

NN	MW	AMW	Sv	Se	Sp	Ss	Mv	Me	Mp
1	341.54	6.1	32.98	55.01	35.34	53.17	0.59	0.98	0.63
2	336.48	6.47	29.81	52	31.73	59.5	0.57	1	0.61
3	308.79	8.82	24.67	35.15	25.69	46.28	0.7	1	0.73
4	249.39	6.08	23.59	40.48	25.29	39.5	0.58	0.99	0.62
5	369.54	7.11	30.29	52.29	32.62	62.58	0.58	1.01	0.63
6	277.44	6.31	27.57	42.82	29.38	38.33	0.63	0.97	0.67
7	267.35	7.23	23.8	36.83	25.01	43.5	0.64	1	0.68
8	534.48	9.22	36.46	61.58	37.09	118.67	0.63	1.06	0.64
9	255.39	6.38	24.48	39.27	26.07	37.33	0.61	0.98	0.65
10	311.51	5.99	30.87	50.8	33.12	42.42	0.59	0.98	0.64
11	316.17	10.9	20.97	29.4	21.87	43.75	0.72	1.01	0.75
12	451.68	6.45	41.56	69.3	44.12	70	0.59	0.99	0.63
13	331.38	7.89	26.41	42.87	27.41	62.5	0.63	1.02	0.65
14	343.93	6.88	30.98	49.24	33.22	46.69	0.62	0.98	0.66
15	314.89	7	28.26	44.25	30.24	41.94	0.63	0.98	0.67
16	315.73	9.87	22.61	33.15	23.28	59.78	0.71	1.04	0.73
17	230.11	10	15.77	23.49	16.78	31.89	0.69	1.02	0.73
18	326.86	7.78	27.46	41.8	28.97	45.61	0.65	1	0.69
19	697.86	7.42	58.42	94.92	61.13	131	0.62	1.01	0.65
20	426.6	6.88	39.38	61.23	41.58	65.58	0.64	0.99	0.67
21	310.85	7.58	27.07	40.48	28.72	42.28	0.66	0.99	0.7
22	284.76	8.63	22.79	33.16	23.89	45.61	0.69	1	0.72
23	379.54	6.66	34.9	56.45	37.03	57.17	0.61	0.99	0.65
24	279.41	6.65	26.48	41.27	28.07	40.33	0.63	0.98	0.67
25	297.45	7.44	25.97	39.46	27.96	40.83	0.65	0.99	0.7
26	320.36	8.01	24.81	41.09	25.65	62.67	0.62	1.03	0.64
27	324.43	7.21	28.59	44.88	30.02	55.58	0.64	1	0.67
28	321.38	7.65	25.2	43	26.18	59.67	0.6	1.02	0.62
29	287.39	6.84	25.51	41.92	26.98	43.58	0.61	1	0.64
30	374.95	7.07	32.48	52.67	34.68	53.94	0.61	0.99	0.65
31	280.45	6.23	27.56	43.92	29.39	38.17	0.61	0.98	0.65
32	237.75	7.43	19.99	31.82	21.41	35.86	0.62	0.99	0.67
33	328.45	6.84	29.1	47.91	30.75	59	0.61	1	0.64
34	628.89	6.69	56.69	93.48	60.05	104.5	0.6	0.99	0.64
35	321.17	10.36	22.4	31.92	23.44	53.72	0.72	1.03	0.76
36	422.62	6.21	38.43	67.75	41.19	74.17	0.57	1	0.61
37	277.44	6.31	27.57	42.82	29.38	37.25	0.63	0.97	0.67
38	218.29	6.61	17.82	33.58	18.92	43.58	0.54	1.02	0.57
39	374.52	6.57	33.53	56.89	35.69	66.92	0.59	1	0.63
40	299.84	7.14	24.68	42.12	26.4	47.44	0.59	1	0.63
41	267.41	6.08	24.7	43.69	26.51	41.5	0.56	0.99	0.6
42	179.29	5.98	17.29	29.5	18.55	27.33	0.58	0.98	0.62
43	265.39	6.8	24.76	38.37	26.11	37	0.63	0.98	0.67
44	339.47	6.79	30.7	49.69	32.51	51.33	0.61	0.99	0.65
45	418.49	7.47	33.74	57.1	35.33	80	0.6	1.02	0.63
46	281.29	8.79	21.91	32.82	22.43	56	0.68	1.03	0.7
47	270.73	9.02	21.19	30.27	22.13	44.11	0.71	1.01	0.74
48	312.48	7.44	26.85	41.55	28.76	41.33	0.64	0.99	0.68
49	252.29	8.14	21	31.28	21.73	47.5	0.68	1.01	0.7

50	265.39	6.32	24.11	41.8	25.74	43	0.57	1	0.61
51	357.54	6.27	33.5	56.34	35.79	56.92	0.59	0.99	0.63
52	315.4	7.17	27.02	44.25	28.44	51	0.61	1.01	0.65
53	727.89	7.43	60.53	99.13	63.35	136	0.62	1.01	0.65
54	426.54	7.35	35.8	58.51	37.46	72	0.62	1.01	0.65
55	266.38	6.5	23.5	41.02	24.99	46.17	0.57	1	0.61
56	424.59	6.43	37.34	66.2	39.89	78.17	0.57	1	0.6
57	360.49	6.68	31.93	54.01	33.93	65.08	0.59	1	0.63
58	358.47	6.89	31.33	52.12	33.17	66.42	0.6	1	0.64
59	284.46	7.11	25.46	39.23	27.51	37	0.64	0.98	0.69
60	284.46	7.11	25.46	39.23	27.51	37.33	0.64	0.98	0.69
61	181.24	6.97	15.3	26.22	16.11	31.83	0.59	1.01	0.62
62	383.56	7.38	32.67	51.76	34.95	54.67	0.63	1	0.67
63	259.38	6.48	24	39.59	25.53	39.17	0.6	0.99	0.64
64	313.43	6.81	28.11	45.8	29.74	46.67	0.61	1	0.65
65	345.4	8.03	29.01	43.31	30.09	60.67	0.67	1.01	0.7
66	234.22	11.71	13.71	21.8	14.21	50.25	0.69	1.09	0.71
67	250.38	6.26	22.99	39.69	24.53	40.33	0.57	0.99	0.61
68	260.42	6.06	25.08	42.25	26.84	38.67	0.58	0.98	0.62
69	274.45	5.97	26.67	45.13	28.6	40.5	0.58	0.98	0.62
70	436.65	6.15	40.03	70.64	42.95	76.08	0.56	0.99	0.6
71	362.51	6.84	33.18	52.46	35.06	53.67	0.63	0.99	0.66
72	341.48	7.42	27.09	46.53	29.1	59.42	0.59	1.01	0.63
73	363.56	6.16	33.48	58.54	35.8	57.42	0.57	0.99	0.61
74	242.38	7.13	19.88	34	21.66	40.75	0.58	1	0.64
75	375.6	7.51	31.37	49.51	34.35	53	0.63	0.99	0.69
76	325.54	5.92	32.47	53.68	34.88	47.67	0.59	0.98	0.63
77	339.41	7.89	24.15	44.63	25.9	58.67	0.56	1.04	0.6
78	294.48	6.14	29.16	46.81	31.15	40	0.61	0.98	0.65
79	284.39	6.94	25.39	40.81	26.77	43.67	0.62	1	0.65
80	392.56	6.65	36.2	58.4	38.41	60.25	0.61	0.99	0.65
81	211.29	7.29	18.97	28.72	19.82	30.33	0.65	0.99	0.68
82	308.35	7.91	25.83	39.38	26.91	58	0.66	1.01	0.69
83	473.64	6.86	40.5	69.4	42.72	83.5	0.59	1.01	0.62
84	305.37	8.04	25.47	38.25	26.29	55	0.67	1.01	0.69
85	412.98	8.43	32.66	49.09	34.84	58.28	0.67	1	0.71
86	287.4	6.84	25.39	41.91	26.78	45.17	0.6	1	0.64
87	212.25	9.65	14.4	22.91	15.31	39.92	0.65	1.04	0.7
88	654.67	7.89	51.37	83.28	54.36	96.75	0.62	1	0.65
89	353.51	6.67	32.18	52.56	34.06	55.5	0.61	0.99	0.64
90	285.37	7.13	24.91	40.04	26.22	45.25	0.62	1	0.66
91	357.49	6.75	31.81	52.9	33.72	55.5	0.6	1	0.64
92	329.4	7.49	27.62	44.43	28.92	53.5	0.63	1.01	0.66
93	275.42	6.56	26.97	40.94	28.62	39.33	0.64	0.97	0.68
94	543.57	7.99	41.99	70.07	43.66	109.42	0.62	1.03	0.64
95	318.38	7.4	24.92	44.12	26.11	63.25	0.58	1.03	0.61
96	382.92	7.66	32.29	49.9	34.15	57.44	0.65	1	0.68
97	223.33	6.38	20.09	34.87	21.39	37	0.57	1	0.61
98	314.46	7.31	24.98	43.42	26.89	51.33	0.58	1.01	0.63
99	410.54	7.2	35.28	57.18	37.01	66.17	0.62	1	0.65

100	290.36	7.45	23.7	39.57	24.72	49.67	0.61	1.01	0.63
101	309.36	7.73	24.82	40.8	25.89	60.58	0.62	1.02	0.65
102	318.9	7.97	26.16	39.56	28.37	40.78	0.65	0.99	0.71
103	454.67	6.4	41.8	70.42	44.53	70.58	0.59	0.99	0.63
104	625.75	7.45	50.74	85.48	53.06	120.67	0.6	1.02	0.63
105	188.25	7.24	16.49	25.95	17.27	32	0.63	1	0.66
106	458.63	7.06	40.97	64.62	43.07	70.5	0.63	0.99	0.66
107	266.38	6.5	23.5	41.02	24.99	47.17	0.57	1	0.61
108	194.22	8.09	14.79	24.71	15.22	37.67	0.62	1.03	0.63
109	388.93	7.48	32.4	52.11	34.37	61.11	0.62	1	0.66
110	319.92	6.66	28.86	47.23	31.01	43.11	0.6	0.98	0.65
111	324.43	7.21	28.59	44.88	30.02	55.58	0.64	1	0.67
112	748.08	6.18	65.97	121.4	70.8	125.58	0.55	1	0.59
113	527.57	7.87	41.48	68.75	43.21	103.92	0.62	1.03	0.64
114	266.42	6.34	25.97	41.04	27.63	36.67	0.62	0.98	0.66
115	392.51	6.89	33.64	57.4	35.63	74.83	0.59	1.01	0.63
116	255.39	6.38	24.48	39.27	26.07	37.17	0.61	0.98	0.65
117	504.72	6.64	43.56	76.26	46.05	81	0.57	1	0.61
118	425.96	7.89	34.67	54.32	36.41	66.61	0.64	1.01	0.67
119	141.19	6.72	12.01	21.17	12.72	28.08	0.57	1.01	0.61
120	303.32	8.43	23.21	37.1	23.89	59.17	0.64	1.03	0.66
121	299.4	6.96	26.51	42.92	27.98	45.08	0.62	1	0.65
122	357.81	8.73	27.52	41.8	28.77	64.11	0.67	1.02	0.7
123	705.71	8.11	55.96	87.91	58.76	105.97	0.64	1.01	0.68
124	531.48	8.3	41.2	64.85	43.45	79.81	0.64	1.01	0.68
125	256.11	11.14	16.57	23.92	17.27	41.22	0.72	1.04	0.75
126	454.5	8.26	34.69	56.64	35.65	92	0.63	1.03	0.65
127	233.34	6.48	21.4	35.71	22.77	37	0.59	0.99	0.63
128	444.54	7.41	36.22	60.97	37.89	84.67	0.6	1.02	0.63
129	327.41	7.28	28.02	45.25	29.44	56	0.62	1.01	0.65
130	479.58	7.49	39.82	64.76	41.64	88.33	0.62	1.01	0.65
131	346.37	8.06	26.84	44.24	27.83	70.17	0.62	1.03	0.65
132	360.4	7.83	28.44	47.12	29.59	71.67	0.62	1.02	0.64
133	263.41	6.42	25.97	39.94	27.62	36.83	0.63	0.97	0.67
134	608.75	7.25	50.95	84.94	53.57	98.83	0.61	1.01	0.64
135	481.6	7.9	37.02	62.35	39.23	94.58	0.61	1.02	0.64
136	303.39	7.06	26.02	43.25	27.44	49.83	0.61	1.01	0.64
137	187.31	6.04	18.78	30.17	20.1	28.5	0.61	0.97	0.65
138	306.25	8.28	24.78	36.7	26.57	40.72	0.67	0.99	0.72
139	398.43	9.49	28.61	43.54	29.75	79.08	0.68	1.04	0.71
140	198.29	6.84	18.57	28.51	19.58	29.33	0.64	0.98	0.68
141	288.47	5.89	28.39	48.03	30.57	42.17	0.58	0.98	0.62
142	373.93	7.48	31.16	50	32.95	54.44	0.62	1	0.66
143	277.45	5.9	26.79	46.24	28.81	40.42	0.57	0.98	0.61
144	825.06	7.11	70.64	116.65	74.36	138.92	0.61	1.01	0.64
145	779.03	7.02	68.01	111.12	71.69	125.25	0.61	1	0.65
146	151.28	5.4	15.78	27.17	17.1	18.25	0.56	0.97	0.61
147	236.29	7.88	20.49	29.95	21.27	41.33	0.68	1	0.71
148	399.48	7.4	33.24	54.67	34.87	69.5	0.62	1.01	0.65
149	734.05	6.22	64.37	118.52	69.04	126.08	0.55	1	0.59

150	588.61	7.95	45.22	76.39	47.09	103.33	0.61	1.03	0.64
151	375.9	7.67	31	49.2	32.85	63.19	0.63	1	0.67
152	452.61	7.3	40.05	61.66	41.86	66.67	0.65	0.99	0.68
153	613.88	6.67	55.57	91.37	58.84	99.92	0.6	0.99	0.64
154	182.2	7.01	13.26	27.15	14.06	44.33	0.51	1.04	0.54
155	341.44	7.11	29.62	48.13	31.2	55.33	0.62	1	0.65
156	567.87	6.68	50.67	84.25	54.47	88.75	0.6	0.99	0.64
157	853.99	7.56	70.1	114.77	73.4	160.5	0.62	1.02	0.65
158	295.45	7.21	24.47	40.99	26.43	47.08	0.6	1	0.64
159	471.74	6.21	45.97	74.43	49.14	70.33	0.6	0.98	0.65
160	307.43	6.99	27.87	43.59	29.32	49.17	0.63	0.99	0.67
161	505.7	7.22	41.71	70.48	44.57	86.42	0.6	1.01	0.64
162	385.57	6.54	34.76	58.65	36.84	59.25	0.59	0.99	0.62
163	274.82	7.23	24.07	37.48	25.72	38.44	0.63	0.99	0.68
164	252.39	7.65	20.04	33.11	21.49	39.33	0.61	1	0.65
165	781.05	6.56	67.29	119.86	71.73	128.58	0.57	1.01	0.6
166	414.57	7.54	34.3	55.19	36.61	66.5	0.62	1	0.67
167	382.57	7.22	33.27	52.54	35.7	58.08	0.63	0.99	0.67
168	234.38	6.01	22.48	38.37	24.08	36.67	0.58	0.98	0.62
169	477.09	7.12	42.28	66.32	44.96	72.94	0.63	0.99	0.67
170	188.25	7.24	16.49	25.95	17.27	32	0.63	1	0.66
171	383.45	7.83	30.8	49.89	31.94	64.83	0.63	1.02	0.65
172	259.38	6.48	24	39.59	25.53	40.67	0.6	0.99	0.64
173	721.05	7.36	60.25	97.96	64.59	114.5	0.61	1	0.66
174	670.94	6.78	59.67	98.69	63.06	114.58	0.6	1	0.64
175	811.08	6.93	70.72	117.21	74.67	131.92	0.6	1	0.64
176	252.29	8.14	21	31.28	21.73	46.92	0.68	1.01	0.7
177	324.46	6.76	29.59	47.58	31.3	49.5	0.62	0.99	0.65
178	325.47	6.64	29.89	48.52	31.68	49	0.61	0.99	0.65
179	285.47	6.96	25.75	40.17	27.89	36.67	0.63	0.98	0.68
180	369.4	9.47	25.61	40.76	26.72	72.47	0.66	1.05	0.69
181	272.42	6.19	26.2	43.26	28.05	40.58	0.6	0.98	0.64
182	281.46	6.12	27.86	44.87	29.77	37.83	0.61	0.98	0.65
183	362.51	6.47	32.53	55.89	34.69	64.08	0.58	1	0.62
184	466.56	7.53	38.52	62.81	40.26	86.33	0.62	1.01	0.65
185	331.38	9.2	24.11	37.11	25.29	63.42	0.67	1.03	0.7
186	345.46	8.03	27.39	43.43	29.12	54.56	0.64	1.01	0.68
187	478.1	7.03	42.58	67.26	45.34	72.61	0.63	0.99	0.67
188	352.4	7.83	27.42	46.21	28.49	70.67	0.61	1.03	0.63
189	314.51	5.93	30.99	51.91	33.33	46.83	0.58	0.98	0.63
190	295.32	8.44	23.51	35.71	24.19	55.17	0.67	1.02	0.69
191	372.57	6.42	36.17	56.74	38.5	53.67	0.62	0.98	0.66
192	455.68	6.33	42.09	71.36	44.92	70.25	0.58	0.99	0.62
193	319.91	7.8	26.46	40.5	28.75	40.44	0.65	0.99	0.7
194	327.87	7.62	27.76	42.74	29.35	45.28	0.65	0.99	0.68
195	230.11	10	15.77	23.49	16.78	31.89	0.69	1.02	0.73
196	459.64	6.96	41.27	65.56	43.46	70.17	0.63	0.99	0.66
197	320.93	6.55	29.16	48.17	31.39	42.78	0.6	0.98	0.64
198	288.47	5.89	28.39	48.03	30.57	42.17	0.58	0.98	0.62
199	415.58	7.42	34.6	56.13	36.99	66.17	0.62	1	0.66

200	267.43	6.22	26.26	41.98	28.01	36.17	0.61	0.98	0.65
201	346.51	6.3	32.01	54.56	34.24	58.17	0.58	0.99	0.62
202	812.09	6.88	71.02	118.15	75.05	131.58	0.6	1	0.64
203	337.41	10.22	22.6	34.3	24.18	61.25	0.68	1.04	0.73
204	472.75	6.14	46.27	75.37	49.52	70	0.6	0.98	0.64
205	315.47	7.17	25.28	44.36	27.27	51	0.57	1.01	0.62
206	360.49	6.68	31.93	54.01	33.93	65.08	0.59	1	0.63
207	543.57	7.99	41.99	70.07	43.66	109.42	0.62	1.03	0.64
208	320.36	8.01	24.81	41.09	25.65	63.17	0.62	1.03	0.64
209	735.06	6.18	64.67	119.46	69.42	125.75	0.54	1	0.58
210	781.05	6.56	67.29	119.86	71.73	128.58	0.57	1.01	0.6
211	267.39	6.37	23.8	41.96	25.37	46.67	0.57	1	0.6
212	252.39	7.65	20.04	33.11	21.49	39.33	0.61	1	0.65
213	1202.84	6.14	108.96	195.23	116.59	211.83	0.56	1	0.59
214	588.61	7.95	45.22	76.39	47.09	103.33	0.61	1.03	0.64
215	319.37	7.79	25.41	41.87	26.41	62.17	0.62	1.02	0.64
216	361.41	7.86	28.52	47.08	29.63	68.33	0.62	1.02	0.64
217	853.99	7.56	70.1	114.77	73.4	160.5	0.62	1.02	0.65
218	452.48	8.54	34.1	54.75	34.89	94	0.64	1.03	0.66
219	335.37	9.32	23.62	37.44	24.74	64.58	0.66	1.04	0.69
220	531.48	8.3	41.2	64.85	43.45	79.81	0.64	1.01	0.68
221	361.41	7.86	28.52	47.08	29.63	68.33	0.62	1.02	0.64

Ms	nAT	nSK	nBT	nBO	nBM	SCBO	ARR	nCIC	nCIR
2.13	56	25	57	26	12	32	0.462	2	2
2.48	52	24	52	24	8	29	0.25	1	1
2.1	35	22	38	25	18	34.5	0.68	4	7
2.19	41	18	41	18	7	22	0.333	1	1
2.5	52	25	53	26	9	32	0.231	2	2
1.83	44	21	46	23	13	30	0.522	3	6
2.18	37	20	40	23	12	29	0.522	4	12
3.21	58	37	61	40	14	48	0.3	4	4
1.96	40	19	41	20	12	26	0.6	2	2
1.84	52	23	55	26	7	30	0.231	4	5
2.3	29	19	31	21	14	29	0.571	3	4
2.12	70	33	73	36	13	44	0.278	4	12
2.6	42	24	45	27	9	33	0.222	4	5
1.95	50	24	52	26	12	32	0.462	3	3
1.91	45	22	47	24	12	30	0.5	3	6
2.72	32	22	34	24	16	34	0.5	3	4
2.28	23	14	24	15	7	19	0.4	2	2
1.98	42	23	45	26	13	33	0.462	4	7
2.57	94	51	97	54	25	70	0.333	4	5
2.05	62	32	66	36	19	46	0.5	5	6
1.92	41	22	44	25	13	32	0.48	4	7
2.28	33	20	35	22	14	30	0.545	3	4
2.04	57	28	60	31	13	38	0.387	4	5
1.92	42	21	44	23	13	30	0.522	3	6
1.94	40	21	42	23	16	31	0.696	3	4
2.72	40	23	42	25	9	31	0.24	3	4
2.32	45	24	47	26	13	34	0.462	3	4
2.59	42	23	43	24	12	31	0.417	2	3
2.08	42	21	45	24	7	28	0.25	4	12
2.07	53	26	55	28	12	34	0.429	3	3
1.82	45	21	47	23	12	29	0.522	3	6
2.24	32	16	33	17	7	21	0.353	2	2
2.46	48	24	49	25	13	32	0.48	2	2
2.27	94	46	97	49	21	61	0.367	4	4
2.56	31	21	33	23	14	31	0.522	3	4
2.47	68	30	69	31	4	35	0	2	3
1.77	44	21	47	24	12	30	0.5	4	10
2.91	33	15	32	14	2	16	0	0	0
2.48	57	27	60	30	4	34	0	4	10
2.37	42	20	42	20	7	24	0.3	1	1
2.18	44	19	44	19	6	22	0.316	1	1
2.1	30	13	30	13	6	16	0.462	1	1
1.85	39	20	42	23	12	29	0.522	4	11
2.05	50	25	55	30	7	34	0.2	6	25
2.67	56	30	57	31	12	40	0.194	2	2
2.67	32	21	34	23	16	33	0.522	3	4
2.32	30	19	32	21	14	29	0.571	3	4
1.88	42	22	45	25	12	31.5	0.44	4	7
2.5	31	19	33	21	14	29	0.571	3	6

2.26	42	19	42	19	7	23	0.316	1	1
2.19	57	26	58	27	8	33	0.222	2	2
2.22	44	23	48	27	7	31	0.222	5	24
2.57	98	53	101	56	25	72	0.321	4	5
2.32	58	31	62	35	13	43	0.286	5	7
2.43	41	19	41	19	7	23	0.316	1	1
2.61	66	30	67	31	4	35	0	2	3
2.5	54	26	57	29	4	33	0	4	10
2.55	52	26	55	29	5	34	0	4	10
1.85	40	20	42	22	12	28	0.545	3	6
1.87	40	20	42	22	12	28	0.545	3	6
2.45	26	13	26	13	7	17	0.462	1	1
2.02	52	27	55	30	13	37	0.4	4	7
2.06	40	19	42	21	7	25	0.286	3	6
2.03	46	23	48	25	12	31	0.48	3	3
2.33	43	26	46	29	17	40	0.414	4	7
3.35	20	15	21	16	10	21	0.625	2	3
2.24	40	18	40	18	7	22	0.333	1	1
2.04	43	19	44	20	7	24	0.3	2	3
2.03	46	20	47	21	7	25	0.286	2	2
2.45	71	31	72	32	4	36	0	2	3
1.99	53	27	57	31	13	38	0.387	5	7
2.58	46	23	47	24	9	30	0.25	2	2
2.21	59	26	60	27	7	31	0.222	2	2
2.55	34	16	34	16	3	19	0	1	1
2.12	50	25	52	27	12	34	0.37	3	3
1.99	55	24	56	25	12	31	0.48	2	2
2.67	43	22	45	24	2	26	0	3	6
1.82	48	22	50	24	12	30	0.5	3	6
2.08	41	21	44	24	11	30	0.417	4	6
2.08	59	29	63	33	13	40	0.364	5	6
1.9	29	16	32	19	11	24.5	0.579	4	10
2.52	39	23	41	25	15	34	0.48	3	4
2.46	69	34	71	36	10	43	0.167	3	3
2.39	38	23	40	25	18	36	0.64	3	4
2.08	49	28	53	32	17	41	0.5	5	7
2.15	42	21	44	23	11	29	0.435	3	4
2.85	22	14	23	15	12	22	0.667	2	3
2.25	83	43	89	49	14	58	0.204	7	18
2.13	53	26	56	29	12	36	0.345	4	12
2.15	40	21	44	25	7	29	0.24	5	24
2.13	53	26	58	31	6	34	0.194	6	25
2.23	44	24	47	27	12	33	0.444	4	5
1.87	42	21	44	23	14	31	0.522	3	6
2.81	68	39	72	43	15	52	0.279	5	11
2.88	43	22	43	22	7	26	0.273	1	1
2.13	50	27	53	30	14	38	0.4	4	7
2.31	35	16	35	16	7	20	0.375	1	1
2.44	43	21	43	21	8	26.5	0.238	1	1
2.21	57	30	61	34	13	42	0.294	5	7

2.37	39	21	40	22	12	28	0.545	2	2
2.75	40	22	41	23	12	29	0.522	2	2
1.94	40	21	42	23	12	29	0.522	3	6
2.14	71	33	72	34	13	42	0.353	2	2
2.68	84	45	86	47	18	59	0.255	3	3
2.29	26	14	27	15	8	20	0.4	2	2
2.07	65	34	69	38	22	49	0.579	5	6
2.48	41	19	41	19	7	23	0.316	1	1
2.69	24	14	25	15	7	19.5	0.333	2	3
2.26	52	27	54	29	13	36	0.414	3	3
1.96	48	22	49	23	11	28.5	0.478	2	3
2.32	45	24	47	26	13	34	0.462	3	4
2.42	121	52	123	54	2	56	0	3	3
2.73	67	38	71	42	15	51	0.286	5	11
1.83	42	20	44	22	12	28	0.545	3	6
2.67	57	28	60	31	4	35	0	4	10
1.96	40	19	41	20	12	26	0.6	2	2
2.25	76	36	79	39	11	44.5	0.282	4	5
2.22	54	30	58	34	14	42	0.353	5	7
2.81	21	10	21	10	2	12	0	1	1
2.69	36	22	38	24	13	31.5	0.458	3	6
2.05	43	22	47	26	7	30	0.231	5	24
2.56	41	25	43	27	18	37	0.593	3	4
2.16	87	49	93	55	25	68.5	0.418	7	7
2.22	64	36	68	40	18	49.5	0.425	5	5
2.58	23	16	24	17	12	23	0.706	2	2
2.79	55	33	57	35	20	46.5	0.486	3	4
2.18	36	17	37	18	7	22	0.333	2	2
2.65	60	32	62	34	14	42	0.353	3	6
2.33	45	24	49	28	8	33	0.214	5	24
2.52	64	35	66	37	18	49	0.324	3	3
2.81	43	25	44	26	12	35	0.231	2	2
2.76	46	26	47	27	12	36	0.222	2	2
1.84	41	20	43	22	13	29	0.545	3	6
2.25	84	44	89	49	18	59	0.327	6	16
2.87	61	33	62	34	16	44	0.353	2	2
2.27	43	22	46	25	7	29	0.24	4	7
2.04	31	14	31	14	7	19	0.429	1	1
2.04	37	20	39	22	12	28	0.545	3	4
2.82	42	28	44	30	22	43	0.6	3	3
1.96	29	15	31	17	11	22.5	0.647	3	6
2.01	49	21	52	24	2	26	0	4	10
2.09	50	26	53	29	10	36	0.207	4	5
2.02	47	20	48	21	6	24	0.286	2	2
2.32	116	60	124	68	21	81	0.235	9	28
2.2	111	57	119	65	21	78	0.246	9	28
1.66	28	11	30	13	0	13	0	3	7
2.3	30	18	32	20	14	28	0.6	3	6
2.4	54	29	56	31	11	39	0.194	3	6
2.47	118	51	120	53	2	55	0	3	3



2.46	74	42	80	48	13	55	0.25	7	14
2.43	49	26	51	28	13	35	0.429	3	3
1.96	62	34	67	39	26	52	0.667	6	8
2.22	92	45	96	49	20	60	0.367	5	6
3.69	26	12	25	11	0	11	0	0	0
2.21	48	25	53	30	7	34	0.2	6	25
2.22	85	40	88	43	14	51	0.279	4	5
2.59	113	62	119	68	25	84	0.265	7	13
2.35	41	20	42	21	12	28	0.476	2	3
2.01	76	35	79	38	18	47	0.474	4	4
2.14	44	23	46	25	17	34	0.64	3	4
2.47	70	35	72	37	15	46	0.324	3	3
2.12	59	28	62	31	8	36	0.194	4	4
2.02	38	19	39	20	12	26	0.6	2	2
2.31	33	17	33	17	7	22.5	0.294	1	1
2.34	119	55	126	62	2	64	0	8	14
2.29	55	29	57	31	14	39	0.387	3	4
2.15	53	27	56	30	18	40	0.533	4	5
2.16	39	17	39	17	7	21	0.353	1	1
2.15	67	34	70	37	19	47	0.486	4	4
2.29	26	14	27	15	8	20	0.4	2	2
2.32	49	28	52	31	17	40	0.516	4	5
2.14	40	19	41	20	11	25.5	0.55	2	3
2.29	98	50	101	53	25	67	0.415	4	4
2.34	99	49	103	53	21	65.5	0.321	5	7
2.24	117	59	125	67	20	79	0.239	9	28
2.47	31	19	33	21	14	29	0.571	3	3
2.06	48	24	51	27	12	33.5	0.407	4	6
2.04	49	24	52	27	12	33.5	0.407	4	6
1.83	41	20	43	22	12	28	0.545	3	6
2.9	39	25	41	27	17	36	0.593	3	4
2.03	44	20	47	23	6	26	0.261	4	10
1.8	46	21	48	23	12	29	0.522	3	6
2.46	56	26	59	29	3	32	0	4	10
2.54	62	34	64	36	18	48	0.333	3	3
2.76	36	23	38	25	16	35	0.48	3	4
2.27	43	24	45	26	17	35	0.615	3	4
2.14	68	34	71	37	19	47	0.486	4	4
2.83	45	25	47	27	9	33	0.222	3	4
2.04	53	23	56	26	3	29	0	4	10
2.51	35	22	37	24	18	34	0.667	3	4
1.92	58	28	60	30	19	40	0.6	3	3
2.13	72	33	73	34	13	42	0.353	2	2
1.93	41	21	43	23	12	29	0.522	3	6
1.97	43	23	46	26	13	33	0.462	4	7
2.28	23	14	24	15	7	19	0.4	2	2
2.06	66	34	70	38	22	49	0.579	5	6
1.94	49	22	50	23	11	28.5	0.478	2	3
2.01	49	21	52	24	2	26	0	4	10
2.28	56	29	58	31	14	39	0.387	3	4

1.81	43	20	45	22	12	28	0.545	3	6
2.33	55	25	58	28	3	31	0	4	10
2.23	118	59	126	67	20	79	0.239	9	28
2.78	33	22	35	24	15	33.5	0.458	3	4
2	77	35	80	38	18	47	0.474	4	4
2.43	44	21	44	21	8	26.5	0.238	1	1
2.5	54	26	57	29	4	33	0	4	10
2.81	68	39	72	43	15	52	0.279	5	11
2.75	40	23	42	25	9	31	0.24	3	4
2.47	119	51	121	53	2	55	0	3	3
2.34	119	55	126	62	2	64	0	8	14
2.46	42	19	42	19	7	23	0.316	1	1
2.31	33	17	33	17	7	22.5	0.294	1	1
2.49	196	85	196	85	12	97	0	1	1
2.46	74	42	80	48	13	55	0.25	7	14
2.7	41	23	43	25	9	31	0.24	3	4
2.63	46	26	49	29	9	35	0.207	4	8
2.59	113	62	119	68	25	84	0.265	7	13
2.85	53	33	55	35	20	46.5	0.486	3	4
2.81	36	23	38	25	15	34.5	0.44	3	4
2.22	64	36	68	40	18	49.5	0.425	5	5
2.63	46	26	49	29	9	35	0.207	4	8

RBN	RBF	nDB	nTB	nAB	nH	nC	nN	nO	nS
8	0.14	0	0	12	31	22	1	2	0
10	0.192	2	0	6	28	18	2	4	0
1	0.026	1	0	17	13	17	4	0	0
8	0.195	1	0	6	23	15	1	2	0
7	0.132	3	0	6	27	17	3	4	1
3	0.065	1	0	12	23	20	1	0	0
0	0	0	0	12	17	17	1	2	0
6	0.098	2	0	12	21	23	4	3	0
6	0.146	0	0	12	21	17	1	1	0
5	0.091	1	0	6	29	21	1	1	0
1	0.032	2	0	12	10	14	3	1	0
8	0.11	3	0	10	37	26	5	2	0
3	0.067	3	0	6	18	17	3	3	0
6	0.115	0	0	12	26	21	1	1	0
4	0.085	0	0	12	23	19	2	0	0
2	0.059	4	0	12	10	15	3	3	0
2	0.083	1	0	6	9	9	3	0	0
1	0.022	1	0	12	19	18	4	0	0
6	0.062	7	0	18	43	38	5	8	0
7	0.106	1	0	18	30	28	2	2	0
0	0	1	0	12	19	19	2	0	0
1	0.029	2	0	12	13	16	2	1	0
6	0.1	1	0	12	29	24	1	3	0
3	0.068	1	0	12	21	19	1	1	0
6	0.143	0	0	16	19	18	1	1	1
3	0.071	3	0	6	17	15	4	3	0
5	0.106	0	1	12	21	20	2	1	0
9	0.209	2	0	10	19	14	5	4	0
1	0.022	1	0	6	21	17	1	3	0
8	0.145	0	0	12	27	21	2	2	0
4	0.085	0	0	12	24	19	2	0	0
2	0.061	1	0	6	16	13	1	1	0
8	0.163	1	0	12	24	19	2	3	0
15	0.155	3	0	18	48	37	4	5	0
1	0.03	2	0	12	10	15	2	2	0
11	0.159	4	0	0	38	24	0	6	0
4	0.085	0	0	12	23	20	1	0	0
8	0.25	2	0	0	18	9	2	4	0
2	0.033	4	0	0	30	22	0	5	0
7	0.167	1	0	6	22	14	3	2	0
9	0.205	0	0	6	25	15	1	3	0
3	0.1	0	0	6	17	11	1	1	0
0	0	0	0	12	19	17	3	0	0
2	0.036	1	0	6	25	21	1	3	0
10	0.175	6	0	6	26	21	2	7	0
2	0.059	4	0	12	11	15	3	3	0
1	0.031	2	0	12	11	15	2	1	0
1	0.022	1	0	11	20	17	4	0	1
0	0	2	0	12	12	15	2	2	0

9	0.214	1	0	6	23	15	1	3	0
8	0.138	1	1	6	31	22	1	3	0
1	0.021	1	0	6	21	18	1	4	0
6	0.059	7	0	18	45	39	5	9	0
4	0.065	3	0	10	27	23	4	3	0
7	0.171	1	0	6	22	14	2	3	0
11	0.164	4	0	0	36	23	0	7	0
2	0.035	4	0	0	28	21	0	5	0
2	0.036	5	0	0	26	21	0	5	0
4	0.095	0	0	12	20	17	2	0	1
3	0.071	0	0	12	20	17	2	0	1
2	0.077	1	0	6	13	9	2	2	0
6	0.109	1	0	12	25	21	3	2	1
4	0.095	1	0	6	21	16	1	2	0
6	0.125	0	0	12	23	19	1	3	0
3	0.065	5	0	12	17	21	2	3	0
1	0.048	0	0	10	5	8	2	1	1
5	0.125	1	0	6	22	14	2	2	0
7	0.159	1	0	6	24	16	2	1	0
4	0.085	1	0	6	26	17	2	1	0
11	0.153	4	0	0	40	25	0	6	0
3	0.053	1	0	12	26	23	2	2	0
6	0.128	3	0	6	23	15	3	4	1
8	0.133	1	0	6	33	20	3	3	0
4	0.118	3	0	0	18	11	2	2	1
6	0.115	2	0	10	25	20	1	2	2
7	0.125	0	0	12	31	22	1	1	0
3	0.067	2	0	0	21	12	1	8	1
4	0.08	0	0	12	26	20	2	0	0
3	0.068	1	0	10	20	17	2	2	0
5	0.079	1	0	12	30	25	1	3	0
0	0	0	0	11	13	13	3	0	0
4	0.098	3	0	12	16	19	0	4	0
11	0.155	4	0	6	35	24	5	5	0
3	0.075	1	1	16	15	17	5	1	0
4	0.075	1	0	16	21	21	4	1	1
5	0.114	1	0	10	21	16	3	2	0
2	0.087	2	0	10	8	8	2	3	1
5	0.056	4	0	10	40	32	5	5	0
4	0.071	2	0	10	27	21	3	2	0
0	0	1	0	6	19	17	1	3	0
2	0.034	0	0	6	27	21	1	4	0
4	0.085	0	0	12	20	19	1	3	0
3	0.068	2	0	12	21	20	1	0	0
5	0.069	3	0	12	29	27	1	11	0
9	0.209	1	0	6	21	15	2	2	0
2	0.038	2	0	12	23	22	2	2	0
3	0.086	1	0	6	19	12	2	2	0
10	0.233	3	0	5	22	13	4	3	1
4	0.066	3	0	10	27	23	4	2	0

5	0.125	0	0	12	18	14	4	3	0
6	0.146	0	0	12	18	17	1	1	0
4	0.095	0	0	12	19	17	2	0	1
13	0.181	0	1	12	38	27	2	4	0
6	0.07	6	0	12	39	31	5	9	0
1	0.037	2	0	6	12	11	2	1	0
8	0.116	0	0	22	31	28	4	1	0
8	0.195	1	0	6	22	14	2	3	0
0	0	2	0	5	10	8	4	2	0
8	0.148	1	0	12	25	21	2	3	0
8	0.163	0	0	11	26	18	3	0	0
5	0.106	0	1	12	21	20	2	1	0
8	0.065	2	0	0	69	38	1	13	0
4	0.056	3	0	12	29	27	1	10	0
4	0.091	0	0	12	22	18	2	0	0
2	0.033	4	0	0	29	22	0	5	0
6	0.146	0	0	12	21	17	1	1	0
12	0.152	0	0	11	40	24	8	4	0
5	0.086	2	0	12	24	22	5	2	0
1	0.048	2	0	0	11	7	1	2	0
3	0.079	2	0	11	14	15	3	3	0
1	0.021	1	0	6	21	18	1	3	0
4	0.093	2	0	16	16	19	1	4	0
11	0.118	2	0	23	38	35	8	4	0
7	0.103	1	0	17	28	26	4	4	0
1	0.042	0	0	12	7	9	5	0	0
9	0.158	3	0	17	22	20	8	5	0
4	0.108	1	0	6	19	14	1	2	0
12	0.194	2	0	12	28	22	4	6	0
2	0.041	2	0	6	21	19	1	4	0
11	0.167	6	0	12	29	26	3	6	0
6	0.136	6	0	6	18	17	2	6	0
7	0.149	6	0	6	20	18	2	6	0
3	0.07	1	0	12	21	19	1	0	0
10	0.112	2	0	16	40	33	2	9	0
10	0.161	4	0	12	28	22	3	6	1
5	0.109	1	0	6	21	17	1	4	0
4	0.129	0	1	6	17	13	1	0	0
2	0.051	0	0	12	17	17	1	0	0
6	0.136	4	0	18	14	18	4	5	1
0	0	0	0	11	14	13	2	0	0
0	0	2	0	0	28	19	0	2	0
5	0.094	4	0	6	24	19	5	1	0
5	0.104	0	0	6	27	17	1	2	0
10	0.081	5	0	16	56	46	4	10	0
10	0.084	5	0	16	54	45	4	8	0
0	0	0	0	0	17	10	1	0	0
0	0	2	0	12	12	15	2	1	0
5	0.089	5	0	6	25	22	1	6	0
7	0.058	2	0	0	67	37	1	13	0

5	0.063	1	0	12	32	29	0	13	0
6	0.118	1	0	12	23	21	1	2	0
5	0.075	0	0	26	28	27	6	1	0
12	0.125	2	0	18	47	36	5	4	0
5	0.2	0	0	0	14	6	0	6	0
2	0.038	1	0	6	23	20	1	4	0
10	0.114	2	0	12	45	32	3	4	1
14	0.118	7	0	18	51	47	1	14	0
6	0.143	2	0	10	21	14	3	2	1
9	0.114	0	0	18	41	32	1	2	0
3	0.065	1	0	16	21	19	3	1	0
12	0.167	3	0	12	35	25	3	6	1
6	0.097	2	0	6	31	21	5	2	0
5	0.128	0	0	12	19	16	2	0	0
7	0.212	1	1	5	16	10	6	0	1
7	0.056	2	0	0	64	41	0	14	0
7	0.123	2	0	12	26	22	2	4	1
6	0.107	2	0	16	26	22	2	2	1
5	0.128	1	0	6	22	14	2	1	0
7	0.1	1	0	18	33	29	2	2	0
1	0.037	2	0	6	12	11	2	1	0
4	0.077	1	0	16	21	19	5	4	0
6	0.146	0	0	11	21	16	1	2	0
18	0.178	3	0	22	48	37	6	5	2
13	0.126	4	0	17	50	38	6	5	0
10	0.08	4	0	16	58	46	4	9	0
2	0.061	2	0	12	12	15	2	2	0
4	0.078	1	0	11	24	20	2	2	0
4	0.077	1	0	11	25	20	2	2	0
4	0.093	0	0	12	21	17	2	0	1
5	0.122	1	0	16	14	16	3	2	1
0	0	0	0	6	24	18	0	2	0
4	0.083	0	0	12	25	19	2	0	0
2	0.034	3	0	0	30	21	0	5	0
11	0.172	6	0	12	28	25	3	6	0
2	0.053	4	0	12	13	15	3	4	1
5	0.111	1	0	16	19	17	3	3	1
7	0.099	1	0	18	34	29	2	2	0
3	0.064	3	0	6	20	17	3	3	0
1	0.018	3	0	0	30	21	0	2	0
4	0.108	2	0	16	13	16	3	3	0
8	0.133	1	0	18	30	26	1	1	0
13	0.178	0	1	12	39	27	2	4	0
4	0.093	0	0	12	20	17	2	0	1
1	0.022	1	0	12	20	18	4	0	0
1	0.042	1	0	6	9	9	3	0	0
8	0.114	0	0	22	32	28	4	1	0
8	0.16	0	0	11	27	18	3	0	0
0	0	2	0	0	28	19	0	2	0
7	0.121	2	0	12	27	22	2	4	1

4	0.089	0	0	12	23	18	2	0	0
2	0.034	3	0	0	30	21	0	4	0
10	0.079	4	0	16	59	46	4	9	0
2	0.057	4	0	11	11	13	3	4	2
9	0.113	0	0	18	42	32	1	2	0
10	0.227	3	0	5	23	13	4	3	1
2	0.035	4	0	0	28	21	0	5	0
5	0.069	3	0	12	29	27	1	11	0
3	0.071	3	0	6	17	15	4	3	0
7	0.058	2	0	0	68	37	1	13	0
7	0.056	2	0	0	64	41	0	14	0
8	0.19	1	0	6	23	14	2	3	0
7	0.212	1	1	5	16	10	6	0	1
15	0.077	12	0	0	111	62	11	12	0
5	0.063	1	0	12	32	29	0	13	0
3	0.07	3	0	6	18	16	3	3	0
2	0.041	3	0	6	20	18	3	4	0
14	0.118	7	0	18	51	47	1	14	0
9	0.164	3	0	17	20	20	8	5	0
2	0.053	4	0	11	13	14	3	5	1
7	0.103	1	0	17	28	26	4	4	0
2	0.041	3	0	6	20	18	3	4	0

nF	nCL	nBR	nX	nR03	nR04	nR05	nR06	nR07	nR08
0	0	0	0	0	0	0	2	0	0
0	0	0	0	0	0	0	1	0	0
0	1	0	1	0	0	1	2	1	0
0	0	0	0	0	0	0	1	0	0
0	0	0	0	0	0	1	1	0	0
0	0	0	0	0	0	0	2	1	0
0	0	0	0	0	0	0	4	0	0
7	0	0	7	0	0	1	3	0	0
0	0	0	0	0	0	0	2	0	0
0	0	0	0	0	0	2	3	0	0
0	0	1	1	0	0	0	2	1	0
0	0	0	0	0	0	1	3	0	0
1	0	0	1	1	0	0	3	0	0
0	1	0	1	0	0	1	2	0	0
0	1	0	1	0	0	0	2	1	0
0	1	0	1	0	0	0	2	1	0
0	2	0	2	0	0	1	1	0	0
0	1	0	1	0	0	0	3	1	0
0	0	0	0	0	0	0	3	0	0
0	0	0	0	0	0	2	3	0	0
0	1	0	1	0	0	0	3	1	0
0	1	0	1	0	0	0	2	1	0
0	0	0	0	0	0	1	3	0	0
0	0	0	0	0	0	0	2	1	0
0	0	0	0	0	0	1	2	0	0
1	0	0	1	0	0	0	3	0	0
1	0	0	1	0	0	1	2	0	0
0	0	0	0	0	0	1	1	0	0
0	0	0	0	0	0	1	2	1	0
0	1	0	1	0	0	0	3	0	0
0	0	0	0	0	0	0	2	1	0
0	1	0	1	0	0	0	2	0	0
0	0	0	0	0	0	0	2	0	0
0	0	0	0	0	0	0	4	0	0
0	2	0	2	0	0	0	2	1	0
0	0	0	0	0	0	0	2	0	0
0	0	0	0	0	0	0	5	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	3	0	0
0	1	0	1	0	0	0	1	0	0
0	0	0	0	0	0	0	1	0	0
0	0	0	0	0	0	0	1	0	0
0	0	0	0	0	0	0	3	1	0
0	0	0	0	1	0	1	4	0	1
0	0	0	0	0	0	0	2	0	0
0	0	0	0	0	0	0	2	1	0
0	1	0	1	0	0	0	2	1	0
0	0	0	0	0	0	1	2	1	0
0	0	0	0	0	0	0	2	1	0



0	0	0	0	0	0	0	1	0	0
0	0	0	0	0	0	0	2	0	0
0	0	0	0	0	0	1	4	0	1
0	0	0	0	0	0	0	3	0	0
1	0	0	1	0	0	1	4	0	0
0	0	0	0	0	0	0	1	0	0
0	0	0	0	0	0	0	2	0	0
0	0	0	0	0	0	1	3	0	0
0	0	0	0	0	0	1	3	0	0
0	0	0	0	0	0	0	3	0	0
0	0	0	0	0	0	0	3	0	0
0	0	0	0	0	0	0	1	0	0
0	0	0	0	0	0	0	3	1	0
0	0	0	0	0	0	2	1	0	0
0	0	0	0	0	0	0	3	0	0
0	0	0	0	0	0	0	4	0	0
3	0	0	3	0	0	1	1	0	0
0	0	0	0	0	0	0	1	0	0
0	0	0	0	0	0	1	1	0	0
0	0	0	0	0	0	0	2	0	0
0	0	0	0	0	0	0	2	0	0
0	0	0	0	0	0	0	6	0	0
0	0	0	0	0	0	1	1	0	0
0	0	0	0	0	0	0	2	0	0
0	0	0	0	0	0	0	1	0	0
0	0	0	0	0	0	2	1	0	0
0	0	0	0	0	0	0	2	0	0
0	0	0	0	0	0	2	1	0	0
0	0	0	0	0	0	2	2	1	0
0	0	0	0	0	0	2	3	1	0
0	0	0	0	0	0	1	3	1	0
0	0	0	0	0	0	0	3	0	0
0	0	0	0	0	1	0	2	0	0
0	0	0	0	0	0	1	2	0	0
0	1	0	1	0	0	2	3	0	0
0	0	0	0	0	0	2	1	0	0
0	0	0	0	0	0	1	1	0	0
0	0	1	1	0	0	3	4	0	0
0	0	0	0	0	0	1	3	0	0
0	0	0	0	0	0	1	4	0	1
0	0	0	0	0	1	1	4	0	1
1	0	0	1	0	0	1	3	0	0
0	0	0	0	0	0	0	2	1	0
0	0	0	0	0	0	0	5	0	0
3	0	0	3	0	0	0	1	0	0
0	1	0	1	0	0	0	3	1	0
0	0	0	0	0	0	0	1	0	0
0	0	0	0	0	0	1	0	0	0
1	0	0	1	0	0	1	4	0	0





0	0	0	0	0	0	0	2	1	0
0	0	0	0	0	0	1	3	0	0
0	0	0	0	0	0	3	5	0	0
0	0	0	0	0	0	1	2	0	0
0	0	0	0	0	0	0	4	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	1	3	0	0
0	0	0	0	0	0	0	5	0	0
1	0	0	1	0	0	0	3	0	0
0	0	0	0	0	0	0	2	0	0
0	0	0	0	0	0	2	6	0	0
0	0	0	0	0	0	0	1	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	2	5	0	0
1	0	0	1	0	0	0	3	0	0
1	0	0	1	0	0	0	4	0	0
0	0	0	0	0	1	0	5	0	2
0	0	0	0	0	0	0	3	0	0
0	0	0	0	0	0	1	2	0	0
0	2	0	2	0	0	2	3	0	0
1	0	0	1	0	0	0	4	0	0

nR09	nR10	nR11	nR12	nBnz	ZM1	ZM1V	ZM2	ZM2V	Qindex
0	0	0	0	2	122	254	140	257	14
0	0	0	0	1	110	310	120	276	10
0	1	1	0	2	122	289.605	148	335.111	20
0	0	0	0	1	80	190	86	176	7
0	0	0	0	1	126	328.445	148	257	16
0	0	2	0	2	108	204	126	228	15
0	4	0	1	2	116	254	145	279	21
0	0	0	0	2	200	780	233	627	29
0	0	0	0	2	90	200	101	207	10
0	0	0	0	1	126	208	151	226	20
0	0	1	0	1	100	265.067	117	274.037	15
2	2	1	0	1	174	386	209	394	24
0	1	0	0	1	134	384	164	366	22
0	0	0	0	2	124	237.605	145	255.111	17
0	0	2	0	2	114	215.605	133	241.111	16
0	0	1	0	2	116	353.605	137	349.111	17
0	0	0	0	1	70	157.21	80	170.222	10
0	0	2	0	2	126	267.605	150	304.111	20
0	0	0	0	3	254	732	287	679	28
1	0	0	0	3	174	372	211	395	26
0	0	2	0	1	120	231.605	144	265.111	19
0	0	1	0	2	106	259.605	126	275.111	16
1	0	0	0	2	148	340	175	336	21
0	0	2	0	2	108	236	126	252	15
0	1	0	0	2	106	224.444	123	235.667	14
0	1	0	0	0	122	388	147	363	18
1	0	0	0	2	126	328	150	315	18
1	0	0	0	0	112	378	125	345	13
2	1	1	1	1	122	274	153	283	22
0	0	0	0	2	128	281.605	146	268.111	15
0	0	2	0	2	108	208	126	232	15
0	0	0	0	1	82	169.605	99	174.111	12
0	0	0	0	2	116	294	130	279	13
0	0	0	0	3	230	564	263	542	26
0	0	1	0	2	112	287.21	133	296.222	17
0	1	0	0	0	148	358	169	313	17
0	4	0	0	2	118	198	148	236	20
0	0	0	0	0	64	228	66	178	5
1	2	0	0	0	160	338	206	324	29
0	0	0	0	1	92	239.605	104	227.111	9
0	0	0	0	1	84	218	89	185	7
0	0	0	0	1	60	136	66	136	7
0	0	3	0	1	112	228	136	256	19
3	3	3	1	1	160	304	211	342	33
0	0	0	0	1	148	488	172	440	17
0	0	1	0	2	110	346	129	339	16
0	0	1	0	2	100	249.605	117	262.111	15
0	1	1	0	1	122	250.444	146	277.333	20
0	0	2	0	2	102	278	123	286	16

0	0	0	0	1	84	226	90	204	7
0	0	0	0	1	124	294	143	278	13
3	3	3	1	1	144	328	191	341	29
0	0	0	0	3	262	772	295	703	28
1	1	0	0	1	172	456	208	456	27
0	0	0	0	1	86	242	91	215	8
0	1	0	0	0	148	382	169	325	17
1	2	0	0	0	154	332	198	315	28
1	2	0	0	0	154	350	198	329	28
0	2	0	0	2	104	200.444	122	217.333	15
0	2	0	0	2	106	202.444	126	223.333	16
0	0	0	0	0	60	184	65	172	7
0	0	2	0	2	140	320.445	164	315.333	19
2	0	0	1	1	100	224	119	227	15
0	0	0	0	2	114	288	131	284	14
0	2	0	0	2	142	372	172	399	22
1	0	0	0	1	80	324.445	90	262.333	13
0	0	0	0	1	84	224	94	215	9
1	0	0	0	1	92	198	105	200	11
0	0	0	0	1	98	204	113	209	12
0	1	0	0	0	156	366	179	324	19
0	1	0	0	2	150	322	181	339	24
0	0	0	0	1	116	316.445	134	236.667	15
0	0	0	0	1	126	294	136	277	14
0	0	0	0	0	78	192.444	94	183.667	10
0	0	0	0	0	128	262.889	149	251.333	17
0	0	0	0	2	118	226	135	243	14
2	0	0	1	0	130	384.445	154	296	24
0	0	2	0	2	114	214	133	239	16
1	0	0	0	1	118	266	143	280	20
0	0	0	0	2	164	326	203	346	27
1	1	1	0	1	94	196	116	223	18
0	1	0	0	2	120	340	142	333	17
0	0	0	0	1	168	460	194	425	19
1	0	0	0	1	120	342	144	362	17
2	0	0	0	2	156	338.049	187	354.111	25
1	0	0	0	1	110	272	127	269	16
1	0	0	0	1	74	230.444	84	176.333	12
4	2	1	1	1	256	571.067	326	612.037	45
2	2	1	0	1	144	314	177	329	23
3	3	3	1	1	132	276	173	299	27
3	3	3	1	1	164	322	215	348	33
1	0	0	0	2	128	354	150	334	19
0	0	2	0	2	108	214	126	241	15
0	3	0	0	2	220	648	275	601	35
0	0	0	0	1	100	378	109	292	9
0	0	2	0	1	144	333.605	172	351.111	21
0	0	0	0	1	78	202	86	196	10
0	0	0	0	0	94	284.445	100	254.667	8
1	1	0	0	1	166	426	200	435	26

0	0	0	0	1	104	322	121	313	13
0	0	0	0	2	108	362	121	302	13
0	2	0	0	2	110	208.049	129	226.444	16
0	0	0	0	2	160	412	187	389	17
0	0	0	0	2	220	686	246	603	23
0	0	0	0	1	72	190	85	202	11
1	0	0	0	3	180	434	210	445	25
0	0	0	0	1	86	238	91	207	8
1	0	0	0	0	76	248	94	245	13
0	0	0	0	2	134	329.605	152	306.111	16
0	1	0	0	1	106	207.605	120	227.111	12
1	0	0	0	2	126	328	150	315	18
0	0	0	0	0	274	694	330	609	36
0	3	0	0	2	216	620	270	587	35
0	0	2	0	2	102	198	120	224	14
1	2	0	0	0	168	394	221	362	31
0	0	0	0	2	90	202	100	198	10
0	1	0	0	0	182	468	215	456	22
2	0	0	0	2	166	391.605	200	418.111	26
0	0	0	0	0	50	146	58	126	8
0	1	1	0	1	118	390	143	368	18
3	3	3	1	1	136	296	178	312	27
1	0	0	0	2	132	371.605	158	368.111	19
0	0	0	0	3	268	667.21	321	709.222	39
0	0	0	0	2	194	485.21	229	490.222	28
0	0	0	0	1	82	217.21	96	241.222	12
0	1	0	0	1	168	544	193	518	21
0	0	0	0	1	82	200	94	185	10
0	2	0	0	2	160	464	190	430	19
3	3	3	1	1	148	332	195	348	29
0	0	0	0	2	176	532	205	497	21
0	0	0	0	1	126	434	151	395	16
0	0	0	0	1	130	438	154	402	16
0	0	2	0	2	102	194	120	220	14
2	2	0	0	2	242	666	299	634	36
0	0	0	0	1	166	512.445	189	407	20
0	0	0	0	1	124	302	153	288	21
0	0	0	0	1	62	130	67	127	6
0	1	0	0	2	106	187.21	127	214.222	16
0	0	0	0	2	144	460.445	165	387.333	19
0	2	0	0	1	82	166	99	195	14
1	2	0	0	0	126	204	160	213	24
1	0	0	0	1	138	307.605	162	328.111	20
0	0	0	0	1	100	206	115	198	13
6	1	2	2	2	354	852	458	857	60
5	2	2	1	2	336	782	434	804	57
0	0	0	0	0	68	76	82	90	15
0	0	2	0	2	96	240	115	263	15
0	0	1	1	1	150	450	181	423	20
0	0	0	0	0	270	682	324	599	36

2	2	0	0	2	242	720	302	666	40
0	0	0	0	2	134	331.605	154	309.111	18
2	0	0	0	3	190	440	228	499	30
1	0	0	0	2	236	538	272	523	31
0	0	0	0	0	50	194	55	119	4
3	3	3	1	1	160	336	211	358	33
0	1	0	0	2	208	444.445	240	432	27
0	1	0	1	3	346	952	429	898	52
1	0	0	0	1	102	244.444	116	185	14
0	0	0	0	3	184	346	216	369	25
1	0	0	0	1	122	294	144	316	18
0	0	0	0	2	176	462.445	200	362	21
0	0	0	0	0	148	344	173	336	21
0	0	0	0	1	92	189.605	103	197.111	11
0	0	0	0	0	74	210.444	80	199.667	6
1	2	0	0	0	320	742	399	683	53
0	0	1	0	2	148	392.445	173	368.667	19
1	0	0	0	2	146	308.445	172	271	22
0	0	0	0	1	78	184	87	180	8
0	0	0	0	3	180	375.605	215	393.111	25
0	0	0	0	1	72	190	85	202	11
0	1	0	0	1	150	444	180	448	22
0	1	0	0	2	92	216	103	214	11
0	0	0	0	2	248	616.889	280	575.333	27
0	2	0	0	2	256	612	295	592	33
6	1	2	2	2	350	808	453	829	60
0	0	0	0	2	102	274	124	280	16
0	1	0	0	1	132	286	161	298	21
0	1	0	0	1	132	272	162	285	21
0	2	0	0	2	104	184.444	122	209.333	15
1	0	0	0	1	132	460.445	152	375	19
1	2	0	0	1	118	202	148	218	22
0	0	2	0	2	108	192	126	224	15
1	2	0	0	0	154	322	198	302	28
0	0	0	0	2	170	510	198	480	20
0	1	0	0	1	124	368.445	150	304	19
1	0	0	0	1	126	346.445	150	324	18
0	0	0	0	3	180	359.605	215	381.111	25
0	1	0	0	1	134	422	163	382	20
1	2	0	0	0	136	232	172	238	25
1	0	0	0	2	114	350	133	347	16
0	0	0	0	3	138	282	158	312	16
0	0	0	0	2	160	396	187	379	17
0	2	0	0	2	110	192.049	129	218.444	16
0	0	2	0	2	126	251.605	150	294.111	20
0	0	0	0	1	70	157.21	80	172.222	10
1	0	0	0	3	180	418	210	433	25
0	1	0	0	1	106	191.605	120	215.111	12
1	2	0	0	0	126	204	160	213	24
0	0	1	0	2	148	376.445	173	360.667	19



0	0	2	0	2	102	186	120	218	14
1	2	0	0	0	146	290	185	272	26
6	1	2	2	2	350	792	453	817	60
1	0	0	0	0	120	350.889	146	278.667	19
0	0	0	0	3	184	330	216	357	25
0	0	0	0	0	94	268.445	100	246.667	8
1	2	0	0	0	154	332	198	315	28
0	3	0	0	2	220	648	275	601	35
0	1	0	0	0	122	400	147	363	18
0	0	0	0	0	270	666	324	589	36
1	2	0	0	0	320	742	399	683	53
0	0	0	0	1	86	226	91	197	8
0	0	0	0	0	74	210.444	80	201.667	6
0	0	0	0	0	412	1068	477	955	39
2	2	0	0	2	242	720	302	666	40
0	1	0	0	1	122	384	147	347	18
0	3	0	1	1	146	442	179	411	24
0	1	0	1	3	346	952	429	898	52
0	1	0	0	1	168	592	193	534	21
0	1	0	0	1	126	394.445	153	332	20
0	0	0	0	2	194	485.21	229	490.222	28
0	3	0	1	1	146	442	180	410	24

SNar	HNar	GNar	Xt	Dz	Ram	Pol	LPRS	VDA	MSD
16.414	1.765	1.928	0.247	52.5	8	38	118.661	117.44	0.223
14.622	1.674	1.839	0.262	53	7	31	116.313	130.667	0.281
17.107	2.063	2.176	0.242	46.333	8	40	97.117	84.182	0.208
11.326	1.742	1.876	0.297	38.5	4	21	78.264	79	0.306
16.008	1.714	1.897	0.25	55.5	9	40	119.848	123.12	0.239
15.603	2	2.102	0.253	42.5	6	35	92.579	84	0.23
15.433	2	2.163	0.255	42.5	9	40	84.092	68	0.204
25.255	1.79	1.979	0.199	89.5	15	59	200.697	231.081	0.199
13.405	1.932	2.025	0.273	39.5	4	25	82.055	76.632	0.258
17.97	2.107	2.184	0.236	47.5	7	33	105.288	99.304	0.226
14.216	2	2.113	0.265	40.25	6	32	79.741	67.684	0.226
23.581	1.886	2.043	0.206	70.5	12	57	171.686	185.697	0.202
17.918	1.946	2.11	0.236	54	10	43	110.698	102.833	0.215
17.277	1.933	2.054	0.241	49.833	7	36	113.056	113.5	0.238
16.008	1.941	2.07	0.25	45.333	7	37	98.611	90.455	0.225
15.72	1.886	2.043	0.252	48.833	8	39	97.879	87.182	0.215
9.94	1.909	2.034	0.317	30.167	4	17	52.432	43	0.275
17.8	2.06	2.168	0.237	48.333	8	41	104.068	94.087	0.213
34.906	1.832	1.983	0.169	112.5	16	78	304.393	395.765	0.176
24.731	2.076	2.166	0.201	67	10	54	166.448	185.313	0.219
17.394	2.129	2.205	0.24	45.333	7	40	96.926	83.455	0.205
14.622	1.935	2.077	0.262	42.333	7	36	85.339	72.6	0.218
20.978	2	2.115	0.218	59.5	9	44	142.641	166.643	0.264
15.603	2	2.102	0.253	43.5	6	35	92.579	84	0.23
15.89	2.066	2.131	0.251	43.5	5	29	93.786	88.667	0.243
16.126	1.84	2.016	0.249	52.5	9	41	104.746	97.043	0.222
16.989	1.882	2.03	0.243	51.5	8	39	111.757	108.167	0.226
15.315	1.792	1.946	0.256	52.5	7	29	108.772	115.478	0.266
16.008	1.984	2.143	0.25	45.5	9	44	89.674	72.952	0.197
19.068	2	2.082	0.229	55.333	6	37	127.898	140.846	0.256
15.603	2	2.102	0.253	43	6	35	92.579	84	0.23
10.92	1.829	1.979	0.303	33.833	5	28	61.824	48.5	0.229
16.008	1.8	1.948	0.25	52	7	33	117.096	133.917	0.29
32.016	1.865	2.006	0.177	99	14	70	269.058	353.522	0.194
15.027	1.881	2.045	0.258	45.667	8	38	91.131	78	0.211
19.016	1.698	1.885	0.229	66	11	46	153.946	173.333	0.232
16.583	2.118	2.203	0.246	42.5	7	40	90.749	77.143	0.211
7.742	1.513	1.676	0.359	35	4	16	59.503	54.133	0.3
18.493	1.751	1.984	0.233	59	14	62	127.582	115.037	0.189
12.137	1.667	1.835	0.287	43.833	6	29	89.62	90.2	0.28
12.019	1.754	1.882	0.288	41.5	4	21	86.126	95.368	0.338
7.86	1.66	1.831	0.357	27.5	4	16	47.496	39.385	0.296
16.008	2.143	2.226	0.25	41.5	7	38	84.276	68.7	0.205
20.285	2.083	2.251	0.222	53.5	13	59	113.341	95.12	0.181
19.016	1.698	1.885	0.229	68	11	49	150.09	152.667	0.199
15.315	1.938	2.074	0.256	46.5	7	36	92.029	81.619	0.223
14.216	2	2.113	0.265	40.333	6	32	79.741	67.684	0.226
17.107	2.063	2.176	0.242	46	8	38	97.841	87.091	0.217
13.929	1.932	2.081	0.268	41	7	36	78.249	62.421	0.205

12.019	1.754	1.882	0.288	41.5	4	22	84.586	87.789	0.304
17.564	1.846	1.965	0.239	55.5	6	40	128.041	141	0.255
17.8	1.971	2.168	0.237	50.5	12	57	100.052	78.87	0.176
36.293	1.838	1.983	0.166	117.5	16	80	321.171	433.057	0.178
23.581	2	2.14	0.206	68.5	12	54	163.187	196.581	0.253
11.731	1.701	1.854	0.292	42	5	21	85.819	93.684	0.331
19.016	1.698	1.885	0.229	67	11	46	153.946	173.333	0.232
18.087	1.783	2.005	0.235	57	13	59	121.584	109.615	0.196
18.087	1.783	2.005	0.235	57	13	59	121.584	109.615	0.196
14.909	2	2.107	0.259	41	6	31	86.911	78.9	0.24
14.622	1.935	2.077	0.262	41	7	33	85.808	74.4	0.224
7.86	1.66	1.831	0.357	29	4	15	47.829	40.308	0.304
20.86	2.104	2.165	0.219	57.5	7	45	133.608	144.889	0.246
14.216	2	2.113	0.265	40.5	6	27	82.205	77.368	0.268
17.277	2.06	2.119	0.241	49.5	5	33	105.785	101.391	0.229
19.304	1.95	2.101	0.228	56	10	47	122.241	112.308	0.196
9.94	1.748	1.94	0.317	36.5	6	18	58.167	49.2	0.277
10.751	1.636	1.817	0.305	39	6	25	76.791	72.667	0.279
13.118	1.869	1.995	0.276	40	5	25	82.856	79.895	0.274
13.523	1.818	1.966	0.272	42	6	30	87.829	82.2	0.251
19.304	1.668	1.864	0.228	68	12	49	160.508	181.419	0.227
21.671	2.16	2.231	0.215	57	9	45	130.919	129.926	0.213
14.909	1.736	1.912	0.259	51.5	8	34	107.43	108.783	0.251
17.277	1.803	1.943	0.241	56.5	7	31	132.552	167.308	0.311
9.246	1.587	1.782	0.329	35	6	29	62.145	49.75	0.237
17.8	1.899	2.038	0.237	52.5	8	35	120.817	127.68	0.248
15.72	1.756	1.925	0.252	49.5	8	36	112.199	109.25	0.225
14.386	1.692	1.923	0.264	52.5	11	35	97.566	86.182	0.214
16.008	1.941	2.07	0.25	45	7	37	98.299	89	0.22
16.414	2.066	2.185	0.247	45	8	33	94.154	89.905	0.253
22.534	2.071	2.175	0.211	61.5	10	53	144.416	148	0.211
13.523	2.286	2.328	0.272	33.5	6	27	61.801	48.25	0.233
16.414	1.89	2.041	0.247	50	8	38	104.284	94.957	0.214
23.463	1.855	1.994	0.206	75.5	10	50	184.991	236	0.248
16.414	1.89	2.041	0.247	49.5	8	38	105.87	101.652	0.234
22.076	2.1	2.2	0.213	59.333	10	44	142.902	167.429	0.266
15.315	1.938	2.074	0.256	45.5	7	27	95.319	95.714	0.27
9.534	1.806	1.976	0.324	32	5	17	52.037	41.857	0.269
31.559	1.87	2.083	0.178	93.25	22	92	241.098	276.744	0.178
19.016	1.902	2.078	0.229	55.5	11	48	124.364	122	0.219
16.819	2.049	2.228	0.244	45.5	11	49	88.228	67.81	0.182
20.978	2.08	2.241	0.218	56.5	13	60	120.237	104.308	0.185
18.781	2.118	2.187	0.231	53	7	35	114.557	120.417	0.257
15.603	2	2.102	0.253	42.5	6	35	92.579	84	0.23
26.994	1.779	1.998	0.192	89.5	19	83	210.471	225.231	0.173
13.693	1.725	1.863	0.27	51.5	5	28	102.924	110.546	0.28
20.285	2	2.12	0.222	57.333	9	49	131.044	131.259	0.218
9.246	1.587	1.782	0.329	35	6	21	64.434	57.125	0.279
13.118	1.726	1.868	0.276	47	5	22	99.58	116.857	0.335
23.175	2.045	2.165	0.208	65.5	11	51	156.294	186.2	0.257

13.929	1.775	1.941	0.268	47	7	33	94.117	90.095	0.25
14.792	1.821	1.959	0.26	50	6	30	101.792	104.364	0.265
15.315	1.938	2.074	0.256	43.333	7	33	92.895	85.333	0.235
21.266	1.744	1.905	0.217	71	10	55	177.986	224.121	0.251
29.937	1.788	1.945	0.183	101.5	14	67	260.324	330.089	0.19
9.652	1.826	1.993	0.322	30	5	20	51.597	40.571	0.258
26.235	2.082	2.163	0.195	72.5	10	51	185.629	240.588	0.256
11.731	1.701	1.854	0.292	42	5	21	85.819	93.684	0.331
9.077	1.68	1.912	0.332	32	7	25	50.292	36.857	0.229
19.474	1.952	2.057	0.227	58.333	7	38	135.112	153.185	0.259
14.909	1.833	1.969	0.259	45.833	6	31	102.994	110.182	0.284
16.989	1.882	2.03	0.243	51.5	8	39	111.757	108.167	0.226
31.559	1.612	1.835	0.178	117.5	24	104	304.337	353.885	0.149
26.301	1.774	1.998	0.195	86.5	19	81	203.462	215.79	0.176
15.197	2.069	2.138	0.257	41	5	34	86.132	75.9	0.23
18.781	1.714	1.956	0.231	62.5	15	70	133.312	119.286	0.182
13.405	1.932	2.025	0.273	39.5	4	24	82.218	77.474	0.262
26.235	1.964	2.073	0.195	80	10	60	190.411	202.889	0.181
23.175	2.045	2.165	0.208	64.833	11	49	156.939	190.2	0.262
5.663	1.558	1.762	0.42	22.5	4	13	30.521	21.6	0.276
15.433	1.833	2.017	0.255	50	9	41	97.746	86.909	0.217
17.512	2.047	2.217	0.239	47.5	11	51	94.567	74.909	0.184
17.224	1.807	1.992	0.241	54.833	10	42	117.786	113.92	0.219
37.274	2.021	2.14	0.164	106.667	17	81	302.971	493.714	0.253
26.929	1.991	2.113	0.193	78.667	12	56	199.517	260.667	0.247
10.751	1.778	1.958	0.305	35.167	6	25	62.982	52.125	0.252
22.194	1.784	1.959	0.212	75	12	51	179.117	232.242	0.263
12.019	1.925	2.028	0.288	36.5	4	24	68.864	58.588	0.246
22.076	1.846	1.993	0.213	72	10	55	166.378	187.25	0.22
18.493	1.973	2.161	0.233	52.5	12	58	106.745	87.25	0.18
23.581	1.795	1.962	0.206	77.5	12	57	188.265	221.943	0.217
15.838	1.685	1.884	0.251	57	10	45	115.243	102.4	0.19
16.531	1.696	1.889	0.246	59	10	45	122.742	114.692	0.199
15.197	2.069	2.138	0.257	40.5	5	34	86.132	75.9	0.23
32.252	1.913	2.081	0.176	98	18	86	251.98	313.864	0.194
20.403	1.657	1.856	0.221	75	13	51	173.311	195.636	0.213
16.819	2	2.148	0.244	48.5	9	35	100.569	98.273	0.25
8.841	1.75	1.88	0.336	28.5	3	16	53.959	48.143	0.313
14.622	1.935	2.077	0.262	41.167	7	34	86.49	77	0.235
19.474	1.856	2.005	0.227	63	9	42	143.826	173.429	0.275
11.731	2.093	2.186	0.292	31	5	25	56.365	43.467	0.239
15.603	1.909	2.102	0.253	44	10	44	90.674	76.381	0.211
19.879	2.053	2.148	0.224	55.833	8	39	130.532	154.077	0.286
13.405	1.805	1.955	0.273	42.5	6	30	86.987	79.2	0.241
44.035	1.89	2.083	0.151	132	28	142	359.008	403.467	0.128
42.479	1.916	2.107	0.153	124	27	133	337.941	381.895	0.135
8.841	2.095	2.234	0.336	22.5	5	15	34.218	22.545	0.233
13.523	2	2.12	0.272	38	6	33	72.774	57.889	0.214
19.709	1.794	1.973	0.225	64.5	11	59	141.432	134.069	0.187
30.865	1.606	1.832	0.18	115.5	24	101	297.445	346.745	0.152

31.964	1.969	2.141	0.177	97	19	83	232.7	260.191	0.173
18.375	1.891	2.027	0.233	56.333	8	39	130.873	156.539	0.291
27.046	2.125	2.216	0.192	72	12	55	185.073	236.882	0.254
32.304	1.908	2.05	0.176	96.5	15	68	262.246	346.133	0.201
5.781	1.44	1.619	0.416	30	4	16	42.173	34.333	0.302
20.285	2.083	2.251	0.222	54.5	13	59	113.341	95.12	0.181
27.739	1.839	2.001	0.19	85.5	14	63	223.164	269.9	0.196
43.054	1.806	2.003	0.152	138.5	27	129	380.951	476.355	0.143
13.118	1.752	1.927	0.276	43.5	7	27	88.611	85.9	0.266
25.019	1.909	2.044	0.2	72.5	11	58	192.959	252.8	0.254
16.126	1.84	2.016	0.249	48.5	9	36	105.142	98.87	0.224
23.75	1.818	1.971	0.205	77.5	11	50	187.725	217.886	0.209
21.148	2.036	2.128	0.217	60.5	8	42	144.853	179.571	0.287
13.118	1.869	1.995	0.276	39.333	5	25	81.754	75.579	0.255
10.92	1.789	1.901	0.303	37	3	18	73.796	78.118	0.345
39.994	1.87	2.069	0.158	124	26	113	345.237	543.273	0.221
19.997	1.832	1.993	0.224	63	10	50	143.257	143.241	0.201
20.167	1.988	2.11	0.223	57	9	40	134.695	149.482	0.252
10.345	1.672	1.838	0.311	36	5	23	70.758	65.412	0.281
24.326	1.907	2.045	0.203	71.333	11	60	180.034	203.412	0.211
9.652	1.826	1.993	0.322	30	5	20	51.597	40.571	0.258
20.69	1.953	2.094	0.22	62.5	10	47	140.947	156.786	0.247
13.118	1.869	1.995	0.276	40.5	5	25	83.661	83.368	0.29
34.501	1.852	1.994	0.17	108	15	69	302.179	430.76	0.202
34.501	1.867	2.022	0.17	106	17	77	291.199	388.245	0.189
43.342	1.888	2.085	0.152	129	28	140	351.801	395.186	0.13
14.099	1.983	2.1	0.266	41	6	32	78.915	64.947	0.215
18.205	2	2.135	0.234	51	9	42	111.728	107.167	0.226
18.205	2	2.135	0.234	51	9	43	111.321	105.5	0.222
14.909	2	2.107	0.259	41	6	31	86.911	78.9	0.24
17.394	1.84	2.005	0.24	58	9	36	121.299	130.48	0.257
15.315	1.983	2.151	0.256	42	9	39	85.282	72.4	0.223
15.603	2	2.102	0.253	43	6	35	92.579	84	0.23
18.087	1.783	2.005	0.235	57	13	59	121.584	109.615	0.196
23.175	1.821	1.977	0.208	75.5	11	55	181.59	214.059	0.223
16.008	1.828	2.006	0.25	51.5	9	42	104.782	97.043	0.222
16.819	1.846	2.015	0.244	52.5	9	39	114.103	118.25	0.253
24.326	1.907	2.045	0.203	71.333	11	60	180.034	203.412	0.211
16.937	1.765	1.969	0.243	57.5	11	47	116.753	108.96	0.21
16.701	1.865	2.067	0.245	48	11	48	103.405	91.478	0.211
16.008	1.941	2.07	0.25	48.5	7	32	101.561	103.455	0.267
20.167	1.953	2.055	0.223	57.5	7	41	140.096	152.929	0.237
21.266	1.744	1.905	0.217	71	10	55	177.986	224.121	0.251
15.315	1.938	2.074	0.256	43.333	7	33	92.895	85.333	0.235
17.8	2.06	2.168	0.237	48.333	8	41	104.068	94.087	0.213
9.94	1.909	2.034	0.317	30.167	4	17	52.432	43	0.275
26.235	2.082	2.163	0.195	72.5	10	51	185.629	240.588	0.256
14.909	1.833	1.969	0.259	45.833	6	31	102.994	110.182	0.284
15.603	1.909	2.102	0.253	44	10	44	90.674	76.381	0.211
19.997	1.832	1.993	0.224	63	10	50	143.257	143.241	0.201

15.197	2.069	2.138	0.257	41	5	34	86.132	75.9	0.23
17.8	1.829	2.038	0.237	54	12	53	115.668	104.4	0.202
43.342	1.888	2.085	0.152	129	28	140	351.801	395.186	0.13
15.315	1.821	2.006	0.256	49.5	9	39	98.544	89.818	0.226
25.019	1.909	2.044	0.2	72.5	11	58	192.959	252.8	0.254
13.118	1.726	1.868	0.276	47	5	22	99.58	116.857	0.335
18.087	1.783	2.005	0.235	57	13	59	121.584	109.615	0.196
26.994	1.779	1.998	0.192	89.5	19	83	210.471	225.231	0.173
16.126	1.84	2.016	0.249	52.5	9	41	104.746	97.043	0.222
30.865	1.606	1.832	0.18	115.5	24	101	297.445	346.745	0.152
39.994	1.87	2.069	0.158	124	26	113	345.237	543.273	0.221
11.731	1.701	1.854	0.292	42	5	21	85.819	93.684	0.331
10.92	1.789	1.901	0.303	37	3	18	73.796	78.118	0.345
48.561	1.56	1.771	0.144	187.5	36	150	575.673	878.518	0.138
31.964	1.969	2.141	0.177	97	19	83	232.044	256.048	0.17
16.126	1.84	2.016	0.249	52	9	41	104.746	97.043	0.222
18.729	1.857	2.055	0.231	59	12	50	122.596	114.077	0.203
43.054	1.806	2.003	0.152	138.5	27	129	380.951	476.355	0.143
22.194	1.784	1.959	0.212	75	12	51	179.123	232.242	0.263
15.72	1.781	1.981	0.252	52.5	10	41	104.762	96.957	0.222
26.929	1.991	2.113	0.193	78.667	12	56	199.517	260.667	0.247
18.729	1.857	2.055	0.231	59	12	51	122.609	114.154	0.203

SMTI	SMTIV	GMTI	GMTIV	Xu	SPI	W	WA	Har	Har2
5942	8744	5734	12016	23.767	15.452	1468	4.893	45.314	90.63
6074	9990	5638	14707	23.869	16.841	1568	5.681	40.414	79.508
4183	6481.827	4437	10276	20.797	7.938	926	4.009	43.547	81.47
2798	4240	2580	5678	18.51	10.473	711	4.647	28.792	51.821
6243	9867.444	6049	14544.33	24.02	16.546	1539	5.13	45.615	90.385
3814	5211	3867	7045	20.303	8.212	882	4.2	39.094	72.709
3110	4840	3277	7629	18.793	8.928	680	3.579	40.217	72.719
18015	38809	18499	83669	33.089	24.716	4275	6.419	73.786	163.695
3046	4482	2988	6254	18.927	7.491	728	4.257	32.598	59.32
5166	6599	5548	8874	22.144	5.278	1142	4.514	44.227	83.458
2841	4727.623	2910	7666.519	18.368	7.22	643	3.76	35.462	63.846
12984	19093	13275	28354	29.993	18.803	3064	5.803	65.509	140.434
5464	9590	5728	16908	22.696	11.858	1234	4.471	47.023	90.587
5860	7839.383	6027	10526.33	23.247	10.497	1362	4.935	44.419	85.808
4264	5710.494	4298	7510.556	21.111	10.226	995	4.307	41.289	78.043
4113	7743.938	4143	14048.56	20.905	11.371	959	4.152	41.86	79.29
1316	1946.877	1284	2626.642	14.07	5.593	301	3.308	23.602	38.719
4854	6896.605	5148	10068	21.805	8.553	1082	4.277	45.194	85.691
42188	72121	43521	125901	42.764	31.647	10092	7.915	101.459	253.924
13271	19752	14444	31612	29.689	10.082	2965	5.978	64.338	134.125
4157	5719.827	4425	8158.333	20.773	5.766	918	3.974	43.416	81.423
3173	5052.938	3225	7848.778	19.143	8.995	726	3.821	37.877	69.49
10209	15346	10824	23969	27.153	12.089	2333	6.172	53.128	105.315
3814	5555	3867	7905	20.303	8.212	882	4.2	39.094	72.709
4054	5761.444	4168	8157.333	20.567	5.89	931	4.433	38.11	70.637
4751	8835	4773	15731	21.916	12.958	1116	4.411	43.96	84.247
5461	9240	5443	15075	22.932	12.699	1298	4.703	45.307	87.888
5434	10427	5291	18943	22.743	13.899	1328	5.249	39.951	76.561
3443	5282	3573	8114	19.575	9.531	766	3.648	42.706	78.646
7722	11524.49	7838	17230.22	25.316	9.893	1831	5.634	47.375	93.687
3814	5206	3867	7010	20.303	8.212	882	4.2	39.094	72.709
1646	2407.16	1565	3179.889	15.475	7.453	388	3.233	28.608	49.493
6654	11142	6637	18034	24.054	13.874	1607	5.822	41.68	80.287
34166	52788	35377	83679	39.907	26.648	8131	7.856	89.531	213.873
3544	5899.321	3578	9477.901	19.912	10.755	819	3.9	40.136	74.961
10358	16922	9961	26037	28.202	21.805	2600	5.977	55.165	116
3642	4842	3800	6604	19.907	5.889	810	3.857	41.71	76.681
1478	3096	1218	4900	15.372	10.856	406	3.867	22.529	39.41
6674	10810	6781	17511	24.554	17.799	1553	4.425	57.008	114.14
3516	5474.938	3226	7380	20.07	13.447	902	4.747	33.379	62.269
3559	5520	3313	7660	19.878	11.157	906	5.298	30.116	54.578
1025	1540	899	1894	13.162	7.777	256	3.282	20.429	33.419
3169	4517	3389	6660	18.909	5.297	687	3.616	39.674	71.918
5647	7953	6305	12138	22.811	10.154	1189	3.963	54.997	105.423
9064	16992	8619	29466	27.486	21.116	2290	5.264	56.779	121.307
3709	7151	3760	13376	20.15	9.61	857	4.081	39.515	73.595
2841	4623.271	2910	7370.222	18.368	7.22	643	3.76	35.462	63.846
4327	5965.111	4598	8435.667	20.962	8.233	958	4.147	43.132	80.434
2608	4622	2633	7914	17.96	8.47	593	3.468	36.44	65.962

3271	5205	3025	7297	19.49	10.967	834	4.877	30.492	55.795
7466	10894	7315	15047	25.292	13.038	1833	5.64	46.43	92.935
4166	6536	4423	10524	20.825	11.201	907	3.585	50.19	94.397
47942	82268	49485	144347	44.242	32.621	11476	8.328	104.693	264.562
13673	22577	14936	39873	29.472	14.9	3047	6.553	61.384	124.326
3495	5889	3245	8791	19.776	12.362	890	5.205	30.398	55.104
10358	17722	9961	28641	28.202	21.805	2600	5.977	55.165	116
6169	10127	6302	16704	23.87	16.283	1425	4.385	54.439	107.41
6169	10339	6302	17373	23.87	16.283	1425	4.385	54.439	107.41
3428	4641.778	3474	6186	19.528	7.955	789	4.153	36.862	67.206
3232	4377.778	3258	5796.667	19.225	9.232	744	3.916	37.5	68.669
1053	1855	931	2599	13.243	7.812	262	3.359	20.308	33.155
8531	12865.44	8950	20088.67	25.95	7.405	1956	5.573	51.715	102.477
3213	4851	3261	7225	18.94	7.755	735	4.298	34.473	61.233
5019	7695	5143	11707	22.179	6.211	1166	4.609	42.135	80.95
6352	10736	6567	18336	24.014	12.893	1460	4.492	52.043	103.472
1575	3624.778	1497	7077.667	14.999	8.702	369	3.514	25.92	43.275
2550	4022	2304	5366	18.079	12.355	654	4.275	29.79	53.881
3145	4561	3041	5981	19.044	9.427	759	4.439	32.632	58.984
3408	4706	3317	6047	19.684	10.606	822	4.326	35.239	65.156
11182	18030	10742	27354	28.915	23.362	2812	6.047	57.694	122.528
8043	11408	8869	17420	25.377	6.126	1754	4.997	54.078	106.796
5115	8448.111	4971	12950.33	22.442	14.574	1251	4.945	41.194	79.242
8928	12990	8875	18247	26.182	15.264	2175	6.692	44.706	87.471
1546	2470.444	1334	3112.333	15.496	10.693	398	3.317	27.486	48.427
6803	9733.889	6959	13874.78	24.234	12.863	1596	5.32	45.88	89.45
5332	7376	5153	9553	22.935	14.935	1311	4.75	43.368	85.526
4008	7185.778	3924	12094	20.774	14.905	948	4.104	43.049	80.857
4204	5674	4242	7525	21.029	10.021	979	4.238	41.433	78.461
4339	6374	4710	9731	20.647	7.706	944	4.495	40.147	72.652
9723	13478	10621	19830	26.989	8.988	2146	5.286	58.989	119.052
1886	2782	2074	4285	15.525	0	386	3.217	31.044	51.538
4683	8208	4745	14076	21.841	11.38	1092	4.316	43.678	84.085
16584	27810	16744	46281	31.916	19.671	4012	7.152	62.47	134.287
4961	8803	4976	15154	22.083	12.112	1169	4.621	43.188	82.485
10723	15693.05	11898	25046.37	27.186	9.942	2344	6.201	54.572	106.523
4342	6987	4431	10988	20.904	10.182	1005	4.786	37.957	69.544
1267	2464.111	1200	4221.333	13.9	6.995	293	3.22	24.062	39.412
26604	38897.4	29092	61407.63	36.89	27.711	5950	6.589	95.753	218.727
6895	10329	7118	15734	24.444	14.439	1586	4.88	51.659	101.573
3359	5145	3631	8224	19.22	9.179	712	3.39	45.181	82.187
6379	9165	7093	14171	23.744	10.476	1356	4.172	57.055	110.714
6519	11014	7056	19510	23.553	6.47	1445	5.236	45.103	85.322
3814	5377	3867	7476	20.303	8.212	882	4.2	39.094	72.709
18727	34074	19417	63410	33.788	27.332	4392	5.927	83.704	189.164
4722	9556	4364	16742	22.061	13.548	1216	5.264	36.479	69.939
7698	11666.16	8008	18025.89	25.353	11.872	1772	5.048	53.179	106.252
1794	2884	1594	3784	16.05	11.146	457	3.808	26.389	45.962
4822	8414.111	4532	13155.33	21.792	13.45	1227	5.843	33.6	62.512
12615	20112	13857	34332	28.71	12.59	2793	6.421	59.076	118.322



3878	7042	3742	11896	20.556	12.628	946	4.505	37.415	70.181
4718	9100	4607	15997	21.785	11.918	1148	4.97	38.532	72.943
3855	5117.938	3883	6656.704	20.353	9.931	896	4.267	39.029	72.374
14914	23762	14682	36716	31.106	22.112	3698	7.004	60.493	129.585
30652	54218	31144	96116	38.981	29.254	7427	7.502	86.997	209.533
1230	2065	1172	3049	13.806	6.811	284	3.121	24.139	39.71
18048	28169	19481	46793	32.097	11.984	4090	7.291	65.513	136.941
3495	5945	3245	8983	19.776	12.362	890	5.205	30.398	55.104
1105	2179	1012	3560	13.321	8.605	258	2.835	25.063	41.35
8695	14133.16	8819	22800	26.223	12.413	2068	5.892	49.294	98.417
4982	6695.605	4869	8439.556	22.047	12.02	1212	5.247	38.156	71.859
5461	9240	5443	15075	22.932	12.699	1298	4.703	45.307	87.888
36968	58038	36484	89034	42.249	44.269	9201	6.939	110.702	283.13
17544	31224	18236	56907	33.088	26.834	4100	5.832	81.555	182.479
3306	4592	3360	6315	19.373	5.747	759	3.995	37.124	68.048
7136	12152	7214	20564	25.2	19.109	1670	4.418	60.222	122.143
3074	4512	3008	6254	18.985	7.689	736	4.304	32.514	59.108
15254	24088	15473	37956	31.848	16.552	3652	5.797	71.805	160.748
12880	19877.16	14150	33146	28.819	12.734	2853	6.559	58.737	117.315
444	882	351	1171	9.551	5.96	108	2.4	15.609	23.533
4060	7806	4030	14295	20.865	12.641	956	4.139	42.357	80.117
3830	5742	4108	8883	20.141	9.653	824	3.567	47.202	87.321
5974	10417.83	5956	17583	23.651	15.279	1424	4.747	47.782	94.143
53584	82397.32	58696	137796.2	43.525	23.701	12096	10.286	99.18	227.519
20536	31714.1	22012	51846.2	33.468	17.066	4692	7.448	70.625	150.626
1768	3016.099	1693	4591.815	15.746	8.875	417	3.475	28.107	48.331
15935	30858	16151	59806	31.328	22.375	3832	7.258	61.437	129.379
2108	3288	2050	4708	16.792	6.588	498	3.662	29.459	51.949
12232	21860	12082	37936	29.676	18.342	2996	6.04	61.237	130.668
4757	7635	5028	12582	21.797	11.669	1047	3.793	52.101	99.43
16083	28211	16251	48853	32.076	22.123	3884	6.528	67.199	147.451
5104	10215	4798	18535	22.99	17.133	1280	4.267	47.661	96.406
5938	11626	5611	20794	24.059	17.876	1491	4.588	49.119	100.287
3306	4598	3360	6352	19.373	5.747	759	3.995	37.124	68.048
29939	49238	31803	85223	38.177	26.308	6905	7.299	92.832	214.664
12814	24222.45	12322	43306.67	30.289	25.432	3228	6.114	62.05	135.129
4922	7732	5293	12715	21.555	9.792	1081	4.68	41.66	76.862
1354	2046	1228	2709	14.487	7.175	337	3.703	21.752	36.327
3346	4439.876	3390	5830.593	19.381	9.407	770	4.053	37.402	68.229
10292	19532.45	10584	37306.33	27.34	15.589	2428	6.423	51.463	102.69
1515	2176	1569	3058	14.609	3.991	326	3.105	27.653	45.769
3630	4928	3807	6883	19.813	10.674	802	3.819	42.726	78.11
8941	13189.6	9662	20543.45	25.769	9.478	2003	6.163	48.516	93.065
3268	4668	3149	6196	19.534	10.673	792	4.168	35.705	66.197
52934	83558	56913	140690	46.394	37.342	12104	6.838	146.008	381.038
47985	73844	51981	122242	44.814	34.682	10884	6.82	136.83	349.29
637	701	649	783	10.262	3.088	124	2.255	20.292	30
2322	3894	2366	6367	17.188	6.689	521	3.405	34.051	60.412
7980	14189	7829	24195	26.258	18.301	1944	4.788	57.814	121.112
35579	56231	35155	86943	41.699	43.725	8842	6.935	108.099	274.062

24304	42714	26410	80593	36.056	23.465	5464	6.346	91.853	209.851
8714	14076.94	9030	22944.11	25.848	13.454	2035	6.262	47.252	91.644
18167	26959	20015	43410	31.986	12.031	4027	7.178	67.983	140.585
33506	50719	35486	80663	39.345	24.546	7788	7.867	89.326	208.961
742	1830	571	3235	12.103	8.766	206	3.121	17.479	28.743
5647	8457	6305	13650	22.811	10.154	1189	3.963	54.997	105.423
22790	33007.11	23573	48705.67	35.458	24.307	5398	6.921	78.53	178.949
63146	107570	66656	192200	48.683	41.979	14767	7.809	141.127	374.191
3511	5508.778	3350	7966	19.838	12.361	859	4.521	35.203	64.595
18948	26223	19858	37645	32.807	18.363	4424	7.435	67.521	143.62
4824	7452	4828	11168	21.987	13.354	1137	4.494	43.298	82.869
15904	25690.78	16192	41535	31.953	20.488	3813	6.408	66.26	145.856
11162	16572	12056	26041	27.59	9.61	2514	6.651	52.384	102.736
2990	4242.494	2908	5654.444	18.85	9.253	718	4.199	32.891	59.845
2648	4560.444	2480	7039.333	17.961	8.859	664	4.882	26.364	46.157
66309	102296	72760	172118	46.85	37.684	14940	10.061	119.191	285.135
8597	13906.44	8544	21814.67	26.718	17.087	2077	5.116	56.164	117.173
8903	12835.11	9480	19320.33	26.085	11.458	2018	5.749	51.39	100.981
2189	3247	1987	4121	17.164	10.702	556	4.088	27.765	49.396
14812	21578.94	15449	32438.11	31.071	17.237	3458	6.164	67.601	145.597
1230	2065	1172	3049	13.806	6.811	284	3.121	24.139	39.71
9580	16637	10102	29819	26.801	13.814	2195	5.807	54.112	107.941
3306	4993	3234	7087	19.279	9.373	792	4.632	32.45	58.376
45118	68590.89	46699	106787.8	43.078	30.093	10769	8.791	96.166	234.826
40607	62393	42739	99305	41.856	29.421	9512	8.088	98.509	238.427
51118	78592	55090	129318	45.85	36.898	11658	6.814	143.328	371.159
2714	4796	2752	8196	18.2	6.926	617	3.608	35.956	64.899
5696	8474	5995	12897	22.876	10.613	1286	4.659	46.91	89.69
5588	8148	5851	12087	22.79	10.796	1266	4.587	47.147	90.301
3428	4431.778	3474	5596.667	19.528	7.955	789	4.153	36.862	67.206
6957	13752.78	7104	26615.33	24.38	14.188	1631	5.437	46.215	89.639
3315	4659	3512	6787	19.112	9.128	724	3.811	39.946	71.7
3814	4982	3867	6374	20.303	8.212	882	4.2	39.094	72.709
6169	9883	6302	15903	23.87	16.283	1425	4.385	54.439	107.41
15116	26382	15314	45512	31.441	20.272	3639	6.487	64.845	140.765
4807	8676.111	4897	15402.33	21.988	12.29	1116	4.411	44.187	84.52
6042	9918.777	6139	16067	23.354	13.812	1419	5.141	44.672	85.722
14812	21258.94	15449	31503.67	31.071	17.237	3458	6.164	67.601	145.597
5717	10439	5687	17947	23.394	16.148	1362	4.54	48.828	96.459
4660	6463	4833	9138	21.594	12.889	1052	4.158	46.953	88.558
4894	8965	4995	16210	21.782	10.205	1138	4.926	40.158	74.833
8974	12514	9080	17304	26.692	12.38	2141	5.664	51.898	105.842
14914	23402	14682	35600	31.106	22.112	3698	7.004	60.493	129.585
3855	4891.938	3883	6040.926	20.353	9.931	896	4.267	39.029	72.374
4854	6642.605	5148	9292	21.805	8.553	1082	4.277	45.194	85.691
1316	1933.877	1284	2587.531	14.07	5.593	301	3.308	23.602	38.719
18048	27755	19481	45375	32.097	11.984	4090	7.291	65.513	136.941
4982	6443.605	4869	7724.444	22.047	12.02	1212	5.247	38.156	71.859
3630	4928	3807	6883	19.813	10.674	802	3.819	42.726	78.11
8597	13550.44	8544	20650.67	26.718	17.087	2077	5.116	56.164	117.173

3306	4374	3360	5681	19.373	5.747	759	3.995	37.124	68.048
5686	8769	5839	13660	23.175	14.83	1305	4.35	51.545	100.337
51118	77724	55090	126378	45.85	36.898	11658	6.814	143.328	371.159
4277	7569.889	4357	13118	21.125	11.937	988	4.277	42.114	79.263
18948	25829	19858	36543	32.807	18.363	4424	7.435	67.521	143.62
4822	8126.111	4532	12171.33	21.792	13.45	1227	5.843	33.6	62.512
6169	10127	6302	16704	23.87	16.283	1425	4.385	54.439	107.41
18727	34074	19417	63410	33.788	27.332	4392	5.927	83.704	189.164
4751	8825	4773	15447	21.916	12.958	1116	4.411	43.96	84.247
35579	55389	35155	84281	41.699	43.725	8842	6.935	108.099	274.062
66309	102296	72760	172118	46.85	37.684	14940	10.061	119.191	285.135
3495	5737	3245	8289	19.776	12.362	890	5.205	30.398	55.104
2648	4566.444	2480	7044	17.961	8.859	664	4.882	26.364	46.157
145530	226554	140836	339436	62.326	82.78	37337	10.459	177.958	539.728
23920	41966	25990	78997	35.95	23.315	5377	6.245	92.227	211.176
4751	8663	4773	14885	21.916	12.958	1116	4.411	43.96	84.247
6440	11470	6639	19897	24.108	15.51	1483	4.563	52.659	104.191
63146	107570	66656	192200	48.683	41.979	14767	7.809	141.127	374.191
15935	32106	16151	64454	31.325	22.38	3832	7.258	61.421	129.337
4784	8905.111	4846	16163.33	21.946	13.755	1115	4.407	44.326	84.687
20536	31714.1	22012	51846.2	33.468	17.066	4692	7.448	70.625	150.626
6444	11464	6643	19881	24.114	15.497	1484	4.566	52.727	104.297

QW	TI1	TI2	STN	HyDp	RHyDp	w	ww	Rww	D/D
1301.667	44.343	3.442	3.584	5191	54.617	2124	10195	31.969	220.271
1404	0	4.656	1.792	6784	48.263	1964	9730	34.996	225.542
623.401	69.219	2.008	7.085	2770	52.098	2845	20715	7.363	80.358
659	0	4.451	1.792	2544	33.77	999	4776	22.836	117.048
1343.133	45.756	4.306	3.401	5892	54.907	2313	12519	31.348	209.267
671.833	53.086	2.827	5.481	2780	46.552	2581	18982	11.309	83.231
406.596	49.359	1.415	7.04	1840	47.934	2674	20637	4.786	50.68
3572.533	241.92	4.746	6.985	19663	90.54	7116	50946	41.488	415.748
624.667	27.831	2.973	3.584	2311	38.444	1160	5431	18.513	115.265
929.048	98.935	3.174	6.628	3830	52.688	2009	10689	18.97	150.528
449.919	39.112	2.098	5.505	1821	42.029	1706	10431	7.557	68.652
2458.672	185.819	3.807	6.843	12891	80.043	7056	58801	33.349	271.42
877.357	89.758	2.378	6.446	4135	56.453	2699	16263	15.715	132.006
1156.9	80.433	3.837	5.193	4989	53.08	2092	10811	24.103	186.64
756.733	57.192	2.763	5.481	3194	49.349	2861	21111	12.512	92.39
701.138	52.99	2.344	5.505	2952	50.164	2376	15150	12.51	100.812
240.5	14.412	2.617	3.401	778	27.314	575	2507	9.629	51.051
721.283	76.81	2.218	7.272	3453	54.115	3284	25261	7.629	89.981
7272.464	361.057	3.59	8.412	55157	126.495	26459	312422	28.328	536.587
2365.568	242.01	4.8	8.56	13271	78.086	5047	35145	28.468	300.973
612.246	67.981	1.826	7.272	2702	51.958	3011	23126	6.128	76.095
511.337	42.331	2.053	5.505	2077	45.137	1901	11608	8.869	77.249
1726.684	152.652	4.844	6.951	11160	63.589	4035	28150	20.348	217.798
671.833	53.086	2.827	5.481	2780	46.552	2581	18982	11.309	83.231
766.571	60.572	3.256	5.165	3076	45.144	1865	10961	16.413	115.758
796.552	57.69	2.41	5.347	3722	52.797	2424	14326	15.504	122.778
1020.069	70.919	2.534	5.159	4554	54.38	2374	13092	21.254	161.609
1187.793	43.909	4.307	3.367	5180	47.454	2078	11780	27.601	178.381
473.159	54.879	1.197	7.002	2100	51.162	2941	22741	6.276	58.272
1458	93.851	3.947	5.375	7856	56.679	2659	14366	25.103	226.18
671.833	53.086	2.827	5.481	2780	46.552	2581	18982	11.309	83.231
302.667	15.938	1.922	3.584	952	33.736	772	3352	11.992	66.856
1424.5	50.509	5.855	3.584	7193	49.517	2207	12687	28.286	206.732
7566.5	415.223	6.212	7.167	44468	110.455	10657	74617	66.702	813.45
588.13	46.472	2.122	5.505	2365	48.036	2148	13571	10.323	86.454
2330.4	66.372	5.022	3.555	11488	66.98	4490	30739	37.99	274.276
574.213	66.599	2.182	6.804	2364	49.772	2580	18441	9.447	73.782
406	-24.33	3.038	0	1193	26.387	406	1193	26.387	105
1030.495	94.306	2.084	6.893	5185	69.613	5063	41405	15.284	119.888
818.667	0	4.383	1.792	3275	39.599	1214	5531	26.699	148.52
801.333	0	4.907	1.792	3788	35.253	1098	5048	24.944	143.572
222	0	2.73	1.792	660	23.633	418	1575	12.824	52.676
415.265	50.411	1.156	7.247	1860	47.233	2913	24350	2.599	47.372
725.78	114.936	1.623	9.541	3548	66.513	4752	41855	8.941	80.046
1995.167	56.824	2.752	3.584	8643	69.551	3706	21293	39.282	289.152
617.293	48.777	2.248	5.505	2612	47.144	2120	13158	11.039	91.201
449.919	39.112	2.098	5.505	1821	42.029	1706	10431	7.557	68.652
642.675	71.359	2.201	7.085	2983	51.472	2831	20788	7.659	84.46
402.158	34.96	1.208	5.481	1530	43.44	2043	13952	7.14	55.763

777.333	0	4.586	1.792	3116	35.848	1170	5864	24.673	130.894
1687.333	55.312	5.289	3.584	7799	55.784	2385	12275	35.278	258.6
532.482	74.16	1.086	8.442	2432	60.675	3936	33473	7.214	62.242
8212.436	392.754	3.758	8.504	65773	130.445	30619	384765	28.078	572.642
2214.611	233.448	5.451	8.714	15411	73.863	6017	51058	18.09	233.633
785.333	0	4.849	1.792	3650	35.634	1082	4898	25.247	143.39
2330.4	66.372	5.022	3.555	11488	66.98	4490	30739	37.99	274.276
939.276	89.09	2.111	6.893	4757	66.225	4677	38213	14.078	110.638
939.276	89.09	2.111	6.893	4757	66.225	4677	38213	14.078	110.638
599.819	49.656	2.906	5.318	2482	43.663	2197	15378	11.304	78.946
554.819	45.931	2.421	5.318	2176	44.587	2152	14736	11.783	77.53
226.333	0	2.87	1.792	694	23.457	394	1418	13.728	56.64
1431.083	130.966	3.973	7.272	8420	62.079	4675	38942	15.484	161.533
591.757	51.442	3.728	4.942	2468	40.521	1755	11348	13.194	81.978
969	70.179	3.16	5.375	3929	50.294	2054	11189	19.295	152.183
1054.642	100.032	2.461	7.11	4778	63.01	4204	33738	14.414	127.399
281.379	15.773	2.562	3.367	1029	30.162	759	3506	11.439	56.945
583.167	0	3.617	1.792	2147	35.171	904	3792	23.848	117.504
654.897	29.177	3.801	3.367	2570	38.42	1351	7216	18.896	107.329
704.167	29.842	3.638	3.584	2681	41.825	1460	7882	18.972	115.849
2528.629	69.731	5.086	3.555	12545	70.248	4828	33333	40.811	295.352
1332.241	159.863	3.651	8.643	6474	65.021	4180	32837	14.909	155.697
1095.267	40.489	4.311	3.401	4644	49.226	1927	10380	27.267	173.011
1879.333	61.606	6.319	3.584	11310	53.062	2727	16338	33.162	261.814
342	0	1.968	1.792	1005	32.594	616	2172	19.04	85.17
1396.733	93.368	4.744	5.011	6331	54.801	2430	13518	26.337	201.51
1163.167	41.243	3.423	3.584	4515	52.144	1911	9009	30.079	202.09
719.771	54.398	2.493	4.942	2928	51.637	2310	14049	17.629	107.278
756	57.136	2.836	5.481	3081	49.575	2808	20705	13.637	95.632
714.796	82.905	3.817	6.625	3288	47.401	2055	13226	11.959	99.075
1681.718	188.742	4.048	8.451	8423	71.332	3842	24307	24.352	235.266
222.02	33.14	1.536	6.773	977	36.186	1531	10691	1.453	30.789
850.495	61.597	2.541	5.347	3477	52.465	2328	13787	17.667	131.64
3567.667	177.125	6.35	4.97	21372	75.624	5332	35932	47.152	432.675
913.839	66.184	3.341	5.159	4082	51.677	2376	14885	19.408	135.84
1711.126	198.463	5.238	8.526	11279	65.086	4544	36025	15.41	193.443
798.966	63.132	3.718	4.977	3712	44.786	1882	10950	16.539	116.691
228.655	13.702	2.413	3.367	744	27.907	657	3068	10.063	46.576
4352.022	493.76	4.822	11.784	28699	118.948	15351	163046	29.62	367.267
1147.08	108.8	3.257	6.843	5865	62.294	4317	33934	17.958	136.508
398.413	60.336	0.892	8.442	1815	54.159	3238	27065	4.625	48.33
836.193	127.751	1.931	9.829	4276	69.116	5212	46938	9.42	90.354
1122.253	114.812	4.467	6.951	5764	53.508	2951	21540	14.221	141.249
671.833	53.086	2.827	5.481	2780	46.552	2581	18982	11.309	83.231
3112.762	263.986	3.107	8.873	18705	103.962	12372	120751	26.806	286.89
1083.833	0	3.44	1.792	4796	43.334	1444	6254	31.952	198.191
1257.058	115.04	3.102	7.272	6726	64.239	4620	37562	15.271	150.079
399.833	0	3.14	1.792	1348	30.981	661	2570	19.861	89.071
1151.6	0	6.162	1.609	5567	39.475	1423	7163	31.084	183.212
2031.308	220.834	5.362	8.714	13856	70.896	5577	46979	16.718	216.829

754.667	30.494	3.254	3.584	3232	44.566	1544	7613	20.068	134.004
955.667	36.899	3.689	3.584	4312	45.781	1604	7612	25.105	171.416
679.539	53.695	2.843	5.318	2875	46.413	2448	17185	12.52	88.11
3307.333	85.759	6.842	3.584	19459	73.499	4634	28819	48.149	426.649
5451	205.888	3.736	6.528	39235	107.824	16176	154136	29.476	494.24
217.167	13.014	2.067	3.401	692	28.055	555	2304	9.613	49.966
3159.31	305.219	5.918	8.743	22647	78.85	7251	63546	25.482	322.07
785.333	0	4.849	1.792	3650	35.634	1082	4898	25.247	143.39
184.207	11.039	1.097	3.367	565	29.314	664	2918	7.774	38.634
1663	103.22	4.378	5.375	9281	59.046	2932	16253	27.378	249.52
1053.543	40.678	5.025	3.555	4904	45.221	2086	12839	23.014	148.67
1020.069	70.919	2.534	5.159	4554	54.38	2374	13092	21.254	161.609
7230.429	237.02	3.252	6.223	43636	140.494	19055	169061	51.598	695.592
2885.744	250.862	3.189	8.873	17274	101.136	11702	113669	24.869	267.445
561.667	46.498	2.391	5.481	2282	44.102	2328	16802	9.21	70.808
1112.496	98.353	2.028	6.893	5555	73.894	5473	44906	16.5	128.507
634.667	28.276	2.993	3.584	2371	38.318	1120	5011	19.176	119.857
2857.514	198.666	2.42	7.139	14864	88.484	7050	49267	35.189	349.639
2156.172	234.409	5.813	8.526	14454	70.373	5475	45966	18.571	225.84
89.2	0	1.265	1.609	208	17.833	181	505	9.107	29.188
687.915	51.991	2.278	5.293	3000	50.841	2688	18371	13.146	91.933
476.756	69.178	1.11	8.442	2211	56.744	3582	30310	6.071	56.383
1104.851	73.857	2.867	5.159	5036	57.609	2823	17053	21.566	160.319
8859.934	888.946	8.403	11.995	94912	121.117	16291	153576	47.601	832.285
3601.767	329.616	5.98	8.594	26511	85.52	6768	49042	34.087	427.708
313.833	16.526	2.282	3.584	1122	32.991	815	3709	11.174	66.269
3115.343	159.22	6.278	5.347	21228	74.247	5578	40455	38.973	376.601
409.333	20.322	2.163	3.584	1371	34.671	834	3507	15.528	88.713
2443.529	128.671	3.445	5.318	13430	74.675	6636	53926	29.446	243.242
635.702	85.116	1.326	8.442	2987	63.105	4319	37235	8.821	72.322
3421	165.123	5.585	5.375	18656	82.247	6062	42857	42.774	398.839
1084	36.928	2.243	3.584	3902	58.106	2390	12943	28.626	179.456
1256.833	41.2	2.48	3.584	4924	59.835	2583	13834	30.778	204.137
561.667	46.498	2.391	5.481	2282	44.102	2328	16802	9.21	70.808
4883.677	456.559	4.591	10.441	37156	114.898	18288	209033	32.015	392.516
2827.667	73.321	4.392	3.584	14301	75.934	4550	26618	47.919	392.789
867.167	96.286	3.985	6.068	3869	49.308	1985	11520	18.769	133.816
302.167	0	3.362	1.792	981	25.182	469	1779	16.228	70.965
545.6	45.168	2.458	5.347	2383	44.412	1802	10757	10.874	86.119
1947	116.677	5.597	5.375	12034	61.615	3448	21768	29.108	266.83
198.51	21.581	1.346	5.318	791	32.224	1174	7339	2.611	31.015
489.413	56.764	1.746	6.893	2370	51.071	2969	23141	5.956	60.329
1540.787	146.143	5.606	6.951	9626	57.573	3489	25301	17.589	187.421
648.333	27.475	2.505	3.584	2486	42.494	1200	5138	21.287	133.273
8329.432	905.537	3.526	15.665	57408	187.175	39760	531593	39.822	576.922
7458.42	850.834	3.653	15.534	51925	174.421	37048	511160	35.248	498.393
68.5	9.939	0.6	4.852	226	23.1	394	1639	2.833	17.893
349.333	31.969	1.264	5.481	1332	40.364	1830	12488	5.92	48.814
1407.374	81.525	1.89	5.638	6728	70.914	5514	42746	19.729	157.774
6929.048	231.509	3.306	6.223	42047	136.914	18276	161992	49.667	669.065

3856.073	447.242	3.66	12.052	24949	113.854	14924	157451	23.51	331.038
1615.5	103.989	5.699	5.375	9946	56.223	2863	17476	24.767	230.737
2733.046	325.701	5.057	10.318	22373	81.853	7426	63064	19.628	297.212
6781.356	501.598	6.139	8.743	43374	109.831	11913	96221	53.536	669.819
206	-15.569	2.666	0	501	20.293	206	501	20.293	66
725.78	114.936	1.623	9.541	3548	66.513	4752	41855	8.941	80.046
4758.09	298.889	4.954	7.139	26175	96.443	9326	74951	46.906	487.436
12007.57	963.421	5.182	12.271	80544	180.059	33353	359179	63.168	891.689
715.207	30.309	3.467	3.367	2986	41.673	1523	7964	20.759	116.56
3553.667	253.842	6.63	7.167	25125	81.847	5960	40713	38.399	436.536
887.494	64.276	2.595	5.159	3784	51.835	2393	14753	18.726	131.748
3503.333	169.097	4.841	5.193	17351	80.901	4841	27307	52.545	485.035
1974.167	174.531	6.27	6.985	13028	62.397	3764	25705	22.775	248.323
598.667	26.672	2.417	3.584	2256	38.839	1102	4812	18.934	118.617
632.8	0	5.303	1.609	2534	30.627	813	3682	22.823	114.95
10274.08	1069.1	7.559	13.877	114811	147.758	27918	332664	41.064	787.902
1618.325	93.745	2.563	5.505	7726	68.483	4517	31276	24.779	201.883
1642.455	150.309	4.998	6.768	8811	61.438	3623	24950	22.32	201.283
508	0	3.736	1.792	1742	32.658	798	3389	21.306	102.874
2784.833	204.534	4.659	7.167	15775	82.647	4946	29299	38.706	399.625
217.167	13.014	2.067	3.401	692	28.055	555	2304	9.613	49.966
1558.419	137.776	4.037	6.957	9815	65.057	3963	26501	20.531	211.082
680	30.296	4.378	3.555	2849	38.127	1478	8634	17.529	103.45
10180.53	515.254	7.346	6.802	66714	118.615	12783	91864	82.241	1045.575
8440.505	575.301	6.497	8.902	54001	121.966	15760	143253	61.256	763.534
8000.49	883.619	3.557	15.665	55265	183.446	38374	512326	38.245	556.44
469.867	40.846	1.935	5.193	1665	42.733	1182	5346	13.226	94.223
948.305	97.016	3.337	6.851	4539	56.159	2930	20205	15.101	125.835
886.591	90.703	2.766	6.851	4403	56.52	2970	20333	14.27	122.464
599.819	49.656	2.906	5.318	2482	43.663	2197	15378	11.304	78.946
1353.057	90.449	4.717	5.159	6763	55.186	2856	18626	23.867	182.004
434.711	52.772	1.787	6.893	2154	47.459	2683	20817	4.786	54.17
671.833	53.086	2.827	5.481	2780	46.552	2581	18982	11.309	83.231
939.276	89.09	2.111	6.893	4757	66.225	4677	38213	14.078	110.638
3193.333	158.54	5.526	5.375	17490	79.171	5727	40618	40.098	371.852
864.552	62.615	3.259	5.347	3726	53.078	2464	15416	16.28	123.213
1112.925	77.375	4.21	5.159	5599	53.352	2560	15756	20.186	159.344
2784.833	204.534	4.659	7.167	15775	82.647	4946	29299	38.706	399.625
985.019	65.846	2.483	5.347	4635	59.124	2942	17811	18.422	146.446
666.331	70.958	2.009	6.893	3379	56.459	3627	29062	9.204	79.571
871.523	65.867	3.66	5.159	4359	47.606	2075	12114	17.49	132.255
1759.5	105.441	3.882	5.375	9074	62.571	3041	16304	30.893	271.878
3307.333	85.759	6.842	3.584	19459	73.499	4634	28819	48.149	426.649
679.539	53.695	2.843	5.318	2875	46.413	2448	17185	12.52	88.11
721.283	76.81	2.218	7.272	3453	54.115	3284	25261	7.629	89.981
240.5	14.412	2.617	3.401	778	27.314	575	2507	9.629	51.051
3159.31	305.219	5.918	8.743	22647	78.851	7251	63546	25.481	322.07
1053.543	40.678	5.025	3.555	4904	45.221	2086	12839	23.014	148.67
489.413	56.764	1.746	6.893	2370	51.071	2969	23141	5.956	60.329
1618.325	93.745	2.563	5.505	7726	68.483	4517	31276	24.779	201.883

561.667	46.498	2.391	5.481	2282	44.102	2328	16802	9.21	70.808
856.877	84.348	2.112	6.893	4338	62.427	4342	35421	12.164	98.943
8000.49	883.619	3.557	15.665	55265	183.446	38374	512326	38.245	556.44
778.592	58.844	3.269	5.159	3209	50.42	2093	12364	16.425	116.579
3553.667	253.842	6.63	7.167	25125	81.847	5960	40713	38.399	436.536
1151.6	0	6.162	1.609	5567	39.475	1423	7163	31.084	183.212
939.276	89.09	2.111	6.893	4757	66.225	4677	38213	14.078	110.638
3112.762	263.986	3.107	8.873	18705	103.963	12372	120751	26.806	286.889
796.552	57.69	2.41	5.347	3722	52.797	2424	14326	15.504	122.778
6929.048	231.509	3.306	6.223	42047	136.914	18276	161992	49.667	669.065
10274.08	1069.1	7.559	13.877	114811	147.758	27918	332664	41.064	787.904
785.333	0	4.849	1.792	3650	35.634	1082	4898	25.247	143.39
632.8	0	5.303	1.609	2534	30.627	813	3682	22.823	114.95
27474	0	3.888	3.497	260224	229.748	92386	1315615	76.602	1649.128
3821.573	443.241	3.613	12.052	24095	114.461	15011	159490	23.506	326.039
796.552	57.69	2.41	5.347	3722	52.797	2424	14326	15.504	122.778
992.095	94.1	2.26	7.07	5080	63.794	3939	28590	14.722	129.17
12007.57	963.421	5.182	12.271	80544	180.06	33353	359179	63.168	891.688
3116.543	159.281	6.281	5.347	21207	74.223	5578	40476	38.979	376.747
872.286	63.175	3.274	5.165	3723	53.244	2404	14676	17.657	125.995
3601.767	329.616	5.98	8.594	26511	85.52	6768	49042	34.087	427.708
989.774	93.879	2.27	7.07	5100	63.887	3954	28819	14.702	128.622



Wap	WhetZ	Whetm	Whetv	Whete	Whetp	J	JhetZ	Jhetm	Jhetv
4053	1258.476	1258.538	1466.396	1259.911	1519.744	2.084	2.429	2.429	2.122
3330	1280.322	1280.561	1853.665	1283.079	1985.468	2.424	3.003	3.002	2.069
14881	684.922	684.651	824.319	695.173	854.928	1.591	2.137	2.138	1.78
1557	589.571	589.697	862.637	590.676	922.739	2.222	2.699	2.699	1.82
5511	1175.143	1175.173	1653.81	1268.595	1690.474	1.981	2.592	2.592	1.879
9194	716.905	716.916	771.605	717.368	786.733	1.704	2.095	2.095	1.982
16991	535.881	535.913	619.453	536.331	639.275	1.664	2.109	2.109	1.888
30059	3465.167	3457.069	5300.649	3476.756	5797.991	1.486	1.823	1.826	1.209
2361	577.571	577.688	814.9	578.414	865.638	1.874	2.369	2.368	1.652
6972	1037.714	1037.752	1177.662	1038.765	1214.305	1.455	1.593	1.593	1.418
5886	469.407	469.051	569.352	482.47	590.055	1.745	2.351	2.352	1.97
46786	2687.428	2687.593	3377.405	2693.327	3562.541	1.512	1.714	1.714	1.387
11660	972.976	972.269	1315.764	975.953	1406.825	1.532	1.949	1.951	1.474
5058	1123.368	1123.223	1515.974	1134.838	1593.227	1.597	1.929	1.929	1.432
10367	805.793	805.54	1032.361	816.778	1087.221	1.729	2.138	2.138	1.676
8667	705.263	705.007	880.329	715.495	922.318	1.786	2.388	2.388	1.977
1306	214.796	214.446	318.033	226.896	336.925	1.862	2.588	2.591	1.771
17362	829.479	829.227	1125.942	841.488	1199.762	1.538	2.006	2.007	1.484
89460	8575.666	8576.609	11461.81	8594.212	12184.86	1.536	1.801	1.801	1.337
28266	2550.708	2550.804	2907.197	2553.37	3001.245	1.239	1.427	1.427	1.257
15166	720.031	719.743	770.026	729.606	775.155	1.603	2.032	2.033	1.921
6474	546.879	546.633	651.205	555.901	672.175	1.793	2.353	2.353	2.007
25383	2045.577	2045.725	2432.427	2047.704	2524.404	1.23	1.386	1.386	1.194
9194	704.405	704.448	819.299	705.038	846.744	1.704	2.135	2.135	1.863
5640	694.881	695.01	1013.07	715.862	1065.364	1.594	2.147	2.146	1.447
8930	855.381	854.718	1210.075	858.758	1301.282	1.75	2.299	2.301	1.658
7672	1072.917	1072.169	1242.997	1074.145	1290.493	1.726	2.081	2.082	1.831
5089	1056.881	1057.113	1611.722	1059.663	1738.865	1.789	2.236	2.235	1.501
17777	633.452	633.549	839.159	634.258	884.097	1.716	2.072	2.072	1.631
7334	1527.466	1527.301	2108.407	1541.944	2244.024	1.517	1.808	1.808	1.336
9194	727.333	727.374	922.856	728.989	976.933	1.704	2.075	2.075	1.638
1676	320.776	320.574	364.534	327.573	370.412	2.171	2.596	2.597	2.335
4891	1368.411	1368.485	1615.7	1370.114	1679.113	1.648	1.924	1.924	1.639
23347	7125.125	7125.893	9368.243	7139.336	9920.465	1.44	1.631	1.631	1.252
7497	605.522	604.992	744.625	623.768	765.635	1.827	2.432	2.433	2.028
12136	2414.75	2415.019	2921.587	2416.185	3025.293	2.026	2.174	2.174	1.826
14014	697.714	697.722	731.465	698	740.8	1.635	1.896	1.896	1.834
406	344.5	344.615	570.27	345.231	617.638	4.053	4.726	4.725	2.895
29927	1455	1455.066	1580.204	1455.355	1605.823	1.712	1.804	1.804	1.699
1922	735.652	735.468	1031.013	745.919	1100.054	2.418	2.967	2.967	2.16
1841	744.571	744.743	1105.982	745.949	1184.455	2.053	2.523	2.523	1.699
640	201.286	201.336	299.764	201.604	320.417	2.349	3.043	3.042	2.028
16399	553.714	553.744	688.479	554.92	725.067	1.637	2.02	2.02	1.635
64901	1045.714	1045.805	1281.747	1047.044	1337.623	1.461	1.652	1.652	1.38
8953	1878.714	1879.092	2654.503	1881.583	2824.107	2.33	2.823	2.822	2.087
7530	635.452	635.492	788.922	636.449	832.676	1.749	2.326	2.326	1.929
5886	479.912	479.676	560.877	488.309	575.801	1.745	2.306	2.307	2.003
15168	732.536	732.572	1009.62	754.29	1072.044	1.537	2.02	2.019	1.465
7115	450.786	450.819	577.2	451.734	610.604	1.899	2.469	2.469	1.946

1841	673.571	673.779	1102.4	675.14	1194.667	2.235	2.787	2.786	1.693
4059	1546.494	1546.742	2085.421	1548.679	2204.11	1.869	2.211	2.21	1.644
44191	767.441	767.552	999.857	768.367	1049.969	1.675	1.96	1.959	1.576
101977	9706.433	9707.854	13641.66	9729.241	14595.94	1.503	1.77	1.77	1.25
59139	2578.655	2577.765	3206.983	2583.676	3383.558	1.09	1.278	1.278	1.037
1811	714.893	715.05	1087.383	716.656	1172.645	2.086	2.618	2.617	1.714
12136	2407.5	2407.788	2949.249	2409.034	3060.1	2.026	2.18	2.179	1.812
27609	1331	1331.064	1451.389	1331.341	1476.022	1.677	1.771	1.771	1.663
27609	1321.625	1321.681	1426.965	1321.923	1448.519	1.677	1.782	1.782	1.685
7884	604.756	604.753	808.564	644.178	831.171	1.663	2.21	2.21	1.643
7668	559.756	559.753	763.564	599.178	786.171	1.76	2.374	2.374	1.731
609	186.762	186.829	341.945	187.518	376.819	2.27	3.202	3.201	1.747
27756	1551.834	1552.009	2276.234	1600.63	2423.128	1.346	1.706	1.706	1.18
6767	638.845	638.882	754.222	639.598	783.274	1.54	1.776	1.776	1.532
5152	915.072	915.364	1456.039	916.738	1568.491	1.653	2.104	2.103	1.325
23699	1112.851	1112.962	1310.227	1113.604	1351.365	1.625	2.119	2.118	1.852
1849	234.857	233.454	457.426	253.198	505.558	1.871	2.952	2.965	1.614
1461	511.506	511.629	808.19	512.949	876.601	2.436	3.149	3.149	2.005
3285	656.75	656.782	789.787	657.815	825.802	1.801	2.091	2.091	1.755
3376	699.03	699.08	908.54	700.836	964.635	1.925	2.267	2.266	1.729
13142	2612	2612.302	3180.235	2613.609	3296.503	2.062	2.215	2.214	1.841
29854	1442.917	1443.185	2083.088	1446.445	2228.338	1.305	1.579	1.579	1.089
4562	961.771	961.815	1371.029	1025.773	1409.415	1.903	2.455	2.455	1.764
6651	1797.446	1797.764	2661.081	1802.38	2869.577	1.55	1.894	1.894	1.273
936	354.777	354.793	423.447	359.407	437.355	2.903	3.218	3.218	2.709
6145	1299.286	1299.301	1554.571	1348.124	1582.197	1.517	1.866	1.866	1.571
3586	1127.25	1127.295	1297.508	1128.535	1342.605	2.066	2.399	2.399	2.112
8309	732.906	733.173	1404.572	783.453	1456.87	1.842	2.34	2.34	1.246
9989	812.81	812.855	1028.117	814.632	1087.667	1.75	2.116	2.116	1.671
11936	767.048	767.203	1087.107	768.226	1155.717	1.346	1.652	1.651	1.158
21398	1829.928	1830.246	2507.414	1832.599	2655.3	1.297	1.513	1.513	1.098
8847	292.571	292.58	333.295	292.931	344.4	1.569	2.077	2.077	1.853
7191	876.5	876.558	972.403	876.807	991.617	1.778	2.199	2.199	2.007
17447	3457.233	3457.574	4663.875	3465.771	4982.118	1.481	1.705	1.705	1.276
9602	846.985	847.042	1098.478	849.051	1168.922	1.66	2.302	2.302	1.792
42774	1904.666	1904.385	2435.807	1931.561	2558.68	1.065	1.298	1.298	1.015
7510	820.595	820.641	975.195	821.673	1015.008	1.49	1.841	1.841	1.59
1549	175.192	175.174	257.15	209.143	241.93	1.938	3.16	3.16	2.242
377147	5055.187	5054.827	6692.698	5094.147	7090.012	1.151	1.349	1.349	1.015
29784	1310.625	1310.695	1571.661	1312.58	1640.609	1.492	1.809	1.809	1.544
36235	605.333	605.401	753.313	605.992	785.954	1.652	1.929	1.929	1.611
76410	1207.857	1207.971	1501.457	1209.484	1570.829	1.426	1.597	1.597	1.317
16230	1162.298	1161.741	1658.363	1164.266	1767.961	1.273	1.571	1.572	1.113
9194	705.905	705.916	760.605	706.368	775.733	1.704	2.131	2.131	2.015
110532	3590.987	3591.769	4946.504	3595.296	5218.909	1.485	1.817	1.817	1.361
2310	983.214	981.166	1430.119	985.721	1564.68	2.411	2.996	3.001	2.154
26732	1412.617	1412.373	1760.256	1425.98	1833.888	1.486	1.853	1.853	1.543
1056	340.732	340.83	582.479	341.948	638.727	2.449	3.313	3.312	1.967
2326	876.072	876.086	1396.928	1000.44	1432.749	2.017	2.837	2.837	1.796
53500	2371.375	2370.491	2919.133	2375.915	3075.862	1.085	1.267	1.268	1.037

3874	712.595	712.72	987.817	713.76	1048.705	1.939	2.564	2.564	1.954
3540	896.036	894.02	1333.403	898.472	1446.842	1.822	2.343	2.347	1.583
8941	675.345	675.058	909.867	727.107	930.3	1.687	2.273	2.274	1.683
10376	3166.572	3166.88	3945.493	3170.615	4128.349	1.835	2.122	2.122	1.748
37478	6361.572	6362.6	9190.313	6377.922	9875.647	1.751	2.034	2.034	1.394
1320	215.242	215.266	327.509	216.058	361.821	2.005	2.632	2.632	1.711
59551	3328.178	3327.296	4432.788	3337.079	4736.729	1.067	1.307	1.307	0.981
1811	727.75	727.896	1047.868	729.07	1118.645	2.086	2.573	2.573	1.777
1538	190.988	191.016	297.999	191.806	326.47	2.226	2.978	2.978	1.957
8131	1719.355	1719.222	2411.542	1734.807	2572.445	1.493	1.781	1.781	1.295
5087	999.983	999.739	1262.412	1011.307	1326.821	1.72	2.096	2.096	1.665
7672	1072.917	1072.169	1242.997	1074.145	1290.493	1.726	2.081	2.082	1.831
54614	8177.432	8179.852	12412.88	8191.433	13267.33	2.212	2.48	2.479	1.655
105880	3336.256	3336.99	4605.315	3340.305	4860.193	1.477	1.815	1.815	1.356
8253	620.714	620.747	776.667	622.035	819.8	1.727	2.121	2.121	1.694
31795	1559	1558.136	1736.906	1559.931	1782.476	1.769	1.87	1.871	1.724
2148	591	591.105	818.056	591.918	868.033	1.864	2.314	2.313	1.703
31463	2811.857	2812.212	4223.434	2823.04	4599.764	1.642	2.175	2.174	1.457
51753	2423.843	2423.617	3266.583	2443.316	3486.222	1.061	1.234	1.234	0.918
277	94.321	94.329	115.049	94.436	120.002	2.609	2.934	2.934	2.44
10314	719.405	718.786	1051.169	721.536	1137.156	1.812	2.409	2.41	1.694
40612	696.613	696.707	895.096	697.424	938.196	1.628	1.909	1.909	1.55
10064	1047.637	1047.404	1351.868	1059.775	1416.87	1.757	2.39	2.391	1.882
328968	9511.795	9512.345	14574.84	9580.65	15753.42	0.806	1.024	1.024	0.667
46265	3675.747	3675.701	5840.553	3715.532	6301.299	1.088	1.385	1.385	0.864
1969	281.486	281.077	367.708	295.226	380.434	1.999	2.931	2.934	2.31
23794	2990.286	2990.539	3987.306	2997.99	4253.091	1.407	1.806	1.806	1.365
1686	425.071	425.114	517.072	425.581	536.812	1.997	2.316	2.316	1.959
26116	2468.156	2468.384	3271.586	2473.904	3480.368	1.724	2.103	2.103	1.636
49168	900.447	900.538	1122.854	901.603	1174.225	1.638	1.884	1.884	1.56
18846	3218.928	3219.464	4465.832	3224.812	4752.841	1.668	2	1.999	1.461
5740	1030.714	1030.851	1342.947	1032.112	1416.125	2.434	2.986	2.985	2.403
6316	1201.964	1202.135	1580.664	1203.583	1667.756	2.344	2.879	2.879	2.291
8253	613.643	613.65	645.648	613.914	654.5	1.727	2.133	2.133	2.056
280011	5699.189	5700.38	7996.487	5708.987	8470.899	1.177	1.406	1.406	1.029
10519	2473.857	2472.815	3117.778	2563.997	3176.517	2.164	2.837	2.838	2.294
10304	930.554	930.749	1321.127	931.884	1403.565	1.341	1.548	1.547	1.089
708	282.333	282.345	335.287	282.782	349.933	2.2	2.603	2.603	2.209
6542	606.221	605.69	662.815	623.108	664.347	1.695	2.125	2.127	1.99
12758	1537.139	1537.12	2355.452	1722.549	2386.517	1.377	2.174	2.174	1.428
4073	238.524	238.531	262.513	238.816	268.2	1.76	2.445	2.445	2.226
16523	758.5	758.519	794.617	758.602	802.006	1.623	1.7	1.7	1.647
20214	1675.96	1675.754	2395.275	1692.562	2592.02	1.142	1.348	1.349	0.943
2507	685.786	685.844	826.664	686.476	859.216	2.029	2.334	2.334	2.007
2289926	10431.48	10432.35	12395.13	10440.61	12834.12	1.234	1.43	1.43	1.234
2355704	9330.689	9331.471	11016.2	9338.196	11393.54	1.188	1.381	1.381	1.2
1696	122.571	122.573	128.391	122.621	130	1.94	1.956	1.956	1.893
6379	388.137	388.164	498.459	389.013	528.235	1.849	2.463	2.463	1.93
21224	1543.738	1543.987	2075.903	1545.828	2192.245	1.967	2.462	2.462	1.935
52896	7864.646	7866.953	11894.34	7878.018	12707.09	2.173	2.435	2.434	1.629

215686	4438.542	4439.875	6688.002	4445.609	7134.976	1.193	1.461	1.461	0.997
10300	1763.615	1762.463	2067.116	1776.886	2143.659	1.324	1.507	1.508	1.297
136464	2906.226	2906.469	3777.626	2912.537	4005.035	0.982	1.371	1.371	1.07
51150	6939.953	6940.375	8684.048	6954.022	9152.829	1.224	1.364	1.363	1.093
206	189.5	189.542	268.957	189.725	285.215	3.985	4.275	4.274	3.181
64901	1042.714	1042.813	1293.193	1044.085	1352.026	1.461	1.656	1.656	1.371
31783	4549.398	4549.471	5940.142	4799.561	6111.498	1.461	1.725	1.725	1.321
319169	12740.4	12742.97	17912.34	12758.03	19008.25	1.309	1.502	1.502	1.083
4097	610.897	610.857	789.046	678.278	764.314	1.874	2.64	2.64	2.114
23954	3931.857	3931.975	4366.933	3935.094	4481.215	1.211	1.353	1.353	1.217
8613	864.726	864.765	1027.891	866.057	1071.802	1.727	2.292	2.292	1.933
9751	2992.955	2993.127	4424.477	3241.516	4507.208	1.679	2.134	2.134	1.451
18794	2235.012	2235.175	2956.28	2240.974	3153.006	1.117	1.247	1.246	0.944
2235	579.115	578.877	660.345	587.649	675.333	1.916	2.357	2.358	2.11
1226	460.869	460.829	693.093	540.852	691.647	1.961	2.841	2.841	1.894
1102711	13100.25	13104.69	19371.32	13123.94	20542.15	0.833	0.947	0.947	0.644
15257	1614.536	1614.689	2311.084	1709.682	2402.01	1.839	2.384	2.384	1.693
19767	1482.455	1482.322	1760.727	1653.596	1681.641	1.276	1.737	1.738	1.479
1219	459.619	459.657	622.875	460.947	667.335	2.399	2.917	2.917	2.143
16953	2999.201	2998.853	3496.204	3017.336	3616.955	1.439	1.64	1.64	1.415
1320	215.242	215.266	327.509	216.058	361.821	2.005	2.632	2.632	1.711
23248	1654.839	1655.103	2498.346	1660.512	2712.082	1.311	1.738	1.738	1.166
3516	628.238	628.376	927.047	629.438	992.71	1.715	2.184	2.183	1.473
26481	9298.555	9299.427	12587.36	9394.256	13376.36	1.387	1.592	1.591	1.187
67971	8306.095	8306.68	10725.95	8326.4	11374.3	1.277	1.453	1.453	1.125
2235593	10084.85	10085.67	11917.25	10093.19	12324.28	1.222	1.412	1.412	1.225
3013	484.786	484.809	562.319	485.32	582.204	1.849	2.309	2.309	2.019
18832	1055.714	1055.802	1245.158	1057.238	1284.12	1.46	1.77	1.77	1.532
19576	1003.333	1003.426	1198.492	1005.054	1237.453	1.491	1.885	1.885	1.609
7884	604.756	604.753	808.564	644.179	831.171	1.663	2.21	2.21	1.643
10795	1062.006	1059.528	1747.617	1235.45	1784.802	1.492	2.314	2.318	1.44
15139	650.167	650.191	695.914	650.296	705.275	1.565	1.728	1.728	1.65
9194	727.333	727.375	922.856	728.989	976.933	1.704	2.075	2.075	1.638
27609	1341.5	1341.564	1461.889	1341.841	1486.522	1.677	1.759	1.759	1.652
18080	3010.249	3010.742	4151.7	3015.583	4414.009	1.642	1.972	1.972	1.452
8059	768.723	768.725	1124.841	840.517	1147.644	1.736	2.507	2.507	1.729
10173	886.794	886.764	1352.499	1051.787	1325.628	1.53	2.483	2.483	1.645
16953	2999.201	2998.854	3496.204	3017.336	3616.954	1.439	1.64	1.64	1.415
11039	1073.048	1071.482	1474.93	1076.705	1586.459	1.827	2.332	2.335	1.74
21009	995.5	995.514	1021.985	995.575	1027.405	1.603	1.676	1.676	1.646
8023	830.738	830.827	1102.285	832.481	1170.285	1.502	2.057	2.056	1.601
7804	1654.321	1654.495	2026.749	1655.799	2108.354	1.602	2.079	2.078	1.748
10376	3166.572	3166.88	3945.493	3170.615	4128.349	1.835	2.122	2.122	1.748
8941	675.345	675.058	909.867	727.107	930.3	1.687	2.273	2.274	1.683
17362	829.479	829.227	1125.942	841.488	1199.762	1.538	2.006	2.007	1.484
1306	204.51	204.159	300.765	216.551	317.725	1.862	2.733	2.736	1.884
59551	3328.178	3327.297	4432.787	3337.08	4736.729	1.067	1.307	1.307	0.981
5087	999.983	999.739	1262.412	1011.307	1326.821	1.72	2.096	2.096	1.665
16523	758.5	758.519	794.617	758.602	802.007	1.623	1.7	1.7	1.647
15257	1614.536	1614.689	2311.084	1709.682	2402.01	1.839	2.384	2.384	1.693

8253	620.714	620.747	776.667	622.035	819.8	1.727	2.121	2.121	1.694
25472	1231	1231.046	1317.68	1231.246	1335.416	1.64	1.718	1.718	1.636
2235593	10084.84	10085.67	11917.25	10093.19	12324.28	1.222	1.412	1.412	1.225
6905	665.823	665.817	1015.311	744.676	1028.114	1.726	2.54	2.54	1.688
23954	3931.857	3931.975	4366.933	3935.094	4481.215	1.211	1.353	1.353	1.217
2326	876.072	876.086	1396.928	1000.44	1432.748	2.017	2.837	2.837	1.796
27609	1331	1331.064	1451.389	1331.341	1476.022	1.677	1.771	1.771	1.663
110532	3590.988	3591.768	4946.503	3595.296	5218.907	1.485	1.817	1.817	1.361
8930	855.381	854.718	1210.075	858.758	1301.282	1.75	2.299	2.301	1.658
52896	7864.647	7866.951	11894.34	7878.017	12707.09	2.173	2.435	2.434	1.629
1102711	13100.25	13104.69	19371.33	13123.93	20542.12	0.833	0.947	0.947	0.644
1811	727.75	727.896	1047.868	729.07	1118.645	2.086	2.573	2.573	1.777
1226	471.155	471.116	710.361	551.197	710.847	1.961	2.765	2.765	1.837
129507	33760.64	33763.47	46209.85	33862.33	49605.71	4.271	4.718	4.718	3.427
215686	4380.542	4381.87	6629.999	4387.61	7076.969	1.212	1.48	1.48	1.006
8930	875.381	874.701	1183.146	878.069	1264.482	1.75	2.241	2.242	1.701
24515	1166.917	1166.208	1649.134	1170.567	1770.526	1.606	2.053	2.054	1.482
319169	12740.4	12742.97	17912.34	12758.04	19008.26	1.309	1.502	1.502	1.083
23794	2986.285	2986.542	3987.306	2994.129	4253.092	1.407	1.808	1.808	1.364
7907	775.176	775.184	1153.905	846.88	1185.196	1.741	2.497	2.497	1.699
46265	3675.747	3675.7	5840.553	3715.532	6301.3	1.088	1.385	1.385	0.864
24502	1169.012	1168.286	1635.141	1172.71	1754.655	1.605	2.05	2.051	1.495

Jhete	Jhetp	MAXDN	MAXDP	DELS	TIE	S0K	S1K	S2K	S3K
2.426	2.056	1.515	4.451	19.246	57.909	102.096	19.647	9.142	5.148
2.996	1.932	2.004	4.822	32.635	91.841	108.039	20.46	10.316	7.701
2.113	1.715	1.003	2.117	12.959	23.913	94.108	13.382	5.166	2.21
2.694	1.7	1.829	3.773	14.853	39.185	73.059	14.904	8.035	5.846
2.408	1.843	4.439	5.61	40.734	80.627	114.096	20.019	8.388	4.461
2.094	1.954	0.412	0.42	5.347	23.435	72.239	14.096	6.278	3.086
2.108	1.843	1.705	4.26	17.803	28.918	86.439	12.095	4.157	1.613
1.818	1.113	6.259	5.584	94.998	132.304	165.24	27.185	10.487	6.533
2.365	1.553	1.241	2.693	8.043	25.287	74.711	13.787	7.076	3.916
1.591	1.379	1.914	5.775	15.063	38.263	96.042	15.413	6.412	2.993
2.303	1.905	1.783	4.657	16.776	24.276	80.711	12.215	5.04	2.481
1.71	1.321	1.947	6.745	31.715	74.643	164.465	23.997	10.416	4.887
1.944	1.386	2.942	6.608	40.696	54.517	104.039	15.609	5.867	2.84
1.915	1.363	1.705	2.982	12.679	37.794	102.039	17.472	7.689	4.021
2.115	1.592	0.851	2.161	8.348	27.068	94.108	15.541	6.823	3.539
2.362	1.9	2.489	4.741	32.576	44.189	96.108	14.544	5.776	2.837
2.475	1.667	1.075	1.867	12.116	15.379	47.303	9.926	4.275	2.266
1.984	1.392	0.96	2.065	12.527	25.52	100.042	14.851	6.06	2.909
1.797	1.256	2.472	6.693	88.821	221.934	277.294	38.975	18.972	12.474
1.426	1.218	2.067	6.196	23.586	56.467	140	21.087	8.993	3.94
2.013	1.909	0.84	2.122	10.824	25.074	94.108	13.988	5.866	2.61
2.324	1.947	1.695	5.024	16.992	28.276	82.439	13.042	5.198	2.413
1.385	1.155	1.386	5.937	21.84	48.398	126.606	19.322	8.566	4.224
2.134	1.81	0.863	2.481	8.203	23.803	88.239	14.059	6.253	3.07
2.085	1.374	1.233	2.845	8.965	25.152	88.239	14.394	6.944	3.379
2.29	1.55	2.995	6.432	42.02	58.01	100.042	15.904	6.261	2.821
2.079	1.776	1.916	5.367	22.979	46.308	104.039	16.643	6.729	3.223
2.23	1.395	2.036	3.956	31.545	48.022	94.042	17.317	7.995	5.268
2.07	1.56	1.745	3.973	19.156	32.03	92.239	13.467	4.65	1.834
1.794	1.258	1.409	2.779	17.136	39.972	110.211	19.336	10.048	5.532
2.07	1.548	0.424	0.515	5.589	23.193	76.239	14.307	6.421	3.173
2.552	2.305	1.809	5.179	15.914	30.727	64	11.623	4.561	1.91
1.921	1.578	2.384	4.256	28.806	63.927	106.039	18.302	8.713	5.53
1.628	1.185	2.325	6.824	56.716	155.84	234.084	35.311	17.393	10.49
2.379	1.974	2.831	4.789	27.694	37.484	92.239	14.233	5.582	2.712
2.173	1.77	2.738	5.512	47.041	128.84	147.207	24.94	11.338	7.114
1.896	1.818	0.987	0.809	6.463	24.546	80.239	13.092	4.995	1.803
4.717	2.682	2.503	3.456	22.051	56.048	48.603	14.195	6.637	7.162
1.804	1.68	2.822	5.415	48.948	89.177	126.382	19.049	5.857	2.284
2.932	2.03	1.879	5.137	22.196	53.261	82.439	17.079	8.343	4.826
2.519	1.588	1.824	3.726	16.204	42.041	74.711	16.12	9.046	7.28
3.038	1.898	1.251	2.104	7.862	17.952	38.106	10.225	4.399	2.83
2.016	1.557	0.902	1.679	7.92	19.841	86.439	12.071	4.691	1.981
1.65	1.329	2.03	6.08	30.319	46.481	114.096	14.921	4.552	1.673
2.819	1.977	2.527	5.908	52.021	114.481	143.207	23.744	10.483	5.765
2.323	1.843	2.463	4.689	28.234	37.955	86.239	13.314	5.369	2.631
2.277	1.953	1.783	4.656	16.674	25.206	73.956	12.092	4.962	2.434
1.961	1.382	0.641	2.011	9.562	22.605	94.108	14.218	5.67	2.691
2.464	1.845	2.255	5.258	23.042	32.401	80.711	11.785	4.43	1.874

2.781	1.563	1.88	3.782	18.334	42.557	78.711	15.861	8.829	6.5
2.208	1.558	2.831	5.824	28.751	72.689	110.211	20.647	10.478	5.416
1.958	1.514	2.15	5.749	32.886	47.072	104.042	14.115	4.224	1.377
1.766	1.167	2.473	6.65	92.048	230.628	289.58	40.907	20.401	13.569
1.275	0.985	1.984	5.957	40.955	65.022	149.58	20.657	8.365	3.898
2.612	1.59	1.877	3.858	20.716	46.357	74.711	15.797	8.02	7.034
2.178	1.754	2.762	5.43	53.383	138.949	147.207	24.902	11.311	7.094
1.771	1.643	2.812	5.35	47.858	82.933	122.211	18.095	5.607	2.178
1.782	1.667	2.873	6.286	49.792	84.685	122.211	17.823	5.467	2.113
2.047	1.615	0.438	0.463	4.837	20.491	72.439	13.686	6.002	2.929
2.191	1.698	0.834	0.45	5.324	21.28	70.439	13.686	5.605	2.648
3.189	1.588	2.036	4.118	11.282	16.384	40.106	9.993	4.232	3.028
1.648	1.114	1.41	2.795	17.061	34.779	124.382	18.665	9.001	4.423
1.774	1.481	1.514	4.287	14.582	26.825	80.711	12.832	5.438	2.451
2.1	1.232	1.509	2.834	17.067	32.995	100.042	16.154	8.226	4.179
2.117	1.807	2.061	5.302	26.272	41.067	105.457	16.517	6.408	2.829
2.738	1.487	5.927	3.887	28.484	25.286	53.848	10.49	3.524	2.505
3.141	1.853	1.993	4.652	13.511	35.549	69.059	14.839	6.642	4.197
2.088	1.682	1.54	4.474	12.154	30.511	74.711	14.232	6.832	3.648
2.26	1.627	1.504	5.604	14.007	37.104	76.439	15.212	7.007	3.691
2.213	1.781	2.739	5.833	48.104	140.43	151.58	25.932	11.004	7.082
1.575	1.018	1.822	6.221	20.102	39.909	120.382	17.122	7.197	3.227
2.314	1.717	4.788	5.41	35.714	63.709	102.042	18.046	7.514	4.37
1.889	1.18	1.909	5.04	25.722	66.043	109.457	21.007	10.143	8.774
3.184	2.623	2.21	5.025	22.657	51.042	58	13.429	5.129	2.245
1.795	1.547	2.315	4.232	18.289	45.156	104.096	18.781	8.59	4.592
2.397	2.048	1.268	4.437	13.431	48.495	96.039	18.699	8.458	4.929
2.211	1.195	5.054	4.099	43.571	52.046	92.108	16.543	4.844	3.185
2.111	1.58	0.714	0.534	6.469	26.541	75.353	15.267	6.638	3.422
1.649	1.09	1.86	5.447	18.036	30.141	86.239	13.201	5.059	2.238
1.511	1.038	3.029	6.403	29.161	56.302	110.881	18.993	7.356	3.056
2.075	1.801	0.639	1.39	8.556	14.804	50	8.658	3.019	1.159
2.198	1.975	2.281	5.412	33.039	53.501	96.042	15.354	6.29	2.999
1.701	1.197	2.049	6.402	47.868	109.696	164.974	26.296	12.958	7.097
2.296	1.688	1.671	4.74	20.617	35.908	104.042	15.055	6.099	2.642
1.283	0.964	1.617	4.566	20.71	38.048	130.606	18.347	7.619	3.665
1.839	1.536	1.977	4.075	15.13	28.478	90.239	14.419	6.078	3.39
2.7	2.366	4.478	3.838	21.313	22.444	51.303	9.339	3.17	2.009
1.341	0.958	3.261	7.433	66.291	118.676	229.329	29.635	10.228	4.203
1.807	1.487	1.658	5.741	22.315	45.756	122.211	17.625	6.748	2.889
1.927	1.556	1.928	4.441	24.162	34.89	92.239	12.359	3.763	1.265
1.595	1.265	2.134	6.08	36.754	54.427	120.211	16.024	5.09	1.779
1.569	1.048	1.86	5.17	24.577	35.628	106.039	15.731	6.995	3.525
2.13	1.985	0.439	0.38	5.187	22.511	76.239	13.847	6.11	2.984
1.815	1.297	3.491	6.643	101.853	160.342	204.131	27.675	9.943	4.257
2.99	1.991	5.593	4.574	38.132	74.188	89.353	18.633	9.571	6.939
1.84	1.49	1.881	5.031	21.94	40.985	124.382	18.367	7.935	3.704
3.302	1.8	2.029	4.372	12.509	28.048	57.245	12.847	4.744	3.707
2.454	1.772	2.485	3.349	19.327	48.799	86.239	18.037	9.839	8.113
1.265	0.986	1.97	5.922	33.039	54.821	143.207	19.75	8.148	3.814

2.561	1.858	1.513	1.848	21.329	33.017	84.239	15.505	6.714	3.416
2.338	1.467	5.58	4.565	33.221	50.772	85.353	16.538	7.437	4.854
2.089	1.661	0.869	2.098	7.501	24.122	90.239	14.917	6.406	3.267
2.12	1.678	1.83	4.242	25.457	94.24	164.465	26.988	12.84	6.633
2.029	1.296	2.751	6.372	85.178	214.424	237.133	35.658	17.613	12.239
2.621	1.547	1.656	4.603	9.207	15.947	46.548	9.127	3.368	1.511
1.304	0.919	1.878	5.38	23.085	50.426	160.974	22.887	10.584	5.622
2.569	1.665	2.024	3.747	22.323	50.047	74.711	15.797	8.02	7.034
2.966	1.793	2.027	4.672	20.309	23.368	53.303	9.214	2.819	1.092
1.768	1.216	2.589	3.505	22.627	45.87	116.382	19.993	9.973	5.862
2.077	1.583	0.94	1.926	11.308	34.83	94.108	17.202	8.47	4.932
2.079	1.776	1.916	5.367	22.979	46.308	104.039	16.643	6.729	3.223
2.475	1.553	3.215	7.174	110.141	345.395	292.423	45.274	17.778	9.651
1.813	1.292	3.249	6.63	94.585	151.488	197.421	26.751	9.414	4.073
2.117	1.605	0.444	0.744	5.854	21.223	72.439	13.351	6.209	2.795
1.869	1.692	3.23	8.859	66.406	110.395	134.606	19.944	5.842	2.104
2.31	1.612	1.317	2.583	7.195	24.314	58.711	13.787	7.076	4.196
2.166	1.339	1.577	3.644	45.528	81.425	130.117	27.172	13.61	6.534
1.226	0.86	1.732	5.489	27.777	48.491	143.207	19.823	8.194	3.841
2.931	2.348	1.811	4.006	15.403	21.027	33.219	7.419	2.169	1.126
2.402	1.573	2.206	5.468	36.803	48.482	98.108	14.73	5.54	2.432
1.907	1.492	1.618	5.622	22.625	35.229	98.108	13.24	4.195	1.406
2.37	1.797	2.621	5.987	33.988	54.68	112.096	17.522	6.904	3.277
1.018	0.617	2.409	5.802	46.762	90.842	263.121	34.089	14.849	7.406
1.374	0.8	2.331	4.553	37.374	66.349	178.117	25.517	11.089	5.905
2.825	2.235	1.653	1.914	17.957	22.752	64	11.232	4.313	2.154
1.801	1.281	2.967	5.37	54.313	94.24	162.465	24.104	10.381	6.248
2.313	1.898	1.81	4.949	14.645	28.718	65.487	12.28	5.944	2.932
2.099	1.547	2.226	6.37	58.6	113.875	124	24.129	11.376	5.291
1.882	1.501	2.251	5.828	38.674	54.397	110.039	14.793	4.554	1.513
1.996	1.377	2.518	6.267	49.822	109.638	173.525	26.296	11.894	6.427
2.982	2.3	2.55	5.341	45.346	84.237	100.096	18.84	7.595	3.478
2.876	2.191	2.528	5.546	45.409	87.214	120.211	19.826	8.257	4.031
2.132	2.036	0.478	0.726	5.611	21.441	72.439	13.141	6.064	2.712
1.404	0.975	2.233	6.543	58.826	104.458	232.215	31.176	12.889	5.506
2.744	2.252	4.568	5.507	65.966	153.069	158.465	26.718	11.06	7.494
1.545	1.025	1.989	5.424	27.7	40.662	88.108	14.34	5.427	2.518
2.599	2.121	0.839	1.269	4.741	18.127	49.303	10.819	5.466	3.57
2.084	1.987	1.049	2.061	11.359	27.435	82.439	13.934	5.764	2.612
1.937	1.41	4.712	5.341	47.818	72.743	128.606	19.488	8.172	4.927
2.442	2.182	0.713	2.2	8.084	15.467	58.603	8.87	3.318	1.331
1.7	1.636	1.416	4.787	20	40.951	90.239	14	4.443	1.777
1.338	0.871	1.591	5.339	18.025	37.005	118.211	17.737	7.923	4.04
2.332	1.945	1.808	5.102	14.671	41.323	76.439	15.492	6.705	3.823
1.429	1.198	3.781	8.322	106.53	192.523	354.413	41.58	14.67	5.532
1.38	1.166	3.498	7.527	82.219	151.399	332.475	38.834	13.978	5.224
1.956	1.876	0.95	2.321	4.698	12.191	23.789	6.474	1.821	0.869
2.457	1.825	2.14	4.753	12.557	21.613	61.059	10.903	4.222	1.794
2.459	1.85	1.924	5.642	37.881	69.585	140.882	21.31	8.95	4.013
2.431	1.53	3.244	7.073	115.079	347.105	287.294	44.281	17.132	9.584



1.459	0.939	2.77	6.385	81.853	104.978	218.477	28.422	10.976	4.654
1.499	1.252	2.051	5.121	33.99	65.223	107.457	19.033	8.302	4.923
1.369	1.012	0.842	2.046	18.878	39.109	162.974	21.358	8.877	4.24
1.361	1.038	2.167	6.81	52.857	132.235	238.379	33.088	14.87	9.139
4.271	3.025	3.003	2.957	32.354	54.946	31.02	11.766	5.419	3.364
1.654	1.319	2.19	5.969	38.043	52.505	114.096	14.863	4.524	1.661
1.634	1.285	2.22	6.461	47.933	127.123	204.122	30.896	13.741	8.487
1.5	1.023	3.641	8.484	147.919	268.44	355.16	45.138	17	7.696
2.394	2.184	4.148	4.617	20.375	40.429	82.439	15.199	6.06	3.906
1.352	1.186	2.218	6.058	25.146	81.361	146.77	25.633	11.078	6.036
2.289	1.855	1.596	5.261	15.02	34.291	93.287	15.604	6.074	3.094
1.96	1.433	4.821	6.396	58.377	123.542	167.525	27.432	12.698	8.191
1.243	0.886	1.602	5.51	28.676	55.787	114.606	19.633	8.774	4.676
2.331	2.07	1.013	1.855	8.145	26.18	70.711	14.041	6.692	4.051
2.389	1.919	1.161	2.428	11.327	24.994	69.487	13.881	7.99	5.115
0.946	0.608	2.337	6.568	107.556	191.431	317.975	40.678	15.181	7.005
2.218	1.652	2.25	6.555	30.545	65.684	134.882	21.69	9.658	5.13
1.559	1.551	4.166	5.541	25.933	49.313	122.382	18.429	7.592	4.008
2.908	1.999	1.605	4.892	11.361	32.893	55.487	13.881	6.528	3.953
1.633	1.368	2.087	6.811	29.231	81.025	142.974	24.625	10.412	5.137
2.621	1.547	1.656	4.603	9.207	15.947	46.548	9.127	3.368	1.511
1.732	1.075	1.777	5.401	32.078	45.749	130.606	18.838	7.852	3.629
2.18	1.376	1.832	3.844	14.023	30.779	76.711	14.003	6.664	4.03
1.577	1.119	2.382	6.867	61.554	173.607	270.193	39.551	19.972	13.119
1.45	1.061	2.632	6.829	69.693	168.008	266.366	36.601	16.354	10.178
1.411	1.19	3.551	8.322	94.699	178.258	347.076	40.938	14.315	5.433
2.307	1.959	2.389	5.313	20.272	32.555	60.711	11.785	4.43	1.783
1.768	1.491	1.837	5.152	19.858	38.492	110.039	15.768	6.286	2.685
1.882	1.565	1.457	4.085	17.516	36.231	108.039	15.768	6.286	2.589
2.047	1.615	0.417	0.476	4.799	21.077	72.439	13.686	6.002	2.929
1.963	1.435	5.674	5.521	45.147	54.645	111.342	17.748	7.047	4.317
1.728	1.635	1.422	4.372	17.031	33.724	84.439	12.851	4.317	1.745
2.07	1.548	0.404	0.528	5.516	23.798	72.239	14.307	6.421	3.173
1.759	1.632	2.794	5.362	48.342	84.455	122.211	18.343	5.735	2.239
1.969	1.371	2.518	6.165	49.259	104.912	166.974	25.314	11.705	6.187
2.276	1.702	4.823	5.502	43.439	58.985	102.042	15.529	5.685	2.582
2.059	1.699	2.551	5.68	25.358	42.346	110.039	16.932	6.914	3.332
1.633	1.368	2.066	6.82	28.675	82.184	142.974	24.625	10.412	5.137
2.324	1.628	3.084	7.203	53.395	83.659	116.096	17.836	6.734	3.026
1.676	1.64	1.325	5.147	21.69	47.682	104.042	15.609	5.042	2.06
2.053	1.518	2.278	5.393	24.439	34.012	94.108	14.295	5.997	3.023
2.077	1.691	0.771	2.392	9.543	39.959	120.606	20.069	10.029	5.423
2.12	1.678	1.816	4.249	25.149	95.651	164.465	26.988	12.84	6.633
2.089	1.661	0.864	2.102	7.484	24.741	90.239	14.917	6.406	3.267
1.984	1.392	0.956	2.069	12.114	26.12	100.042	14.851	6.06	2.909
2.609	1.779	1.111	1.85	12.299	15.528	43.303	9.926	4.275	2.266
1.304	0.919	1.876	5.382	22.182	51.163	158.219	22.887	10.584	5.622
2.077	1.583	0.938	1.929	10.606	35.853	94.108	17.202	8.47	4.932
1.7	1.636	1.416	4.787	20	40.951	90.239	14	4.443	1.777
2.218	1.652	2.24	6.565	30.75	66.732	134.882	21.69	9.658	5.13

2.117	1.605	0.404	0.515	5.303	21.387	72.439	13.351	6.209	2.795
1.718	1.621	1.885	5.29	38.265	70.266	116.096	17.428	5.757	2.332
1.411	1.19	3.548	8.329	94.229	179.473	345.076	40.938	14.315	5.433
2.259	1.674	4.769	5.37	42.546	55.637	96.108	15.154	5.464	2.467
1.352	1.186	2.205	6.067	24.383	82.266	146.77	25.633	11.078	6.036
2.454	1.772	2.483	3.351	19.644	50.206	88.239	18.037	9.839	8.113
1.771	1.643	2.812	5.35	47.858	82.933	122.211	18.095	5.607	2.178
1.815	1.297	3.491	6.643	101.853	160.342	204.131	27.675	9.943	4.257
2.29	1.55	3.241	6.427	42.54	59.3	98.042	15.754	6.168	2.769
2.431	1.53	3.242	7.076	115.23	349.968	287.294	44.281	17.132	9.584
0.946	0.608	2.337	6.568	107.556	191.431	317.975	40.678	15.181	7.005
2.569	1.665	2.02	3.75	21.519	50.798	74.711	15.797	8.02	7.034
2.336	1.854	1.163	2.392	11.177	24.783	69.487	13.881	7.99	5.115
4.704	3.189	2.943	8.13	180.326	1860.541	532.798	78.714	36.247	22.667
1.478	0.947	2.779	6.426	82.861	105.979	226.477	28.422	10.976	4.654
2.234	1.601	3.213	6.489	40.248	58.917	98.042	15.816	6.207	2.791
2.047	1.388	3.229	7.005	47.239	65.954	116.211	17.317	6.254	2.793
1.5	1.023	3.641	8.484	147.919	268.44	355.16	45.138	17	7.696
1.803	1.28	3.244	5.326	57.134	96.381	158.465	23.799	10.174	6.102
2.269	1.664	4.841	5.488	45.261	60.823	102.042	15.741	5.492	2.547
1.374	0.8	2.331	4.553	37.374	66.349	178.117	25.517	11.089	5.905
2.044	1.4	3.229	6.975	47.137	66.242	116.211	17.317	6.254	2.702

PHI	BLI	PW2	PW3	PW4	PW5	PJI2	CSI	ECC	AECC
7.184	1.058	0.574	0.336	0.173	0.086	1	402	201	8.04
8.794	1.04	0.563	0.293	0.147	0.084	0.875	522	270	11.25
3.143	0.891	0.586	0.353	0.207	0.118	0.8	346	156	7.091
6.653	1.06	0.546	0.287	0.148	0.088	0.833	305	157	8.722
6.717	1.178	0.584	0.362	0.181	0.085	1	481	238	9.52
4.214	1.013	0.567	0.321	0.184	0.106	0.8	331	155	7.381
2.514	0.917	0.603	0.378	0.215	0.13	1	278	125	6.25
7.705	0.825	0.607	0.328	0.163	0.1	1	879	418	11.297
5.135	1.009	0.546	0.314	0.17	0.099	0.8	283	138	7.263
4.297	1.089	0.581	0.346	0.191	0.101	1	415	186	8.087
3.24	0.941	0.577	0.331	0.189	0.117	1	264	123	6.474
7.574	1.01	0.573	0.338	0.195	0.109	0.857	738	345	10.455
3.816	0.904	0.596	0.343	0.191	0.109	0.833	440	201	8.375
5.597	1.053	0.58	0.344	0.175	0.086	0.833	444	209	8.708
4.82	1.039	0.574	0.32	0.179	0.108	0.8	348	164	7.455
3.818	0.852	0.587	0.342	0.183	0.109	0.8	333	158	7.182
3.031	1.004	0.573	0.333	0.174	0.078	0.75	167	80	5.714
3.913	0.954	0.586	0.34	0.189	0.117	1	397	180	7.826
14.499	0.926	0.579	0.32	0.163	0.097	0.667	1628	777	15.235
5.926	0.963	0.58	0.357	0.212	0.109	1	806	363	11.344
3.73	1.004	0.576	0.344	0.205	0.125	0.8	341	154	7
3.39	0.915	0.584	0.349	0.19	0.113	1	279	131	6.55
5.911	0.99	0.574	0.347	0.19	0.106	1	759	349	12.464
4.186	0.966	0.567	0.321	0.184	0.106	0.8	331	155	7.381
4.76	1.055	0.553	0.328	0.189	0.1	1	358	167	7.952
4.33	0.894	0.586	0.36	0.201	0.116	0.833	405	192	8.348
4.666	0.938	0.58	0.334	0.178	0.103	0.833	423	203	8.458
6.019	0.894	0.573	0.293	0.148	0.092	0.833	424	209	9.087
2.982	0.946	0.598	0.37	0.218	0.137	0.6	299	136	6.476
7.473	1.03	0.553	0.313	0.172	0.101	0.875	634	300	11.538
4.375	1.022	0.567	0.321	0.184	0.106	0.8	331	155	7.381
3.313	1.069	0.577	0.38	0.211	0.1	0.75	182	89	5.563
6.644	0.966	0.575	0.322	0.155	0.085	1	553	269	11.208
13.352	0.993	0.575	0.331	0.179	0.093	1	1373	653	14.196
3.783	0.904	0.591	0.349	0.187	0.115	1	290	137	6.524
9.426	1.094	0.582	0.321	0.167	0.087	0.875	694	347	11.567
3.114	1.025	0.57	0.36	0.224	0.137	0.8	337	151	7.19
6.281	1.015	0.559	0.261	0.122	0.085	1	168	95	6.333
4.132	1.008	0.625	0.405	0.219	0.118	1	513	239	8.852
7.125	1.056	0.561	0.346	0.164	0.082	0.833	341	176	8.8
7.675	1.064	0.546	0.276	0.13	0.084	1	393	203	10.684
3.46	1.051	0.572	0.304	0.146	0.076	0.75	142	74	5.692
2.831	0.952	0.582	0.351	0.21	0.128	0.6	280	125	6.25
2.717	0.971	0.623	0.381	0.222	0.136	1	432	184	7.36
8.297	0.916	0.575	0.326	0.184	0.105	1	565	284	9.467
3.404	0.826	0.581	0.334	0.181	0.11	0.8	318	150	7.143
3.158	0.902	0.577	0.331	0.189	0.117	1	264	123	6.474
3.664	1.021	0.588	0.341	0.193	0.116	1	377	170	7.727
2.748	0.854	0.583	0.355	0.216	0.125	0.75	234	109	5.737

7.371	1.026	0.543	0.282	0.142	0.088	1	343	177	9.316
8.321	1.084	0.555	0.342	0.177	0.086	0.857	564	276	10.615
2.592	0.928	0.618	0.41	0.243	0.147	0.8	341	151	6.565
15.746	0.924	0.576	0.319	0.162	0.095	0.667	1757	840	15.849
5.574	0.948	0.595	0.36	0.197	0.108	0.889	920	412	13.29
6.668	1.009	0.563	0.269	0.129	0.08	0.857	374	193	10.158
9.388	1.063	0.582	0.321	0.167	0.087	0.875	694	347	11.567
3.902	0.999	0.623	0.405	0.215	0.114	1	496	230	8.846
3.748	0.984	0.623	0.405	0.215	0.114	1	496	230	8.846
4.107	1.071	0.568	0.321	0.186	0.11	0.8	315	147	7.35
3.835	1.061	0.583	0.344	0.183	0.113	1	276	130	6.5
3.253	0.935	0.577	0.305	0.13	0.071	0.75	144	75	5.769
6.222	1.027	0.559	0.326	0.183	0.107	0.875	691	315	11.667
3.673	1.048	0.572	0.343	0.182	0.09	1	337	155	8.158
5.778	0.977	0.548	0.323	0.19	0.11	1	393	185	8.043
4.071	0.845	0.585	0.353	0.203	0.125	1	439	204	7.846
2.465	0.876	0.605	0.287	0.161	0.086	1	195	95	6.333
5.476	1.024	0.578	0.336	0.141	0.068	1	272	142	7.889
5.118	1.106	0.549	0.319	0.187	0.097	1	313	153	8.053
5.33	1.106	0.566	0.341	0.188	0.098	1	323	158	7.9
9.205	1.09	0.593	0.327	0.16	0.083	0.875	721	361	11.645
4.564	0.979	0.582	0.351	0.204	0.121	0.833	544	240	8.889
5.895	1.143	0.586	0.343	0.169	0.082	0.833	418	206	8.957
8.195	1.061	0.576	0.282	0.137	0.082	0.889	701	344	13.231
4.305	1.137	0.58	0.385	0.213	0.084	1	182	96	6
6.453	1.173	0.579	0.342	0.181	0.086	0.833	496	234	9.36
6.59	1.08	0.58	0.331	0.172	0.086	0.8	366	182	7.583
3.642	1.054	0.638	0.309	0.168	0.117	0.8	323	155	7.045
4.607	1.029	0.573	0.322	0.19	0.106	0.8	344	162	7.364
3.18	0.964	0.594	0.362	0.2	0.099	0.833	411	182	8.667
4.818	1.016	0.59	0.373	0.211	0.105	1	631	281	9.69
1.634	0.927	0.59	0.359	0.21	0.121	0.75	218	93	5.813
4.199	0.884	0.577	0.336	0.201	0.12	1	379	179	7.783
10.022	0.999	0.567	0.336	0.166	0.085	0.9	1023	494	14.529
3.992	0.872	0.575	0.363	0.205	0.097	0.833	417	199	8.652
4.993	1.008	0.59	0.349	0.195	0.106	1	794	350	12.5
4.173	0.95	0.582	0.314	0.169	0.091	1	413	194	9.238
2.114	1.123	0.595	0.295	0.167	0.092	0.75	160	78	5.571
7.049	0.996	0.616	0.384	0.224	0.133	1	1223	545	12.674
4.574	0.976	0.59	0.369	0.204	0.114	1	526	242	9.308
2.214	0.926	0.619	0.398	0.238	0.149	1	289	126	6
3.137	0.988	0.619	0.396	0.22	0.134	0.833	495	212	8.154
4.585	0.92	0.577	0.337	0.183	0.099	0.857	541	243	10.125
4.029	0.975	0.567	0.321	0.184	0.106	0.8	331	155	7.381
7.056	0.866	0.608	0.389	0.21	0.116	1	919	429	11
8.106	0.96	0.551	0.29	0.136	0.073	1	398	206	9.364
5.398	0.992	0.575	0.345	0.196	0.113	0.857	591	272	10.074
3.809	0.994	0.603	0.311	0.123	0.072	1	200	105	6.563
8.451	1.105	0.551	0.276	0.149	0.072	1	458	235	11.19
5.364	0.967	0.591	0.356	0.197	0.107	0.889	887	395	13.167

4.957	0.851	0.569	0.353	0.195	0.103	0.833	367	181	8.619
5.591	0.918	0.571	0.308	0.153	0.088	0.833	398	196	8.909
4.55	1.087	0.576	0.32	0.181	0.112	0.8	332	156	7.429
10.501	1.004	0.567	0.363	0.186	0.088	1	940	464	14.061
13.956	0.926	0.578	0.315	0.157	0.093	0.818	1382	666	14.8
2.196	0.902	0.584	0.355	0.197	0.096	0.75	161	78	5.571
7.124	0.947	0.575	0.332	0.175	0.103	1	1146	519	15.265
6.668	1.008	0.563	0.269	0.129	0.08	0.857	374	193	10.158
1.855	0.822	0.615	0.399	0.203	0.097	0.5	137	67	4.786
7.385	0.99	0.564	0.308	0.165	0.097	0.875	663	315	11.667
6.623	1.115	0.561	0.326	0.167	0.086	0.857	458	224	10.182
4.666	0.938	0.58	0.334	0.178	0.103	0.833	423	203	8.458
15.478	1.049	0.612	0.383	0.183	0.092	0.75	1218	603	11.596
6.627	0.874	0.613	0.388	0.206	0.117	1	894	416	10.947
4.145	1.02	0.553	0.33	0.195	0.114	0.8	314	146	7.3
4.161	0.982	0.633	0.424	0.222	0.115	1	530	248	8.857
5.135	0.995	0.55	0.297	0.164	0.092	0.8	285	139	7.316
10.272	1.018	0.548	0.33	0.202	0.122	0.857	742	356	9.889
5.414	0.951	0.589	0.353	0.203	0.111	0.889	894	398	13.267
1.61	1.028	0.604	0.369	0.165	0.061	0.667	73	39	3.9
3.709	0.852	0.588	0.358	0.199	0.114	0.833	377	179	8.136
2.524	0.954	0.609	0.398	0.24	0.147	0.8	328	144	6.545
4.839	0.889	0.587	0.345	0.191	0.119	1	476	228	9.12
10.33	0.936	0.588	0.354	0.19	0.096	0.929	2303	1038	21.184
7.86	0.948	0.588	0.341	0.18	0.093	0.9	1185	541	15.028
3.028	0.891	0.591	0.352	0.181	0.095	1	207	101	6.313
7.582	0.836	0.589	0.327	0.164	0.093	0.9	1009	485	14.697
4.293	1.031	0.552	0.333	0.193	0.107	1	218	106	6.235
8.578	0.92	0.559	0.334	0.191	0.11	0.889	806	392	12.25
2.807	0.927	0.61	0.398	0.24	0.149	1	393	174	7.25
8.936	0.903	0.577	0.34	0.186	0.105	1	929	447	12.771
5.724	0.856	0.581	0.364	0.208	0.121	1	326	165	6.6
6.297	0.889	0.577	0.352	0.199	0.114	1	403	203	7.808
3.984	1.011	0.553	0.33	0.195	0.114	0.8	314	146	7.3
9.132	0.912	0.582	0.376	0.216	0.124	1	1423	652	14.818
8.954	1.061	0.596	0.314	0.155	0.085	1	744	372	11.273
3.538	0.951	0.589	0.354	0.199	0.099	0.833	435	193	8.773
4.224	1.053	0.545	0.306	0.15	0.075	0.8	191	98	7
4.016	1.046	0.581	0.36	0.195	0.111	1	328	154	7.7
5.687	0.935	0.588	0.33	0.165	0.088	1	742	352	12.571
1.962	0.974	0.58	0.358	0.208	0.115	0.75	189	85	5.667
2.962	1.109	0.624	0.393	0.203	0.11	1	349	157	7.476
5.405	0.982	0.579	0.34	0.185	0.099	0.875	690	312	12
5.194	1.08	0.574	0.326	0.175	0.107	1	317	156	7.8
10.166	0.938	0.599	0.391	0.237	0.147	1	1665	754	12.567
9.523	0.94	0.597	0.387	0.237	0.149	1	1597	718	12.596
1.071	1.159	0.62	0.336	0.199	0.106	0.333	91	40	3.636
2.558	0.859	0.577	0.35	0.211	0.122	0.75	223	103	5.722
6.577	0.896	0.572	0.36	0.212	0.121	0.833	505	246	8.483
14.875	1.047	0.616	0.379	0.181	0.09	0.75	1197	592	11.608

7.428	0.861	0.599	0.377	0.212	0.12	1	1152	517	12.31
6.077	1	0.588	0.332	0.155	0.089	0.889	721	339	13.038
5.576	0.91	0.586	0.343	0.186	0.105	0.909	1194	530	15.588
10.934	0.98	0.584	0.32	0.179	0.1	0.9	1445	670	14.889
5.313	0.95	0.567	0.359	0.131	0.045	0.75	114	66	5.5
2.69	0.956	0.623	0.381	0.222	0.136	1	432	184	7.36
10.613	1.082	0.589	0.327	0.171	0.093	1	975	462	11.55
12.377	0.903	0.603	0.365	0.2	0.121	0.9	2007	930	15
4.605	1.173	0.588	0.31	0.147	0.085	0.833	344	171	8.55
8.113	1.036	0.588	0.341	0.174	0.092	1	1092	509	14.543
4.121	0.924	0.594	0.337	0.168	0.108	1	383	183	7.957
9.953	1.071	0.581	0.319	0.165	0.092	0.875	857	411	11.743
6.152	1.038	0.577	0.34	0.186	0.093	0.889	829	376	13.429
4.946	1.028	0.564	0.301	0.159	0.099	0.8	279	137	7.211
6.524	1.124	0.534	0.31	0.155	0.061	0.833	301	153	9
11.228	1.013	0.618	0.38	0.201	0.105	1	2628	1178	21.418
7.224	0.998	0.575	0.324	0.18	0.114	0.857	584	282	9.724
5.182	1.125	0.591	0.344	0.175	0.088	1	652	298	11.037
5.331	1.088	0.562	0.335	0.165	0.079	0.8	240	124	7.294
7.541	0.994	0.587	0.353	0.188	0.109	0.875	879	411	12.088
2.196	0.902	0.584	0.355	0.197	0.096	0.75	161	78	5.571
5.283	0.859	0.582	0.362	0.196	0.101	0.875	705	325	11.607
4.912	1.003	0.564	0.304	0.159	0.093	0.833	345	167	8.789
15.798	1.051	0.576	0.322	0.164	0.085	1	1775	845	16.9
12.216	0.985	0.587	0.319	0.174	0.101	0.9	1578	737	15.041
9.933	0.95	0.603	0.391	0.236	0.144	1	1640	741	12.559
2.748	0.854	0.577	0.358	0.22	0.121	1	250	117	6.158
4.13	0.965	0.583	0.368	0.205	0.118	1	483	220	9.167
4.13	0.993	0.579	0.371	0.212	0.124	1	477	218	9.083
4.107	1.119	0.568	0.321	0.186	0.11	0.8	315	147	7.35
5.003	0.958	0.595	0.319	0.162	0.092	0.857	544	257	10.28
2.774	1.056	0.613	0.381	0.203	0.11	1	336	150	7.5
4.375	1.068	0.567	0.321	0.184	0.106	0.8	331	155	7.381
4.046	1.03	0.623	0.405	0.215	0.114	1	496	230	8.846
8.715	0.921	0.573	0.34	0.187	0.106	1	906	435	12.794
3.838	0.973	0.597	0.366	0.199	0.107	0.833	418	196	8.522
4.877	1.011	0.585	0.363	0.189	0.097	0.857	513	243	10.125
7.541	1.017	0.587	0.353	0.188	0.109	0.875	879	411	12.088
4.805	0.931	0.595	0.367	0.209	0.118	0.833	439	210	8.4
3.422	1.108	0.62	0.385	0.209	0.111	0.833	416	190	8.261
3.897	0.827	0.575	0.336	0.173	0.093	0.857	461	217	9.864
7.189	1.026	0.557	0.318	0.181	0.104	1	644	307	10.964
10.501	1.032	0.567	0.363	0.186	0.088	1	940	464	14.061
4.55	1.133	0.576	0.32	0.181	0.112	0.8	332	156	7.429
3.913	0.99	0.586	0.34	0.189	0.117	1	397	180	7.826
3.031	1.006	0.573	0.333	0.174	0.078	0.75	167	80	5.714
7.124	0.969	0.575	0.332	0.175	0.103	1	1146	519	15.265
6.623	1.151	0.561	0.326	0.167	0.086	0.857	458	224	10.182
2.962	1.109	0.624	0.393	0.203	0.11	1	349	157	7.476
7.224	1.032	0.575	0.324	0.18	0.114	0.857	584	282	9.724

4.145	1.068	0.553	0.33	0.195	0.114	0.8	314	146	7.3
4.013	1.057	0.614	0.39	0.217	0.119	1	477	220	8.8
9.933	0.962	0.603	0.391	0.236	0.144	1	1640	741	12.559
3.764	1.059	0.601	0.371	0.2	0.1	1	377	176	8
8.113	1.058	0.588	0.341	0.174	0.092	1	1092	509	14.543
8.451	1.155	0.551	0.276	0.149	0.072	1	458	235	11.19
3.902	0.999	0.623	0.405	0.215	0.114	1	496	230	8.846
7.056	0.866	0.608	0.389	0.21	0.116	1	919	429	11
4.225	0.925	0.586	0.36	0.201	0.116	0.833	405	192	8.348
14.875	1.066	0.616	0.379	0.181	0.09	0.75	1197	592	11.608
11.228	1.013	0.618	0.38	0.201	0.105	1	2628	1178	21.418
6.668	1.05	0.563	0.269	0.129	0.08	0.857	374	193	10.158
6.524	1.126	0.534	0.31	0.155	0.061	0.833	301	153	9
33.567	1.079	0.592	0.347	0.176	0.096	0.412	3288	1670	19.647
7.428	0.861	0.598	0.375	0.214	0.123	1	1146	514	12.238
4.268	0.941	0.586	0.36	0.201	0.116	0.833	405	192	8.348
4.165	0.918	0.603	0.359	0.205	0.125	1	499	231	8.885
12.377	0.903	0.603	0.365	0.2	0.121	0.9	2007	930	15
7.337	0.83	0.589	0.326	0.163	0.091	1	975	468	14.182
3.759	0.963	0.607	0.37	0.2	0.102	0.833	417	196	8.522
7.86	0.948	0.588	0.341	0.18	0.093	0.9	1185	541	15.028
4.165	0.918	0.604	0.366	0.204	0.125	1	501	232	8.923

DECC	MDDD	UNIP	CENT	VAR	BAC	Lop	ICR	D/Dr03	D/Dr04
1.168	19.302	76	1036	81	49	1.604	2.44	0	0
2.021	25.389	92	928	98	73	2.363	2.959	0	0
1.017	13.727	59	554	60	5	0.517	2.254	0	0
1.309	13.556	57	396	52	29	2.345	2.53	0	0
1.418	21.085	85	953	90	60	1.253	2.613	0	0
1.029	14.571	56	588	67	9	1.369	2.201	0	0
0.975	10	50	360	42	10	0.627	2.148	0	0
1.765	38.299	159	2667	163	86	0.864	2.868	0	0
1.014	12.981	51	487	56	8	1.236	2.215	0	0
1.055	16.813	64	812	78	2	0.393	2.353	0	0
0.975	10.266	47	393	46	5	0.565	2.149	0	0
1.532	32.354	128	1904	141	62	1.933	2.737	0	0
1.375	18.5	73	716	74	18	0.813	2.542	32.87	0
1.316	19.833	74	948	80	10	0.566	2.534	0	0
1.05	15.86	60	670	72	14	1.405	2.204	0	0
0.942	14.107	60	598	56	18	0.853	2.191	0	0
0.796	6.429	30	182	24	5	0.673	1.877	0	0
1.081	15.577	65	669	75	5	0.503	2.403	0	0
1.993	52.586	328	3456	260	103	0.795	3.066	0	0
1.613	31.352	129	1802	138	6	0.563	2.793	0	0
0.818	13.174	56	604	60	2	0.405	2.131	0	0
0.995	11.4	51	432	50	10	0.627	2.148	0	0
2.036	30.378	123	1222	122	14	0.789	3.101	0	0
1.029	14.571	56	588	67	9	1.369	2.201	0	0
1.016	13.905	62	560	65	5	1.046	2.344	0	0
1.406	17.437	70	622	68	30	0.982	2.562	0	0
1.413	21.431	69	940	88	24	1.494	2.555	0	0
1.316	19.758	82	770	67	41	2.185	2.475	0	0
0.834	11.66	52	440	52	11	0.819	1.904	0	0
1.84	27.988	95	1192	140	10	1.369	2.903	0	0
1.029	14.571	56	588	67	9	1.369	2.201	0	0
0.742	7.688	32	264	30	11	0.953	1.796	0	0
1.792	22.16	99	838	90	27	0.854	2.907	0	0
1.943	57.153	239	5268	246	66	0.679	3.143	0	0
0.925	12.19	53	525	50	17	0.665	2.089	0	0
1.738	31.778	118	1660	138	101	2.217	2.915	0	0
0.98	13.973	51	549	75	6	1.255	2.213	0	0
1.156	10.391	35	287	34	59	2.106	2.206	0	0
1.361	19.007	83	865	86	67	1.048	2.68	0	0
1.34	15.82	64	524	62	51	2.228	2.528	0	0
1.911	18.598	70	482	71	32	2.393	2.931	0	0
0.84	6.414	27	161	26	20	1.662	1.922	0	0
0.8	10.5	51	354	42	2	0.432	1.883	0	0
1.283	16.304	67	703	75	10	0.553	2.469	27.707	0
1.467	27.733	96	1700	144	101	1.865	2.674	0	0
0.939	13.184	56	538	55	11	0.819	2.201	0	0
0.975	10.266	47	393	46	5	0.565	2.149	0	0
1.05	14.463	60	596	70	5	0.517	2.368	0	0
0.726	9.601	45	331	33	11	0.868	1.758	0	0



1.418	15.59	62	490	61	32	2.393	2.676	0	0
1.521	26.154	95	1196	114	28	2.146	2.705	0	0
0.938	11.864	55	549	64	18	0.832	2.104	0	0
1.895	54.79	359	3925	273	103	0.778	3.069	0	0
2.004	30.691	148	1506	137	17	0.541	3.062	0	0
1.762	17.878	69	469	59	38	2.308	2.76	0	0
1.738	31.778	118	1660	138	101	2.217	2.915	0	0
1.408	18.296	80	770	84	52	1.052	2.705	0	0
1.408	18.296	80	770	84	52	1.052	2.705	0	0
1.05	13.9	53	518	62	9	1.413	2.228	0	0
0.95	12.4	50	488	50	13	1.275	2.121	0	0
0.899	6.331	29	147	22	20	1.662	1.95	0	0
1.877	27.868	100	1212	150	7	1.233	2.893	0	0
1.219	13.307	55	425	64	10	1.683	2.439	0	0
1.009	16.461	67	791	76	4	0.787	2.353	0	0
1.036	18.355	74	996	82	19	0.958	2.369	0	0
1.156	8.24	37	183	29	19	1.29	2.206	0	0
1.247	12.519	52	372	50	47	1.928	2.489	0	0
1.114	12.931	57	435	54	21	1.999	2.42	0	0
1.13	12.82	58	484	58	19	1.113	2.39	0	0
1.763	32.653	123	1811	147	120	2.186	2.922	0	0
1.251	20.812	89	1105	82	2	0.352	2.49	0	0
1.274	17.773	76	754	76	46	1.086	2.496	0	0
2.385	30.663	127	1048	100	32	1.723	3.123	0	0
0.75	8.5	32	284	42	43	1.656	2.022	0	0
1.357	19.347	90	942	84	18	0.795	2.393	0	0
1.069	17.542	71	918	66	44	1.563	2.182	0	0
1.149	15.835	59	598	56	53	1.336	2.267	0	0
1	14.727	59	660	68	14	1.405	2.191	0	0
1.238	12.844	66	502	54	5	0.532	2.489	0	0
1.329	23.103	104	1276	93	5	0.434	2.625	0	0
0.859	7.25	38	164	24	0	0	1.924	0	0
1.115	15.259	64	712	63	19	1.029	2.376	0	0
2.204	42.941	166	2380	192	48	1.521	3.268	0	101.42
1.319	16.216	72	682	72	27	1.216	2.525	0	0
1.929	26.5	126	1160	105	5	0.444	3.04	0	0
1.51	17.673	69	561	65	13	1.238	2.725	0	0
1	6.837	30	166	22	12	1.292	1.985	0	0
1.744	41.366	197	3429	190	106	0.948	2.992	0	0
1.485	20.846	87	910	92	33	1.465	2.701	0	0
0.667	9.819	48	416	44	10	0.61	1.936	0	0
1.331	18.379	74	788	92	10	0.54	2.53	0	39.848
1.479	18.667	86	826	84	2	0.382	2.757	0	0
1.029	14.571	56	588	67	9	1.369	2.201	0	0
1.538	38.584	156	2700	165	127	1.006	2.835	0	0
1.579	22.595	74	804	90	49	2.429	2.72	0	0
1.41	23.567	88	1168	124	13	1.057	2.658	0	0
1.117	9.641	41	258	34	43	1.656	2.18	0	0
1.819	20.041	88	606	67	45	2.681	2.915	0	0
1.956	29.08	140	1386	128	10	0.496	3.043	0	0

1.197	15.138	64	548	64	35	1.103	2.475	0	0
1.38	18.612	74	668	68	23	1.37	2.534	0	0
1.075	15.302	57	595	67	14	1.447	2.226	0	0
1.888	35.662	163	2017	163	101	1.096	3.153	0	0
2.187	48.203	271	2659	222	103	0.848	3.222	0	0
0.776	6.367	28	176	26	10	0.748	1.842	0	0
2.308	44.27	173	2298	208	6	0.54	3.341	0	0
1.762	17.878	69	469	59	38	2.308	2.76	0	0
0.561	5.714	28	124	19	26	0.802	1.432	0	0
1.877	30.118	105	1301	132	15	1.409	2.922	0	0
1.562	18.579	80	664	76	27	2.181	2.777	0	0
1.413	21.431	69	940	88	24	1.494	2.555	0	0
1.527	52.765	241	5870	230	417	0.924	2.709	0	0
1.537	36.643	150	2500	160	126	0.879	2.842	0	0
1	13.19	51	498	70	6	1.297	2.183	0	0
1.378	19.704	86	932	94	84	1.041	2.697	0	0
1.069	13.762	50	522	57	9	1.46	2.249	0	0
1.568	37.556	138	2336	138	53	1.432	2.78	0	0
2.031	29.787	144	1386	119	10	0.496	3.039	0	0
0.54	3.72	15	66	14	18	1.193	1.485	0	0
1.252	15.62	63	526	73	29	1.297	2.495	0	0
0.959	11.355	53	482	59	11	0.797	2.118	0	0
1.344	20.784	78	898	92	42	1.157	2.649	0	0
3.479	84.268	374	5866	356	28	0.68	3.704	0	0
2.25	45.815	190	2544	202	18	0.639	3.256	0	0
0.977	7.875	37	242	36	17	0.75	2.18	0	0
2.391	40.567	172	1988	152	74	1.658	3.248	0	0
0.865	9.612	38	350	38	7	1.085	2.095	0	0
1.906	40.906	124	2024	180	61	2.109	3.031	0	0
1.208	14.479	61	630	80	19	1.004	2.434	0	0
1.747	40.052	149	2553	194	70	1.016	2.997	0	0
0.88	16.592	65	935	70	78	1.37	2.04	0	0
1.006	19.408	73	1084	90	79	1.529	2.333	0	0
1	13.19	51	498	70	6	1.297	2.183	0	0
2.599	55.657	224	3954	252	102	1.087	3.389	0	0
1.631	35.488	130	2166	162	140	2.005	2.835	0	0
1.269	15.182	72	578	62	11	0.797	2.517	30.502	0
1	7.878	35	184	34	15	2.108	2.271	0	0
1.13	12.7	54	460	54	11	0.843	2.423	0	0
2.173	29.245	130	1216	110	27	0.787	3.111	0	0
0.889	6.373	34	142	20	2	0.521	1.933	0	0
1.261	12.209	56	428	57	17	0.665	2.506	0	0
1.923	25.077	117	964	90	5	0.465	2.936	0	0
1.14	13.84	52	544	68	22	1.229	2.423	0	0
1.577	59.633	277	7588	288	203	1.141	2.924	0	0
1.611	56.24	266	6606	254	167	1.126	2.941	0	0
0.463	1.785	19	39	9	2	0.629	0.946	0	0
0.753	8.765	41	304	32	6	0.816	1.772	0	0
1.189	23.943	92	1220	95	76	1.267	2.438	0	0
1.544	52.161	236	5648	226	410	0.881	2.707	0	0

1.768	44.277	181	3326	214	54	0.768	3.028	0	0
1.964	26.615	117	1028	110	17	0.596	3.104	0	0
2.529	45.398	173	2172	200	7	0.689	3.425	0	0
1.995	57.375	241	4731	250	53	0.906	3.183	0	0
0.833	5.667	24	124	22	48	1.792	1.918	0	0
1.283	16.304	67	703	75	10	0.553	2.469	27.707	0
1.618	44.205	182	3516	180	68	0.997	2.805	0	0
1.839	83.228	321	9632	416	234	0.911	3.115	0	107.146
1.405	16.08	61	498	59	38	1.713	2.504	0	0
2.237	41.097	189	2233	170	27	0.694	3.202	0	0
1.183	17.864	66	756	77	29	1.265	2.455	0	0
1.551	36.003	147	2481	158	52	0.904	2.883	0	0
2.041	28.755	137	1192	118	5	0.444	3.115	0	0
1.086	13.285	49	505	55	13	1.315	2.268	0	0
1.412	12.464	59	325	48	21	2.728	2.514	0	0
3.32	94.998	407	7495	399	145	0.584	3.821	0	0
1.389	26.818	99	1283	122	51	1.41	2.666	0	0
1.674	24.979	109	1093	99	10	0.528	2.883	0	0
1.1	10.623	47	313	41	34	2.085	2.218	0	0
1.73	33.965	140	2156	178	28	0.856	2.844	0	0
0.776	6.367	28	176	26	10	0.748	1.842	0	0
1.893	28.383	114	1198	104	21	0.845	2.968	0	0
1.296	13.651	60	444	59	16	1.985	2.524	0	0
2.464	74.381	287	7188	342	86	0.744	3.469	0	0
2.127	62.24	260	6284	301	91	1.055	3.252	0	0
1.597	58.325	271	7327	281	190	1.121	2.936	0	0
0.831	10.571	41	455	46	5	0.565	2.076	0	0
1.278	16.667	76	748	82	14	0.865	2.642	0	0
1.271	17.625	74	756	82	19	0.941	2.642	0	0
1.05	13.9	53	518	62	9	1.413	2.228	0	0
1.674	21.738	94	912	80	29	1.207	2.744	0	0
1.3	11.78	54	368	54	10	0.627	2.522	0	0
1.029	14.571	56	588	67	9	1.369	2.201	0	0
1.408	18.296	80	770	84	52	1.052	2.705	0	0
1.772	40.007	143	2416	194	55	1.009	3.007	0	0
1.195	15.527	67	691	76	26	0.675	2.475	0	0
1.552	18.938	86	774	88	30	0.961	2.757	0	0
1.73	33.965	140	2156	178	28	0.856	2.844	0	0
1.456	18.918	78	774	72	54	0.991	2.565	0	0
1.338	15.497	67	563	68	27	0.872	2.525	0	0
1.694	19.446	77	582	76	13	1.203	2.777	0	0
1.689	29.204	101	1454	136	17	1.304	2.901	0	0
1.888	35.662	163	2017	163	101	1.096	3.153	0	0
1.075	15.302	57	595	67	14	1.447	2.226	0	0
1.081	15.577	65	669	75	5	0.503	2.403	0	0
0.796	6.429	30	182	24	5	0.673	1.877	0	0
2.308	44.27	173	2298	208	6	0.54	3.341	0	0
1.562	18.579	80	664	76	27	2.181	2.777	0	0
1.261	12.209	56	428	57	17	0.665	2.506	0	0
1.389	26.818	99	1283	122	51	1.41	2.666	0	0

1	13.19	51	498	70	6	1.297	2.183	0	0
1.424	17.76	76	710	80	39	1.051	2.699	0	0
1.597	58.325	271	7327	281	190	1.121	2.936	0	0
1.091	14	62	612	70	26	0.688	2.401	0	0
2.237	41.097	189	2233	170	27	0.694	3.202	0	0
1.819	20.041	88	606	67	45	2.681	2.915	0	0
1.408	18.296	80	770	84	52	1.052	2.705	0	0
1.538	38.584	156	2700	165	127	1.006	2.835	0	0
1.406	17.437	70	622	68	30	0.982	2.562	0	0
1.544	52.161	236	5648	226	410	0.881	2.707	0	0
3.32	94.998	407	7495	399	145	0.584	3.821	0	0
1.762	17.878	69	469	59	38	2.308	2.76	0	0
1.412	12.464	59	325	48	21	2.728	2.514	0	0
1.361	75.973	741	11689	462	1389	1.388	2.704	0	0
1.689	43.093	178	3278	214	54	0.768	2.999	0	0
1.406	17.437	70	622	68	30	0.982	2.562	0	0
1.441	19.929	81	860	94	38	0.85	2.705	0	0
1.839	83.228	321	9632	416	234	0.911	3.115	0	107.146
2.419	40.567	172	1988	152	74	1.658	3.257	0	0
1.195	15.429	67	689	78	37	0.702	2.475	0	0
2.25	45.815	190	2544	202	18	0.639	3.256	0	0
1.473	20.166	82	836	94	38	0.85	2.716	0	0

D/Dr05	D/Dr06	D/Dr07	D/Dr08	D/Dr09	D/Dr10	D/Dr11	D/Dr12	T(N..N)	T(N..O)
0	186.116	0	0	0	0	0	0	0	14
0	94.204	0	0	0	0	0	0	9	44
35.281	87.884	43.282	0	0	65.815	69.678	0	10	0
0	68.161	0	0	0	0	0	0	0	7
79.234	91.588	0	0	0	0	0	0	18	64
0	74.586	44.424	0	0	0	141.873	0	0	0
0	109.665	0	0	0	181.904	0	56.266	0	13
107.841	376.372	0	0	0	0	0	0	10	52
0	133.964	0	0	0	0	0	0	0	4
112.36	228.422	0	0	0	0	0	0	0	4
0	84.995	45.354	0	0	0	72.48	0	11	9
62.25	201.505	0	0	212.211	224.654	129.531	0	63	44
0	182.617	0	0	0	96.621	0	0	14	65
77.756	172.441	0	0	0	0	0	0	0	4
0	79.952	46.989	0	0	0	150.931	0	4	0
0	102.699	55.886	0	0	0	88.243	0	13	34
35.31	43.995	0	0	0	0	0	0	0	0
0	136.985	45.178	0	0	0	149.978	0	22	0
0	393.103	0	0	0	0	0	0	57	260
179.727	320.249	0	0	150.466	0	0	0	5	24
0	122.608	41.892	0	0	0	137.562	0	6	0
0	90.369	48.391	0	0	0	77.125	0	3	3
64.284	273.802	0	0	122.054	0	0	0	0	27
0	74.586	44.424	0	0	0	141.873	0	0	7
57.096	103.445	0	0	0	88.676	0	0	0	4
0	175.52	0	0	0	93.032	0	0	19	81
50.88	138.791	0	0	94.833	0	0	0	10	11
55.571	66.42	0	0	102.7	0	0	0	19	168
20.81	60.139	33.487	0	85.364	46.668	54.866	60.14	0	18
0	283.566	0	0	0	0	0	0	3	24
0	74.586	44.424	0	0	0	141.873	0	4	0
0	97.356	0	0	0	0	0	0	0	3
0	188.491	0	0	0	0	0	0	7	27
0	794.182	0	0	0	0	0	0	31	117
0	96.773	50.631	0	0	0	81.872	0	3	6
0	168.32	0	0	0	144.277	0	0	0	0
0	171.498	0	0	0	234.787	0	0	0	0
0	0	0	0	0	0	0	0	8	28
39.224	130.963	0	0	64.957	145.587	0	0	0	0
0	75.918	0	0	0	0	0	0	18	26
0	72.772	0	0	0	0	0	0	0	18
0	43.841	0	0	0	0	0	0	0	3
0	83.512	28.129	0	0	0	144.178	0	8	0
24.513	129.801	0	42.08	142.38	162.92	176.527	67.199	0	15
0	203.276	0	0	0	0	0	0	7	77
0	96.709	53.461	0	0	0	84.315	0	13	34
0	84.995	45.354	0	0	0	72.48	0	3	3
31.7	95.786	44.772	0	0	65.256	75.929	0	22	0
0	62.668	35.432	0	0	0	115.821	0	0	10

0	72.772	0	0	0	0	0	0	0	14
0	203.261	0	0	0	0	0	0	0	20
20.286	114.11	0	36.675	122.854	143.937	154.096	58.659	0	21
0	407.38	0	0	0	0	0	0	59	310
69.976	350.322	0	0	130.937	146.282	0	0	35	74
0	72.59	0	0	0	0	0	0	9	31
0	168.32	0	0	0	144.277	0	0	0	0
37.415	125.67	0	0	61.884	139.176	0	0	0	0
37.415	125.67	0	0	61.884	139.176	0	0	0	0
0	111.517	0	0	0	127.321	0	0	4	0
0	109.612	0	0	0	125.319	0	0	3	0
0	44.403	0	0	0	0	0	0	5	8
0	184.749	63.78	0	0	0	205.605	0	8	43
66.161	35.919	0	0	115.349	0	0	79.429	0	7
0	233.278	0	0	0	0	0	0	0	14
0	207.71	0	0	0	160.101	0	0	8	44
30.82	34.919	0	0	54.963	0	0	0	0	11
0	66.397	0	0	0	0	0	0	7	12
40.072	52.051	0	0	77.337	0	0	0	6	7
0	135.513	0	0	0	0	0	0	3	3
0	175.152	0	0	0	150.124	0	0	0	0
0	405.83	0	0	0	111.581	0	0	5	8
71.193	83.292	0	0	0	0	0	0	18	58
0	209.064	0	0	0	0	0	0	20	48
0	55.344	0	0	0	0	0	0	0	8
154.431	93.548	0	0	0	0	0	0	0	8
0	177.947	0	0	0	0	0	0	0	6
79.48	44.48	0	0	137.61	0	0	93.131	0	31
0	78.896	47.819	0	0	0	151.668	0	4	0
87.857	106.046	63.324	0	78.366	0	0	0	8	18
143.862	285.585	99.401	0	0	0	0	0	0	17
17.316	68.535	26.4	0	30.783	38.201	39.867	0	15	0
0	187.34	0	0	0	99.218	0	0	0	0
0	267.083	0	0	0	0	0	0	72	195
45.858	126.329	0	0	86.012	0	0	0	42	35
132.92	237.832	0	0	239.169	0	0	0	37	32
102.798	52.264	0	0	82.974	0	0	0	21	38
25.865	31.375	0	0	48.522	0	0	0	4	13
241.291	349.528	0	0	564.535	284.748	167.151	195.755	68	129
41.934	137.637	0	0	143.734	153.273	88.206	0	17	33
18.099	98.815	0	32.557	107.483	125.421	135.163	51.798	0	18
26.426	138.234	0	44.87	152.217	173.332	188.208	71.62	0	21
55.501	205.02	0	0	94.834	0	0	0	0	21
0	74.586	44.424	0	0	0	141.873	0	0	0
0	389.495	0	0	0	358.738	0	0	0	88
0	85.391	0	0	0	0	0	0	4	19
0	172.292	62.449	0	0	0	198.026	0	6	16
0	56.975	0	0	0	0	0	0	6	10
72.51	0	0	0	0	0	0	0	38	68
66.898	337.745	0	0	125.248	141.832	0	0	35	47



134.71	440.016	0	0	234.184	284.952	0	0	0	0
0	296.135	0	0	0	0	0	0	0	9
151.763	404.446	0	0	278.534	0	0	0	93	67
122.409	685.914	0	0	227.756	0	0	0	66	143
0	0	0	0	0	0	0	0	0	0
24.513	129.801	0	42.08	142.38	162.92	176.527	67.199	0	21
0	549.518	0	0	0	213.911	0	0	14	63
0	849.403	0	376.854	0	224.06	0	278.262	0	117
45.631	51.544	0	0	81.501	0	0	0	21	32
0	554.918	0	0	0	0	0	0	0	10
46.957	122.662	0	0	90.489	0	0	0	9	9
128.637	293.835	0	0	0	0	0	0	20	104
89.767	311.379	0	0	0	0	0	0	46	82
0	133.279	0	0	0	0	0	0	5	0
56.919	0	0	0	0	0	0	0	76	0
265.178	968.141	0	0	214.664	433.963	0	0	0	0
0	154.616	80.726	0	0	0	135.496	0	3	46
137.739	166.22	0	0	113.327	0	0	0	5	36
0	62.915	0	0	0	0	0	0	3	3
0	525.792	0	0	0	0	0	0	5	18
35.453	40.583	0	0	0	0	0	0	0	3
84.542	238.997	0	0	0	128.854	0	0	28	126
0	96.043	0	0	0	82.309	0	0	0	7
391.79	448.244	0	0	0	0	0	0	126	214
0	840.45	0	0	0	551.721	0	0	103	181
223.214	507.918	0	0	878.287	173.406	378.166	384.89	43	264
48.54	117.901	0	0	0	0	0	0	0	3
0	293.219	0	0	0	94.138	0	0	6	20
0	286.877	0	0	0	93.657	0	0	4	22
0	111.517	0	0	0	127.321	0	0	4	0
54.66	160.462	0	0	107.422	0	0	0	10	28
27.095	86.643	0	0	44.303	95.835	0	0	0	0
0	74.586	44.424	0	0	0	141.873	0	4	0
37.415	125.67	0	0	61.884	139.176	0	0	0	0
0	368.714	0	0	0	0	0	0	24	108
0	183.977	0	0	0	97.236	0	0	8	44
51.725	148.794	0	0	100.089	0	0	0	10	46
0	525.792	0	0	0	0	0	0	5	18
0	192.499	0	0	0	102.68	0	0	14	65
32.366	106.385	0	0	52.896	117.771	0	0	0	0
48.929	128.89	0	0	88.26	0	0	0	0	34
0	315.113	0	0	0	0	0	0	0	3
0	274.664	0	0	0	0	0	0	6	68
0	119.362	0	0	0	135.884	0	0	4	0
0	136.986	45.178	0	0	0	149.978	0	22	0
35.31	43.995	0	0	0	0	0	0	0	0
81.005	436.906	0	0	156.74	0	0	0	16	44
0	117.749	0	0	0	100.79	0	0	18	0
28.728	92.232	0	0	46.808	102.038	0	0	0	0
0	154.616	80.726	0	0	0	135.496	0	3	46



0	69.393	40.562	0	0	0	130.587	0	4	0
35.792	119.291	0	0	59.214	132.084	0	0	0	0
223.214	507.918	0	0	878.287	173.406	378.166	384.89	43	264
48.956	122.894	0	0	86.28	0	0	0	8	44
0	554.918	0	0	0	0	0	0	0	10
72.51	0	0	0	0	0	0	0	38	68
37.415	125.67	0	0	61.884	139.176	0	0	0	0
0	389.495	0	0	0	358.738	0	0	0	88
0	175.52	0	0	0	93.032	0	0	19	81
0	305.42	0	0	0	0	0	0	0	116
265.178	968.141	0	0	214.664	433.963	0	0	0	0
0	72.59	0	0	0	0	0	0	11	35
56.919	0	0	0	0	0	0	0	76	0
0	0	0	0	0	0	0	0	495	1213
132.652	434.786	0	0	229.81	280.503	0	0	0	0
0	175.52	0	0	0	93.032	0	0	14	65
0	210.643	0	0	0	251.161	0	104.439	14	77
0	849.403	0	376.854	0	224.06	0	278.262	0	117
0	334.396	0	0	0	179.493	0	0	145	503
59.609	114.953	0	0	0	98.336	0	0	8	53
229.942	409.291	0	0	0	0	0	0	57	122
0	210.135	0	0	0	250.171	0	104.165	14	77

T(N..S)	T(N..F)	T(N..Cl)	T(N..Br)	T(O..O)	T(O..S)	T(O..F)	T(O..Cl)	T(O..Br)	T(S..S)
0	0	0	0	6	0	0	0	0	0
0	0	0	0	38	0	0	0	0	0
0	0	24	0	0	0	0	0	0	0
0	0	0	0	3	0	0	0	0	0
16	0	0	0	28	10	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	3	0	0	0	0	0
0	310	0	0	16	0	193	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	16	0	0	0	0	7	0
0	0	0	0	4	0	0	0	0	0
0	14	0	0	8	0	19	0	0	0
0	0	10	0	0	0	0	6	0	0
0	0	12	0	0	0	0	0	0	0
0	0	17	0	16	0	0	23	0	0
0	0	26	0	0	0	0	0	0	0
0	0	24	0	0	0	0	0	0	0
0	0	0	0	246	0	0	0	0	0
0	0	0	0	12	0	0	0	0	0
0	0	16	0	0	0	0	0	0	0
0	0	10	0	0	0	0	7	0	0
0	0	0	0	14	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	3	0	0	0	0
0	17	0	0	8	0	19	0	0	0
0	20	0	0	0	0	6	0	0	0
0	0	0	0	24	0	0	0	0	0
0	0	0	0	14	0	0	0	0	0
0	0	15	0	3	0	0	27	0	0
0	0	0	0	0	0	0	0	0	0
0	0	4	0	0	0	0	5	0	0
0	0	0	0	16	0	0	0	0	0
0	0	0	0	78	0	0	0	0	0
0	0	20	0	3	0	0	27	0	0
0	0	0	0	108	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	24	0	0	0	0	0
0	0	0	0	68	0	0	0	0	0
0	0	16	0	4	0	0	10	0	0
0	0	0	0	20	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	13	0	0	0	0	0
0	0	0	0	136	0	0	0	0	0
0	0	0	0	16	0	0	0	0	0
0	0	10	0	0	0	0	7	0	0
15	0	0	0	0	0	0	0	0	0
0	0	0	0	6	0	0	0	0	0

0	0	0	0	12	0	0	0	0	0
0	0	0	0	6	0	0	0	0	0
0	0	0	0	27	0	0	0	0	0
0	0	0	0	321	0	0	0	0	0
0	42	0	0	30	0	35	0	0	0
0	0	0	0	20	0	0	0	0	0
0	0	0	0	164	0	0	0	0	0
0	0	0	0	68	0	0	0	0	0
0	0	0	0	68	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
14	0	0	0	3	23	0	0	0	0
0	0	0	0	9	0	0	0	0	0
0	0	0	0	12	0	0	0	0	0
0	0	0	0	14	0	0	0	0	0
0	45	0	0	0	4	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	108	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
13	0	0	0	28	10	0	0	0	0
0	0	0	0	20	0	0	0	0	0
0	0	0	0	4	8	0	0	0	0
12	0	0	0	0	40	0	0	0	4
0	0	0	0	0	0	0	0	0	0
0	0	0	0	109	26	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	6	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	26	0	0	0	0	0
0	0	0	0	92	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
22	0	27	0	0	14	0	6	0	0
0	0	0	0	0	0	0	0	0	0
3	0	0	0	10	4	0	0	0	0
0	0	0	40	45	0	0	0	60	0
0	0	0	0	5	0	0	0	0	0
0	0	0	0	12	0	0	0	0	0
0	0	0	0	27	0	0	0	0	0
0	8	0	0	9	0	33	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	382	0	0	0	0	0
0	54	0	0	7	0	57	0	0	0
0	0	16	0	0	0	0	22	0	0
0	0	0	0	0	0	0	0	0	0
20	0	0	0	20	17	0	0	0	0
0	42	0	0	11	0	18	0	0	0

0	0	0	0	10	0	0	0	0	0
0	30	0	0	0	0	18	0	0	0
10	0	12	0	0	0	0	0	0	0
0	0	0	0	66	0	0	0	0	0
0	0	0	0	273	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	34	0	0	0	0	19	0	0	0
0	0	0	0	20	0	0	0	0	0
0	0	0	0	4	0	0	0	0	0
0	0	15	0	6	0	0	42	0	0
0	0	21	0	0	0	0	0	0	0
0	20	0	0	0	0	6	0	0	0
0	0	0	0	558	0	0	0	0	0
0	0	0	0	304	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	68	0	30	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	64	0	0	0	0	0
0	0	46	0	12	0	0	21	0	0
0	0	0	0	4	0	0	0	0	0
0	17	0	0	14	0	23	0	0	0
0	0	0	0	12	0	0	0	0	0
0	0	6	0	35	0	0	39	0	0
0	0	234	0	59	0	0	82	0	0
0	0	86	0	44	0	0	72	0	0
0	0	57	0	0	0	0	0	0	0
0	0	0	0	48	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	137	0	0	0	0	0
0	0	0	0	27	0	0	0	0	0
0	0	0	0	88	0	0	0	0	0
0	0	0	0	80	0	0	0	0	0
0	0	0	0	88	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	280	0	0	0	0	0
6	22	0	0	124	46	70	0	0	0
0	0	0	0	29	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	17	0	0	0	0	0	0	0
14	0	0	0	80	33	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	10	0	0	0	0	0
0	0	47	0	0	0	0	13	0	0
0	0	0	0	7	0	0	0	0	0
0	0	0	0	342	0	0	0	0	0
0	0	0	0	199	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	102	0	0	0	0	0
0	0	0	0	558	0	0	0	0	0

0	0	0	0	590	0	0	0	0	0
0	9	8	0	9	0	19	19	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	45	0	0	0	0	0
0	0	0	0	65	0	0	0	0	0
0	0	0	0	27	0	0	0	0	0
16	0	0	0	45	25	0	0	0	0
0	0	0	0	653	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0
0	0	0	0	10	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
10	0	0	0	90	28	0	0	0	0
0	0	0	0	4	0	0	0	0	0
0	0	15	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0
0	0	0	0	1052	0	0	0	0	0
9	0	0	0	32	18	0	0	0	0
16	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	21	0	9	0	0	19	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	54	0	0	0	0	0
0	0	0	0	3	0	0	0	0	0
114	0	0	0	72	103	0	0	0	19
0	0	0	0	76	0	0	0	0	0
0	0	0	0	275	0	0	0	0	0
0	0	0	0	4	0	0	0	0	0
0	0	0	0	6	0	0	0	0	0
0	0	0	0	6	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0
3	81	0	0	6	5	36	0	0	0
0	0	0	0	10	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	68	0	0	0	0	0
0	0	0	0	88	0	0	0	0	0
10	0	0	0	24	8	0	0	0	0
3	0	0	0	24	11	0	0	0	0
0	0	21	0	9	0	0	19	0	0
0	26	0	0	8	0	38	0	0	0
0	0	0	0	11	0	0	0	0	0
0	0	0	0	18	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	66	0	0	0	0	0
10	0	12	0	0	0	0	0	0	0
0	0	24	0	0	0	0	0	0	0
0	0	26	0	0	0	0	0	0	0
0	34	0	0	0	0	19	0	0	0
0	0	21	0	0	0	0	0	0	0
0	0	0	0	10	0	0	0	0	0
9	0	0	0	32	18	0	0	0	0

0	0	0	0	0	0	0	0	0	0
0	0	0	0	46	0	0	0	0	0
0	0	0	0	275	0	0	0	0	0
26	0	0	0	24	24	0	0	0	3
0	0	0	0	10	0	0	0	0	0
20	0	0	0	20	17	0	0	0	0
0	0	0	0	68	0	0	0	0	0
0	0	0	0	382	0	0	0	0	0
0	17	0	0	8	0	19	0	0	0
0	0	0	0	558	0	0	0	0	0
0	0	0	0	1052	0	0	0	0	0
0	0	0	0	20	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0
0	0	0	0	729	0	0	0	0	0
0	0	0	0	572	0	0	0	0	0
0	14	0	0	8	0	19	0	0	0
0	14	0	0	27	0	23	0	0	0
0	0	0	0	653	0	0	0	0	0
0	0	0	0	48	0	0	0	0	0
10	0	0	0	52	15	0	0	0	0
0	0	86	0	44	0	0	72	0	0
0	14	0	0	27	0	23	0	0	0

T(S..F)	T(S..CI)	T(F..F)	T(CI..CI)	MWC01	MWC02	MWC03	MWC04	MWC05	MWC06
0	0	0	0	26	4.812	5.638	6.497	7.345	8.211
0	0	0	0	24	4.71	5.485	6.319	7.125	7.966
0	0	0	0	25	4.812	5.694	6.6	7.503	8.417
0	0	0	0	18	4.394	5.153	5.958	6.746	7.556
0	0	0	0	26	4.844	5.694	6.581	7.449	8.341
0	0	0	0	23	4.691	5.533	6.405	7.274	8.159
0	0	0	0	23	4.762	5.673	6.605	7.536	8.474
0	0	132	0	40	5.303	6.146	7.052	7.921	8.825
0	0	0	0	20	4.511	5.313	6.138	6.965	7.8
0	0	0	0	26	4.844	5.714	6.611	7.505	8.414
0	0	0	0	21	4.615	5.46	6.337	7.206	8.09
0	0	0	0	36	5.165	6.038	6.944	7.847	8.768
0	0	0	0	27	4.905	5.796	6.711	7.623	8.546
0	0	0	0	26	4.828	5.673	6.544	7.409	8.288
0	0	0	0	24	4.745	5.587	6.466	7.338	8.227
0	0	0	0	24	4.762	5.617	6.503	7.382	8.275
0	0	0	4	15	4.263	5.081	5.927	6.763	7.612
0	0	0	0	26	4.844	5.707	6.597	7.482	8.378
0	0	0	0	54	5.541	6.354	7.206	8.038	8.888
0	0	0	0	36	5.165	6.047	6.952	7.857	8.772
0	0	0	0	25	4.796	5.666	6.561	7.455	8.361
0	0	0	0	22	4.673	5.533	6.418	7.302	8.196
0	0	0	0	31	5.004	5.861	6.739	7.614	8.5
0	0	0	0	23	4.691	5.533	6.405	7.274	8.159
0	0	0	0	23	4.673	5.509	6.365	7.223	8.089
0	0	0	0	25	4.812	5.687	6.589	7.488	8.398
0	0	0	0	26	4.844	5.707	6.611	7.508	8.429
0	0	0	0	24	4.727	5.525	6.375	7.206	8.062
0	0	0	0	24	4.812	5.727	6.678	7.624	8.586
0	0	0	0	28	4.86	5.68	6.526	7.373	8.235
0	0	0	0	23	4.691	5.533	6.405	7.274	8.159
0	0	0	0	17	4.419	5.293	6.192	7.089	7.995
0	0	0	0	25	4.762	5.565	6.399	7.22	8.057
0	0	0	0	49	5.442	6.267	7.125	7.965	8.826
0	0	0	7	23	4.727	5.587	6.479	7.363	8.26
0	0	0	0	31	5.004	5.826	6.703	7.553	8.441
0	0	0	0	24	4.779	5.694	6.635	7.583	8.543
0	0	0	0	14	4.174	4.89	5.72	6.482	7.314
0	0	0	0	30	5.081	6.023	7.004	7.969	8.955
0	0	0	0	20	4.533	5.342	6.18	7.015	7.86
0	0	0	0	19	4.443	5.187	5.979	6.751	7.546
0	0	0	0	13	4.111	4.89	5.72	6.526	7.363
0	0	0	0	23	4.727	5.609	6.515	7.419	8.333
0	0	0	0	30	5.081	6.047	7.04	8.031	9.032
0	0	0	0	31	5.004	5.844	6.737	7.613	8.521
0	0	0	0	23	4.71	5.557	6.435	7.307	8.193
0	0	0	0	21	4.615	5.46	6.337	7.206	8.09
0	0	0	0	25	4.812	5.68	6.578	7.468	8.372
0	0	0	0	21	4.635	5.509	6.415	7.314	8.226

0	0	0	0	19	4.443	5.198	5.999	6.786	7.593
0	0	0	0	27	4.828	5.659	6.512	7.373	8.245
0	0	0	0	27	4.977	5.948	6.946	7.944	8.951
0	0	0	0	56	5.572	6.382	7.228	8.055	8.9
0	0	0	0	35	5.153	6.033	6.932	7.825	8.727
0	0	0	0	19	4.466	5.209	6.019	6.788	7.596
0	0	0	0	31	5.004	5.826	6.703	7.553	8.441
0	0	0	0	29	5.043	5.984	6.959	7.923	8.903
0	0	0	0	29	5.043	5.984	6.959	7.923	8.903
0	0	0	0	22	4.654	5.501	6.382	7.259	8.153
0	0	0	0	22	4.673	5.533	6.422	7.311	8.21
0	0	0	0	13	4.111	4.875	5.694	6.482	7.302
0	0	0	0	30	4.949	5.796	6.663	7.535	8.416
0	0	0	0	21	4.615	5.476	6.361	7.248	8.146
0	0	0	0	25	4.745	5.572	6.418	7.269	8.127
0	0	0	0	29	4.963	5.844	6.756	7.663	8.587
18	0	0	0	16	4.394	5.198	6.107	6.934	7.84
0	0	0	0	18	4.443	5.242	6.075	6.897	7.735
0	0	0	0	20	4.533	5.352	6.209	7.055	7.923
0	0	0	0	21	4.595	5.425	6.282	7.132	7.994
0	0	0	0	32	5.056	5.883	6.772	7.627	8.522
0	0	0	0	31	5.017	5.894	6.79	7.685	8.587
0	0	0	0	24	4.762	5.595	6.472	7.326	8.204
0	0	0	0	27	4.844	5.609	6.447	7.229	8.063
0	0	0	0	16	4.369	5.242	6.151	7.047	7.964
0	0	0	0	27	4.86	5.7	6.567	7.425	8.294
0	0	0	0	25	4.779	5.602	6.463	7.309	8.175
0	0	0	0	24	4.875	5.733	6.72	7.619	8.6
0	0	0	0	24	4.745	5.587	6.469	7.338	8.23
0	0	0	0	24	4.779	5.659	6.558	7.449	8.35
0	0	0	0	33	5.106	6.009	6.932	7.856	8.787
0	0	0	0	19	4.554	5.451	6.365	7.28	8.201
0	0	0	0	25	4.796	5.652	6.547	7.431	8.334
0	0	0	0	36	5.13	5.964	6.819	7.673	8.538
0	0	0	0	25	4.796	5.666	6.558	7.446	8.345
0	11	0	0	32	5.056	5.927	6.819	7.703	8.597
0	0	0	0	23	4.71	5.541	6.415	7.27	8.149
0	0	0	0	15	4.317	5.13	6.033	6.872	7.775
0	0	0	0	49	5.549	6.482	7.451	8.408	9.381
0	0	0	0	29	4.977	5.872	6.795	7.714	8.645
0	0	0	0	25	4.89	5.849	6.834	7.818	8.811
0	0	0	0	31	5.106	6.066	7.054	8.041	9.039
0	0	0	0	27	4.86	5.707	6.572	7.433	8.301
0	0	0	0	23	4.691	5.533	6.405	7.274	8.159
0	0	0	0	43	5.398	6.312	7.256	8.19	9.14
0	0	0	0	22	4.615	5.389	6.221	7.027	7.873
0	0	0	0	30	4.977	5.844	6.735	7.624	8.525
0	0	0	0	16	4.369	5.153	6.019	6.834	7.695
0	0	0	0	21	4.554	5.303	6.116	6.887	7.703
0	0	0	0	34	5.118	5.994	6.889	7.777	8.675



0	0	0	0	22	4.654	5.493	6.365	7.222	8.096
0	0	0	0	23	4.691	5.493	6.347	7.174	8.033
0	5	0	0	23	4.71	5.557	6.444	7.323	8.222
0	0	0	0	34	5.081	5.927	6.795	7.66	8.534
0	0	0	0	47	5.398	6.201	7.045	7.867	8.71
0	0	0	0	15	4.29	5.142	6.023	6.895	7.783
0	0	0	0	38	5.198	6.043	6.909	7.771	8.644
0	0	0	0	19	4.466	5.209	6.019	6.788	7.596
0	0	0	0	15	4.344	5.242	6.159	7.072	7.992
0	0	0	0	29	4.905	5.72	6.569	7.41	8.271
0	0	0	0	23	4.673	5.485	6.33	7.163	8.018
0	0	0	0	26	4.844	5.707	6.611	7.508	8.429
0	0	0	0	54	5.617	6.494	7.412	8.306	9.223
0	0	0	0	42	5.38	6.293	7.239	8.173	9.124
0	0	0	0	22	4.635	5.485	6.354	7.232	8.117
0	0	0	0	31	5.13	6.094	7.084	8.072	9.068
0	0	0	0	20	4.511	5.303	6.129	6.948	7.786
0	0	0	0	39	5.209	6.066	6.95	7.84	8.743
0	0	0	0	34	5.118	5.994	6.895	7.786	8.691
0	0	0	0	10	3.932	4.762	5.659	6.515	7.409
0	0	0	0	24	4.779	5.659	6.569	7.476	8.395
0	0	0	0	26	4.92	5.878	6.86	7.843	8.835
0	0	0	0	27	4.89	5.759	6.666	7.566	8.484
0	0	0	4	55	5.595	6.466	7.361	8.245	9.146
0	0	0	4	40	5.273	6.129	7.018	7.892	8.79
0	0	0	3	17	4.419	5.263	6.138	7	7.879
0	0	0	0	35	5.13	5.958	6.828	7.676	8.547
0	0	0	0	18	4.419	5.242	6.089	6.936	7.796
0	0	0	0	34	5.081	5.943	6.838	7.739	8.658
0	0	0	0	28	5.004	5.969	6.963	7.959	8.964
0	0	0	0	37	5.176	6.019	6.901	7.77	8.663
0	0	0	0	26	4.844	5.714	6.624	7.527	8.449
0	0	0	0	27	4.875	5.733	6.635	7.526	8.438
0	0	0	0	22	4.635	5.485	6.354	7.232	8.117
0	0	0	0	49	5.493	6.395	7.318	8.239	9.169
9	0	0	0	34	5.118	5.938	6.825	7.676	8.57
0	0	0	0	25	4.828	5.727	6.648	7.566	8.497
0	0	0	0	14	4.143	4.905	5.7	6.485	7.286
0	0	0	3	22	4.673	5.541	6.428	7.317	8.21
0	0	0	0	30	4.977	5.802	6.671	7.513	8.382
0	0	0	0	17	4.419	5.293	6.184	7.076	7.974
0	0	0	0	24	4.844	5.771	6.727	7.674	8.632
0	0	0	0	29	4.934	5.784	6.653	7.516	8.389
0	0	0	0	21	4.615	5.442	6.323	7.182	8.069
0	0	0	0	68	5.872	6.821	7.812	8.794	9.798
0	0	0	0	65	5.82	6.767	7.751	8.731	9.728
0	0	0	0	13	4.234	5.106	6.061	6.942	7.9
0	0	0	0	20	4.575	5.442	6.337	7.228	8.128
0	0	0	0	31	5.017	5.894	6.804	7.708	8.626
0	0	0	0	53	5.602	6.475	7.394	8.285	9.202

0	0	0	0	48	5.493	6.405	7.338	8.268	9.208
0	0	0	0	28	4.905	5.733	6.594	7.441	8.306
0	0	0	0	39	5.252	6.125	7.017	7.905	8.802
0	0	0	0	49	5.468	6.301	7.185	8.036	8.923
0	0	0	0	11	3.932	4.71	5.509	6.312	7.119
0	0	0	0	30	5.081	6.047	7.04	8.031	9.032
0	0	0	0	43	5.342	6.176	7.057	7.908	8.792
0	0	0	0	68	5.849	6.756	7.705	8.648	9.611
0	0	0	0	21	4.635	5.451	6.337	7.182	8.072
0	0	0	0	38	5.22	6.071	6.956	7.828	8.72
0	0	0	0	25	4.812	5.666	6.558	7.445	8.346
0	0	0	0	37	5.176	5.994	6.86	7.702	8.571
0	0	0	0	31	5.004	5.849	6.727	7.586	8.471
0	0	0	0	20	4.533	5.333	6.172	7	7.849
0	0	0	0	17	4.317	5.081	5.866	6.648	7.439
0	0	0	0	62	5.771	6.683	7.627	8.557	9.506
0	0	0	0	31	5.004	5.849	6.735	7.612	8.509
0	0	0	0	30	4.99	5.844	6.727	7.597	8.483
0	0	0	0	17	4.369	5.165	5.999	6.815	7.652
0	0	0	0	37	5.198	6.066	6.965	7.86	8.769
0	0	0	0	15	4.29	5.142	6.023	6.895	7.783
0	0	0	0	31	5.017	5.889	6.777	7.662	8.555
0	0	0	0	20	4.533	5.333	6.172	6.999	7.844
0	0	0	0	53	5.517	6.33	7.177	8.005	8.854
0	0	0	0	53	5.549	6.382	7.265	8.118	9.002
0	0	0	0	67	5.861	6.81	7.801	8.782	9.786
0	0	0	0	21	4.635	5.517	6.435	7.349	8.279
0	0	0	0	27	4.89	5.778	6.681	7.585	8.494
0	0	0	0	27	4.89	5.784	6.693	7.605	8.522
0	0	0	0	22	4.654	5.501	6.382	7.259	8.153
24	0	0	0	27	4.89	5.72	6.605	7.456	8.341
0	0	0	0	23	4.779	5.694	6.632	7.564	8.506
0	0	0	0	23	4.691	5.533	6.405	7.274	8.159
0	0	0	0	29	5.043	5.984	6.959	7.923	8.903
0	0	0	0	36	5.142	5.984	6.862	7.732	8.623
0	0	0	0	25	4.828	5.707	6.621	7.523	8.445
0	0	0	0	26	4.844	5.707	6.592	7.47	8.357
0	0	0	0	37	5.198	6.066	6.965	7.86	8.769
0	0	4	0	27	4.905	5.79	6.711	7.618	8.546
0	0	0	0	26	4.92	5.844	6.804	7.747	8.711
0	0	0	0	24	4.745	5.587	6.457	7.319	8.197
0	0	0	0	30	4.934	5.759	6.613	7.465	8.332
0	0	0	0	34	5.081	5.927	6.795	7.66	8.534
0	5	0	0	23	4.71	5.557	6.444	7.323	8.222
0	0	0	0	26	4.844	5.707	6.597	7.482	8.378
0	0	0	4	15	4.263	5.081	5.927	6.763	7.612
0	0	0	0	38	5.198	6.043	6.909	7.771	8.644
0	0	0	0	23	4.673	5.485	6.33	7.163	8.018
0	0	0	0	24	4.844	5.771	6.727	7.674	8.632
0	0	0	0	31	5.004	5.849	6.735	7.612	8.509

0	0	0	0	22	4.635	5.485	6.354	7.232	8.117
0	0	0	0	28	4.99	5.916	6.882	7.83	8.802
0	0	0	0	67	5.861	6.81	7.801	8.782	9.786
0	0	0	0	24	4.796	5.68	6.6	7.506	8.431
0	0	0	0	38	5.22	6.071	6.956	7.828	8.72
0	0	0	0	21	4.554	5.303	6.116	6.887	7.703
0	0	0	0	29	5.043	5.984	6.959	7.923	8.903
0	0	0	0	43	5.398	6.312	7.256	8.19	9.14
0	0	0	0	25	4.812	5.687	6.589	7.488	8.398
0	0	0	0	53	5.602	6.475	7.394	8.285	9.202
0	0	0	0	62	5.771	6.683	7.627	8.557	9.506
0	0	0	0	19	4.466	5.209	6.019	6.788	7.596
0	0	0	0	17	4.317	5.081	5.866	6.648	7.439
0	0	0	0	85	6.023	6.862	7.745	8.608	9.492
0	0	0	0	48	5.493	6.405	7.34	8.273	9.215
0	0	0	0	25	4.812	5.687	6.589	7.488	8.398
0	0	0	0	29	4.99	5.883	6.815	7.733	8.672
0	0	0	0	68	5.849	6.756	7.705	8.648	9.611
0	0	0	0	35	5.13	5.958	6.828	7.676	8.547
0	0	0	0	25	4.844	5.727	6.65	7.554	8.481
0	0	0	4	40	5.273	6.129	7.018	7.892	8.79
0	0	0	0	29	4.99	5.889	6.819	7.743	8.681

MWC07	MWC08	MWC09	MWC10	TWC	SRW01	SRW02	SRW03	SRW04	SRW05
9.069	9.939	10.802	11.674	124.989	25	52	0	192	0
8.789	9.633	10.466	11.314	119.806	24	48	0	172	0
9.329	10.246	11.161	12.081	122.843	22	50	0	194	10
8.357	9.169	9.976	10.79	104.101	18	36	0	124	0
9.214	10.108	10.984	11.878	126.092	25	52	0	200	10
9.04	9.929	10.817	11.709	117.559	21	46	0	170	0
9.411	10.351	11.29	12.231	119.335	20	46	0	186	0
9.705	10.608	11.493	12.396	156.45	37	80	0	320	10
8.636	9.476	10.315	11.156	109.31	19	40	0	140	0
9.32	10.236	11.15	12.07	124.864	23	52	0	200	20
8.969	9.856	10.738	11.626	112.896	19	42	0	158	0
9.686	10.613	11.539	12.471	148.071	33	72	0	276	10
9.467	10.394	11.319	12.248	128.008	24	54	6	214	40
9.161	10.045	10.923	11.809	124.681	24	52	0	196	10
9.112	10.006	10.898	11.795	120.173	22	48	0	180	0
9.164	10.06	10.953	11.85	120.565	22	48	0	184	0
8.453	9.304	10.147	10.997	97.547	14	30	0	110	10
9.271	10.171	11.068	11.97	124.488	23	52	0	200	0
9.728	10.578	11.422	12.273	185.028	51	108	0	400	0
9.686	10.606	11.525	12.449	147.059	32	72	0	276	20
9.264	10.173	11.08	11.991	122.348	22	50	0	190	0
9.087	9.984	10.878	11.777	115.848	20	44	0	168	0
9.383	10.274	11.162	12.056	135.593	28	62	0	234	10
9.04	9.929	10.817	11.709	117.559	21	46	0	170	0
8.955	9.825	10.694	11.565	116.899	21	46	0	166	10
9.306	10.219	11.131	12.046	123.676	23	50	0	194	0
9.343	10.273	11.197	12.132	126.044	24	52	0	200	10
8.909	9.771	10.628	11.494	119.697	23	48	0	176	10
9.543	10.509	11.471	12.438	122.389	21	48	0	196	10
9.095	9.965	10.833	11.707	128.274	26	56	0	200	0
9.04	9.929	10.817	11.709	117.559	21	46	0	170	0
8.898	9.806	10.71	11.619	105.022	16	34	0	130	0
8.885	9.724	10.556	11.396	121.564	24	50	0	182	0
9.671	10.533	11.382	12.245	174.456	46	98	0	362	0
9.154	10.053	10.95	11.849	118.422	21	46	0	178	0
9.306	10.2	11.076	11.974	137.085	30	62	0	234	0
9.503	10.469	11.433	12.401	122.039	21	48	0	188	0
8.097	8.928	9.722	10.551	94.878	15	28	0	100	0
9.927	10.915	11.891	12.879	137.644	27	60	0	260	10
8.704	9.554	10.403	11.256	110.846	20	40	0	144	0
8.331	9.128	9.92	10.719	106.005	19	38	0	130	0
8.178	9.018	9.837	10.678	92.323	13	26	0	94	0
9.244	10.16	11.074	11.991	118.071	20	46	0	178	0
10.033	11.039	12.044	13.052	136.4	25	60	6	260	50
9.415	10.331	11.233	12.153	137.851	30	62	0	234	0
9.076	9.966	10.852	11.744	117.84	21	46	0	174	0
8.969	9.856	10.738	11.626	112.896	19	42	0	158	0
9.272	10.179	11.083	11.991	122.434	22	50	0	194	10
9.131	10.043	10.95	11.862	114.084	19	42	0	162	0

8.394	9.205	10.013	10.827	106.458	19	38	0	130	0
9.122	10.004	10.891	11.781	127.415	26	54	0	194	0
9.958	10.967	11.977	12.988	130.655	23	54	0	234	10
9.734	10.579	11.417	12.261	189.127	53	112	0	412	0
9.625	10.527	11.427	12.33	144.58	31	70	0	274	10
8.379	9.187	9.978	10.786	106.409	19	38	0	134	0
9.306	10.2	11.076	11.974	137.085	30	62	0	234	0
9.874	10.856	11.83	12.813	135.184	26	58	0	250	10
9.874	10.856	11.83	12.813	135.184	26	58	0	250	10
9.044	9.945	10.842	11.745	115.526	20	44	0	164	0
9.11	10.014	10.918	11.824	116.016	20	44	0	168	0
8.097	8.917	9.714	10.535	91.726	13	26	0	94	0
9.3	10.189	11.08	11.973	132.902	27	60	0	220	0
9.044	9.949	10.854	11.764	113.457	19	42	0	158	20
8.987	9.85	10.713	11.578	121.258	23	50	0	178	0
9.505	10.433	11.356	12.286	132.391	26	58	0	226	0
8.679	9.58	10.428	11.325	101.487	15	32	0	128	10
8.563	9.404	10.234	11.076	105.668	18	36	0	132	0
8.782	9.654	10.52	11.395	110.421	19	40	0	144	10
8.849	9.713	10.57	11.434	112.993	20	42	0	154	0
9.391	10.29	11.169	12.07	139.781	31	64	0	248	0
9.488	10.393	11.297	12.203	135.355	27	62	0	238	0
9.063	9.941	10.803	11.681	120.848	23	48	0	184	10
8.853	9.684	10.48	11.309	125.519	26	54	0	198	0
8.867	9.786	10.692	11.611	103.728	16	32	0	124	0
9.158	10.029	10.896	11.768	126.698	25	54	0	202	20
9.03	9.9	10.76	11.631	122.649	24	50	0	186	0
9.522	10.495	11.431	12.401	123.397	22	48	0	212	20
9.11	10.006	10.893	11.791	120.169	22	48	0	180	0
9.244	10.145	11.041	11.941	120.168	21	48	0	188	20
9.718	10.652	11.586	12.521	141.167	29	66	0	262	20
9.122	10.046	10.97	11.894	108.883	16	38	0	150	10
9.229	10.136	11.036	11.945	123.107	23	50	0	190	0
9.402	10.273	11.144	12.02	146.962	34	72	0	272	0
9.238	10.139	11.036	11.938	123.162	23	50	0	190	10
9.486	10.38	11.271	12.165	137.403	28	64	0	248	20
9.016	9.898	10.771	11.654	117.424	21	46	0	174	20
8.627	9.527	10.386	11.283	98.95	14	30	0	118	10
10.348	11.323	12.294	13.27	176.505	43	98	0	414	30
9.575	10.511	11.446	12.386	132.92	26	58	0	230	10
9.802	10.798	11.791	12.788	125.382	21	50	0	214	10
10.037	11.041	12.045	13.052	138.481	26	62	0	274	10
9.166	10.035	10.902	11.771	125.748	24	54	0	202	10
9.04	9.929	10.817	11.709	117.559	21	46	0	170	0
10.082	11.037	11.984	12.943	164.343	39	86	0	354	0
8.696	9.549	10.381	11.238	114.989	22	44	0	156	0
9.424	10.33	11.234	12.143	133.835	27	60	0	228	0
8.523	9.381	10.216	11.071	101.261	16	32	0	124	0
8.484	9.302	10.09	10.908	111.346	21	42	0	146	10
9.568	10.467	11.361	12.261	142.109	30	68	0	264	10

8.959	9.833	10.698	11.573	115.893	21	44	0	164	0
8.868	9.729	10.567	11.429	117.332	22	46	0	170	0
9.116	10.021	10.922	11.829	118.144	21	46	0	174	0
9.406	10.283	11.16	12.039	143.885	33	68	0	252	0
9.54	10.384	11.218	12.062	170.425	45	94	0	346	0
8.661	9.551	10.432	11.322	99.098	14	30	0	114	10
9.516	10.394	11.272	12.154	149.9	34	76	0	284	10
8.379	9.187	9.978	10.786	106.409	19	38	0	134	0
8.908	9.828	10.744	11.664	100.953	14	30	0	122	10
9.126	9.994	10.858	11.73	130.585	27	58	0	210	0
8.861	9.723	10.572	11.438	117.263	22	46	0	166	0
9.343	10.273	11.197	12.132	126.044	24	52	0	200	10
10.122	11.039	11.941	12.858	189.011	52	108	0	440	0
10.067	11.021	11.969	12.926	162.192	38	84	0	348	0
9.005	9.896	10.788	11.681	115.193	20	44	0	160	0
10.063	11.062	12.06	13.061	140.693	28	62	0	274	10
8.618	9.461	10.3	11.146	109.203	19	40	0	140	0
9.65	10.563	11.479	12.398	153.899	36	78	0	286	0
9.589	10.495	11.396	12.302	142.265	30	68	0	264	20
8.273	9.163	10.031	10.918	86.661	10	20	0	80	10
9.31	10.232	11.151	12.075	121.647	22	48	0	188	10
9.826	10.821	11.815	12.812	127.609	22	52	0	220	10
9.398	10.322	11.244	12.172	128.501	25	54	0	210	10
10.036	10.94	11.833	12.739	186.36	49	110	0	426	30
9.672	10.574	11.462	12.368	155.179	36	80	0	308	20
8.748	9.627	10.498	11.378	103.949	16	34	0	130	0
9.404	10.276	11.138	12.01	144.967	33	70	0	266	0
8.65	9.514	10.371	11.236	105.253	17	36	0	128	0
9.58	10.512	11.446	12.384	144.182	32	68	0	252	0
9.97	10.979	11.989	12.999	132.797	24	56	0	240	10
9.546	10.446	11.337	12.241	150.099	35	74	0	278	0
9.362	10.287	11.204	12.13	127.141	25	52	0	200	0
9.341	10.259	11.167	12.086	129.06	26	54	0	206	0
9.005	9.896	10.788	11.681	115.193	20	44	0	160	0
10.097	11.03	11.962	12.897	175.6	44	98	0	386	10
9.436	10.335	11.212	12.113	144.222	33	68	0	264	0
9.426	10.364	11.3	12.244	123.599	22	50	6	198	60
8.077	8.88	9.675	10.478	93.63	14	28	0	96	0
9.105	10.001	10.898	11.796	115.969	20	44	0	168	0
9.23	10.1	10.951	11.822	133.447	28	60	0	228	0
8.871	9.771	10.669	11.57	103.827	15	34	0	130	0
9.584	10.544	11.498	12.458	122.734	21	48	0	204	10
9.257	10.132	11.003	11.88	130.549	26	58	0	218	10
8.942	9.832	10.71	11.601	113.716	20	42	0	158	0
10.793	11.804	12.806	13.82	216.321	60	136	0	572	30
10.721	11.726	12.726	13.735	209.705	57	130	0	542	30
8.782	9.74	10.623	11.581	94.971	11	26	0	110	0
9.025	9.927	10.826	11.728	111.216	18	40	0	152	0
9.541	10.463	11.383	12.308	137.744	29	62	0	238	0
10.098	11.014	11.913	12.829	186.813	51	106	0	434	0

10.147	11.09	12.034	12.98	172.962	42	96	0	388	20
9.16	10.027	10.885	11.754	128.805	26	56	0	212	0
9.697	10.598	11.497	12.4	152.293	34	78	0	302	20
9.784	10.671	11.539	12.427	174.335	45	98	0	374	10
7.926	8.735	9.544	10.354	87.141	12	22	0	78	0
10.033	11.039	12.044	13.052	136.4	25	60	6	260	50
9.652	10.537	11.403	12.289	162.156	40	86	0	330	0
10.573	11.547	12.52	13.503	216.713	62	136	0	564	0
8.931	9.824	10.691	11.585	113.708	20	42	0	162	10
9.602	10.499	11.387	12.286	151.569	35	76	0	292	0
9.247	10.155	11.063	11.975	123.268	23	50	0	194	10
9.425	10.297	11.157	12.031	149.212	35	74	0	278	10
9.335	10.223	11.091	11.981	135.268	28	62	0	234	10
8.69	9.542	10.389	11.243	109.751	19	40	0	144	0
8.227	9.021	9.813	10.61	101.022	17	34	0	114	10
10.447	11.402	12.351	13.31	202.656	55	124	0	516	20
9.401	10.304	11.204	12.109	136.727	29	62	0	234	0
9.359	10.246	11.125	12.013	133.385	27	60	0	232	20
8.476	9.315	10.144	10.983	102.918	17	34	0	122	0
9.673	10.586	11.495	12.41	150.022	34	74	0	286	0
8.661	9.551	10.432	11.322	99.098	14	30	0	114	10
9.445	10.339	11.232	12.128	136.044	28	62	0	238	10
8.684	9.534	10.38	11.234	109.711	19	40	0	144	0
9.688	10.537	11.376	12.226	182.71	50	106	0	390	20
9.865	10.75	11.619	12.505	183.054	49	106	0	406	0
10.78	11.79	12.791	13.805	214.206	59	134	0	566	30
9.206	10.139	11.071	12.006	114.637	19	42	0	162	10
9.404	10.315	11.226	12.138	127.511	24	54	0	210	0
9.439	10.358	11.277	12.198	127.767	24	54	0	210	0
9.044	9.945	10.842	11.745	115.526	20	44	0	164	0
9.201	10.084	10.95	11.833	127.081	25	54	0	210	10
9.444	10.388	11.328	12.273	119.608	20	46	0	190	10
9.04	9.929	10.817	11.709	117.559	21	46	0	170	0
9.874	10.856	11.83	12.813	135.184	26	58	0	250	10
9.508	10.407	11.3	12.204	147.761	34	72	0	268	0
9.358	10.283	11.203	12.132	124.101	23	50	0	198	0
9.241	10.129	11.015	11.904	125.259	24	52	0	200	10
9.673	10.586	11.495	12.41	150.022	34	74	0	286	0
9.462	10.393	11.313	12.245	128.983	25	54	0	214	0
9.662	10.627	11.581	12.547	127.441	23	52	0	220	10
9.069	9.951	10.829	11.714	119.868	22	48	0	180	10
9.196	10.071	10.943	11.822	133.135	28	60	0	216	0
9.406	10.283	11.16	12.039	143.885	33	68	0	252	0
9.116	10.021	10.922	11.829	118.144	21	46	0	174	0
9.271	10.171	11.068	11.97	124.488	23	52	0	200	0
8.453	9.304	10.147	10.997	97.547	14	30	0	110	10
9.516	10.394	11.272	12.154	149.9	34	76	0	284	10
8.861	9.723	10.572	11.438	117.263	22	46	0	166	0
9.584	10.544	11.498	12.458	122.734	21	48	0	204	10
9.401	10.304	11.204	12.109	136.727	29	62	0	234	0

9.005	9.896	10.788	11.681	115.193	20	44	0	160	0
9.758	10.732	11.692	12.667	132.269	25	56	0	236	10
10.78	11.79	12.791	13.805	214.206	59	134	0	566	30
9.348	10.277	11.201	12.133	121.972	22	48	0	192	10
9.602	10.499	11.387	12.286	151.569	35	76	0	292	0
8.484	9.302	10.09	10.908	111.346	21	42	0	146	10
9.874	10.856	11.83	12.813	135.184	26	58	0	250	10
10.082	11.037	11.984	12.943	164.343	39	86	0	354	0
9.306	10.219	11.131	12.046	123.676	23	50	0	194	0
10.098	11.014	11.913	12.829	186.813	51	106	0	434	0
10.447	11.402	12.351	13.31	202.656	55	124	0	516	20
8.379	9.187	9.978	10.786	106.409	19	38	0	134	0
8.227	9.021	9.813	10.61	101.022	17	34	0	114	10
10.366	11.25	12.129	13.014	255.49	85	170	0	654	0
10.156	11.103	12.049	12.998	173.033	42	96	0	388	20
9.306	10.219	11.131	12.046	123.676	23	50	0	194	0
9.602	10.544	11.479	12.424	133.143	26	58	0	234	0
10.573	11.547	12.52	13.503	216.713	62	136	0	564	0
9.402	10.276	11.135	12.01	144.96	33	70	0	266	0
9.395	10.322	11.242	12.172	124.387	23	50	0	202	10
9.672	10.574	11.462	12.368	155.179	36	80	0	308	20
9.615	10.557	11.496	12.439	133.228	26	58	0	234	0



SRW06	SRW07	SRW08	SRW09	SRW10	MPC01	MPC02	MPC03	MPC04	MPC05
856	0	4160	0	21152	26	35	44	53	62
720	0	3276	0	15738	24	31	34	40	47
908	126	4642	1116	24970	25	36	51	72	94
504	0	2228	0	10346	18	22	24	27	31
928	98	4688	702	24832	26	37	48	57	62
760	14	3738	216	19406	23	31	41	55	72
934	0	5218	0	30886	23	35	52	75	108
1502	98	7592	684	40080	40	60	73	94	124
598	0	2796	0	13670	20	25	31	37	45
946	210	4904	1656	26792	26	37	51	68	82
714	14	3518	198	18202	21	29	38	51	68
1290	112	6716	954	37352	36	51	71	100	134
1038	238	5534	1410	31104	27	40	54	74	101
898	98	4492	684	23592	26	36	47	56	62
810	14	4004	216	20908	24	33	43	58	78
846	14	4240	198	22298	24	34	45	59	79
480	84	2286	522	11410	15	20	25	30	30
928	14	4688	216	24742	26	37	50	68	95
1734	0	8064	0	38958	54	73	87	105	131
1302	196	6812	1458	37882	36	51	73	100	117
884	14	4518	216	24280	25	35	49	69	95
776	14	3904	216	20594	22	31	42	55	73
1070	126	5322	1116	27692	31	43	58	76	97
760	14	3738	216	19406	23	31	41	55	72
730	84	3550	540	18256	23	30	40	52	61
926	0	4882	0	27210	25	36	50	67	90
940	126	4888	1170	27012	26	37	50	67	86
750	112	3464	918	16888	24	32	37	46	56
978	154	5412	1656	31848	24	37	55	82	118
872	0	4176	0	21076	28	36	46	59	76
760	14	3738	216	19406	23	31	41	55	72
634	0	3450	0	19754	17	24	34	42	46
788	0	3686	0	17990	25	33	39	44	52
1598	0	7658	0	38268	49	66	82	102	117
826	14	4170	216	22036	23	33	44	58	79
1046	0	5138	0	26822	31	43	52	67	82
960	0	5636	0	35708	24	35	54	81	118
412	0	1828	0	8508	14	18	16	16	18
1392	140	8276	1404	52080	30	50	76	108	144
628	0	3000	0	15100	20	26	32	35	40
518	0	2218	0	9918	19	23	24	26	32
404	0	1902	0	9406	13	17	19	21	22
844	14	4394	234	24006	23	33	47	67	94
1404	364	8548	2724	55860	30	50	78	122	186
1064	0	5378	0	29072	31	43	55	75	95
790	14	3902	198	20226	23	32	42	55	74
714	14	3518	198	18202	21	29	38	51	68
896	126	4482	1116	23440	25	36	49	68	91
762	14	3938	234	21392	21	30	42	59	77

524	0	2298	0	10608	19	23	25	28	33
870	0	4338	0	23044	27	35	46	53	59
1278	140	7906	1512	52484	27	45	74	116	175
1774	0	8196	0	39332	56	75	89	106	130
1300	112	6754	936	36820	35	51	71	95	121
542	0	2342	0	10538	19	24	24	27	32
1046	0	5138	0	26822	31	43	52	67	82
1336	140	7922	1404	49628	29	48	73	102	135
1336	140	7922	1404	49628	29	48	73	102	135
752	0	3852	0	21064	22	30	40	55	74
788	0	4088	0	22464	22	31	42	56	78
398	0	1806	0	8476	13	17	18	19	21
984	14	4836	216	25000	30	40	54	72	98
714	210	3558	1674	18872	21	29	40	54	63
782	0	3770	0	19030	25	32	42	54	68
1084	0	5762	0	32448	29	42	59	84	119
584	112	2848	900	14452	16	24	26	36	40
576	0	2700	0	13136	18	24	28	29	32
622	112	2960	918	14900	20	26	33	43	48
690	0	3402	0	17562	21	28	36	44	50
1138	0	5704	0	30164	32	46	55	68	84
1142	0	6038	0	33462	31	44	62	86	118
840	98	4144	702	21328	24	34	42	49	54
840	0	3782	0	17554	27	36	37	43	52
608	0	3364	0	19732	16	23	32	38	34
894	196	4290	1404	21564	27	37	48	60	63
830	0	4034	0	20500	25	34	42	51	59
1068	266	5772	2520	32748	24	41	48	73	100
810	14	3996	216	20768	24	33	43	59	76
882	238	4500	1998	23998	24	35	49	66	77
1290	238	7030	2070	40516	33	49	72	97	117
728	140	3870	1332	21568	19	28	41	59	81
884	0	4558	0	24910	25	35	47	65	84
1236	0	6104	0	31572	36	48	62	71	84
884	112	4510	936	24130	25	35	49	65	76
1150	224	5792	1836	30494	32	46	63	85	105
766	210	3646	1602	18256	23	32	40	53	61
540	112	2654	918	13590	15	22	25	34	38
2120	378	11998	3600	72028	49	79	119	179	251
1114	126	5958	1152	33808	29	43	62	88	121
1142	140	6854	1494	43970	25	41	66	104	158
1478	140	8914	1512	57642	31	51	82	124	188
912	98	4482	720	23004	27	37	49	63	77
760	14	3738	216	19406	23	31	41	55	72
1790	0	10018	0	59346	43	67	98	138	192
662	0	3076	0	15074	22	28	31	34	39
1056	14	5364	216	28630	30	42	58	79	107
560	0	2700	0	13492	16	23	24	25	30
576	98	2426	702	10652	21	26	27	32	29
1244	112	6416	936	34698	34	49	68	91	115

746	0	3732	0	19584	22	30	39	49	58
754	0	3618	0	18076	23	31	36	42	51
802	0	4118	0	22566	23	32	42	58	80
1154	0	5820	0	30848	34	46	61	70	78
1480	0	6770	0	32144	47	63	73	86	105
522	126	2594	1080	13480	15	21	28	36	37
1276	126	6204	1134	31436	38	52	68	88	116
542	0	2342	0	10538	19	24	24	27	32
600	112	3242	936	18480	15	23	33	42	47
916	0	4362	0	21848	29	38	47	60	77
724	0	3470	0	17566	23	30	37	45	54
940	126	4888	1170	27012	26	37	50	67	86
2148	0	11352	0	62558	54	83	110	131	155
1764	0	9884	0	58584	42	66	96	135	190
716	14	3552	216	18634	22	29	40	54	71
1514	154	9314	1638	60652	31	53	84	116	155
592	0	2732	0	13240	20	25	30	37	44
1302	0	6606	0	35688	39	52	72	100	139
1232	252	6264	2250	33358	34	49	68	94	115
380	126	1936	1080	10220	10	15	18	19	14
882	126	4516	1170	24338	24	35	49	67	87
1168	140	6988	1494	44732	26	42	68	107	162
984	140	5042	1368	27244	27	39	53	73	97
1982	308	10010	2376	52910	55	79	108	142	170
1418	196	7100	1458	37320	40	57	75	98	118
604	0	3074	0	16344	17	24	31	38	45
1198	0	5858	0	30020	35	49	60	74	93
564	0	2728	0	13856	18	23	30	38	44
1160	0	6092	0	34808	34	46	64	90	122
1298	140	7984	1512	52846	28	46	75	118	179
1262	0	6310	0	33484	37	51	66	87	109
946	0	4976	0	27852	26	37	51	70	90
960	0	4966	0	27334	27	38	51	69	88
716	14	3552	216	18634	22	29	40	54	71
1874	126	10050	1170	56908	49	72	106	150	207
1202	0	5936	0	30838	34	49	57	71	89
968	518	5262	4128	30430	25	37	51	70	86
394	0	1744	0	7998	14	17	19	20	21
794	0	4136	0	22644	22	31	43	56	74
1038	0	5108	0	26150	30	42	51	61	73
622	0	3306	0	18534	17	24	34	46	60
1068	126	6172	1134	37548	24	39	58	79	106
988	126	4858	1116	24898	29	40	53	68	82
726	0	3662	0	19442	21	29	36	45	56
2992	406	17492	4140	109466	68	109	172	272	405
2800	406	16182	4086	100410	65	103	163	259	388
572	0	3326	0	20306	13	21	27	42	54
706	14	3608	216	19380	20	28	39	54	70
1106	28	5670	414	30812	31	44	62	86	115
2116	0	11154	0	61286	53	82	107	128	150

1908	210	10348	1656	59366	48	73	108	155	217
968	0	4788	0	24696	28	39	48	55	70
1404	224	7070	1872	37118	39	56	77	104	138
1688	126	8222	1116	41768	49	69	85	113	139
334	0	1534	0	7302	11	14	16	12	8
1404	364	8548	2724	55860	30	50	78	122	186
1508	0	7466	0	38586	43	61	75	95	118
2866	0	16196	0	98056	68	105	151	210	298
732	112	3562	918	18132	21	30	35	44	53
1372	0	7028	0	37756	38	54	70	85	104
896	126	4490	1152	23600	25	36	47	62	85
1232	84	5910	522	29714	37	51	61	74	86
1070	98	5362	720	28252	31	43	56	72	83
622	0	2920	0	14360	20	26	31	38	48
448	98	1898	684	8384	17	20	23	24	19
2602	238	14500	2124	85624	62	98	141	194	254
1058	14	5226	234	27202	31	43	56	75	102
1068	210	5304	1602	27460	30	43	56	70	82
526	0	2474	0	12174	17	22	26	29	30
1370	0	7222	0	40134	37	53	72	91	116
522	126	2594	1080	13480	15	21	28	36	37
1112	84	5686	540	30532	31	44	61	79	99
622	0	2952	0	14830	20	26	31	38	47
1672	182	7670	1242	36516	53	71	85	102	113
1846	0	9094	0	46836	53	75	92	120	155
2966	406	17350	4122	108574	67	108	170	268	396
780	126	4178	1134	23792	21	30	43	60	71
1026	0	5538	0	31364	27	39	56	76	105
1032	0	5626	0	32244	27	39	57	79	111
752	0	3852	0	21064	22	30	40	55	74
960	112	4714	936	24024	27	39	47	59	73
964	126	5390	1134	31716	23	36	53	73	97
760	14	3738	216	19406	23	31	41	55	72
1336	140	7922	1404	49628	29	48	73	102	135
1212	0	6060	0	32232	36	49	64	84	106
968	0	5246	0	30190	25	37	51	67	84
928	112	4688	936	24732	26	37	50	63	76
1370	0	7222	0	40134	37	53	72	91	116
1038	0	5582	0	31814	27	40	56	78	102
1144	126	6588	1170	40032	26	42	62	87	114
810	112	3948	918	20118	24	33	43	55	67
948	0	4560	0	23100	30	39	50	65	82
1154	0	5820	0	30848	34	46	61	70	78
802	0	4118	0	22566	23	32	42	58	80
928	14	4688	216	24742	26	37	50	68	95
480	84	2286	522	11410	15	20	25	30	30
1276	126	6204	1134	31436	38	52	68	88	116
724	0	3470	0	17566	23	30	37	45	54
1068	126	6172	1134	37548	24	39	58	79	106
1058	14	5226	234	27202	31	43	56	75	102

716	14	3552	216	18634	22	29	40	54	71
1226	126	7084	1170	43396	28	45	67	97	128
2966	406	17350	4122	108574	67	108	170	268	396
936	98	5048	774	28908	24	36	50	66	78
1372	0	7028	0	37756	38	54	70	85	104
576	98	2426	702	10652	21	26	27	32	29
1336	140	7922	1404	49628	29	48	73	102	135
1790	0	10018	0	59346	43	67	98	138	192
926	0	4882	0	27210	25	36	50	67	90
2116	0	11154	0	61286	53	82	107	128	150
2602	238	14500	2124	85624	62	98	141	194	254
542	0	2342	0	10538	19	24	24	27	32
448	98	1898	684	8384	17	20	23	24	19
2954	0	14422	0	73760	85	121	150	178	199
1908	210	10364	1656	59626	48	73	108	157	221
926	0	4882	0	27210	25	36	50	67	90
1150	0	6266	0	36278	29	44	62	90	128
2866	0	16196	0	98056	68	105	151	210	298
1198	0	5858	0	30010	35	49	60	74	92
986	98	5314	684	30470	25	38	52	69	82
1418	196	7100	1458	37320	40	57	75	98	118
1156	0	6330	0	36808	29	44	63	90	129

MPC06	MPC07	MPC08	MPC09	MPC10	piPC01	piPC02	piPC03	piPC04	piPC05
65	72	72	65	54	3.497	4.007	4.489	4.966	5.463
46	50	47	44	37	3.401	3.839	4.193	4.658	5.115
110	132	149	159	160	3.57	4.223	4.87	5.513	6.044
25	23	22	19	15	3.135	3.512	3.866	4.289	4.717
68	65	57	55	57	3.497	4.069	4.525	4.962	5.389
81	92	100	102	100	3.434	3.989	4.57	5.146	5.692
126	152	177	203	186	3.401	4.06	4.705	5.334	5.951
139	153	170	178	202	3.892	4.454	4.883	5.376	5.865
40	40	38	34	27	3.296	3.784	4.27	4.727	5.203
83	92	96	97	92	3.434	3.882	4.341	4.768	5.138
73	77	77	73	72	3.401	3.989	4.543	5.133	5.695
167	217	266	307	338	3.807	4.321	4.874	5.459	5.928
120	141	149	155	139	3.526	4.086	4.637	5.175	5.735
62	68	67	65	63	3.497	4.007	4.5	4.956	5.419
89	100	111	117	114	3.434	3.989	4.522	5.074	5.633
91	100	104	100	97	3.555	4.174	4.718	5.292	5.861
27	24	22	16	12	2.996	3.541	4.003	4.447	4.797
109	128	152	167	174	3.526	4.111	4.682	5.261	5.86
128	142	164	172	177	4.263	4.749	5.14	5.541	6.03
125	141	145	136	148	3.85	4.401	4.954	5.508	5.971
107	125	142	150	149	3.497	4.094	4.7	5.312	5.891
82	86	85	82	81	3.434	4.025	4.605	5.173	5.739
103	121	136	137	145	3.664	4.19	4.718	5.212	5.705
81	92	100	102	100	3.434	3.989	4.57	5.146	5.692
63	68	72	73	59	3.466	4.039	4.653	5.245	5.691
101	113	120	129	113	3.466	4.016	4.598	5.123	5.668
102	118	122	112	105	3.555	4.094	4.668	5.208	5.757
56	58	66	55	54	3.466	4.012	4.473	5.048	5.526
149	175	201	200	204	3.367	3.942	4.541	5.129	5.685
77	92	98	92	90	3.555	4.007	4.466	4.956	5.469
81	92	100	102	100	3.401	3.932	4.472	5.016	5.553
36	33	28	19	12	3.091	3.597	4.123	4.563	4.935
47	42	39	38	33	3.497	4.007	4.466	4.909	5.371
111	117	133	144	149	4.127	4.61	5.012	5.428	5.799
88	94	95	92	84	3.466	4.078	4.654	5.224	5.799
95	103	107	114	102	3.584	3.97	4.248	4.575	4.883
139	166	181	194	166	3.434	4.007	4.649	5.277	5.875
11	8	4	0	0	2.833	3.135	2.944	2.944	3.219
181	222	274	311	318	3.555	4.094	4.605	4.977	5.366
37	30	24	24	21	3.219	3.701	4.178	4.594	5.057
27	26	28	24	18	3.135	3.512	3.834	4.218	4.71
19	10	8	6	4	2.833	3.35	3.778	4.195	4.577
109	128	144	156	166	3.401	3.97	4.538	5.104	5.667
248	326	425	507	556	3.555	4.167	4.725	5.303	5.881
109	117	124	114	104	3.714	4.256	4.712	5.232	5.706
85	93	95	91	88	3.526	4.127	4.663	5.234	5.809
73	77	77	73	72	3.401	3.989	4.543	5.133	5.695
107	127	148	162	156	3.481	4.073	4.65	5.247	5.736
83	89	91	89	90	3.401	3.989	4.559	5.169	5.716

28	26	25	23	17	3.178	3.541	3.887	4.275	4.717
54	57	53	46	42	3.526	3.922	4.341	4.706	5.078
232	298	371	429	456	3.466	4.086	4.698	5.288	5.869
126	138	157	168	174	4.29	4.766	5.152	5.533	6.006
132	146	158	173	182	3.784	4.373	4.96	5.511	5.966
27	28	28	22	20	3.178	3.597	3.855	4.289	4.763
95	103	107	114	102	3.584	3.97	4.248	4.575	4.883
166	208	252	285	291	3.526	4.06	4.564	4.927	5.298
166	208	252	285	291	3.555	4.094	4.595	4.984	5.361
80	92	100	100	80	3.367	3.912	4.46	5.035	5.61
86	96	102	104	78	3.367	3.932	4.483	5.042	5.632
17	13	10	6	0	2.89	3.384	3.744	4.137	4.557
113	135	159	178	191	3.638	4.143	4.696	5.251	5.821
72	82	91	80	75	3.258	3.773	4.301	4.815	5.257
65	73	76	72	63	3.466	3.932	4.425	4.905	5.382
140	169	199	215	204	3.714	4.331	4.97	5.59	6.227
40	45	46	26	14	3.091	3.767	4.296	4.973	5.448
31	31	29	20	13	3.135	3.597	3.994	4.39	4.815
47	49	52	43	36	3.219	3.676	4.123	4.648	5.086
44	42	41	40	35	3.258	3.726	4.155	4.568	4.936
98	109	113	121	109	3.611	4.025	4.304	4.585	4.898
120	137	154	174	179	3.664	4.174	4.677	5.187	5.706
58	55	46	47	48	3.434	3.998	4.398	4.815	5.268
44	47	52	50	52	3.466	3.882	4.115	4.509	4.942
32	16	12	4	2	2.996	3.401	3.761	4.094	3.85
63	66	65	65	68	3.555	4.086	4.593	5.091	5.226
59	66	67	58	45	3.466	3.989	4.454	4.934	5.424
111	138	156	129	111	3.296	3.892	3.932	4.331	4.673
87	98	106	110	106	3.434	3.97	4.494	5.042	5.576
82	86	92	91	103	3.434	4.012	4.606	5.188	5.6
127	142	158	170	186	3.714	4.234	4.758	5.238	5.649
92	107	120	127	120	3.239	3.882	4.546	5.191	5.829
87	91	99	99	78	3.555	4.127	4.659	5.226	5.764
87	96	99	102	103	3.784	4.212	4.598	4.904	5.273
84	98	108	104	108	3.611	4.216	4.891	5.555	6.091
112	127	141	138	151	3.738	4.353	4.944	5.546	6.029
66	77	87	84	90	3.401	3.975	4.518	5.125	5.599
36	36	30	18	12	3.135	3.855	4.292	4.96	5.418
315	391	482	537	586	4.078	4.684	5.272	5.871	6.385
146	189	231	262	282	3.611	4.223	4.865	5.515	6.071
207	264	323	364	387	3.401	4.016	4.632	5.236	5.82
252	332	435	525	588	3.555	4.151	4.734	5.288	5.85
77	85	92	91	101	3.526	4.06	4.57	5.058	5.539
81	92	100	102	100	3.466	4.025	4.64	5.246	5.829
243	307	387	485	568	3.97	4.585	5.204	5.785	6.371
44	48	38	33	28	3.296	3.726	4.147	4.563	5.021
125	151	180	200	209	3.664	4.234	4.804	5.374	5.934
26	28	19	12	6	3.045	3.57	3.937	4.332	4.807
27	26	22	22	23	3.314	3.767	4.041	4.467	4.42
125	137	152	163	173	3.761	4.347	4.932	5.491	5.938

55	57	58	58	52	3.367	3.97	4.527	5.056	5.554
51	52	52	54	46	3.401	3.912	4.369	4.828	5.327
88	102	113	116	93	3.401	3.97	4.511	5.092	5.685
82	86	70	56	52	3.761	4.248	4.792	5.246	5.668
102	110	124	130	126	4.094	4.543	4.852	5.182	5.627
29	28	24	16	10	3.045	3.57	4.056	4.545	4.903
121	141	169	186	208	3.912	4.503	5.073	5.648	6.189
27	28	28	22	20	3.178	3.597	3.855	4.289	4.763
46	38	30	17	4	3.02	3.618	4.21	4.712	4.913
78	94	100	94	94	3.611	4.078	4.489	4.97	5.478
55	54	57	55	46	3.384	3.922	4.477	5.061	5.638
102	118	122	112	105	3.555	4.094	4.668	5.208	5.757
171	195	219	250	274	4.043	4.477	4.771	4.934	5.13
239	300	375	472	546	3.951	4.575	5.187	5.775	6.367
79	88	94	96	94	3.367	3.892	4.46	5.009	5.55
194	243	288	321	332	3.584	4.143	4.673	5.043	5.403
40	44	40	32	24	3.296	3.761	4.227	4.73	5.222
168	223	276	317	336	3.818	4.311	4.914	5.557	6.217
120	139	150	139	156	3.761	4.304	4.812	5.36	5.818
5	1	0	0	0	2.565	2.996	3.219	3.401	3.219
107	119	130	142	132	3.481	4.09	4.715	5.309	5.805
216	279	342	392	422	3.434	4.034	4.642	5.236	5.812
109	126	134	122	117	3.638	4.301	4.943	5.61	6.204
197	228	249	280	317	4.241	4.794	5.319	5.831	6.222
136	151	158	172	181	3.922	4.469	4.948	5.429	5.798
41	37	35	26	21	3.178	3.829	4.407	4.961	5.493
98	104	107	126	120	3.861	4.454	4.968	5.518	6.096
36	36	32	20	12	3.135	3.541	3.966	4.408	4.801
142	174	196	222	228	3.761	4.304	4.931	5.556	6.137
237	307	391	451	479	3.526	4.119	4.707	5.293	5.87
116	123	128	123	119	3.912	4.466	4.942	5.441	5.917
100	97	79	70	57	3.584	4.167	4.68	5.209	5.688
97	101	99	87	71	3.611	4.182	4.675	5.188	5.673
79	88	94	96	94	3.401	3.951	4.559	5.14	5.686
254	326	413	509	627	4.094	4.68	5.288	5.865	6.392
106	123	126	128	122	3.807	4.407	4.816	5.368	5.944
88	98	102	100	104	3.401	3.882	4.301	4.737	5.07
15	14	12	8	4	2.996	3.35	3.683	4.071	4.448
78	86	89	93	82	3.367	3.951	4.522	5.055	5.593
70	72	75	80	82	3.784	4.413	4.914	5.429	5.948
60	64	66	66	44	3.157	3.818	4.494	5.135	5.749
127	154	180	199	190	3.296	3.807	4.248	4.585	4.934
80	86	91	88	95	3.611	4.103	4.598	5.038	5.463
50	52	50	36	20	3.219	3.676	4.082	4.515	4.982
561	772	1035	1332	1698	4.407	5.002	5.614	6.239	6.822
533	735	969	1245	1570	4.369	4.975	5.585	6.203	6.779
60	54	48	0	0	2.639	3.091	3.332	3.761	4.007
73	78	84	82	80	3.367	3.951	4.549	5.169	5.745
147	175	201	223	232	3.689	4.256	4.85	5.41	5.971
165	187	209	240	261	4.025	4.466	4.745	4.913	5.1



278	369	481	592	700	4.025	4.595	5.15	5.694	6.244
70	64	60	68	74	3.584	4.111	4.57	4.975	5.456
162	198	248	291	345	3.97	4.635	5.303	5.969	6.578
141	164	187	195	211	4.111	4.61	5.012	5.477	5.893
4	1	0	0	0	2.485	2.708	2.833	2.565	2.197
248	326	425	507	556	3.555	4.167	4.725	5.303	5.881
125	143	161	177	179	3.951	4.443	4.832	5.244	5.609
375	465	563	700	838	4.443	4.994	5.469	5.915	6.376
58	68	73	56	53	3.367	4.03	4.484	5.095	5.594
110	126	114	112	116	3.871	4.401	4.903	5.374	5.857
97	111	123	118	108	3.555	4.216	4.835	5.477	6.101
85	87	90	98	92	3.85	4.369	4.736	5.13	5.544
85	86	84	80	78	3.611	4.034	4.404	4.805	5.064
46	46	42	36	24	3.296	3.807	4.277	4.779	5.31
16	15	15	16	15	3.157	3.534	3.899	4.26	4.043
311	386	474	576	664	4.174	4.644	5.024	5.361	5.638
121	141	157	169	165	3.689	4.205	4.673	5.178	5.712
86	101	116	120	130	3.714	4.353	4.893	5.442	5.928
23	22	20	14	10	3.091	3.57	3.966	4.387	4.764
118	124	128	142	148	3.871	4.413	4.94	5.423	5.921
29	28	24	16	10	3.045	3.57	4.056	4.545	4.903
114	130	145	168	176	3.714	4.327	4.955	5.534	6.047
42	44	45	46	34	3.277	3.818	4.376	4.96	5.525
114	122	137	141	152	4.22	4.705	5.104	5.523	5.746
165	189	217	240	234	4.197	4.71	5.13	5.619	6.123
546	750	1000	1289	1644	4.382	4.989	5.6	6.219	6.796
66	68	60	44	28	3.401	3.951	4.494	5.077	5.56
112	126	132	147	153	3.541	4.103	4.71	5.288	5.878
123	143	159	182	191	3.541	4.119	4.754	5.356	5.97
80	92	100	100	80	3.367	3.912	4.46	5.035	5.61
75	77	86	87	84	3.611	4.245	4.801	5.381	5.898
115	141	167	186	176	3.296	3.861	4.373	4.843	5.304
81	92	100	102	100	3.401	3.932	4.472	5.016	5.553
166	208	252	285	291	3.497	4.025	4.489	4.828	5.153
112	119	122	118	111	3.892	4.443	4.927	5.424	5.902
83	89	87	91	82	3.584	4.234	4.783	5.325	5.841
80	85	94	89	92	3.584	4.245	4.876	5.465	5.995
118	124	128	142	148	3.871	4.413	4.94	5.423	5.921
118	131	140	150	137	3.526	4.103	4.689	5.237	5.765
139	172	208	231	230	3.401	3.912	4.331	4.7	5.017
72	86	93	90	94	3.555	4.171	4.78	5.387	5.919
82	94	102	100	90	3.714	4.256	4.826	5.403	5.98
82	86	70	56	52	3.761	4.248	4.792	5.246	5.668
88	102	113	116	93	3.401	3.97	4.511	5.092	5.685
109	128	152	167	174	3.526	4.111	4.682	5.261	5.86
27	24	22	16	12	2.996	3.541	4.039	4.542	4.945
121	141	169	186	208	3.912	4.503	5.073	5.648	6.189
55	54	57	55	46	3.384	3.922	4.477	5.061	5.638
127	154	180	199	190	3.296	3.807	4.248	4.585	4.934
121	141	157	169	165	3.689	4.205	4.673	5.178	5.712

79	88	94	96	94	3.367	3.892	4.46	5.009	5.55
157	193	234	265	264	3.466	3.97	4.407	4.787	5.112
546	750	1000	1289	1644	4.382	4.989	5.6	6.219	6.796
80	83	84	76	71	3.541	4.201	4.755	5.301	5.699
110	126	114	112	116	3.871	4.401	4.903	5.374	5.857
27	26	22	22	23	3.314	3.767	4.041	4.467	4.42
166	208	252	285	291	3.526	4.06	4.564	4.927	5.298
243	307	387	485	568	3.97	4.585	5.204	5.785	6.371
101	113	120	129	113	3.466	4.016	4.598	5.123	5.668
165	187	209	240	261	4.025	4.466	4.745	4.913	5.1
311	386	474	576	664	4.174	4.644	5.024	5.361	5.638
27	28	28	22	20	3.178	3.597	3.855	4.289	4.763
16	15	15	16	15	3.157	3.534	3.939	4.274	4.043
197	215	221	208	214	4.585	4.984	5.257	5.447	5.635
286	373	481	596	700	4.025	4.595	5.15	5.704	6.256
101	113	120	129	113	3.466	4.016	4.598	5.123	5.668
158	194	225	262	252	3.584	4.167	4.751	5.326	5.9
375	465	563	700	838	4.443	4.994	5.469	5.915	6.376
100	101	111	123	122	3.861	4.454	4.968	5.518	6.088
84	91	89	96	84	3.57	4.245	4.793	5.344	5.751
136	151	158	172	181	3.922	4.469	4.948	5.429	5.798
158	195	221	258	261	3.584	4.167	4.76	5.331	5.906

piPC06	piPC07	piPC08	piPC09	piPC10	TPC	piID	PCR	PCD	CID
5.518	5.804	6.09	6.313	6.446	73.053	95.517	1.308	22.464	49.703
5.227	5.506	5.477	5.446	5.246	74.255	93.377	1.258	19.122	46.798
6.401	6.885	7.299	7.685	8.012	101.372	159.296	1.571	57.924	45.956
4.547	4.604	4.684	4.555	4.428	58.293	79.622	1.366	21.329	35.256
5.724	5.794	5.631	5.383	5.418	85.059	107.842	1.268	22.783	49.393
5.896	6.295	6.641	6.951	7.199	93.241	141.802	1.521	48.561	43.271
6.273	6.69	7.102	7.473	7.64	95.061	131.275	1.381	36.213	41.936
5.997	6.241	6.312	6.437	6.731	131.978	165.484	1.254	33.506	74.597
5.03	5.243	5.484	5.758	5.908	62.633	89.998	1.437	27.365	38.314
5.146	5.418	5.575	5.749	5.891	81.805	95.163	1.163	13.358	47.696
5.898	6.246	6.509	6.724	7.004	78.247	115.544	1.477	37.297	39.182
6.309	6.766	7.187	7.395	7.689	140.986	186.849	1.325	45.863	67.45
6.12	6.489	6.746	6.994	6.974	92.22	116.519	1.263	24.299	49.016
5.442	5.735	5.927	6.11	6.282	79.237	101.094	1.276	21.857	48.7
5.823	6.156	6.544	6.899	7.161	96.185	138.76	1.443	42.576	45.121
6.186	6.553	6.838	7.052	7.321	88.954	131.183	1.475	42.229	44.904
4.758	4.732	4.904	4.961	4.808	48.835	66.311	1.358	17.476	28.18
6.173	6.61	7.053	7.446	7.762	107.819	158.402	1.469	50.584	48.039
5.984	6.199	6.528	6.704	6.808	208.846	293.701	1.406	84.855	102.554
6.056	6.37	6.596	6.551	6.739	128.562	168.882	1.314	40.32	66.407
6.173	6.569	6.941	7.243	7.486	105.201	156.686	1.489	51.485	46.187
5.973	6.315	6.569	6.804	7.092	80.495	117.481	1.459	36.986	41.01
5.825	6.055	6.196	6.197	6.245	121.484	160.39	1.32	38.906	57.762
5.896	6.295	6.641	6.951	7.199	93.241	141.802	1.521	48.561	43.271
5.932	6.299	6.669	7.028	6.888	79.865	120.79	1.512	40.925	43.202
6.015	6.354	6.619	6.881	6.821	86.484	111.746	1.292	25.262	46.71
6.033	6.43	6.682	6.882	7.151	83.001	114.042	1.374	31.041	48.771
5.782	6.085	6.424	6.091	6.125	78.862	107.717	1.366	28.854	45.863
6.024	6.348	6.658	6.799	6.999	98.742	125.005	1.266	26.264	43.887
5.486	5.848	6.163	6.308	6.461	88.476	110.331	1.247	21.855	53.125
5.71	6.084	6.452	6.785	7.041	93.241	136	1.459	42.759	43.271
4.816	4.958	5.033	4.746	4.386	53.841	71.076	1.32	17.235	32.087
5.277	5.312	5.172	5.09	5.044	85.433	119.194	1.395	33.761	47.79
5.632	5.702	5.935	6.146	6.306	146.649	186.199	1.27	39.55	92.777
6.044	6.387	6.668	6.915	7.119	85.531	126.279	1.476	40.748	42.867
5.112	5.283	5.434	5.583	5.537	110.76	129.875	1.173	19.115	59.28
6.153	6.601	6.975	7.323	7.458	94.989	134.495	1.416	39.506	44.183
2.773	2.565	2.303	0	0	35.555	37.717	1.061	2.162	28.085
5.609	5.849	6.116	6.384	6.515	118.34	134.748	1.139	16.408	54.802
5.117	4.96	4.575	4.62	4.513	61.578	79.432	1.29	17.854	38.933
4.586	4.621	4.725	4.665	4.298	60.408	75.445	1.249	15.037	37.257
4.425	4.007	3.944	3.841	3.446	38.898	51.397	1.321	12.499	25.242
5.879	6.284	6.673	7.014	7.307	100.115	141.337	1.412	41.222	42.229
6.25	6.631	7.031	7.325	7.52	135.583	161.944	1.194	26.361	52.828
5.984	6.323	6.582	6.755	6.902	98.442	135.559	1.377	37.118	59.272
6.129	6.506	6.77	6.98	7.241	83.994	122.081	1.453	38.087	43.048
5.898	6.246	6.509	6.724	7.004	78.247	115.544	1.477	37.297	39.182
6.104	6.546	6.979	7.346	7.556	102.2	146.043	1.429	43.844	45.962
5.916	6.276	6.591	6.849	7.167	80.679	117.476	1.456	36.797	39.064

4.586	4.651	4.73	4.807	4.531	62.548	85.477	1.367	22.929	37.262
5.036	5.288	5.394	5.299	5.359	79.57	99.76	1.254	20.189	51.844
6.252	6.629	6.993	7.267	7.43	118.9	142.877	1.202	23.977	48.51
5.936	6.132	6.432	6.643	6.747	221.387	310.758	1.404	89.371	106.555
6.271	6.556	6.809	6.754	6.899	153.86	212.116	1.379	58.256	64.388
4.674	4.857	4.94	4.582	4.541	59.104	74.522	1.261	15.417	37.087
5.112	5.283	5.434	5.583	5.537	110.76	129.875	1.173	19.115	59.28
5.537	5.781	6.045	6.312	6.441	116.038	132.534	1.142	16.496	52.972
5.602	5.855	6.107	6.37	6.485	116.038	133.671	1.152	17.632	52.972
5.791	6.203	6.603	6.916	6.978	87.586	128.279	1.465	40.693	41.248
5.833	6.236	6.632	6.955	6.997	85.015	122.738	1.444	37.723	41.069
4.414	4.243	4.407	3.726	0	37.434	48.502	1.296	11.068	25.221
6.119	6.561	6.99	7.37	7.688	131.372	193.534	1.473	62.162	56.234
5.475	5.717	5.93	5.773	5.802	81.487	102.864	1.262	21.376	39.072
5.321	5.613	5.882	6.115	6.272	80.003	109.114	1.364	29.111	47.254
6.622	7.09	7.541	7.906	8.141	121.792	192.123	1.577	70.331	53.742
5.732	6.122	6.44	5.853	5.481	51.015	71.245	1.397	20.231	29.929
4.854	5.03	5.101	4.66	4.336	53.489	67.766	1.267	14.277	34.906
5.169	5.359	5.594	5.38	5.196	67.291	85.59	1.272	18.299	38.186
4.836	4.794	4.954	5.082	5.008	73.027	93.899	1.286	20.872	40.003
5.13	5.318	5.472	5.631	5.591	113.43	132.355	1.167	18.925	61.045
5.793	6.146	6.488	6.767	6.863	135.864	187.027	1.377	51.163	56.838
5.547	5.654	5.323	5.188	5.276	79.952	103.06	1.289	23.108	45.559
4.872	5.084	5.279	5.239	5.363	94.5	114.964	1.217	20.464	51.731
4.025	3.135	3.045	1.946	1.609	44.329	47.863	1.08	3.534	30.847
5.49	5.767	5.956	6.055	6.168	84.972	110.304	1.298	25.332	50.6
5.429	5.711	6.037	6.238	6.347	70.264	93.159	1.326	22.895	47.678
4.787	5.03	5.165	4.997	4.898	82.483	85.112	1.032	2.629	44.06
5.749	6.121	6.488	6.829	7.065	95.695	138.18	1.444	42.485	45.092
5.87	6.169	6.483	6.256	6.524	94.635	127.488	1.347	32.852	43.792
5.695	6.021	6.241	6.314	6.513	115.512	137.867	1.194	22.355	60.321
6.194	6.625	7.015	7.333	7.264	77.279	108.028	1.398	30.749	34.287
5.938	6.267	6.62	6.904	6.937	86.645	127.615	1.473	40.969	46.816
5.355	5.525	5.521	5.639	5.667	122.852	147.324	1.199	24.472	68.162
6.491	6.977	7.423	7.666	8.031	92.132	149.079	1.618	56.947	46.832
6.267	6.573	6.857	6.66	6.841	139.75	201.593	1.443	61.842	58.632
5.933	6.336	6.709	6.649	6.846	83.571	114.066	1.365	30.495	42.873
5.687	6.054	6.276	5.878	5.812	48.853	71.321	1.46	22.468	28.08
6.752	7.182	7.592	7.839	8.135	225.749	290.481	1.287	64.732	88.932
6.482	6.979	7.412	7.674	7.97	115.824	156.914	1.355	41.09	53.578
6.188	6.583	6.966	7.256	7.471	110.687	137.714	1.244	27.027	44.729
6.211	6.592	6.991	7.275	7.482	143.436	169.558	1.182	26.122	55.125
5.569	5.728	5.902	5.918	6.173	112.992	155.058	1.372	42.066	50
6.126	6.578	6.957	7.338	7.651	93.241	149.631	1.605	56.39	43.271
6.774	7.237	7.65	8.091	8.415	176.8	238.182	1.347	61.382	79.358
5.244	5.55	5.312	5.24	5.128	62.757	77.66	1.237	14.903	43.064
6.237	6.652	7.065	7.404	7.684	125.775	183.398	1.458	57.622	55.908
4.785	5.015	4.707	4.467	3.446	46.092	58.109	1.261	12.017	30.851
4.379	4.408	4.172	4.261	4.563	66.959	86.225	1.288	19.266	41.013
6.244	6.518	6.794	6.725	6.872	150.82	209.639	1.39	58.819	62.54

5.657	5.856	6.165	6.499	6.738	70.058	98.371	1.404	28.313	41.921
5.32	5.532	5.666	6.002	6.171	69.379	91.55	1.32	22.171	43.946
5.896	6.292	6.708	7.036	7.123	90.485	130.977	1.447	40.492	43.098
5.794	5.961	5.839	5.411	5.234	109.747	144.296	1.315	34.548	65.364
5.475	5.596	5.902	6.041	5.977	163.263	198.19	1.214	34.927	89.768
4.776	5.08	5.273	5.183	5.03	47.307	63.983	1.352	16.676	28.09
6.382	6.764	7.185	7.375	7.699	168.945	261.073	1.545	92.127	70.71
4.674	4.857	4.94	4.582	4.541	59.104	74.522	1.261	15.417	37.087
5.13	5.152	5.104	4.875	3.596	46.557	58.329	1.253	11.773	27.8
5.494	5.859	6.172	6.315	6.473	91.46	113.887	1.245	22.427	54.958
5.896	6.181	6.524	6.77	6.355	82.084	118.86	1.448	36.776	44.068
6.033	6.43	6.682	6.882	7.151	83.001	114.042	1.374	31.041	48.771
5.209	5.342	5.472	5.602	5.697	185.48	186.805	1.007	1.325	101.971
6.768	7.228	7.639	8.079	8.396	173.068	231.292	1.336	58.225	77.359
5.704	6.07	6.433	6.766	7.02	89.684	133.245	1.486	43.561	41.437
5.673	5.911	6.153	6.4	6.551	120.968	137.275	1.135	16.307	56.562
5.107	5.472	5.74	5.864	5.939	58.573	79.714	1.361	21.141	38.3
6.684	7.197	7.62	7.981	8.15	130.845	178.183	1.362	47.338	73.777
5.911	6.166	6.37	6.131	6.234	151.397	204.505	1.351	53.109	62.514
2.197	1.099	0	0	0	26.304	28.695	1.091	2.392	19.108
6.209	6.583	6.905	7.232	7.421	90.094	126.75	1.407	36.656	44.698
6.198	6.576	6.922	7.191	7.364	115.861	139.844	1.207	23.983	46.765
6.58	7.016	7.379	7.531	7.808	93.383	140.553	1.505	47.17	50.513
6.426	6.739	7.01	7.267	7.553	230.904	314.082	1.36	83.179	101.456
5.986	6.222	6.458	6.716	6.926	144.146	184.735	1.282	40.588	74.096
5.627	5.866	6.173	6.285	6.423	55.463	84.153	1.517	28.69	32.006
6.364	6.696	6.971	7.398	7.44	129.747	193.835	1.494	64.088	66.177
4.641	4.862	4.969	4.514	4.176	54.161	67.404	1.245	13.243	34.281
6.447	6.876	7.219	7.599	7.861	131.562	191.281	1.454	59.719	64.669
6.239	6.618	7.013	7.297	7.474	124.6	152.684	1.225	28.084	50.527
6.076	6.392	6.629	6.788	6.928	133.322	195.506	1.466	62.183	70.136
5.975	6.232	6.301	6.536	6.654	83.775	118.873	1.419	35.098	49.437
5.938	6.277	6.512	6.676	6.781	85.353	118.31	1.386	32.956	51.436
5.885	6.273	6.609	6.919	7.163	89.684	138.926	1.549	49.242	41.437
6.746	7.133	7.448	7.642	7.955	220.489	303.018	1.374	82.529	90.871
6.309	6.757	7.1	7.35	7.572	106.996	157.025	1.468	50.029	64.872
4.997	5.191	5.27	5.124	5.331	91.021	106.304	1.168	15.282	45.17
4.004	4.15	4.275	4.123	3.841	41.681	56.781	1.362	15.1	27.352
5.721	6.031	6.345	6.637	6.821	78.609	108.157	1.376	29.548	41.039
6.123	6.466	6.714	7.127	7.495	108.814	171.443	1.576	62.63	56.508
6.056	6.403	6.723	7.009	6.654	64.795	94.484	1.458	29.69	31.342
5.124	5.342	5.557	5.753	5.756	97.852	105.538	1.079	7.686	43.515
5.437	5.619	5.755	5.68	5.748	118.698	157.873	1.33	39.176	53.87
4.99	5.191	5.251	5.004	4.523	61.495	73.602	1.197	12.107	39.924
7.297	7.801	8.273	8.654	9.079	329.92	446.45	1.353	116.53	124.4
7.23	7.721	8.176	8.555	8.96	329.917	462.28	1.401	132.363	118.688
4.111	4.007	3.892	0	0	39.841	39.841	1	0	23.199
6.008	6.414	6.821	7.156	7.494	78.114	120.048	1.537	41.935	37.243
6.402	6.776	7.092	7.415	7.713	112.821	155.622	1.379	42.801	58.629
5.17	5.303	5.425	5.565	5.652	183.661	185.015	1.007	1.354	99.957

6.608	7.042	7.456	7.809	8.124	204.645	260.172	1.271	55.527	87.623
5.454	5.391	5.215	5.4	5.58	101.02	132.169	1.308	31.149	52.658
7.057	7.605	8.171	8.611	9.116	174.576	275.863	1.58	101.287	71.496
5.8	6.048	6.304	6.387	6.532	169.153	215.767	1.276	46.614	91.72
1.609	0.693	0	0	0	27.091	27.091	1	0	22.132
6.25	6.631	7.031	7.325	7.52	135.583	161.944	1.194	26.361	52.828
5.538	5.695	5.752	5.939	6.128	150.467	181.028	1.203	30.562	80.849
6.5	6.787	7	7.321	7.573	262.858	327.773	1.247	64.914	125.64
5.959	6.414	6.779	6.603	6.731	70.04	97.274	1.389	27.234	39.803
5.905	6.21	6.229	6.353	6.483	127.462	160.851	1.262	33.388	71.166
6.504	6.972	7.425	7.685	7.92	90.969	144.792	1.592	53.823	46.666
5.54	5.605	5.6	5.774	5.851	106.823	132.734	1.243	25.912	69.973
5.017	5.107	5.128	5.17	5.23	118.037	137.469	1.165	19.431	57.696
5.277	5.568	5.839	6.002	6.081	58.827	80.7	1.372	21.873	38.155
3.87	3.891	4.042	4.272	4.557	53.377	73.747	1.382	20.37	33.314
5.844	6.075	6.29	6.492	6.662	301.607	311.75	1.034	10.143	113.239
5.883	6.215	6.547	6.86	7.086	109.454	148.907	1.36	39.453	58.629
6.174	6.577	6.908	6.999	7.272	119.435	177.166	1.483	57.731	55.497
4.58	4.494	4.609	4.559	4.202	51.428	66.79	1.299	15.362	33.065
5.965	6.238	6.419	6.503	6.611	114.727	146.552	1.277	31.825	69.19
4.776	5.08	5.273	5.183	5.03	47.307	63.983	1.352	16.676	28.09
6.44	6.792	7.146	7.512	7.545	115.157	161.691	1.404	46.534	57.526
5.695	6.033	6.33	6.632	6.042	71.698	106.666	1.488	34.968	38.218
5.663	5.803	6.041	6.116	6.31	158.601	200.552	1.265	41.951	100.364
6.284	6.606	6.892	7.205	7.03	196.215	262.557	1.338	66.342	99.502
7.263	7.768	8.231	8.612	9.039	327.723	443.543	1.353	115.819	122.354
5.602	5.983	6.221	6.222	6.154	61.595	83.023	1.348	21.428	38.935
6.159	6.524	6.847	7.199	7.167	109.255	152.886	1.399	43.63	49.818
6.321	6.727	7.11	7.496	7.561	108.799	158.008	1.452	49.21	49.889
5.791	6.203	6.603	6.916	6.978	87.586	128.279	1.465	40.693	41.248
6.143	6.425	6.817	6.859	7.086	100.05	151.214	1.511	51.165	50.526
5.494	5.764	6.062	6.354	6.443	94.79	115.01	1.213	20.221	41.767
5.71	6.084	6.452	6.785	7.041	93.241	136	1.459	42.759	43.271
5.371	5.628	5.864	6.087	6.165	116.038	125.655	1.083	9.617	52.972
6.054	6.37	6.601	6.779	6.911	131.535	194.02	1.475	62.485	68.317
5.969	6.323	6.489	6.828	6.935	91.294	135.981	1.489	44.687	46.522
6.294	6.596	6.972	7.014	7.248	92.932	137.111	1.475	44.178	48.626
5.965	6.238	6.419	6.503	6.611	114.727	146.552	1.277	31.825	69.19
6.134	6.476	6.728	7.007	6.981	92.226	117.402	1.273	25.176	50.396
5.226	5.464	5.707	5.919	5.969	106.493	116.462	1.094	9.969	47.379
6.255	6.744	7.118	7.277	7.61	86.503	132.218	1.528	45.715	44.905
6.177	6.654	7.048	7.348	7.534	91.465	129.053	1.411	37.587	56.941
5.794	5.961	5.839	5.411	5.234	109.747	144.296	1.315	34.548	65.364
5.896	6.292	6.708	7.036	7.123	90.485	130.977	1.447	40.492	43.098
6.173	6.61	7.053	7.446	7.762	107.819	158.402	1.469	50.584	48.039
4.976	5.05	5.245	5.247	5.094	48.835	68.605	1.405	19.771	28.18
6.382	6.764	7.185	7.375	7.699	168.945	261.073	1.545	92.127	70.71
5.896	6.181	6.524	6.77	6.355	82.084	118.86	1.448	36.776	44.068
5.124	5.342	5.557	5.753	5.756	97.852	105.538	1.079	7.686	43.515
5.883	6.215	6.547	6.86	7.086	109.454	148.907	1.36	39.453	58.629

5.704	6.07	6.433	6.766	7.02	89.684	133.245	1.486	43.561	41.437
5.328	5.572	5.802	6.028	6.068	113.671	123.466	1.086	9.795	51.212
7.263	7.768	8.231	8.612	9.039	327.723	443.543	1.353	115.819	122.354
5.902	6.15	6.418	6.511	6.681	85.778	124.298	1.449	38.521	44.427
5.905	6.21	6.229	6.353	6.483	127.462	160.851	1.262	33.388	71.166
4.379	4.408	4.172	4.261	4.563	66.959	86.225	1.288	19.266	41.013
5.537	5.781	6.045	6.312	6.441	116.038	132.534	1.142	16.496	52.972
6.774	7.237	7.65	8.091	8.415	176.8	238.182	1.347	61.382	79.358
6.015	6.354	6.619	6.881	6.821	86.484	111.746	1.292	25.262	46.71
5.17	5.303	5.425	5.565	5.652	183.661	185.015	1.007	1.354	99.957
5.844	6.075	6.29	6.492	6.662	301.607	311.75	1.034	10.143	113.239
4.674	4.857	4.94	4.582	4.541	59.104	74.522	1.261	15.417	37.087
3.805	3.783	3.849	4.024	4.283	53.377	72.476	1.358	19.099	33.314
5.529	5.617	5.733	5.591	5.631	279.17	291.606	1.045	12.436	163.825
6.631	7.035	7.438	7.807	8.105	206.538	266.854	1.292	60.316	87.626
6.015	6.354	6.619	6.881	6.821	86.484	111.746	1.292	25.262	46.71
6.31	6.722	7.033	7.356	7.422	112.723	144.751	1.284	32.028	53.425
6.5	6.787	7	7.321	7.573	262.858	327.773	1.247	64.914	125.64
6.384	6.668	7.004	7.376	7.452	129.845	193.944	1.494	64.098	66.177
5.956	6.326	6.456	6.827	6.915	89.058	127.597	1.433	38.539	46.291
5.986	6.222	6.458	6.716	6.926	144.146	184.735	1.282	40.588	74.096
6.32	6.721	7.023	7.349	7.448	112.962	144.871	1.282	31.909	53.424

BID	X0	X1	X2	X3	X4	X5	X0A	X1A	X2A
25.244	18.397	11.935	10.52	8.295	6.598	4.751	0.736	0.459	0.301
24.204	18.113	11.329	10.13	6.797	5.189	4.029	0.755	0.472	0.327
22.325	15.104	10.737	9.777	8.582	7.622	6.435	0.687	0.429	0.272
18.251	13.38	8.63	7.247	4.993	3.676	3.026	0.743	0.479	0.329
25.232	18.613	11.834	10.643	8.997	6.775	4.67	0.745	0.455	0.288
21.302	14.656	10.254	8.983	7.263	6.252	5.295	0.698	0.446	0.29
20.371	13.853	9.665	9.138	8.48	7.368	6.738	0.693	0.42	0.261
37.187	26.957	17.308	17.874	12.955	10.282	8.804	0.729	0.433	0.298
19.287	13.502	9.309	7.558	6.14	4.75	3.875	0.711	0.465	0.302
23.285	15.7	11.255	10.165	8.939	7.498	5.838	0.683	0.433	0.275
19.341	13.242	9.237	8.322	6.813	5.778	5.077	0.697	0.44	0.287
33.212	23.535	15.939	14.227	11.937	10.538	8.609	0.713	0.443	0.279
24.289	16.845	11.559	10.842	8.965	7.687	6.438	0.702	0.428	0.271
24.249	16.993	11.593	10.358	8.816	6.819	4.915	0.708	0.446	0.288
22.293	15.527	10.648	9.617	7.605	6.464	5.623	0.706	0.444	0.291
22.303	15.69	10.559	9.749	8.007	6.563	5.602	0.713	0.44	0.287
14.386	9.966	6.771	5.936	4.861	3.846	2.439	0.712	0.451	0.297
23.301	15.811	11.204	10.302	8.766	7.422	6.705	0.687	0.431	0.278
51.143	36.915	24.371	22.246	17.007	13.058	11.057	0.724	0.451	0.305
32.208	21.968	15.675	13.908	12.254	10.944	8.352	0.687	0.435	0.273
22.327	14.941	10.827	9.603	8.362	7.426	6.615	0.679	0.433	0.274
20.334	14.113	9.665	8.722	7.551	6.095	5.192	0.706	0.439	0.281
28.2	19.51	13.673	11.949	10.52	8.695	7.231	0.697	0.441	0.278
21.302	14.656	10.254	8.983	7.263	6.252	5.295	0.698	0.446	0.29
21.282	14.493	10.381	8.582	7.324	6.194	4.74	0.69	0.451	0.286
23.285	16.56	11.024	10.009	8.636	7.271	6.1	0.72	0.441	0.278
24.27	17.156	11.548	10.469	8.64	7.143	5.808	0.715	0.444	0.283
23.227	16.82	10.952	10.065	7.074	5.445	4.589	0.731	0.456	0.315
21.367	14.613	10.137	9.62	8.638	7.772	7.088	0.696	0.422	0.26
26.219	18.192	12.775	10.626	8.701	7.066	5.985	0.7	0.456	0.295
21.302	14.656	10.254	8.983	7.263	6.252	5.295	0.698	0.446	0.29
16.398	11.596	7.704	6.602	6.019	4.947	3.639	0.725	0.453	0.275
24.2	17.527	11.469	10.199	7.867	5.76	4.499	0.73	0.459	0.309
46.148	33.053	22.117	19.746	15.545	12.918	9.638	0.719	0.451	0.299
21.325	14.983	10.059	9.358	7.878	6.324	5.599	0.713	0.437	0.284
30.198	22.422	14.116	13.144	9.678	7.934	5.713	0.747	0.455	0.306
21.349	14.286	10.366	9.002	8.405	7.798	7.104	0.68	0.432	0.257
15.298	11.897	6.894	6.426	3.504	2.253	1.933	0.793	0.492	0.357
27.29	19.776	12.581	12.865	11.906	10.185	8.181	0.732	0.419	0.257
20.246	15.121	9.528	7.849	6.577	4.545	3.346	0.756	0.476	0.302
19.219	14.088	9.113	7.683	5.237	3.584	3.131	0.741	0.48	0.334
13.376	9.845	6.109	5.521	3.858	2.846	1.883	0.757	0.47	0.325
20.365	13.527	9.827	8.898	7.858	7.046	6.382	0.676	0.427	0.27
25.348	16.974	12.043	12.14	11.262	10.315	9.804	0.679	0.401	0.243
30.228	22.422	14.167	12.933	9.609	8.456	6.316	0.747	0.457	0.301
21.31	14.82	10.148	9.221	7.535	6.198	5.338	0.706	0.441	0.288
19.341	13.242	9.237	8.322	6.813	5.778	5.077	0.697	0.44	0.287
22.313	15.104	10.704	9.96	8.448	7.315	6.335	0.687	0.428	0.277
19.372	13.405	9.182	8.355	7.007	6.367	5.432	0.706	0.437	0.278



19.239	14.088	9.13	7.601	5.262	3.772	3.176	0.741	0.481	0.33
26.21	18.83	12.624	10.257	8.936	6.656	4.803	0.724	0.468	0.293
23.382	15.983	11.026	10.87	10.734	9.916	9.187	0.695	0.408	0.242
53.135	38.329	25.371	22.941	17.566	13.395	11.167	0.723	0.453	0.306
31.188	21.535	15.008	13.913	12.333	10.53	8.546	0.695	0.429	0.273
19.223	14.251	8.969	8.17	5.076	3.705	3.079	0.75	0.472	0.34
30.198	22.422	14.116	13.144	9.678	7.934	5.713	0.747	0.455	0.306
26.294	18.905	12.171	12.32	11.54	9.716	7.819	0.727	0.42	0.257
26.294	18.905	12.171	12.32	11.54	9.716	7.819	0.727	0.42	0.257
20.309	13.949	9.754	8.641	6.96	6.082	5.244	0.697	0.443	0.288
20.327	14.113	9.665	8.773	7.423	5.943	5.355	0.706	0.439	0.283
13.363	9.845	6.092	5.595	3.888	2.572	1.873	0.757	0.469	0.329
27.227	18.476	13.348	11.278	9.728	8.218	7.158	0.684	0.445	0.282
19.3	13.242	9.292	8.051	7.086	5.862	4.374	0.697	0.442	0.278
23.269	15.908	11.381	9.289	7.812	6.59	5.488	0.692	0.455	0.29
26.284	18.259	12.58	11.495	9.945	8.617	7.689	0.702	0.434	0.274
15.363	11.052	6.938	7.541	4.56	4.204	3.071	0.737	0.434	0.314
18.277	13.707	8.452	7.494	5.939	3.729	2.611	0.761	0.47	0.312
19.275	13.665	9.241	7.712	6.08	5.268	3.912	0.719	0.462	0.297
20.28	14.535	9.63	8.259	6.783	5.534	4.163	0.727	0.459	0.295
31.195	23.345	14.44	14.024	10.29	7.944	5.791	0.753	0.451	0.305
27.256	18.217	13.293	11.915	10.621	9.357	8.28	0.675	0.429	0.271
23.241	17.035	10.863	10.122	7.862	5.981	4.219	0.741	0.453	0.298
26.174	18.993	12.315	11.749	7.617	5.757	4.827	0.731	0.456	0.326
16.377	12.345	7.484	6.534	5.598	4.946	2.324	0.772	0.468	0.284
25.228	17.811	12.059	10.776	8.872	7.209	4.991	0.712	0.447	0.291
24.252	17.69	11.397	10.351	7.871	6.356	4.637	0.737	0.456	0.304
22.314	16.389	9.917	12.11	7.501	6.879	6.287	0.745	0.413	0.295
22.297	15.527	10.648	9.628	7.492	6.778	5.44	0.706	0.444	0.292
21.286	14.397	10.22	9.457	8.492	7.335	5.573	0.686	0.426	0.27
29.239	19.899	14.127	12.922	11.978	10.3	8.009	0.686	0.428	0.264
16.427	10.535	7.916	7.29	6.733	6.082	5.372	0.658	0.417	0.26
23.29	16.397	11.075	10.049	8.075	7.242	5.971	0.713	0.443	0.287
34.166	24.501	16.439	14.018	11.865	8.758	6.554	0.721	0.457	0.292
23.27	16.397	11.151	9.671	8.47	7.455	5.394	0.713	0.446	0.276
28.202	19.087	13.67	12.613	10.993	9.505	7.677	0.682	0.427	0.274
21.264	14.82	10.114	9.432	7.255	6.067	4.633	0.706	0.44	0.295
14.404	10.182	6.561	6.811	4.356	3.898	2.958	0.727	0.437	0.31
43.189	30.585	20.369	20.501	18.221	16.718	14.592	0.711	0.416	0.26
26.261	18.422	12.528	11.477	10.333	8.966	7.696	0.709	0.432	0.267
21.408	14.353	10.126	10.036	9.695	8.996	8.573	0.683	0.405	0.245
26.328	17.681	12.543	12.494	12.078	10.604	9.97	0.68	0.405	0.245
24.239	16.355	11.793	10.436	8.978	7.441	6.026	0.681	0.437	0.282
21.302	14.656	10.254	8.983	7.263	6.252	5.295	0.698	0.446	0.29
39.209	28.386	18.428	17.691	16.226	13.795	11.447	0.728	0.429	0.264
22.222	16.424	10.486	9.083	6.27	4.562	3.287	0.747	0.477	0.324
27.251	18.803	13.169	11.646	10.078	8.697	7.4	0.696	0.439	0.277
16.315	12.345	7.304	7.553	4.851	3.09	2.513	0.772	0.456	0.328
21.194	15.665	10.007	8.716	5.561	4.52	2.893	0.746	0.477	0.335
30.193	20.665	14.597	13.386	11.853	10.213	8.199	0.689	0.429	0.273

21.269	15.405	10.083	8.637	7.249	5.991	4.639	0.734	0.458	0.288
22.241	16.002	10.503	9.62	6.953	5.31	4.207	0.727	0.457	0.31
21.299	14.82	10.148	9.275	7.302	6.294	5.578	0.706	0.441	0.29
33.163	24.433	15.842	13.179	11.514	8.892	6.245	0.74	0.466	0.286
45.15	32.932	21.405	19.559	14.592	10.938	9.053	0.732	0.455	0.31
14.418	10.129	6.698	6.025	5.099	4.269	2.951	0.724	0.447	0.287
34.17	23.33	16.674	14.724	12.599	10.178	8.825	0.686	0.439	0.283
19.223	14.251	8.969	8.17	5.076	3.705	3.079	0.75	0.472	0.34
14.468	10.456	6.537	6.232	5.877	4.482	3.124	0.747	0.436	0.271
27.208	19.062	13.131	11.455	8.879	7.192	6.079	0.706	0.453	0.301
22.227	15.949	10.635	8.987	7.228	5.71	4.28	0.725	0.462	0.3
24.27	17.156	11.548	10.469	8.64	7.143	5.808	0.715	0.444	0.283
52.165	39.67	23.986	23.478	20.302	14.674	10.763	0.763	0.444	0.283
38.213	27.679	17.89	17.537	15.818	13.371	11.364	0.728	0.426	0.266
20.321	13.786	9.898	8.154	7.085	6.121	5.234	0.689	0.45	0.281
28.29	20.698	12.963	13.318	13.127	10.56	8.529	0.739	0.418	0.251
19.285	13.502	9.271	7.785	5.83	4.743	3.746	0.711	0.464	0.311
36.212	25.33	17.694	14.589	12.431	10.968	9.549	0.704	0.454	0.281
30.189	20.665	14.597	13.429	11.638	10.34	8.367	0.689	0.429	0.274
10.57	7.776	4.582	4.454	3.568	2.461	1.267	0.778	0.458	0.297
22.308	15.853	10.524	9.653	8.392	7.038	5.703	0.721	0.439	0.276
22.386	15.06	10.664	10.227	10.01	9.353	8.73	0.685	0.41	0.243
25.264	18.137	11.918	11.024	9.123	7.654	6.52	0.725	0.441	0.283
49.118	33.959	23.814	21.685	19.139	16.106	12.037	0.693	0.433	0.274
36.164	25.123	17.415	16.105	13.434	11.258	8.395	0.698	0.435	0.283
16.364	11.707	7.592	6.991	5.818	4.552	3.413	0.732	0.447	0.291
33.162	24.121	15.634	14.733	11.23	8.927	7.114	0.731	0.447	0.301
17.342	12.088	8.326	6.759	5.689	4.624	3.689	0.711	0.463	0.294
32.205	23.087	15.506	13.063	11.063	9.615	8.119	0.721	0.456	0.284
24.359	16.69	11.526	11.25	10.877	10.085	9.507	0.695	0.412	0.245
35.182	25.535	16.722	14.992	11.964	10.009	7.817	0.73	0.452	0.294
25.286	18.723	11.828	10.55	8.774	7.405	5.861	0.749	0.455	0.285
26.265	19.43	12.311	11.005	8.891	7.567	5.851	0.747	0.456	0.29
20.321	13.786	9.898	8.154	7.085	6.121	5.234	0.689	0.45	0.281
44.169	31.12	21.345	18.855	17.577	15.332	13.34	0.707	0.436	0.262
33.193	24.922	15.29	15.295	10.516	8.211	6.198	0.755	0.45	0.312
22.273	15.267	10.686	9.771	8.48	7.461	5.73	0.694	0.427	0.264
14.324	10.389	6.736	5.483	4.145	2.921	2.036	0.742	0.481	0.323
20.315	14.113	9.703	8.549	7.67	6.21	5.273	0.706	0.441	0.276
28.185	20.148	13.348	12.556	9.698	7.645	5.905	0.72	0.445	0.299
15.43	10.251	7.36	6.512	5.892	5.149	4.302	0.683	0.433	0.271
21.347	14.828	9.949	10.059	9.402	7.735	6.534	0.706	0.415	0.258
26.199	17.933	12.704	11.307	9.715	8.081	6.437	0.69	0.438	0.283
20.296	14.588	9.549	8.64	6.654	5.283	4.44	0.729	0.455	0.298
60.182	42.57	28.759	27.249	25.537	23.543	21.507	0.709	0.423	0.25
57.184	40.181	27.424	25.791	24.251	22.524	20.785	0.705	0.422	0.25
11.644	7.475	5.235	5.728	4.344	4.544	3.438	0.68	0.403	0.273
18.381	12.535	8.771	7.816	6.603	5.937	5.114	0.696	0.439	0.279
29.257	21.129	13.943	12.139	10.443	9.232	7.66	0.729	0.45	0.276
51.165	38.963	23.426	23.459	19.663	14.473	10.401	0.764	0.442	0.286

42.2	29.283	20.282	19.006	17.692	15.348	13.195	0.697	0.423	0.26
26.191	18.571	12.46	11.482	9.386	6.81	5.595	0.714	0.445	0.294
34.177	23.07	16.657	15.239	13.432	11.412	9.641	0.679	0.427	0.272
45.151	31.976	21.553	20.459	15.356	13.312	10.733	0.711	0.44	0.297
12.38	9.724	5.54	4.489	3.912	1.78	0.753	0.81	0.504	0.321
25.348	16.974	12.043	12.14	11.262	10.315	9.804	0.679	0.401	0.243
40.171	28.863	19.014	18.141	13.843	11.405	8.854	0.722	0.442	0.297
62.155	44.94	29.272	28.58	24.581	20.408	17.776	0.725	0.43	0.272
20.273	14.751	9.41	9.134	6.584	4.954	3.957	0.738	0.448	0.304
35.16	24.891	16.781	15.639	12.769	10.041	7.804	0.711	0.442	0.29
23.281	16.56	10.952	10.383	8.433	6.454	5.808	0.72	0.438	0.288
35.183	25.424	16.646	15.545	11.614	9.091	6.996	0.726	0.45	0.305
28.182	19.399	13.651	12.197	10.244	8.782	6.425	0.693	0.44	0.284
19.293	13.665	9.165	8.053	5.999	4.658	3.928	0.719	0.458	0.31
17.235	12.51	8.274	6.369	5.001	3.628	2.08	0.736	0.487	0.318
55.121	39.189	26.011	26.064	23.357	19.827	15.709	0.713	0.42	0.266
29.24	20.966	13.901	12.585	9.889	8.218	7.166	0.723	0.448	0.293
27.215	18.855	13.027	12.207	10.222	8.117	6.235	0.698	0.434	0.284
17.289	12.837	8.079	6.808	5.346	3.967	2.749	0.755	0.475	0.309
34.196	24.184	16.349	14.908	12.813	10.059	8.448	0.711	0.442	0.281
14.418	10.129	6.698	6.025	5.099	4.269	2.951	0.724	0.447	0.287
28.214	19.673	13.601	12.019	10.882	8.991	6.943	0.703	0.439	0.273
19.262	13.665	9.165	8.053	5.99	4.691	4.018	0.719	0.458	0.31
50.131	36.045	23.977	21.617	16.647	12.982	9.473	0.721	0.452	0.304
49.145	35.131	23.357	22.348	16.671	14.111	11.667	0.717	0.441	0.298
59.183	41.863	28.221	27.036	25.289	23.309	21.073	0.71	0.421	0.25
19.362	13.295	9.232	8.228	7.106	6.463	5.091	0.7	0.44	0.274
24.275	16.681	11.707	10.366	9.632	8.161	7.117	0.695	0.434	0.266
24.281	16.681	11.745	10.226	9.611	8.316	7.35	0.695	0.435	0.262
20.309	13.949	9.754	8.641	6.96	6.082	5.244	0.697	0.443	0.288
25.224	18.027	11.832	11.659	8.659	6.825	5.589	0.721	0.438	0.299
20.349	13.905	9.593	9.377	8.691	7.351	6.134	0.695	0.417	0.26
21.302	14.656	10.254	8.983	7.263	6.252	5.295	0.698	0.446	0.29
26.294	18.905	12.171	12.32	11.54	9.716	7.819	0.727	0.42	0.257
34.184	24.665	16.329	14.358	11.644	9.663	7.655	0.725	0.454	0.293
23.283	16.613	10.926	10.318	8.895	7.404	5.815	0.722	0.437	0.279
24.239	17.267	11.528	10.298	9.13	7.331	5.543	0.719	0.443	0.278
34.196	24.184	16.349	14.908	12.813	10.059	8.448	0.711	0.442	0.281
25.275	18.301	11.845	11.094	9.382	8.334	6.625	0.732	0.439	0.277
23.315	16.405	10.86	11.009	9.806	8.608	6.942	0.713	0.418	0.262
22.254	15.527	10.669	9.437	8.022	6.365	5.017	0.706	0.445	0.286
28.216	19.769	13.686	11.551	9.245	7.762	6.393	0.706	0.456	0.296
33.163	24.433	15.842	13.179	11.514	8.892	6.245	0.74	0.466	0.286
21.299	14.82	10.148	9.275	7.302	6.294	5.578	0.706	0.441	0.29
23.301	15.811	11.204	10.302	8.766	7.422	6.705	0.687	0.431	0.278
14.386	9.966	6.771	5.936	4.861	3.846	2.439	0.712	0.451	0.297
34.17	23.33	16.674	14.724	12.599	10.178	8.825	0.686	0.439	0.283
22.227	15.949	10.635	8.987	7.228	5.71	4.28	0.725	0.462	0.3
21.347	14.828	9.949	10.059	9.402	7.735	6.534	0.706	0.415	0.258
29.24	20.966	13.901	12.585	9.889	8.218	7.166	0.723	0.448	0.293

20.321	13.786	9.898	8.154	7.085	6.121	5.234	0.689	0.45	0.281
25.298	17.983	11.809	11.712	10.572	9.446	7.615	0.719	0.422	0.26
59.183	41.863	28.221	27.036	25.289	23.309	21.073	0.71	0.421	0.25
22.293	15.905	10.426	9.965	8.645	7.233	5.287	0.723	0.434	0.277
35.16	24.891	16.781	15.639	12.769	10.041	7.804	0.711	0.442	0.29
21.194	15.665	10.007	8.716	5.561	4.52	2.893	0.746	0.477	0.335
26.294	18.905	12.171	12.32	11.54	9.716	7.819	0.727	0.42	0.257
39.209	28.386	18.428	17.691	16.226	13.795	11.447	0.728	0.429	0.264
23.285	16.56	11.024	10.009	8.636	7.271	6.1	0.72	0.441	0.278
51.165	38.963	23.426	23.459	19.663	14.473	10.401	0.764	0.442	0.286
55.121	39.189	26.011	26.064	23.357	19.827	15.709	0.713	0.42	0.266
19.223	14.251	8.969	8.17	5.076	3.705	3.079	0.75	0.472	0.34
17.235	12.51	8.274	6.369	5.001	3.628	2.08	0.736	0.487	0.318
85.101	65.977	39.209	36.933	28.414	21.225	15.619	0.776	0.461	0.305
42.203	29.283	20.282	19.038	17.535	15.467	13.281	0.697	0.423	0.261
23.285	16.56	11.024	10.009	8.636	7.271	6.1	0.72	0.441	0.278
26.281	18.585	12.363	12.055	10.095	9.052	7.908	0.715	0.426	0.274
62.155	44.94	29.272	28.58	24.581	20.408	17.776	0.725	0.43	0.272
33.162	24.121	15.634	14.733	11.223	8.983	6.96	0.731	0.447	0.301
23.284	16.776	10.819	10.599	8.974	7.52	5.551	0.729	0.433	0.279
36.164	25.123	17.415	16.105	13.434	11.258	8.395	0.698	0.435	0.283
26.281	18.585	12.38	11.937	10.321	8.974	7.953	0.715	0.427	0.271

X3A	X4A	X5A	X0v	X1v	X2v	X3v	X4v	X5v	X0Av
0.189	0.124	0.077	15.814	9.17	7.229	4.854	3.559	2.038	0.633
0.2	0.13	0.086	14.887	8.321	6.093	3.313	2.076	1.353	0.62
0.168	0.106	0.068	12.749	7.427	5.628	4.007	2.965	2.093	0.579
0.208	0.136	0.098	11.225	6.362	4.628	2.53	1.585	1.077	0.624
0.187	0.119	0.075	15.857	10.213	8.375	6.479	4.222	2.504	0.634
0.177	0.114	0.074	12.972	7.769	6.024	4.204	3.104	2.265	0.618
0.163	0.098	0.062	11.427	7.028	5.796	4.721	3.674	2.959	0.571
0.177	0.109	0.071	19.16	11.006	8.448	5.844	4.073	2.927	0.518
0.198	0.128	0.086	11.596	6.728	4.675	3.191	2.079	1.411	0.61
0.175	0.11	0.071	14.032	9.442	7.829	6.424	5.112	3.628	0.61
0.179	0.113	0.075	11.515	6.588	5.034	3.292	2.33	1.748	0.606
0.168	0.105	0.064	20.141	12.119	9.619	7.114	5.676	4.324	0.61
0.166	0.104	0.064	13.088	8.134	6.373	4.44	3.239	2.331	0.545
0.188	0.122	0.079	15.298	9.13	7.256	5.485	3.727	2.229	0.637
0.177	0.111	0.072	14.105	8.314	6.647	4.506	3.337	2.513	0.641
0.178	0.111	0.071	12.002	6.819	5.087	3.583	2.485	1.76	0.546
0.194	0.128	0.081	8.861	5.021	3.693	2.51	1.709	0.839	0.633
0.175	0.109	0.071	13.845	8.265	6.494	4.661	3.235	2.486	0.602
0.195	0.124	0.084	28.68	16.665	12.673	7.971	5.315	3.551	0.562
0.168	0.109	0.071	18.374	11.556	8.981	7.202	5.598	3.739	0.574
0.171	0.108	0.07	13.288	8.363	6.478	4.924	3.807	2.953	0.604
0.18	0.111	0.071	11.762	6.708	5.082	3.604	2.478	1.759	0.588
0.181	0.114	0.075	16.818	10.23	8.07	6.286	4.712	3.566	0.601
0.177	0.114	0.074	12.673	7.409	5.652	3.793	2.712	1.913	0.603
0.183	0.119	0.078	12.898	8.086	5.971	4.5	3.25	1.985	0.614
0.173	0.109	0.068	12.674	7.452	5.365	3.971	2.768	1.952	0.551
0.173	0.107	0.068	14.051	8.133	6.513	4.588	3.409	2.348	0.585
0.191	0.118	0.082	13.06	7.155	5.135	3.2	2.039	1.432	0.568
0.157	0.095	0.06	12.503	7.568	6.428	5.147	4.077	3.303	0.595
0.189	0.12	0.079	15.814	9.609	7.015	5.113	3.626	2.71	0.608
0.177	0.114	0.074	13.049	7.836	6.066	4.216	3.156	2.273	0.621
0.177	0.118	0.079	10.18	6.056	4.673	3.772	2.817	1.941	0.636
0.202	0.131	0.087	13.775	8.052	5.99	4.039	2.519	1.738	0.574
0.19	0.127	0.082	27.369	16.211	12.539	8.412	6.116	3.934	0.595
0.179	0.109	0.071	12.189	6.932	5.354	3.674	2.534	1.848	0.58
0.186	0.118	0.07	18.66	11.301	9.291	6.665	4.755	3.481	0.622
0.156	0.096	0.06	12.732	8.201	6.555	5.594	4.718	3.855	0.606
0.219	0.141	0.107	9.116	4.739	3.776	1.979	1.28	0.602	0.608
0.157	0.094	0.057	16.312	10.081	9.72	8.574	7.343	5.484	0.604
0.206	0.13	0.084	12.958	7.043	4.764	3.499	2.042	1.141	0.648
0.218	0.138	0.098	12.056	6.736	4.915	2.722	1.595	1.142	0.635
0.203	0.136	0.086	8.502	4.556	3.509	1.899	1.242	0.674	0.654
0.167	0.105	0.068	11.789	7.296	5.833	4.518	3.491	2.75	0.589
0.144	0.085	0.053	14.501	9.705	8.908	7.423	6.274	5.408	0.58
0.175	0.113	0.066	17.683	9.469	7.07	4.478	3.259	2.163	0.589
0.179	0.113	0.072	10.945	6.335	4.566	3.171	2.219	1.578	0.521
0.179	0.113	0.075	10.815	6.313	4.705	3.174	2.262	1.652	0.569
0.172	0.108	0.07	13.782	8.512	7.224	5.244	3.926	2.903	0.626
0.167	0.108	0.071	10.167	5.98	4.419	3.249	2.418	1.717	0.535

0.21	0.135	0.096	11.634	6.501	4.574	2.399	1.454	1.016	0.612
0.194	0.126	0.081	16.039	9.756	6.858	5.319	3.61	2.363	0.617
0.145	0.085	0.052	13.464	8.351	7.441	6.73	5.685	4.768	0.585
0.197	0.126	0.086	29.796	17.243	12.977	8.176	5.426	3.577	0.562
0.174	0.111	0.071	17.681	11.065	8.723	6.77	4.977	3.64	0.57
0.211	0.137	0.096	11.642	6.39	4.733	2.379	1.461	0.997	0.613
0.186	0.118	0.07	18.107	10.982	8.881	6.443	4.52	3.281	0.604
0.158	0.095	0.058	15.442	9.661	9.192	8.253	6.919	5.226	0.594
0.158	0.095	0.058	15.326	9.507	9.015	8.014	6.622	4.957	0.589
0.174	0.111	0.071	12.859	7.854	6.43	4.649	3.663	2.773	0.643
0.177	0.106	0.069	13.022	7.781	6.545	4.991	3.501	2.788	0.651
0.216	0.135	0.089	8.073	4.052	3.079	1.56	0.871	0.528	0.621
0.18	0.114	0.073	16.198	10.275	7.75	6.04	4.471	3.412	0.6
0.177	0.109	0.069	11.498	7.334	5.441	4.32	3.349	2.237	0.605
0.186	0.122	0.081	13.404	8.14	5.442	3.825	2.741	1.919	0.583
0.169	0.103	0.065	14.283	8.17	6.1	4.412	3.23	2.406	0.549
0.175	0.117	0.077	8.024	4.674	3.792	2.457	1.883	1.134	0.535
0.212	0.129	0.082	11.805	6.147	4.594	3.106	1.444	0.852	0.656
0.184	0.123	0.082	12.037	7.372	5.26	3.662	2.796	1.752	0.634
0.188	0.126	0.083	12.908	7.743	5.804	4.156	3.061	2.043	0.645
0.187	0.117	0.069	19.583	11.631	10.187	7.078	4.764	3.521	0.632
0.171	0.109	0.07	15.589	10.118	8.016	6.482	5	3.917	0.577
0.187	0.122	0.078	14.227	9.142	7.103	5.059	3.43	2.05	0.619
0.206	0.134	0.093	16.178	9.552	8.054	4.363	2.909	2.115	0.622
0.175	0.13	0.068	10.74	6.063	4.66	3.589	2.546	1.189	0.671
0.185	0.12	0.079	16.459	10.561	8.582	6.961	5.451	3.389	0.658
0.187	0.125	0.079	15.659	9	7.24	4.763	3.531	2.037	0.652
0.156	0.094	0.063	13.714	8.433	7.778	4.145	3.441	2.633	0.623
0.174	0.115	0.072	13.919	8.23	6.735	4.4	3.56	2.36	0.633
0.173	0.111	0.072	12.211	7.712	6.297	5.138	3.913	2.67	0.581
0.166	0.106	0.068	16.926	11.173	9.353	8.071	6.69	4.788	0.584
0.164	0.103	0.066	8.98	5.869	4.814	3.904	3.166	2.403	0.561
0.172	0.111	0.071	12.653	7.367	5.517	3.862	2.815	1.968	0.55
0.191	0.123	0.078	19.665	11.982	8.798	6.588	4.46	3.111	0.578
0.173	0.115	0.071	12.893	7.268	5.049	3.672	2.609	1.506	0.561
0.174	0.112	0.073	17.022	10.752	8.619	6.794	5.107	3.617	0.608
0.181	0.114	0.076	12.479	7.285	5.891	3.88	2.724	1.808	0.594
0.174	0.115	0.078	7.991	5.614	4.547	2.466	1.822	1.185	0.571
0.153	0.093	0.058	26.902	16.265	14.477	10.93	8.721	6.649	0.626
0.167	0.102	0.064	15.697	9.435	7.649	5.97	4.477	3.386	0.604
0.147	0.086	0.054	11.99	7.713	6.93	6.15	5.238	4.469	0.571
0.147	0.086	0.053	15.025	10.209	9.25	8.259	6.626	5.595	0.578
0.183	0.118	0.078	13.334	8.281	6.237	4.714	3.417	2.363	0.556
0.177	0.114	0.074	12.712	7.473	5.718	3.869	2.787	1.982	0.605
0.166	0.1	0.06	21.21	12.412	10.16	7.805	5.75	4.116	0.544
0.202	0.134	0.084	12.527	7.042	4.685	2.941	1.809	1.166	0.569
0.174	0.11	0.069	16.259	9.916	7.414	5.61	4.252	3.273	0.602
0.202	0.124	0.084	10.573	5.302	5.04	2.27	1.218	0.823	0.661
0.206	0.141	0.1	13.404	7.734	5.768	3.481	2.378	1.505	0.638
0.174	0.112	0.071	17.364	10.963	8.58	6.695	4.944	3.639	0.579

0.186	0.122	0.08	12.213	6.244	4.349	3.036	2.028	1.358	0.582
0.193	0.126	0.082	12.23	7.039	4.932	3.288	2.124	1.423	0.556
0.174	0.109	0.07	13.916	8.331	7.011	4.94	3.831	3.094	0.663
0.189	0.127	0.08	21.104	11.379	8.654	6.425	4.225	2.651	0.64
0.2	0.127	0.086	25.332	14.505	11.029	6.794	4.465	2.929	0.563
0.182	0.119	0.08	8.267	4.51	3.295	2.352	1.508	0.872	0.59
0.185	0.116	0.076	19.583	11.993	8.995	6.705	4.681	3.493	0.576
0.211	0.137	0.096	11.426	6.386	4.815	2.506	1.528	1.047	0.601
0.178	0.107	0.066	8.183	4.108	3.233	2.317	1.471	0.867	0.584
0.189	0.12	0.079	16.015	9.574	7.125	5.102	3.619	2.713	0.593
0.195	0.127	0.079	14.528	8.546	6.171	4.348	2.912	1.781	0.66
0.173	0.107	0.068	14.051	8.133	6.513	4.588	3.409	2.348	0.585
0.185	0.112	0.069	33.899	18.883	16.631	12.269	8.585	5.158	0.652
0.165	0.099	0.06	21.056	12.242	10.135	7.798	5.659	4.108	0.554
0.177	0.113	0.074	12.102	7.479	5.366	4.037	3.025	2.219	0.605
0.156	0.091	0.055	16.613	10.142	9.749	8.791	7.261	5.534	0.593
0.194	0.128	0.085	11.621	6.634	4.875	3.028	1.994	1.343	0.612
0.173	0.11	0.069	21.094	13.228	9.356	6.84	5.005	3.552	0.586
0.171	0.11	0.073	17.361	10.775	8.423	6.374	4.82	3.442	0.579
0.198	0.13	0.09	6.231	3.426	2.968	2.132	1.042	0.439	0.623
0.171	0.105	0.066	12.168	6.813	4.953	3.517	2.494	1.678	0.553
0.147	0.087	0.054	13.094	8.265	7.283	6.59	5.671	4.847	0.595
0.172	0.105	0.067	14.502	7.999	6.101	4.416	3.073	2.195	0.58
0.177	0.113	0.071	28.873	17.164	13.145	9.698	6.793	4.394	0.589
0.179	0.115	0.071	21.49	12.637	9.805	7.061	5.15	3.289	0.597
0.188	0.12	0.076	9.496	5.05	3.79	2.756	1.62	0.986	0.594
0.187	0.121	0.076	17.595	9.75	7.2	4.721	3.027	1.917	0.533
0.19	0.122	0.084	10.186	6.188	4.468	3.365	2.483	1.796	0.599
0.173	0.107	0.067	17.572	10.431	7.224	5.087	3.639	2.531	0.549
0.145	0.085	0.053	13.495	8.647	7.561	6.732	5.797	4.864	0.562
0.181	0.115	0.072	20.239	11.133	8.338	5.801	4.142	2.768	0.578
0.172	0.106	0.065	14.283	7.415	5.434	4.015	2.964	2.03	0.571
0.174	0.11	0.066	14.991	7.997	5.7	4.075	3.005	2.036	0.577
0.177	0.113	0.074	12.025	7.412	5.324	4.022	2.997	2.216	0.601
0.166	0.102	0.064	26.008	14.893	11.692	9.76	7.762	6.173	0.591
0.184	0.116	0.07	19.621	12.019	9.991	5.974	3.424	2.215	0.595
0.166	0.107	0.067	12.591	7.924	6.542	5.191	3.954	2.855	0.572
0.218	0.146	0.097	8.903	4.914	3.658	2.467	1.411	0.849	0.636
0.178	0.111	0.071	12.878	7.67	6.088	4.924	3.472	2.637	0.644
0.19	0.125	0.081	15.036	9.353	7.203	4.913	3.193	2.119	0.537
0.173	0.112	0.072	8.662	5.52	4.175	3.213	2.41	1.792	0.577
0.162	0.098	0.062	13.399	8.87	8.607	7.912	6.532	5.174	0.638
0.183	0.119	0.079	15.452	9.488	7.213	5.295	3.806	2.655	0.594
0.185	0.117	0.079	12.932	7.561	6.252	4.434	3.299	2.566	0.647
0.148	0.087	0.053	35.286	21.26	18.106	15.501	13.365	10.919	0.588
0.149	0.087	0.054	33.964	20.371	17.089	14.735	12.773	10.526	0.596
0.161	0.108	0.064	7.052	5.024	5.28	4.086	4.178	3.226	0.641
0.169	0.11	0.073	9.706	5.729	4.125	3.018	2.211	1.558	0.539
0.168	0.107	0.067	17.25	9.262	6.751	5.098	3.862	2.848	0.595
0.184	0.113	0.069	32.938	18.494	16.472	11.822	8.41	4.909	0.646

0.164	0.099	0.061	23.128	13.777	10.988	8.746	6.735	5.074	0.551
0.196	0.124	0.08	15.383	9.336	7.35	5.361	3.565	2.631	0.592
0.174	0.11	0.07	19.506	11.828	8.852	6.528	4.565	3.264	0.574
0.181	0.118	0.077	26.602	16.011	13.579	8.704	6.565	4.642	0.591
0.245	0.148	0.094	6.407	3.482	2.481	1.512	0.671	0.273	0.534
0.144	0.085	0.053	14.202	9.556	8.716	7.27	6.146	5.253	0.568
0.185	0.12	0.075	25.045	15.516	13.564	9.36	7.089	5.376	0.626
0.163	0.097	0.06	35.233	20.473	17.354	13.48	10.099	7.646	0.568
0.188	0.113	0.075	12.919	8.212	7.137	4.663	2.921	2.049	0.646
0.182	0.118	0.075	21.529	13.125	11.144	7.72	5.477	3.87	0.615
0.179	0.104	0.068	13.998	7.703	6.173	4.008	2.612	1.959	0.609
0.19	0.123	0.081	20.986	13.214	11.122	7.551	5.518	3.782	0.6
0.183	0.122	0.077	16.684	10.728	8.584	6.632	4.993	3.334	0.596
0.194	0.123	0.082	12.139	6.855	5.387	3.434	2.276	1.659	0.639
0.217	0.151	0.109	10.765	6.37	4.341	3.061	2.027	1.209	0.633
0.166	0.102	0.062	32.904	20.941	18.816	15.952	12.762	9.651	0.598
0.177	0.11	0.07	17.94	10.313	8.286	6.075	4.557	3.545	0.619
0.183	0.116	0.076	16.505	11.25	9.666	7.453	5.351	3.629	0.611
0.206	0.137	0.092	11.209	6.165	4.276	3.007	1.841	0.932	0.659
0.178	0.111	0.073	20.709	12.265	9.904	7.424	5.283	3.95	0.609
0.182	0.119	0.08	8.267	4.51	3.295	2.352	1.508	0.872	0.59
0.178	0.114	0.07	15.714	8.874	6.39	4.8	3.274	2.181	0.561
0.193	0.123	0.085	11.466	6.686	5.005	2.943	1.938	1.38	0.603
0.196	0.127	0.084	30.877	18.568	14.902	10.077	6.718	4.138	0.618
0.181	0.118	0.075	28.731	17.394	14.707	9.673	7.264	5.536	0.586
0.149	0.087	0.053	35.3	21.213	18.204	15.599	13.506	10.995	0.598
0.165	0.108	0.072	10.09	5.98	4.39	3.282	2.405	1.565	0.531
0.172	0.107	0.068	14.059	8.683	6.974	5.819	4.444	3.521	0.586
0.169	0.105	0.066	14.241	8.937	7.308	6.295	5.013	4.122	0.593
0.174	0.111	0.071	12.989	8.206	6.809	4.825	3.775	2.835	0.649
0.184	0.116	0.077	13.948	8.624	6.7	4.661	3.35	2.414	0.558
0.164	0.101	0.063	12.179	8.093	7.436	6.66	5.541	4.325	0.609
0.177	0.114	0.074	13.179	8.188	6.445	4.392	3.269	2.335	0.628
0.158	0.095	0.058	15.702	9.957	9.557	8.653	7.281	5.591	0.604
0.182	0.115	0.072	19.499	11.054	8.058	5.736	4.115	2.811	0.573
0.174	0.111	0.069	12.91	8.106	6.773	5.257	3.692	2.534	0.561
0.183	0.116	0.073	14.86	8.762	6.827	5.062	3.706	2.484	0.619
0.178	0.111	0.073	20.839	12.541	10.294	7.798	5.676	4.39	0.613
0.168	0.107	0.065	14.182	8.381	6.574	4.774	3.561	2.503	0.567
0.158	0.099	0.061	14.86	9.604	9.254	8.453	7.227	5.568	0.646
0.187	0.116	0.075	11.791	6.617	4.629	3.187	2.11	1.382	0.536
0.185	0.119	0.078	17.19	10.259	7.495	4.947	3.415	2.347	0.614
0.189	0.127	0.08	21.235	11.694	9.033	6.726	4.453	2.85	0.643
0.174	0.109	0.07	14.046	8.683	7.39	5.116	3.943	3.156	0.669
0.175	0.109	0.071	13.976	8.579	6.873	4.942	3.437	2.692	0.608
0.194	0.128	0.081	8.861	5.032	3.699	2.481	1.693	0.81	0.633
0.185	0.116	0.076	19.713	12.269	9.385	7.089	5.059	3.86	0.58
0.195	0.127	0.079	14.658	8.822	6.615	4.746	3.161	1.924	0.666
0.162	0.098	0.062	13.399	8.87	8.607	7.912	6.532	5.174	0.638
0.177	0.11	0.07	18.07	10.666	8.665	6.234	4.644	3.633	0.623



0.177	0.113	0.074	12.309	7.832	5.616	4.214	3.131	2.285	0.615
0.158	0.097	0.059	15.332	9.865	9.42	8.438	7.326	5.608	0.613
0.149	0.087	0.053	35.43	21.489	18.563	16.024	13.969	11.457	0.601
0.173	0.11	0.068	12.98	8.471	7.307	5.993	4.615	3.198	0.59
0.182	0.118	0.075	21.659	13.401	11.535	8.117	5.863	4.274	0.619
0.206	0.141	0.1	13.535	8.087	6.129	3.618	2.494	1.575	0.645
0.158	0.095	0.058	15.442	9.661	9.192	8.253	6.919	5.226	0.594
0.166	0.1	0.06	21.21	12.412	10.16	7.805	5.75	4.116	0.544
0.173	0.109	0.068	12.811	7.711	5.644	4.192	2.985	2.158	0.557
0.184	0.113	0.069	33.068	18.83	16.849	12.09	8.624	5.055	0.648
0.166	0.102	0.062	32.904	20.941	18.816	15.952	12.762	9.651	0.598
0.211	0.137	0.096	11.634	6.652	5.223	2.821	1.706	1.186	0.612
0.217	0.151	0.109	10.765	6.38	4.369	3.081	2.052	1.237	0.633
0.189	0.119	0.078	56.065	30.562	26.093	16.077	10.681	7.181	0.66
0.162	0.099	0.06	23.128	13.777	10.983	8.731	6.796	5.102	0.551
0.173	0.109	0.068	12.942	7.841	5.8	4.398	3.178	2.328	0.563
0.163	0.101	0.062	14.72	8.876	7.328	5.328	3.927	3.042	0.566
0.163	0.097	0.06	35.233	20.473	17.354	13.48	10.099	7.646	0.568
0.187	0.121	0.076	17.457	9.681	7.127	4.68	3.003	1.873	0.529
0.173	0.109	0.068	13.086	8.024	6.881	5.22	3.681	2.443	0.569
0.179	0.115	0.071	21.49	12.637	9.805	7.061	5.15	3.289	0.597
0.164	0.1	0.062	14.72	8.871	7.315	5.454	3.879	3.066	0.566

X1Av	X2Av	X3Av	X4Av	X5Av	X0sol	X1sol	X2sol	X3sol	X4sol
0.353	0.207	0.11	0.067	0.033	18.397	11.935	10.52	8.295	6.598
0.347	0.197	0.097	0.052	0.029	18.113	11.329	10.13	6.797	5.189
0.297	0.156	0.079	0.041	0.022	15.604	11.026	10.186	8.844	7.841
0.353	0.21	0.105	0.059	0.035	13.38	8.63	7.247	4.993	3.676
0.393	0.226	0.135	0.074	0.04	18.863	12.655	12	10.156	7.552
0.338	0.194	0.103	0.056	0.031	14.656	10.254	8.983	7.263	6.252
0.306	0.166	0.091	0.049	0.027	13.853	9.665	9.138	8.48	7.368
0.275	0.141	0.08	0.043	0.024	21.087	14.491	13.337	10.566	9.362
0.336	0.187	0.103	0.056	0.031	13.502	9.309	7.558	6.14	4.75
0.363	0.212	0.126	0.075	0.044	15.7	11.255	10.165	8.939	7.498
0.314	0.174	0.087	0.046	0.026	14.242	9.815	9.139	7.338	6.217
0.337	0.189	0.1	0.057	0.032	23.535	15.939	14.227	11.937	10.538
0.301	0.159	0.082	0.044	0.023	15.974	11.148	10.303	8.552	7.312
0.351	0.202	0.117	0.067	0.036	17.493	11.882	10.766	9.104	6.986
0.346	0.201	0.105	0.058	0.032	16.027	10.937	10.025	7.867	6.684
0.284	0.15	0.08	0.042	0.022	16.19	10.847	10.12	8.366	6.872
0.335	0.185	0.1	0.057	0.028	10.966	7.348	6.677	5.578	4.563
0.318	0.176	0.093	0.048	0.026	16.311	11.492	10.71	9.028	7.657
0.309	0.174	0.092	0.051	0.027	36.915	24.371	22.246	17.007	13.058
0.321	0.176	0.099	0.056	0.032	21.968	15.675	13.908	12.254	10.944
0.335	0.185	0.1	0.055	0.031	15.441	11.115	10.012	8.625	7.661
0.305	0.164	0.086	0.045	0.024	14.613	9.953	9.13	7.813	6.315
0.33	0.188	0.108	0.062	0.037	19.51	13.673	11.949	10.52	8.695
0.322	0.182	0.093	0.049	0.027	14.656	10.254	8.983	7.263	6.252
0.352	0.199	0.113	0.063	0.033	14.847	10.835	9.165	8.005	6.839
0.298	0.149	0.079	0.041	0.022	15.69	10.613	9.47	8.224	6.897
0.313	0.176	0.092	0.051	0.027	16.286	11.154	9.847	8.229	6.986
0.298	0.16	0.086	0.044	0.026	16.82	10.952	10.065	7.074	5.445
0.315	0.174	0.094	0.05	0.028	14.613	10.137	9.62	8.638	7.772
0.343	0.195	0.111	0.061	0.036	18.692	13.064	11.034	8.989	7.233
0.341	0.196	0.103	0.057	0.032	14.656	10.254	8.983	7.263	6.252
0.356	0.195	0.111	0.067	0.042	12.096	7.993	6.973	6.365	5.298
0.322	0.182	0.104	0.057	0.033	17.527	11.469	10.199	7.867	5.76
0.331	0.19	0.103	0.06	0.034	33.053	22.117	19.746	15.545	12.918
0.301	0.162	0.084	0.044	0.023	15.983	10.636	10.137	8.498	6.853
0.365	0.216	0.128	0.071	0.042	22.422	14.116	13.144	9.678	7.934
0.342	0.187	0.104	0.058	0.033	14.286	10.366	9.002	8.405	7.798
0.338	0.21	0.124	0.08	0.033	11.897	6.894	6.426	3.504	2.253
0.336	0.194	0.113	0.068	0.038	19.776	12.581	12.865	11.906	10.185
0.352	0.183	0.109	0.058	0.029	15.621	9.816	8.22	6.98	4.749
0.355	0.214	0.113	0.061	0.036	14.088	9.113	7.683	5.237	3.584
0.35	0.206	0.1	0.059	0.031	9.845	6.109	5.521	3.858	2.846
0.317	0.177	0.096	0.052	0.029	13.527	9.827	8.898	7.858	7.046
0.324	0.178	0.095	0.051	0.029	16.974	12.043	12.14	11.262	10.315
0.305	0.164	0.081	0.043	0.023	22.422	14.167	12.933	9.609	8.456
0.275	0.143	0.076	0.04	0.021	14.82	10.148	9.221	7.535	6.198
0.301	0.162	0.084	0.044	0.024	13.742	9.526	8.731	7.076	5.997
0.34	0.201	0.107	0.058	0.032	15.458	11.112	10.689	9.119	8.095
0.285	0.147	0.077	0.041	0.022	13.405	9.182	8.355	7.007	6.367

0.342	0.199	0.096	0.052	0.031	14.088	9.13	7.601	5.262	3.772
0.361	0.196	0.116	0.068	0.04	18.83	12.624	10.257	8.936	6.656
0.309	0.165	0.091	0.049	0.027	15.983	11.026	10.87	10.734	9.916
0.308	0.173	0.092	0.051	0.028	38.329	25.371	22.941	17.566	13.395
0.316	0.171	0.095	0.052	0.03	20.665	14.614	13.28	11.997	10.27
0.336	0.197	0.099	0.054	0.031	14.251	8.969	8.17	5.076	3.705
0.354	0.207	0.124	0.067	0.04	22.422	14.116	13.144	9.678	7.934
0.333	0.191	0.113	0.068	0.039	18.905	12.171	12.32	11.54	9.716
0.328	0.188	0.11	0.065	0.037	18.905	12.171	12.32	11.54	9.716
0.357	0.214	0.116	0.067	0.037	14.303	10.162	9.283	7.77	7.006
0.354	0.211	0.119	0.063	0.036	14.466	10.073	9.416	8.233	6.867
0.312	0.181	0.087	0.046	0.025	9.845	6.092	5.595	3.888	2.572
0.342	0.194	0.112	0.062	0.035	18.83	13.756	11.921	10.552	9.111
0.349	0.188	0.108	0.062	0.036	13.242	9.292	8.051	7.086	5.862
0.326	0.17	0.091	0.051	0.028	15.908	11.381	9.289	7.812	6.59
0.282	0.145	0.075	0.038	0.02	18.259	12.58	11.495	9.945	8.617
0.292	0.158	0.095	0.052	0.028	8.906	6.2	5.913	4.922	4.306
0.341	0.191	0.111	0.05	0.027	13.707	8.452	7.494	5.939	3.729
0.369	0.202	0.111	0.065	0.037	13.665	9.241	7.712	6.08	5.268
0.369	0.207	0.115	0.07	0.041	14.535	9.63	8.259	6.783	5.534
0.363	0.221	0.129	0.07	0.042	23.345	14.44	14.024	10.29	7.944
0.326	0.182	0.105	0.058	0.033	18.217	13.293	11.915	10.621	9.357
0.381	0.209	0.12	0.07	0.038	17.285	11.757	11.509	8.605	6.484
0.354	0.224	0.118	0.068	0.041	18.993	12.315	11.749	7.617	5.757
0.379	0.203	0.112	0.067	0.035	12.845	7.773	6.943	5.834	5.3
0.391	0.232	0.145	0.091	0.054	18.518	12.967	11.889	10.318	8.817
0.36	0.213	0.113	0.069	0.035	17.69	11.397	10.351	7.871	6.356
0.351	0.19	0.086	0.047	0.026	16.639	10.844	13.515	7.938	7.191
0.343	0.204	0.102	0.06	0.031	15.527	10.648	9.628	7.492	6.778
0.321	0.18	0.105	0.059	0.035	14.397	10.22	9.457	8.492	7.335
0.339	0.191	0.112	0.069	0.041	19.899	14.127	12.922	11.978	10.3
0.309	0.172	0.095	0.054	0.03	10.535	7.916	7.29	6.733	6.082
0.295	0.158	0.082	0.043	0.023	16.397	11.075	10.049	8.075	7.242
0.333	0.183	0.106	0.063	0.037	24.501	16.439	14.018	11.865	8.758
0.291	0.144	0.075	0.04	0.02	16.397	11.151	9.671	8.47	7.455
0.336	0.187	0.108	0.06	0.034	19.941	14.413	13.535	12.035	10.633
0.317	0.184	0.097	0.051	0.03	14.82	10.114	9.432	7.255	6.067
0.374	0.207	0.099	0.054	0.031	10.432	7.488	8.193	4.793	4.418
0.332	0.183	0.092	0.049	0.026	31.585	20.946	21.243	18.885	17.379
0.325	0.178	0.096	0.051	0.028	18.422	12.528	11.477	10.333	8.966
0.309	0.169	0.093	0.05	0.028	14.353	10.126	10.036	9.695	8.996
0.329	0.181	0.101	0.053	0.03	17.681	12.543	12.494	12.078	10.604
0.307	0.169	0.096	0.054	0.031	15.485	11.399	9.814	8.567	7.289
0.325	0.184	0.094	0.051	0.028	14.656	10.254	8.983	7.263	6.252
0.289	0.152	0.08	0.042	0.021	28.386	18.428	17.691	16.226	13.795
0.32	0.167	0.095	0.053	0.03	13.924	9.274	7.125	5.334	3.863
0.331	0.177	0.097	0.054	0.031	19.303	13.458	12.054	10.34	8.932
0.331	0.219	0.095	0.049	0.027	12.345	7.304	7.553	4.851	3.09
0.368	0.222	0.129	0.074	0.052	16.018	10.507	9.214	6.118	5.028
0.322	0.175	0.098	0.054	0.032	19.794	14.204	12.752	11.518	9.954

0.284	0.145	0.078	0.041	0.023	15.405	10.083	8.637	7.249	5.991
0.306	0.159	0.091	0.051	0.028	13.502	9.292	7.662	6.016	4.611
0.362	0.219	0.118	0.066	0.039	15.673	10.845	10.325	8.374	7.413
0.335	0.188	0.105	0.06	0.034	24.433	15.842	13.179	11.514	8.892
0.309	0.175	0.093	0.052	0.028	32.932	21.405	19.559	14.592	10.938
0.301	0.157	0.084	0.042	0.024	10.129	6.698	6.025	5.099	4.269
0.316	0.173	0.099	0.053	0.03	22.46	16.28	14.103	12.188	10.036
0.336	0.201	0.104	0.057	0.033	14.251	8.969	8.17	5.076	3.705
0.274	0.141	0.07	0.035	0.018	10.456	6.537	6.232	5.877	4.482
0.33	0.188	0.109	0.06	0.035	19.562	13.42	11.863	9.167	7.359
0.372	0.206	0.118	0.065	0.033	16.449	10.923	9.396	7.49	5.945
0.313	0.176	0.092	0.051	0.027	16.286	11.154	9.847	8.229	6.986
0.35	0.2	0.112	0.066	0.033	39.67	23.986	23.478	20.302	14.674
0.291	0.154	0.081	0.042	0.022	27.679	17.89	17.537	15.818	13.371
0.34	0.185	0.101	0.056	0.031	13.786	9.898	8.154	7.085	6.121
0.327	0.184	0.105	0.063	0.036	19.776	12.591	12.783	12.059	10.242
0.332	0.195	0.101	0.054	0.031	13.502	9.271	7.785	5.83	4.743
0.339	0.18	0.095	0.05	0.026	25.33	17.694	14.589	12.431	10.968
0.317	0.172	0.094	0.051	0.03	21.165	14.886	13.838	11.9	10.575
0.343	0.198	0.118	0.055	0.031	7.776	4.582	4.454	3.568	2.461
0.284	0.142	0.072	0.037	0.019	14.983	10.13	9.019	8.05	6.826
0.318	0.173	0.097	0.053	0.03	15.06	10.664	10.227	10.01	9.353
0.296	0.156	0.083	0.042	0.023	18.637	12.207	11.432	9.411	7.821
0.312	0.166	0.09	0.048	0.026	34.959	24.391	22.464	19.72	16.895
0.316	0.172	0.094	0.053	0.028	26.123	17.993	16.884	14.015	12.047
0.297	0.158	0.089	0.043	0.022	12.707	8.17	7.695	6.807	5.068
0.279	0.147	0.079	0.041	0.021	24.121	15.634	14.733	11.23	8.927
0.344	0.194	0.112	0.065	0.041	12.088	8.326	6.759	5.689	4.624
0.307	0.157	0.079	0.04	0.021	23.087	15.506	13.063	11.063	9.615
0.309	0.164	0.09	0.049	0.027	16.69	11.526	11.25	10.877	10.085
0.301	0.163	0.088	0.048	0.025	25.535	16.722	14.992	11.964	10.009
0.285	0.147	0.079	0.042	0.023	18.723	11.828	10.55	8.774	7.405
0.296	0.15	0.08	0.044	0.023	19.43	12.311	11.005	8.891	7.567
0.337	0.184	0.101	0.056	0.031	13.786	9.898	8.154	7.085	6.121
0.304	0.162	0.092	0.052	0.03	31.12	21.345	18.855	17.577	15.332
0.354	0.204	0.105	0.048	0.025	24.302	15.79	16.083	10.907	8.481
0.317	0.177	0.102	0.056	0.033	15.267	10.686	9.771	8.48	7.461
0.351	0.215	0.13	0.071	0.04	10.389	6.736	5.483	4.145	2.921
0.349	0.196	0.115	0.062	0.036	15.113	10.28	9.291	8.584	6.596
0.312	0.172	0.096	0.052	0.029	20.398	14.169	13.856	10.802	8.677
0.325	0.174	0.095	0.052	0.03	10.251	7.36	6.512	5.892	5.149
0.37	0.221	0.136	0.083	0.049	14.828	9.949	10.059	9.402	7.735
0.327	0.18	0.1	0.056	0.032	18.433	12.992	11.715	9.977	8.335
0.36	0.216	0.123	0.073	0.046	14.588	9.549	8.64	6.654	5.283
0.313	0.166	0.09	0.049	0.027	42.57	28.759	27.249	25.537	23.543
0.313	0.166	0.09	0.049	0.027	40.181	27.424	25.791	24.251	22.524
0.386	0.251	0.151	0.099	0.06	7.475	5.235	5.728	4.344	4.544
0.286	0.147	0.077	0.041	0.022	12.535	8.771	7.816	6.603	5.937
0.299	0.153	0.082	0.045	0.025	21.129	13.943	12.139	10.443	9.232
0.349	0.201	0.11	0.066	0.033	38.963	23.426	23.459	19.663	14.473

0.287	0.151	0.081	0.043	0.023	29.283	20.282	19.006	17.692	15.348
0.333	0.188	0.112	0.065	0.038	18.2	12.355	11.269	9.264	6.825
0.303	0.158	0.085	0.044	0.024	23.07	16.657	15.239	13.432	11.412
0.327	0.197	0.102	0.058	0.033	31.976	21.553	20.459	15.356	13.312
0.317	0.177	0.095	0.056	0.034	9.724	5.54	4.489	3.912	1.78
0.319	0.174	0.093	0.05	0.028	16.974	12.043	12.14	11.262	10.315
0.361	0.222	0.125	0.075	0.046	29.217	19.468	18.718	14.52	12.119
0.301	0.165	0.089	0.048	0.026	44.94	29.272	28.58	24.581	20.408
0.391	0.238	0.133	0.066	0.039	15.001	10.263	10.494	7.483	5.51
0.345	0.206	0.11	0.064	0.037	24.891	16.781	15.639	12.769	10.041
0.308	0.171	0.085	0.042	0.023	16.56	10.952	10.383	8.433	6.454
0.357	0.218	0.124	0.075	0.044	25.674	17.435	16.863	12.928	10.228
0.346	0.2	0.118	0.069	0.04	19.399	13.651	12.197	10.244	8.782
0.343	0.207	0.111	0.06	0.035	14.165	9.453	8.461	6.287	4.825
0.375	0.217	0.133	0.084	0.064	12.864	8.774	6.867	5.538	4.206
0.338	0.192	0.113	0.066	0.038	39.189	26.011	26.064	23.357	19.827
0.333	0.193	0.108	0.061	0.035	21.319	14.309	13.2	10.747	9.214
0.375	0.225	0.133	0.076	0.044	19.105	13.848	13.53	11.314	9
0.363	0.194	0.116	0.063	0.031	12.837	8.079	6.808	5.346	3.967
0.331	0.187	0.103	0.058	0.034	24.684	16.638	15.316	13.101	10.225
0.301	0.157	0.084	0.042	0.024	10.129	6.698	6.025	5.099	4.269
0.286	0.145	0.079	0.041	0.022	19.673	13.601	12.019	10.882	8.991
0.334	0.193	0.095	0.051	0.029	13.665	9.165	8.053	5.99	4.691
0.35	0.21	0.119	0.066	0.037	36.752	24.886	22.778	18.074	14.232
0.328	0.196	0.105	0.061	0.036	35.131	23.357	22.348	16.671	14.111
0.317	0.169	0.092	0.05	0.028	41.863	28.221	27.036	25.289	23.309
0.285	0.146	0.076	0.04	0.022	13.295	9.232	8.228	7.106	6.463
0.322	0.179	0.104	0.058	0.034	16.681	11.707	10.366	9.632	8.161
0.331	0.187	0.11	0.063	0.037	16.681	11.745	10.226	9.611	8.316
0.373	0.227	0.121	0.069	0.038	14.303	10.162	9.283	7.77	7.006
0.319	0.172	0.099	0.057	0.033	15.815	11.345	10.19	8.929	7.485
0.352	0.207	0.126	0.076	0.045	13.905	9.593	9.377	8.691	7.351
0.356	0.208	0.107	0.059	0.032	14.656	10.254	8.983	7.263	6.252
0.343	0.199	0.119	0.071	0.041	18.905	12.171	12.32	11.54	9.716
0.307	0.164	0.09	0.049	0.027	24.665	16.329	14.358	11.644	9.663
0.324	0.183	0.103	0.055	0.03	16.863	11.714	11.642	10.235	8.609
0.337	0.185	0.101	0.059	0.033	17.556	12.188	11.14	10.006	8.239
0.339	0.194	0.108	0.062	0.038	24.684	16.638	15.316	13.101	10.225
0.31	0.164	0.085	0.046	0.025	16.56	11.007	10.104	8.551	7.2
0.369	0.22	0.136	0.083	0.049	16.405	10.86	11.009	9.806	8.608
0.276	0.14	0.074	0.038	0.021	15.527	10.669	9.437	8.022	6.365
0.342	0.192	0.099	0.053	0.029	19.769	13.686	11.551	9.245	7.762
0.344	0.196	0.11	0.064	0.037	24.433	15.842	13.179	11.514	8.892
0.378	0.231	0.122	0.068	0.039	15.673	10.845	10.325	8.374	7.413
0.33	0.186	0.099	0.051	0.028	16.311	11.492	10.71	9.028	7.657
0.335	0.185	0.099	0.056	0.027	10.966	7.348	6.677	5.578	4.563
0.323	0.18	0.104	0.057	0.033	22.46	16.28	14.103	12.188	10.036
0.384	0.221	0.128	0.07	0.036	16.449	10.923	9.396	7.49	5.945
0.37	0.221	0.136	0.083	0.049	14.828	9.949	10.059	9.402	7.735
0.344	0.202	0.111	0.062	0.036	21.319	14.309	13.2	10.747	9.214

0.356	0.194	0.105	0.058	0.032	13.786	9.898	8.154	7.085	6.121
0.352	0.209	0.126	0.076	0.044	17.983	11.809	11.712	10.572	9.446
0.321	0.172	0.094	0.052	0.029	41.863	28.221	27.036	25.289	23.309
0.353	0.203	0.12	0.07	0.041	16.509	11.668	11.845	10.714	9.369
0.353	0.214	0.116	0.069	0.041	24.891	16.781	15.639	12.769	10.041
0.385	0.236	0.134	0.078	0.054	16.018	10.507	9.214	6.118	5.028
0.333	0.191	0.113	0.068	0.039	18.905	12.171	12.32	11.54	9.716
0.289	0.152	0.08	0.042	0.021	28.386	18.428	17.691	16.226	13.795
0.308	0.157	0.084	0.045	0.024	15.69	10.613	9.47	8.224	6.897
0.355	0.205	0.113	0.067	0.034	38.963	23.426	23.459	19.663	14.473
0.338	0.192	0.113	0.066	0.038	39.189	26.011	26.064	23.357	19.827
0.35	0.218	0.118	0.063	0.037	14.251	8.969	8.17	5.076	3.705
0.375	0.218	0.134	0.086	0.065	12.864	8.774	6.867	5.538	4.206
0.36	0.216	0.107	0.06	0.036	65.977	39.209	36.933	28.414	21.225
0.287	0.15	0.081	0.043	0.023	29.283	20.282	19.038	17.535	15.467
0.314	0.161	0.088	0.047	0.026	15.69	10.613	9.47	8.224	6.897
0.306	0.167	0.086	0.044	0.024	17.715	11.952	11.506	9.744	8.587
0.301	0.165	0.089	0.048	0.026	44.94	29.272	28.58	24.581	20.408
0.277	0.145	0.078	0.041	0.02	24.121	15.634	14.733	11.223	8.983
0.321	0.181	0.1	0.053	0.03	17.026	11.608	11.922	10.314	8.725
0.316	0.172	0.094	0.053	0.028	26.123	17.993	16.884	14.015	12.047
0.306	0.166	0.087	0.043	0.024	17.715	11.969	11.387	9.97	8.513

X5sol	XMOD	RDCHI	RDSQ	ISIZ	IAC	AAC	IDE	IDM	IDDE
4.751	73.43	3.481	197.78	325.212	71.524	1.277	3.187	8.04	4.004
4.029	71.474	3.514	167.496	296.423	76.758	1.476	3.627	7.853	3.887
6.706	69.461	3.323	191.153	179.525	53.932	1.541	2.935	7.668	4.061
3.026	53.721	3.045	108.164	219.66	55.014	1.342	3.279	7.015	3.614
5.238	83.226	3.466	198.477	296.423	85.799	1.65	3.38	8.004	4.374
5.295	62.306	3.273	164.766	240.215	49.735	1.13	3.028	7.516	3.63
6.738	59.802	3.079	173.797	192.75	51.776	1.399	2.748	7.396	3.584
7.232	113.406	4.393	369.922	339.763	111.076	1.915	3.678	9.165	4.196
3.875	57.273	3.16	128.963	212.877	51.152	1.279	3.016	7.219	4.037
5.838	68.642	3.558	193.781	296.423	63.303	1.217	3.134	7.78	4.176
5.658	65.689	3.072	145.642	140.882	49.604	1.71	2.825	7.235	3.827
8.609	99.591	4.139	320.837	429.05	100.479	1.435	3.545	8.832	4.802
6.022	73.562	3.501	212.17	226.477	72.422	1.724	3.17	7.904	3.887
5.116	74.247	3.581	192.227	282.193	67.743	1.355	3.295	7.892	4.252
5.913	68.382	3.319	176.887	247.133	60.381	1.342	3.054	7.655	4.278
5.853	69.865	3.244	180.305	160	58.668	1.833	2.973	7.667	4.096
2.846	48.292	2.654	85.734	104.042	40.228	1.749	2.649	6.313	2.896
6.956	72.485	3.441	199.461	226.477	62.708	1.493	3.064	7.788	4.176
11.057	153.172	5.336	554.163	616.131	147.771	1.572	3.97	10.118	4.991
8.352	96.435	4.261	310.321	369.16	83.348	1.344	3.637	8.708	4.051
6.858	69.089	3.343	190.196	219.66	56.238	1.372	2.89	7.676	4.152
5.463	62.817	3.097	158.702	166.465	52.359	1.587	2.839	7.391	3.922
7.231	85.461	4.066	240.338	332.475	76.799	1.347	3.771	8.278	4.45
5.295	63.214	3.273	164.766	226.477	53.528	1.274	3.028	7.516	3.63
5.086	68.249	3.387	159.084	212.877	57.108	1.428	3.106	7.51	4.011
5.688	70.801	3.315	192.071	212.877	72.032	1.801	3.166	7.773	4.089
5.619	72.141	3.469	199.792	247.133	66.456	1.477	3.242	7.898	4.105
4.589	70.866	3.511	166.602	226.477	72.854	1.735	3.385	7.754	3.828
7.088	64.028	3.117	188.024	226.477	59.997	1.428	2.768	7.543	4.107
6.2	82.721	3.863	208.308	303.58	78.959	1.49	3.606	8.091	4.162
5.295	62.843	3.273	164.766	247.133	54.384	1.209	3.028	7.516	3.63
3.953	50.509	2.657	110.709	160	47.894	1.497	2.532	6.749	3.5
4.499	71.29	3.652	173.241	268.078	70.574	1.47	3.649	7.836	4.085
9.638	137.728	5.205	469.923	616.131	135.694	1.444	3.958	9.806	5.045
6.131	68.673	3.135	171.142	153.58	55.757	1.799	2.831	7.541	4.011
5.713	88.401	3.879	253.166	413.948	88.977	1.308	3.654	8.532	4.282
7.104	62.8	3.241	182.54	240.215	49.735	1.13	2.907	7.526	3.726
1.933	44.911	2.539	78.806	166.465	52.877	1.602	2.891	6.515	2.974
8.181	78.426	3.391	270.102	332.475	75.551	1.325	3.163	8.251	4.236
3.646	63.389	3.095	131.694	226.477	68.312	1.626	3.289	7.333	3.584
3.131	57.827	3.234	113.464	240.215	60.76	1.381	3.555	7.135	3.827
1.883	37.851	2.427	70.526	147.207	39.666	1.322	2.649	6.088	3.085
6.382	60.648	3.158	169.949	206.131	51.178	1.312	2.728	7.401	4.322
9.804	74.73	3.492	263.48	282.193	69.103	1.382	2.947	8.044	4.404
6.316	91.394	3.713	266.228	325.212	89.11	1.591	3.344	8.578	4.507
5.338	64.226	3.214	167.254	160	53.833	1.682	2.966	7.525	4.011
5.367	60.038	3.072	145.642	147.207	48.55	1.618	2.825	7.235	3.827
7.043	70.392	3.369	188.32	226.477	62.552	1.489	3.024	7.656	4.187
5.432	57.033	2.947	151.882	153.58	47.957	1.547	2.603	7.264	4.143

3.176	57.629	3.16	116.348	226.477	59.077	1.407	3.364	7.174	3.827
4.803	78.339	3.717	201.297	332.475	76.032	1.334	3.556	8.097	3.7
9.187	69.824	3.177	233.343	240.215	64.918	1.475	2.72	7.822	4.35
11.167	160.172	5.523	575.192	648.242	154.839	1.58	4.044	10.227	5.209
8.299	94.989	4.282	288.721	339.763	94.584	1.631	3.847	8.571	4.632
3.079	56.741	3.178	115.017	219.66	61.494	1.5	3.508	7.138	3.722
5.713	88.978	3.879	253.166	398.93	89.119	1.35	3.654	8.532	4.282
7.819	75.962	3.364	254.43	310.764	72.31	1.339	3.165	8.133	4.393
7.819	75.962	3.364	254.43	296.423	70.363	1.353	3.165	8.133	4.393
6.227	63.926	3.223	153.147	212.877	54.952	1.374	3.031	7.363	3.522
6.325	63.352	3.13	157.201	212.877	54.952	1.374	2.864	7.387	3.522
1.873	39.388	2.446	69.714	122.211	41.576	1.599	2.702	6.079	3.547
8.099	87.471	3.942	234.283	296.423	81.333	1.564	3.601	8.192	4.357
4.374	57.692	3.199	140.357	212.877	54.638	1.366	3.152	7.176	3.827
5.488	71.421	3.525	180.898	254.084	64.576	1.404	3.126	7.792	3.567
7.689	78.565	3.559	240.767	233.329	64.849	1.508	3.081	8.164	3.661
3.322	49.422	2.66	96.95	86.439	44.074	2.204	2.819	6.495	3.457
2.611	53.507	2.879	114.114	212.877	57.467	1.437	3.127	7.034	3.837
3.912	57.042	3.149	129.434	233.329	57.29	1.332	3.162	7.191	3.682
4.163	59.342	3.138	142.833	254.084	60.386	1.313	3.101	7.361	3.684
5.791	90.341	3.9	267.88	436.632	92.149	1.298	3.668	8.628	4.761
8.28	82.301	3.893	250.791	303.58	73.326	1.384	3.311	8.243	4.31
4.708	78.091	3.361	173.872	254.084	78.684	1.711	3.32	7.756	3.882
4.827	77.199	3.923	187.674	347.076	84.663	1.435	3.9	8.046	3.536
2.544	49.765	2.502	104.697	172.974	55.861	1.643	2.607	6.743	3.078
6.04	83.201	3.689	200.132	282.193	75.658	1.513	3.404	7.997	4.004
4.637	69.495	3.401	186.823	317.975	66.287	1.205	3.117	7.92	3.72
6.76	74.718	3.102	188.239	233.329	74.071	1.723	2.993	7.655	3.971
5.44	65.206	3.299	177.765	268.078	57.428	1.196	3.019	7.662	3.482
5.573	63.792	3.411	170.377	219.66	59.734	1.457	3.216	7.471	3.844
8.009	87.297	3.968	279.349	347.076	79.018	1.339	3.424	8.441	3.823
5.372	48.903	2.927	124.633	140.882	39.915	1.376	2.63	6.715	3.125
5.971	69.001	3.344	190.509	206.131	53.42	1.37	3.048	7.797	4.089
6.554	104.274	4.474	295.638	421.488	108.705	1.575	3.97	8.87	4.595
5.394	69.822	3.386	187.491	199.421	59.721	1.572	3.238	7.764	4.35
8.658	92.363	4.154	248.593	275.121	82.643	1.687	3.761	8.272	4.522
4.633	63.815	3.405	157.663	226.477	63.484	1.512	3.344	7.467	4.297
3.445	51.249	2.569	88.442	98.108	43.353	1.971	2.637	6.312	3.093
15.324	135.986	4.678	521.296	529.128	133.032	1.603	3.777	9.584	5.24
7.696	78.182	3.61	237.237	303.58	76.204	1.438	3.342	8.116	4.21
8.573	63.386	3.101	204.214	212.877	57.925	1.448	2.61	7.557	3.88
9.97	78.307	3.577	275.031	303.58	74.959	1.414	3.057	8.147	4.47
5.796	74.848	3.767	195.671	240.215	68.311	1.553	3.47	7.859	4.335
5.295	62.306	3.273	164.766	226.477	47.8	1.138	3.028	7.516	3.63
11.447	118.275	4.287	440.099	413.948	106.63	1.568	3.564	9.329	4.785
3.001	68.179	3.376	146.98	233.329	73.732	1.715	3.438	7.617	3.698
7.643	84.704	3.753	244.827	282.193	76.043	1.521	3.39	8.23	4.607
2.513	46.854	2.641	97.892	179.525	51.795	1.48	2.902	6.694	3.203
3.417	69.589	3.426	130.155	233.329	74.361	1.729	3.665	7.429	3.821
7.951	91.948	4.245	274.95	332.475	90.051	1.58	3.817	8.476	4.707



4.639	65.285	3.183	154.489	206.131	65.014	1.667	3.198	7.495	3.916
3.943	66.69	3.383	158.857	212.877	63.577	1.589	3.349	7.618	3.538
6.981	69.464	3.27	164.919	212.877	60.68	1.517	3.059	7.51	4.297
6.245	100.567	4.199	280.195	436.632	98.829	1.392	3.925	8.775	4.863
9.053	136.374	4.954	452.122	536.955	137.105	1.632	3.936	9.741	4.853
2.951	41.89	2.561	89.058	122.211	39.138	1.505	2.554	6.329	3.325
8.534	103.993	4.689	313.278	391.454	95.268	1.466	4.023	8.848	4.617
3.079	56.621	3.178	115.017	219.66	61.494	1.5	3.508	7.138	3.722
3.124	42.732	2.405	94.474	110.039	42.82	1.784	2.294	6.363	3.807
6.293	85.304	3.936	218.5	296.423	81.333	1.564	3.67	8.195	4.134
4.522	68.458	3.438	156.394	268.078	66.053	1.376	3.488	7.591	3.88
5.619	72.141	3.469	199.792	247.133	66.456	1.477	3.242	7.898	4.105
10.763	154.252	4.758	622.549	837.182	168.167	1.39	3.671	10.197	4.989
11.364	114.34	4.225	425.475	406.428	103.945	1.551	3.552	9.25	4.985
5.234	60.53	3.203	154.558	226.477	51.311	1.222	2.954	7.378	3.422
8.258	81.469	3.385	289.399	332.475	81.876	1.436	3.152	8.361	4.423
3.746	57.315	3.172	128.425	212.877	51.152	1.279	3.056	7.214	2.945
9.549	112.924	4.309	363.899	474.843	119.926	1.578	3.453	9.118	3.503
8.599	94.381	4.28	272.8	310.764	89.008	1.648	3.836	8.472	4.548
1.267	29.057	1.99	50.915	92.239	32.533	1.549	2.038	5.353	3.122
5.383	67.724	3.192	183.931	186.117	64.701	1.797	3.055	7.651	4.096
8.73	67.152	3.182	215.852	233.329	61.277	1.425	2.73	7.685	4.187
6.734	78.03	3.481	214.034	219.66	66.949	1.633	3.266	8.02	4.324
12.425	156.579	5.839	524.613	560.536	147.59	1.696	4.546	9.878	5.288
8.783	116.207	4.714	344.904	384	109.183	1.706	4.043	9.014	4.725
3.852	53.798	2.714	107.701	104.042	42.251	1.837	2.759	6.715	3.5
7.114	100.014	4.341	285.813	317.975	97.819	1.779	4.012	8.756	4.597
3.689	52.101	2.894	114.055	186.117	50.104	1.392	2.759	6.91	2.911
8.119	98.67	4.112	292.583	354.413	98.19	1.637	3.686	8.718	3.625
9.507	72.201	3.275	244.46	247.133	66.184	1.471	2.856	7.933	4.304
7.817	106.517	4.304	325.9	384	100.643	1.573	3.78	8.978	4.729
5.861	76.659	3.228	213.993	233.329	71.274	1.658	2.865	8.075	3.654
5.851	79.351	3.365	221.726	254.084	75.077	1.632	3.079	8.172	4.162
5.234	59.993	3.203	154.558	219.66	46.71	1.139	2.954	7.378	3.422
13.34	137.717	4.909	499.154	536.955	127.083	1.513	3.989	9.636	4.778
6.251	106.273	4.008	294.811	361.775	108.797	1.784	3.639	8.827	4.514
5.73	67.655	3.507	180.397	233.329	63.604	1.479	3.267	7.615	3.914
2.036	41.078	2.629	75.662	153.58	35.988	1.161	2.918	6.286	3.236
5.661	65.125	3.146	156.151	192.75	51.776	1.399	3.027	7.362	3.984
6.76	92.776	4	227.689	226.477	78.506	1.869	3.818	8.275	4.182
4.302	44.858	2.744	106.595	140.882	37.473	1.292	2.554	6.537	3.107
6.534	60.85	3.117	187.053	275.121	57.804	1.18	2.943	7.509	4.297
6.651	82.682	4	212.114	282.193	79.833	1.597	3.749	8.049	4.258
4.44	59.689	3.086	145.834	261.066	61.197	1.302	3.044	7.37	3.546
21.507	182.287	5.202	910.002	795.526	175.011	1.509	3.717	10.605	5.64
20.785	173.154	5.163	837.38	754.18	164.283	1.48	3.737	10.448	5.644
3.438	31.659	2.322	72.86	134.606	31.9	1.139	1.882	5.653	2.163
5.114	53.991	2.919	139.001	147.207	43.584	1.453	2.602	7.098	3.281
7.66	89.68	3.589	273.822	310.764	81.05	1.501	3.187	8.485	4.651
10.401	150.327	4.73	602.867	812.152	164.868	1.397	3.679	10.137	5.437

13.195	132.317	4.708	499.087	459.5	110.512	1.493	3.7	9.537	4.916
5.585	80.492	3.893	203.622	275.121	76.84	1.568	3.802	8.048	4.162
9.641	103.757	4.681	330.466	369.16	90.663	1.462	4.037	8.833	4.712
10.733	134.102	5.215	469.03	600.168	133.375	1.45	4.011	9.726	5.147
0.753	36.964	2.154	57.207	122.211	37.889	1.457	2.554	5.868	2.585
9.804	75.307	3.492	263.48	268.078	69.598	1.45	2.947	8.044	4.404
9.535	122.298	4.719	398.953	544.798	124.91	1.47	3.725	9.403	4.615
17.776	185.28	5.548	861.298	770.68	167.018	1.478	3.965	10.68	5.329
4.388	67.76	3.136	142.875	219.66	67.363	1.643	3.231	7.336	4.022
7.804	102.375	4.541	322.651	474.843	93.183	1.226	4.022	8.924	4.193
5.808	67.981	3.372	188.651	240.215	62.511	1.421	3.124	7.785	3.969
8.159	112.983	4.373	319.761	429.05	113.164	1.617	3.664	9.01	4.672
6.425	85.696	4.176	232.66	347.076	87.648	1.486	3.879	8.259	3.852
4.142	59.399	3.112	130.751	199.421	52.711	1.387	3.013	7.219	3.432
2.621	57.374	3.06	95.556	166.465	53.736	1.628	3.345	6.819	3.735
15.709	165.836	5.839	668.409	820.483	163.521	1.374	4.53	10.219	5.345
8.259	91.894	3.749	262.724	317.975	87.656	1.594	3.341	8.47	4.418
7.044	88.486	3.948	230.988	303.58	79.261	1.495	3.621	8.197	4.533
2.749	50.071	2.817	104.205	206.131	52.72	1.352	3.015	6.872	3.382
8.649	103.702	4.243	329.223	406.428	95.082	1.419	3.688	8.894	4.124
2.951	41.89	2.561	89.058	122.211	39.138	1.505	2.554	6.329	3.325
6.943	87.577	3.946	247.474	275.121	82.562	1.685	3.664	8.293	4.423
4.018	56.928	3.186	127.328	212.877	54.638	1.366	3.28	7.168	3.932
10.211	158.956	5.595	512.584	648.242	158.294	1.615	4.202	10.031	5.069
11.667	145.499	5.369	532.756	656.306	147.573	1.491	4.044	9.981	5.314
21.073	178.436	5.174	887.696	803.833	173.457	1.483	3.72	10.553	5.781
5.091	57.336	3.013	149.481	153.58	47.957	1.547	2.718	7.25	3.09
7.117	72.964	3.538	209.308	268.078	67.601	1.408	3.267	7.886	4.252
7.35	73.322	3.51	211.302	275.121	68.586	1.4	3.245	7.889	4.137
6.227	63.926	3.223	153.147	219.66	55.934	1.364	3.031	7.363	3.522
6.253	82.595	3.666	201.187	206.131	77.318	1.983	3.533	7.975	4.023
6.134	58.714	3.12	171.51	240.215	53.117	1.207	2.958	7.356	3.722
5.295	62.843	3.273	164.766	254.084	55.277	1.202	3.028	7.516	3.63
7.819	75.962	3.364	254.43	325.212	74.157	1.324	3.165	8.133	4.393
7.655	103.957	4.277	311.103	369.16	98.193	1.584	3.779	8.888	4.536
7.045	77.057	3.314	192.324	186.117	66.653	1.851	3.16	7.771	4.002
6.54	79.844	3.536	193.737	233.329	73.622	1.712	3.455	7.857	4.168
8.649	103.702	4.243	329.223	413.948	96.092	1.413	3.688	8.894	4.124
5.915	76.141	3.373	220.092	247.133	79.698	1.771	3.194	8.024	4.404
6.942	66.314	3.256	210.676	303.58	62.134	1.172	3.096	7.765	4.263
5.017	67.509	3.465	169.095	179.525	57.909	1.655	3.412	7.596	3.845
6.393	83.805	3.927	234.857	339.763	70.345	1.213	3.569	8.326	4.138
6.245	100.567	4.199	280.195	444.235	99.722	1.385	3.925	8.775	4.863
6.981	69.464	3.27	164.919	219.66	61.734	1.506	3.059	7.51	4.297
6.956	72.485	3.441	199.461	233.329	63.832	1.484	3.064	7.788	4.176
2.846	48.292	2.654	85.734	104.042	40.228	1.749	2.649	6.313	2.896
8.534	103.993	4.689	313.278	398.93	96.324	1.459	4.023	8.848	4.617
4.522	68.458	3.438	156.394	275.121	66.925	1.366	3.488	7.591	3.88
6.534	60.85	3.117	187.053	275.121	57.804	1.18	2.943	7.509	4.297
8.259	91.894	3.749	262.724	325.212	88.722	1.584	3.341	8.47	4.418

5.234	60.53	3.203	154.558	233.329	52.229	1.215	2.954	7.378	3.422
7.615	73.29	3.36	237.551	317.975	70.529	1.282	3.16	8.015	4.484
21.073	178.436	5.174	887.696	812.152	174.463	1.478	3.72	10.553	5.781
7.389	78.598	3.237	181.224	166.465	65.551	1.986	3.099	7.641	4.061
7.804	102.375	4.541	322.651	482.543	94.065	1.222	4.022	8.924	4.193
3.417	69.589	3.426	130.155	240.215	75.312	1.712	3.665	7.429	3.821
7.819	75.962	3.364	254.43	310.764	72.31	1.339	3.165	8.133	4.393
11.447	118.275	4.287	440.099	413.948	106.63	1.568	3.564	9.329	4.785
5.688	70.801	3.315	192.071	212.877	72.032	1.801	3.166	7.773	4.089
10.401	150.327	4.73	602.867	820.483	165.68	1.392	3.679	10.137	5.437
15.709	165.836	5.839	668.409	820.483	163.521	1.374	4.53	10.219	5.345
3.079	56.621	3.178	115.017	226.477	62.378	1.485	3.508	7.138	3.722
2.621	57.374	3.06	95.556	166.465	53.736	1.628	3.345	6.819	3.735
15.619	248.207	6.439	1137.18	1492.483	288.07	1.47	4.299	11.612	6.056
13.281	132.317	4.678	502.431	459.5	110.512	1.493	3.665	9.542	4.964
5.688	70.392	3.315	192.071	219.66	71.091	1.734	3.166	7.773	4.089
7.502	79.44	3.509	243.879	254.084	79.832	1.735	3.212	8.138	4.21
17.776	185.28	5.548	861.298	770.68	167.018	1.478	3.965	10.68	5.329
6.96	100.014	4.342	285.705	303.58	95.093	1.794	4.003	8.757	4.597
6.78	77.328	3.286	193.482	186.117	68.344	1.898	3.16	7.77	4.176
8.783	116.207	4.714	344.904	384	109.183	1.706	4.043	9.014	4.725
7.51	79.595	3.505	244.222	254.084	79.832	1.735	3.219	8.135	3.844

IDDM	IDET	IDMT	IVDE	IVDM	HVcpx	HDcpx	Uindex	Vindex	Xindex
4.617	956.176	11802.09	1.541	4.546	2.999	1.691	51.009	0.312	0.472
4.547	1000.943	12313.72	1.563	4.475	3.441	1.669	67.017	0.356	0.564
4.433	678.032	7100.265	1.322	4.403	2.825	1.655	29.526	0.256	0.376
4.139	501.739	4987.937	1.436	4.086	3.13	1.584	41.87	0.364	0.574
4.616	1014.005	12318.25	1.743	4.522	3.203	1.684	51.48	0.293	0.452
4.36	635.908	6628.727	1.268	4.338	2.871	1.64	31.848	0.276	0.41
4.301	522.11	5029.081	1.458	4.245	2.7	1.628	25.849	0.282	0.406
5.183	2449.305	39178.52	1.772	5.093	3.435	1.789	64.323	0.193	0.299
4.219	515.706	5255.5	1.19	4.196	2.89	1.609	33.349	0.309	0.468
4.495	792.987	8884.294	1.236	4.474	2.998	1.665	31.565	0.226	0.34
4.222	483.098	4652.359	1.324	4.189	2.742	1.612	27.47	0.297	0.435
5.013	1871.594	27061.37	1.495	4.961	3.367	1.761	53.916	0.205	0.314
4.555	874.944	9753.563	1.483	4.504	3.033	1.677	33.562	0.236	0.352
4.555	909.488	10749.12	1.461	4.512	3.115	1.675	38.999	0.241	0.368
4.427	705.527	7617.048	1.395	4.392	2.896	1.654	34.085	0.275	0.409
4.432	686.744	7352.413	1.495	4.376	2.865	1.655	34.028	0.286	0.422
3.785	241.053	1900.16	1.379	3.74	2.586	1.51	21.26	0.357	0.527
4.495	775.255	8426.113	1.302	4.469	2.958	1.666	31.504	0.241	0.358
5.654	5061.418	102108.4	1.49	5.587	3.833	1.866	106.877	0.18	0.282
4.97	1804.158	25818.67	1.305	4.947	3.383	1.747	45.65	0.168	0.262
4.433	667.5	7046.408	1.143	4.418	2.791	1.657	29.454	0.259	0.378
4.296	539.439	5365.728	1.441	4.248	2.738	1.628	29.563	0.3	0.438
4.776	1425.271	19311.73	1.333	4.748	3.592	1.705	42.739	0.17	0.273
4.36	635.908	6628.727	1.268	4.338	2.871	1.64	31.848	0.276	0.41
4.366	652.339	6991.969	1.049	4.355	3	1.638	31.928	0.254	0.385
4.493	800.879	8674.96	1.538	4.428	3.043	1.664	36.564	0.274	0.409
4.546	894.892	10251.61	1.601	4.498	3.06	1.678	38.879	0.265	0.397
4.495	856.378	10297.67	1.51	4.433	3.184	1.66	45.165	0.268	0.421
4.364	581.283	5777.724	1.648	4.308	2.69	1.645	27.586	0.287	0.411
4.658	1171.937	14814.64	1.14	4.655	3.409	1.692	44.284	0.219	0.343
4.36	635.908	6628.727	1.268	4.338	2.871	1.64	31.848	0.276	0.41
3.976	303.888	2618.436	1.623	3.903	2.493	1.563	25.546	0.406	0.575
4.559	1007.106	12592.39	1.49	4.498	3.454	1.663	48.781	0.238	0.386
5.497	4096.145	79730.99	1.451	5.446	3.722	1.842	90.532	0.173	0.271
4.368	594.48	6176.432	1.51	4.305	2.731	1.644	31.707	0.3	0.438
4.872	1589.703	22182.11	1.58	4.788	3.459	1.733	68.906	0.28	0.436
4.356	610.401	6095.671	1.301	4.34	2.792	1.643	27.668	0.271	0.393
3.872	303.522	2645.255	1.706	3.753	2.723	1.535	53.92	0.741	1.114
4.726	1110.301	12813.49	1.912	4.606	3.055	1.709	39.871	0.258	0.379
4.292	624.907	6614.043	1.571	4.209	3.126	1.618	49.645	0.385	0.6
4.211	607.914	6463.918	1.403	4.168	3.401	1.594	46.071	0.322	0.523
3.672	206.591	1558.544	1.577	3.584	2.553	1.485	24.781	0.466	0.688
4.299	518.381	5084.801	1.188	4.278	2.678	1.63	25.787	0.277	0.399
4.612	884.079	9563.955	1.71	4.56	2.796	1.692	29.053	0.229	0.33
4.87	1454.81	19642.5	1.58	4.788	3.139	1.742	68.183	0.332	0.496
4.364	622.801	6449.115	1.418	4.322	2.866	1.641	31.792	0.284	0.42
4.222	483.098	4652.359	1.324	4.189	2.742	1.612	27.47	0.297	0.435
4.431	698.526	7334.007	1.322	4.403	2.927	1.653	29.595	0.246	0.364
4.226	445.135	4307.484	1.462	4.171	2.552	1.617	27.322	0.33	0.471

4.214	575.216	5983.01	1.403	4.168	3.218	1.601	45.664	0.358	0.565
4.665	1155.589	14842.08	1.412	4.625	3.332	1.692	54.98	0.269	0.423
4.498	688.034	7094.244	1.805	4.421	2.646	1.672	28.136	0.275	0.388
5.711	5572.485	117367.8	1.471	5.646	3.897	1.874	113.849	0.173	0.273
4.93	1788.744	26116.01	1.418	4.886	3.648	1.73	44.022	0.145	0.235
4.214	599.872	6352.711	1.524	4.149	3.329	1.594	46.068	0.328	0.532
4.872	1589.703	22182.11	1.58	4.788	3.459	1.733	68.906	0.28	0.436
4.67	1028.602	11589.44	1.909	4.56	3.067	1.698	37.772	0.255	0.376
4.67	1028.602	11589.44	1.909	4.56	3.067	1.698	37.772	0.255	0.376
4.289	575.931	5809.702	1.295	4.266	2.887	1.624	29.724	0.273	0.409
4.295	544.146	5495.865	1.441	4.248	2.756	1.628	29.586	0.293	0.43
3.676	210.792	1592.653	1.577	3.584	2.645	1.482	24.87	0.445	0.667
4.713	1263.801	16023.27	1.038	4.719	3.399	1.701	40.267	0.193	0.301
4.215	538.943	5274.341	1.324	4.189	3.002	1.602	27.89	0.254	0.389
4.496	790.984	9085.024	0.998	4.488	3.013	1.667	36.381	0.255	0.385
4.672	1001.238	11918.88	1.46	4.624	2.964	1.703	37.478	0.246	0.362
3.881	295.943	2396.587	1.806	3.781	2.693	1.529	23.652	0.346	0.518
4.142	478.488	4599.914	1.585	4.044	3.024	1.588	41.715	0.408	0.627
4.219	540.677	5458.208	1.384	4.178	3.042	1.604	33.643	0.294	0.454
4.297	589.235	6050.665	1.485	4.237	2.98	1.622	36.224	0.312	0.474
4.921	1705.438	24263.05	1.739	4.82	3.457	1.742	72.662	0.282	0.439
4.729	1162.16	14459.03	1.125	4.716	3.153	1.707	35.491	0.19	0.289
4.497	840.053	9703.177	1.731	4.407	3.144	1.66	45.173	0.289	0.447
4.669	1267.531	17498.97	1.553	4.611	3.66	1.682	55.549	0.214	0.354
3.967	312.887	2683.669	1.805	3.843	2.498	1.564	33.986	0.544	0.771
4.62	1021.344	12762.83	1.44	4.569	3.166	1.682	41.698	0.222	0.347
4.559	860.407	10383.25	1.555	4.483	2.942	1.679	47.828	0.314	0.474
4.428	691.478	7257.291	1.896	4.288	2.82	1.654	34.132	0.297	0.436
4.43	697.495	7500.896	1.395	4.392	2.866	1.655	34.055	0.279	0.414
4.371	675.385	7053.055	1.342	4.334	3.102	1.629	28.106	0.212	0.328
4.833	1390.068	18114.57	1.402	4.794	3.259	1.724	39.436	0.184	0.282
3.98	315.548	2592.068	0.954	3.971	2.627	1.555	19.317	0.29	0.419
4.496	771.146	8514.259	1.478	4.443	2.904	1.668	36.368	0.279	0.414
5.054	2227.139	35588.08	1.447	5.01	3.777	1.761	67.365	0.192	0.308
4.497	819.199	9075.647	1.478	4.443	3.116	1.661	36.672	0.256	0.389
4.783	1421.834	19389.77	1.264	4.757	3.586	1.703	38.032	0.147	0.237
4.36	702.343	7504.122	1.418	4.322	3.203	1.631	32.224	0.233	0.363
3.783	239.982	1849.392	1.724	3.698	2.532	1.511	21.265	0.376	0.549
5.403	3410.749	57024.15	1.743	5.313	3.59	1.821	58.038	0.144	0.222
4.67	1086.261	12871.82	1.513	4.611	3.195	1.695	37.912	0.221	0.336
4.37	548.205	5380.923	1.664	4.308	2.573	1.646	24.894	0.281	0.395
4.666	993.436	11047.34	1.689	4.619	2.909	1.701	30.689	0.219	0.319
4.559	957.669	11355.68	1.099	4.546	3.331	1.668	33.917	0.188	0.296
4.36	635.908	6628.727	1.268	4.338	2.871	1.64	31.848	0.276	0.41
5.256	2641.129	40972.45	1.676	5.161	3.391	1.804	60.857	0.194	0.293
4.42	794.25	9262.12	1.529	4.363	3.221	1.648	57.78	0.367	0.575
4.72	1189.876	14583.35	1.352	4.694	3.21	1.707	39.96	0.217	0.33
3.974	348.277	3059.346	1.805	3.843	2.775	1.552	34.493	0.437	0.659
4.365	769.606	9115.779	1.475	4.302	3.466	1.622	54.338	0.301	0.496
4.882	1660.307	23673.33	1.347	4.848	3.629	1.722	41.966	0.146	0.236

4.365	671.503	7089.796	1.545	4.294	3.08	1.635	39.145	0.308	0.47
4.429	773.644	8745.245	1.546	4.371	3.136	1.646	42.15	0.28	0.435
4.359	642.382	6728.969	1.418	4.322	2.911	1.639	31.893	0.272	0.407
5.017	2072.411	32449.09	1.65	4.94	3.705	1.75	81.198	0.24	0.387
5.47	3896.983	72348.04	1.519	5.4	3.781	1.836	104.925	0.212	0.333
3.783	232.399	1797.405	1.531	3.714	2.526	1.514	21.161	0.394	0.565
5.053	2256.712	36187.94	1.166	5.043	3.82	1.757	50.236	0.138	0.223
4.214	599.872	6352.711	1.524	4.149	3.329	1.594	46.068	0.328	0.532
3.786	208.757	1641.638	1.432	3.664	2.329	1.521	21.021	0.45	0.624
4.714	1288.143	16947.76	1.277	4.698	3.438	1.701	46.995	0.211	0.334
4.429	805.737	9200.74	1.435	4.382	3.309	1.641	42.46	0.26	0.414
4.546	894.892	10251.61	1.601	4.498	3.06	1.678	38.879	0.265	0.397
5.677	4867.544	93819.35	1.771	5.536	3.452	1.875	132.277	0.266	0.401
5.219	2497.291	37926.25	1.667	5.12	3.385	1.797	58.54	0.195	0.294
4.288	561.282	5599.806	1.076	4.283	2.831	1.627	29.607	0.286	0.423
4.777	1191.543	13962.73	1.944	4.643	3.052	1.72	42.044	0.264	0.387
4.216	522.578	5309.534	1.19	4.196	2.918	1.609	33.353	0.308	0.466
5.137	2175.679	33298.51	1.3	5.112	3.264	1.789	61.14	0.22	0.33
4.883	1668.646	24171.3	1.347	4.848	3.62	1.721	42.012	0.142	0.231
3.292	91.695	578.105	1.846	3.146	2.078	1.401	16.374	0.641	0.854
4.427	705.817	7314.485	1.544	4.36	2.957	1.653	34.15	0.291	0.43
4.433	630.598	6332.712	1.65	4.377	2.667	1.659	26.522	0.27	0.383
4.609	979.934	11420.36	1.554	4.541	3.137	1.688	41.385	0.266	0.399
5.587	5346.177	119487.2	1.435	5.551	4.266	1.839	71.499	0.091	0.152
5.139	2546.831	42292.7	1.463	5.103	3.798	1.771	54.772	0.138	0.223
3.975	331.103	2800.036	1.561	3.895	2.698	1.556	25.788	0.365	0.535
5.015	2118.48	33553.05	1.556	4.943	3.801	1.748	64.688	0.182	0.297
4.06	375.167	3441.267	1.261	4.03	2.676	1.579	28.045	0.354	0.518
4.951	1828.014	26118.86	1.477	4.918	3.491	1.752	60.8	0.236	0.363
4.553	788.329	8305.745	1.784	4.485	2.748	1.683	29.888	0.263	0.375
5.095	2249.253	34871.04	1.54	5.033	3.541	1.772	70.25	0.219	0.343
4.617	859.597	10335.92	1.569	4.517	2.713	1.697	50.628	0.377	0.547
4.67	1000.682	12184.72	1.577	4.578	2.918	1.705	54.068	0.354	0.522
4.288	561.282	5599.806	1.076	4.283	2.831	1.627	29.607	0.286	0.423
5.427	3773.452	66535.03	1.502	5.374	3.8	1.826	65.953	0.145	0.226
5.009	1921.457	28493.56	1.731	4.907	3.396	1.761	80.145	0.292	0.45
4.436	754.792	8231.97	1.437	4.388	3.131	1.645	29.961	0.207	0.321
3.779	265.5	2118.236	1.414	3.726	2.868	1.506	27.979	0.41	0.628
4.294	575.062	5669.099	1.441	4.248	2.96	1.623	29.763	0.279	0.417
4.78	1443.151	20092.36	1.598	4.719	3.592	1.704	50.093	0.189	0.306
3.886	268.134	2131.136	1.231	3.859	2.568	1.537	19.787	0.336	0.482
4.366	618.069	6022.314	1.819	4.282	2.862	1.638	27.845	0.268	0.392
4.676	1218.327	16122.17	1.239	4.65	3.549	1.681	38.477	0.16	0.261
4.289	578.308	5837.313	1.619	4.225	2.893	1.626	36.067	0.334	0.498
5.883	6578.811	128362	1.81	5.796	3.531	1.905	80.946	0.145	0.216
5.81	5964.143	113710.9	1.742	5.731	3.551	1.893	75.062	0.141	0.211
3.452	103.517	700.997	1.617	3.383	2.029	1.435	13.212	0.452	0.607
4.148	398.1	3698.164	1.352	4.109	2.552	1.599	25.321	0.327	0.468
4.827	1293.864	16494.45	1.556	4.756	3.047	1.733	51.672	0.287	0.423
5.649	4690.179	89629.05	1.761	5.505	3.455	1.87	128.161	0.262	0.396

5.362	3185.701	52111.36	1.479	5.311	3.513	1.82	55.702	0.152	0.231
4.672	1235.78	16377.55	1.542	4.619	3.649	1.682	44.833	0.185	0.303
5.051	2264.788	35570.76	1.221	5.041	3.899	1.755	45.462	0.127	0.205
5.465	3971.02	75745.25	1.541	5.413	3.814	1.834	76.144	0.147	0.233
3.554	168.554	1208.773	1.459	3.413	2.55	1.462	36.637	0.834	1.206
4.612	884.079	9563.955	1.71	4.56	2.796	1.692	29.053	0.229	0.33
5.295	2905.573	50755.98	1.629	5.228	3.485	1.809	72.483	0.184	0.286
5.923	7498.619	157713.2	1.803	5.835	3.736	1.911	100.608	0.15	0.228
4.289	613.852	6301.602	1.734	4.207	3.079	1.619	36.381	0.302	0.463
5.101	2393.333	39478.58	1.544	5.047	3.735	1.762	59.975	0.154	0.251
4.492	790.369	8851.256	1.538	4.428	2.973	1.666	36.426	0.269	0.402
5.1	2180.128	34354.88	1.608	5.037	3.472	1.777	69.801	0.221	0.342
4.782	1466.242	20762.5	1.299	4.752	3.659	1.7	42.97	0.152	0.249
4.216	515.287	5183.258	1.384	4.178	2.876	1.61	33.319	0.318	0.478
4.063	454.901	4527.652	1.29	4.021	3.161	1.559	38.547	0.32	0.522
5.751	6726.679	152666.9	1.77	5.671	4.273	1.867	78.222	0.093	0.152
4.822	1356.42	17591.59	1.519	4.768	3.164	1.731	51.773	0.265	0.396
4.728	1270.939	16542.1	1.481	4.685	3.429	1.699	40.302	0.18	0.286
4.061	409.989	3820.76	1.566	3.976	2.879	1.571	38.017	0.412	0.631
5.058	2068.805	30756.13	1.567	5.003	3.436	1.764	56.715	0.192	0.298
3.783	232.399	1797.405	1.531	3.714	2.526	1.514	21.161	0.394	0.565
4.777	1384.981	18203.28	1.432	4.736	3.501	1.708	42.605	0.184	0.29
4.219	560.96	5677.292	1.384	4.178	3.12	1.599	33.819	0.277	0.435
5.612	5147.605	108020.6	1.457	5.564	3.978	1.859	103.789	0.161	0.256
5.588	4755.404	94943.15	1.591	5.527	3.831	1.855	86.9	0.151	0.237
5.859	6365.55	123031.2	1.819	5.771	3.534	1.901	78.957	0.144	0.215
4.22	464.767	4473.521	1.457	4.178	2.627	1.616	27.35	0.32	0.459
4.557	901.74	10141.02	1.406	4.518	3.18	1.673	33.718	0.222	0.337
4.555	895.576	9986.899	1.406	4.518	3.155	1.674	33.687	0.228	0.344
4.289	575.931	5809.702	1.295	4.266	2.887	1.624	29.724	0.273	0.409
4.616	1060.05	13007.62	1.673	4.546	3.342	1.679	41.858	0.217	0.342
4.295	561.997	5325.725	1.675	4.235	2.88	1.622	26.079	0.261	0.385
4.36	635.908	6628.727	1.268	4.338	2.871	1.64	31.848	0.276	0.41
4.67	1028.602	11589.44	1.909	4.56	3.067	1.698	37.772	0.255	0.376
5.05	2120.09	32342.34	1.508	4.999	3.524	1.764	67.139	0.217	0.34
4.495	799.39	8672.515	1.72	4.418	3.032	1.663	36.617	0.271	0.407
4.558	953.515	11149.61	1.528	4.493	3.325	1.668	39.37	0.228	0.356
5.058	2068.805	30756.13	1.567	5.003	3.436	1.764	56.715	0.192	0.298
4.614	958.223	10928.54	1.55	4.527	3.05	1.688	41.403	0.278	0.415
4.494	783.182	8169.229	1.837	4.407	2.996	1.662	31.704	0.254	0.376
4.426	788.143	8643.834	1.395	4.392	3.297	1.643	34.565	0.231	0.36
4.768	1348.987	17825.08	1.255	4.752	3.332	1.715	49.443	0.227	0.352
5.017	2072.411	32449.09	1.65	4.94	3.705	1.75	81.198	0.24	0.387
4.359	642.382	6728.969	1.418	4.322	2.911	1.639	31.893	0.272	0.407
4.495	775.255	8426.113	1.302	4.469	2.958	1.666	31.504	0.241	0.358
3.785	241.053	1900.16	1.379	3.74	2.586	1.51	21.26	0.357	0.527
5.053	2256.712	36187.94	1.166	5.043	3.82	1.757	50.236	0.138	0.223
4.429	805.737	9200.74	1.435	4.382	3.309	1.641	42.46	0.26	0.414
4.366	618.069	6022.314	1.819	4.282	2.862	1.638	27.845	0.268	0.392
4.822	1356.42	17591.59	1.519	4.768	3.164	1.731	51.773	0.265	0.396

4.288	561.282	5599.806	1.076	4.283	2.831	1.627	29.607	0.286	0.423
4.612	948.036	10459.69	1.842	4.521	3.056	1.687	35.684	0.252	0.373
5.859	6365.55	123031.2	1.819	5.771	3.534	1.901	78.957	0.144	0.215
4.433	715.789	7549.168	1.742	4.35	2.963	1.65	34.295	0.274	0.411
5.101	2393.333	39478.58	1.544	5.047	3.735	1.762	59.975	0.154	0.251
4.365	769.606	9115.779	1.475	4.302	3.466	1.622	54.338	0.301	0.496
4.67	1028.602	11589.44	1.909	4.56	3.067	1.698	37.772	0.255	0.376
5.256	2641.129	40972.45	1.676	5.161	3.391	1.804	60.857	0.194	0.293
4.493	800.879	8674.96	1.538	4.428	3.043	1.664	36.564	0.274	0.409
5.649	4690.179	89629.05	1.761	5.505	3.455	1.87	128.161	0.262	0.396
5.751	6726.679	152666.9	1.77	5.671	4.273	1.867	78.222	0.093	0.152
4.214	599.872	6352.711	1.524	4.149	3.329	1.594	46.068	0.328	0.532
4.063	454.901	4527.652	1.29	4.021	3.161	1.559	38.547	0.32	0.522
6.401	15347.59	433565.9	1.464	6.25	4.215	1.976	582.739	0.44	0.689
5.363	3155.494	51306.55	1.479	5.311	3.486	1.821	55.663	0.155	0.234
4.493	800.879	8674.96	1.538	4.428	3.043	1.664	36.564	0.274	0.409
4.669	1043.998	12068.23	1.526	4.598	3.079	1.699	37.688	0.242	0.36
5.923	7498.619	157713.2	1.803	5.835	3.736	1.911	100.608	0.15	0.228
5.016	2113.664	33555.76	1.556	4.943	3.763	1.748	64.682	0.182	0.297
4.495	799.537	8663.703	1.762	4.403	3.026	1.663	36.634	0.272	0.408
5.139	2546.831	42292.7	1.463	5.103	3.798	1.771	54.772	0.138	0.223
4.668	1046.323	12073.05	1.526	4.598	3.091	1.699	37.706	0.242	0.36



Yindex	IC0	TIC0	SIC0	CIC0	BIC0	IC1	TIC1	SIC1	CIC1
0.915	1.277	71.524	0.22	4.53	0.214	3.004	168.218	0.517	2.803
0.957	1.476	76.758	0.259	4.224	0.253	3.463	180.051	0.607	2.238
0.794	1.541	53.932	0.3	3.588	0.277	3.255	113.915	0.635	1.875
0.982	1.342	55.014	0.25	4.016	0.244	3.334	136.705	0.622	2.023
0.827	1.65	85.799	0.289	4.05	0.28	3.439	178.806	0.603	2.262
0.826	1.13	49.735	0.207	4.329	0.197	2.81	123.628	0.515	2.65
0.899	1.399	51.776	0.269	3.81	0.253	3.285	121.556	0.631	1.924
0.546	1.915	111.076	0.327	3.943	0.314	3.93	227.931	0.671	1.928
0.899	1.279	51.152	0.24	4.043	0.23	2.894	115.765	0.544	2.428
0.667	1.217	63.303	0.214	4.483	0.207	2.859	148.658	0.502	2.842
0.916	1.71	49.604	0.352	3.147	0.324	3.577	103.72	0.736	1.281
0.591	1.435	100.479	0.234	4.694	0.226	3.543	248.038	0.578	2.586
0.705	1.724	72.422	0.32	3.668	0.304	3.753	157.617	0.696	1.64
0.688	1.355	67.743	0.24	4.289	0.231	2.978	148.892	0.528	2.666
0.826	1.342	60.381	0.244	4.15	0.234	2.974	133.83	0.542	2.518
0.874	1.833	58.668	0.367	3.167	0.336	3.522	112.697	0.704	1.478
1.071	1.749	40.228	0.387	2.775	0.364	3.501	80.532	0.774	1.022
0.729	1.493	62.708	0.277	3.899	0.262	3.312	139.121	0.614	2.08
0.498	1.572	147.771	0.24	4.983	0.23	3.658	343.831	0.558	2.897
0.467	1.344	83.348	0.226	4.61	0.215	3.187	197.591	0.535	2.767
0.81	1.372	56.238	0.256	3.986	0.242	3.354	137.521	0.626	2.003
0.932	1.587	52.359	0.315	3.458	0.292	3.177	104.855	0.63	1.867
0.45	1.347	76.799	0.231	4.486	0.222	3.163	180.309	0.542	2.67
0.826	1.274	53.528	0.236	4.118	0.225	3.022	126.929	0.56	2.37
0.734	1.428	57.108	0.268	3.894	0.253	3.128	125.129	0.588	2.194
0.814	1.801	72.032	0.338	3.521	0.322	3.679	147.162	0.691	1.643
0.786	1.477	66.456	0.269	4.015	0.255	3.239	145.773	0.59	2.252
0.734	1.735	72.854	0.322	3.658	0.307	3.55	149.119	0.658	1.842
0.933	1.428	59.997	0.265	3.964	0.254	3.392	142.477	0.629	2
0.601	1.49	78.959	0.26	4.238	0.251	2.956	156.67	0.516	2.772
0.826	1.209	54.384	0.22	4.283	0.211	2.781	125.133	0.506	2.711
1.336	1.497	47.894	0.299	3.503	0.287	3.162	101.191	0.632	1.838
0.621	1.47	70.574	0.263	4.115	0.253	3.61	173.27	0.646	1.975
0.477	1.444	135.694	0.22	5.111	0.213	3.511	330.075	0.536	3.043
0.937	1.799	55.757	0.363	3.156	0.336	3.493	108.277	0.705	1.461
0.779	1.308	88.977	0.215	4.779	0.211	3.001	204.073	0.493	3.086
0.854	1.13	49.735	0.207	4.329	0.197	2.793	122.912	0.512	2.666
2.152	1.602	52.877	0.318	3.442	0.315	2.762	91.162	0.548	2.282
0.795	1.325	75.551	0.227	4.507	0.221	3.275	186.661	0.561	2.558
1.058	1.626	68.312	0.302	3.766	0.294	3.291	138.236	0.61	2.101
0.827	1.381	60.76	0.253	4.079	0.249	3.171	139.504	0.581	2.289
1.385	1.322	39.666	0.269	3.585	0.262	2.956	88.677	0.602	1.951
0.88	1.312	51.178	0.248	3.973	0.235	3.037	118.44	0.575	2.248
0.739	1.382	69.103	0.245	4.262	0.235	3.47	173.482	0.615	2.174
0.996	1.591	89.11	0.274	4.216	0.263	3.553	198.973	0.612	2.254
0.866	1.682	53.833	0.336	3.318	0.308	3.25	104	0.65	1.75
0.916	1.618	48.55	0.33	3.289	0.304	3.174	95.207	0.647	1.733
0.745	1.489	62.552	0.276	3.903	0.262	3.38	141.955	0.627	2.012
1.069	1.547	47.957	0.312	3.407	0.289	3.148	97.58	0.635	1.806

0.962	1.407	59.077	0.261	3.986	0.255	3.322	139.523	0.616	2.07
0.735	1.334	76.032	0.229	4.499	0.222	3.08	175.549	0.528	2.753
0.922	1.475	64.918	0.27	3.984	0.259	3.435	151.156	0.629	2.024
0.474	1.58	154.839	0.239	5.035	0.23	3.694	362.01	0.558	2.921
0.382	1.631	94.584	0.278	4.227	0.266	3.624	210.211	0.619	2.234
0.848	1.5	61.494	0.28	3.858	0.273	3.44	141.056	0.642	1.917
0.779	1.35	89.119	0.223	4.694	0.22	3.162	208.665	0.523	2.883
0.782	1.339	72.31	0.233	4.416	0.226	3.327	179.637	0.578	2.428
0.782	1.353	70.363	0.237	4.347	0.229	3.383	175.92	0.593	2.317
0.811	1.374	54.952	0.258	3.948	0.246	2.846	113.858	0.535	2.475
0.901	1.374	54.952	0.258	3.948	0.246	2.896	115.858	0.544	2.425
1.288	1.599	41.576	0.34	3.101	0.326	2.959	76.927	0.629	1.742
0.531	1.564	81.333	0.274	4.136	0.263	3.193	166.058	0.56	2.507
0.715	1.366	54.638	0.257	3.956	0.247	3.058	122.309	0.575	2.264
0.751	1.404	64.576	0.254	4.12	0.244	3.063	140.92	0.555	2.46
0.756	1.508	64.849	0.278	3.918	0.259	3.632	156.194	0.669	1.794
1.01	2.204	44.074	0.51	2.118	0.469	3.509	70.174	0.812	0.813
1.149	1.437	57.467	0.27	3.885	0.263	2.877	115.064	0.541	2.445
0.821	1.332	57.29	0.246	4.094	0.239	2.945	126.626	0.543	2.481
0.9	1.313	60.386	0.238	4.211	0.231	2.88	132.467	0.521	2.644
0.787	1.298	92.149	0.211	4.852	0.208	3.006	213.42	0.489	3.144
0.552	1.384	73.326	0.242	4.344	0.231	3.062	162.279	0.535	2.666
0.81	1.711	78.684	0.31	3.813	0.299	3.513	161.577	0.636	2.011
0.543	1.435	84.663	0.244	4.448	0.239	3.286	193.86	0.559	2.597
1.783	1.643	55.861	0.323	3.444	0.315	2.69	91.464	0.529	2.397
0.61	1.513	75.658	0.268	4.131	0.257	3.422	171.118	0.606	2.222
0.923	1.205	66.287	0.208	4.576	0.202	2.857	157.112	0.494	2.925
0.917	1.723	74.071	0.317	3.704	0.31	2.733	117.499	0.504	2.694
0.844	1.196	57.428	0.214	4.389	0.206	2.813	135.02	0.504	2.772
0.594	1.457	59.734	0.272	3.901	0.258	3.335	136.747	0.623	2.022
0.526	1.339	79.018	0.228	4.543	0.219	3.024	178.417	0.514	2.859
0.902	1.376	39.915	0.283	3.482	0.263	3.272	94.881	0.673	1.586
0.849	1.37	53.42	0.259	3.916	0.243	3.373	131.562	0.638	1.912
0.509	1.575	108.705	0.258	4.533	0.251	3.609	249.012	0.591	2.5
0.739	1.572	59.721	0.299	3.676	0.277	3.741	142.16	0.713	1.507
0.383	1.687	82.643	0.3	3.928	0.283	3.616	177.189	0.644	1.999
0.645	1.512	63.484	0.28	3.881	0.268	3.503	147.119	0.65	1.889
1.149	1.971	43.353	0.442	2.489	0.402	3.459	76.108	0.776	1
0.41	1.603	133.032	0.251	4.772	0.242	3.827	317.644	0.6	2.548
0.641	1.438	76.204	0.251	4.29	0.241	3.751	198.777	0.655	1.977
0.944	1.448	57.925	0.272	3.874	0.259	3.669	146.771	0.689	1.653
0.693	1.414	74.959	0.247	4.314	0.238	3.23	171.208	0.564	2.498
0.513	1.553	68.311	0.284	3.907	0.271	3.327	146.383	0.609	2.133
0.826	1.138	47.8	0.211	4.254	0.2	2.838	119.204	0.526	2.554
0.576	1.568	106.63	0.258	4.519	0.247	4.057	275.853	0.666	2.031
1.008	1.715	73.732	0.316	3.712	0.309	3.441	147.971	0.634	1.985
0.63	1.521	76.043	0.269	4.123	0.256	3.472	173.587	0.615	2.172
1.258	1.48	51.795	0.289	3.649	0.28	2.805	98.167	0.547	2.325
0.757	1.729	74.361	0.319	3.697	0.309	3.357	144.333	0.619	2.07
0.384	1.58	90.051	0.271	4.253	0.259	3.42	194.926	0.586	2.413

0.879	1.667	65.014	0.315	3.618	0.302	3.412	133.057	0.646	1.874
0.775	1.589	63.577	0.299	3.733	0.286	3.127	125.064	0.587	2.195
0.809	1.517	60.68	0.285	3.805	0.272	3.064	122.555	0.576	2.258
0.629	1.392	98.829	0.226	4.758	0.22	3.009	213.613	0.489	3.141
0.583	1.632	137.105	0.255	4.76	0.247	3.623	304.373	0.567	2.769
1.241	1.505	39.138	0.32	3.195	0.301	3.061	79.582	0.651	1.64
0.359	1.466	95.268	0.243	4.557	0.232	3.409	221.601	0.566	2.613
0.848	1.5	61.494	0.28	3.858	0.273	3.502	143.602	0.654	1.855
1.511	1.784	42.82	0.389	2.801	0.365	3.031	72.755	0.661	1.554
0.574	1.564	81.333	0.274	4.136	0.264	3.176	165.151	0.557	2.524
0.696	1.376	66.053	0.246	4.209	0.239	3.136	150.52	0.561	2.449
0.786	1.477	66.456	0.269	4.015	0.255	3.239	145.773	0.59	2.252
0.789	1.39	168.167	0.201	5.529	0.2	2.74	331.49	0.396	4.179
0.577	1.551	103.945	0.256	4.515	0.245	4.014	268.97	0.662	2.052
0.871	1.222	51.311	0.227	4.171	0.216	2.914	122.372	0.54	2.479
0.827	1.436	81.876	0.246	4.396	0.239	3.437	195.904	0.589	2.396
0.892	1.279	51.152	0.24	4.043	0.23	2.61	104.385	0.49	2.712
0.658	1.578	119.926	0.253	4.67	0.247	2.674	203.215	0.428	3.574
0.371	1.648	89.008	0.286	4.107	0.273	3.372	182.103	0.586	2.383
2.27	1.549	32.533	0.353	2.843	0.342	2.525	53.019	0.575	1.868
0.885	1.797	64.701	0.348	3.373	0.326	3.837	138.143	0.742	1.333
0.894	1.425	61.277	0.263	4.001	0.251	3.224	138.619	0.594	2.203
0.788	1.633	66.949	0.305	3.725	0.285	3.765	154.357	0.703	1.593
0.228	1.696	147.59	0.263	4.747	0.252	3.802	330.776	0.59	2.641
0.361	1.706	109.183	0.284	4.294	0.272	3.663	234.461	0.611	2.337
1.114	1.837	42.251	0.406	2.687	0.374	3.414	78.532	0.755	1.109
0.473	1.779	97.819	0.308	4.003	0.292	4.232	232.781	0.732	1.549
1.092	1.392	50.104	0.269	3.778	0.26	3.057	110.037	0.591	2.113
0.671	1.637	98.19	0.277	4.27	0.267	3.615	216.904	0.612	2.292
0.863	1.471	66.184	0.268	4.021	0.256	3.783	170.221	0.689	1.709
0.607	1.573	100.643	0.262	4.427	0.25	3.597	230.231	0.6	2.403
1.204	1.658	71.274	0.305	3.769	0.289	3.563	153.224	0.657	1.863
1.095	1.632	75.077	0.295	3.891	0.281	3.597	165.481	0.651	1.926
0.871	1.139	46.71	0.213	4.218	0.202	2.935	120.322	0.548	2.423
0.402	1.513	127.083	0.237	4.879	0.228	3.473	291.742	0.543	2.919
0.83	1.784	108.797	0.301	4.147	0.289	3.98	242.8	0.671	1.95
0.58	1.479	63.604	0.273	3.947	0.262	3.32	142.752	0.612	2.106
1.151	1.161	35.988	0.234	3.793	0.225	2.978	92.307	0.601	1.977
0.833	1.399	51.776	0.269	3.81	0.255	3.085	114.163	0.592	2.124
0.491	1.869	78.506	0.347	3.523	0.32	3.457	145.204	0.641	1.935
1.061	1.292	37.473	0.266	3.566	0.249	3.272	94.881	0.673	1.586
0.828	1.18	57.804	0.21	4.435	0.205	2.625	128.645	0.468	2.989
0.411	1.597	79.833	0.283	4.047	0.27	3.533	176.625	0.626	2.111
0.998	1.302	61.197	0.234	4.253	0.23	2.837	133.349	0.511	2.717
0.442	1.509	175.011	0.22	5.349	0.213	3.857	447.397	0.562	3.001
0.424	1.48	164.283	0.218	5.314	0.21	3.84	426.282	0.565	2.954
1.567	1.139	31.9	0.237	3.668	0.232	1.919	53.738	0.399	2.888
1.053	1.453	43.584	0.296	3.454	0.273	2.733	81.987	0.557	2.174
0.882	1.501	81.05	0.261	4.254	0.25	3.497	188.816	0.608	2.258
0.774	1.397	164.868	0.203	5.485	0.202	2.775	327.434	0.403	4.108

0.444	1.493	110.512	0.241	4.716	0.232	3.658	270.674	0.589	2.552
0.477	1.568	76.84	0.279	4.047	0.268	3.353	164.308	0.597	2.261
0.332	1.462	90.662	0.246	4.492	0.231	3.496	216.722	0.587	2.459
0.403	1.45	133.375	0.222	5.074	0.215	3.522	324.047	0.54	3.001
2.557	1.457	37.889	0.31	3.243	0.314	2.2	57.192	0.468	2.501
0.739	1.45	69.598	0.26	4.135	0.249	3.445	165.368	0.617	2.14
0.518	1.47	124.91	0.229	4.94	0.223	3.553	301.969	0.554	2.857
0.438	1.478	167.018	0.217	5.342	0.209	3.8	429.434	0.557	3.02
0.852	1.643	67.363	0.307	3.715	0.293	3.355	137.547	0.626	2.003
0.4	1.226	93.183	0.196	5.022	0.19	2.929	222.63	0.469	3.319
0.805	1.421	62.511	0.26	4.039	0.246	3.313	145.751	0.607	2.147
0.621	1.617	113.164	0.264	4.513	0.255	3.702	259.129	0.604	2.427
0.385	1.486	87.648	0.253	4.397	0.245	2.825	166.696	0.48	3.057
0.937	1.387	52.711	0.264	3.861	0.253	3.045	115.716	0.58	2.203
0.817	1.628	53.736	0.323	3.416	0.309	3.597	118.691	0.713	1.448
0.239	1.374	163.521	0.199	5.521	0.196	2.876	342.252	0.417	4.019
0.79	1.594	87.656	0.276	4.188	0.265	3.398	186.916	0.588	2.383
0.488	1.495	79.261	0.261	4.232	0.247	3.378	179.051	0.59	2.35
1.167	1.352	52.72	0.256	3.934	0.249	2.912	113.562	0.551	2.374
0.535	1.419	95.082	0.234	4.647	0.224	3.112	208.499	0.513	2.954
1.241	1.505	39.138	0.32	3.195	0.301	3.061	79.582	0.651	1.64
0.499	1.685	82.562	0.3	3.93	0.284	3.719	182.208	0.662	1.896
0.751	1.366	54.638	0.257	3.956	0.247	3.164	126.555	0.594	2.158
0.435	1.615	158.294	0.244	4.999	0.236	3.888	381.072	0.588	2.726
0.415	1.491	147.573	0.225	5.139	0.218	3.639	360.25	0.549	2.99
0.438	1.483	173.457	0.216	5.388	0.209	3.783	442.628	0.551	3.087
1.035	1.547	47.957	0.312	3.407	0.289	2.617	81.142	0.528	2.337
0.645	1.408	67.601	0.252	4.177	0.241	3.614	173.475	0.647	1.971
0.669	1.4	68.586	0.249	4.215	0.238	3.688	180.714	0.657	1.927
0.811	1.364	55.934	0.255	3.993	0.243	2.991	122.64	0.558	2.366
0.592	1.983	77.318	0.375	3.303	0.351	3.913	152.605	0.74	1.372
0.794	1.207	53.117	0.221	4.252	0.214	3.009	132.385	0.551	2.451
0.826	1.202	55.277	0.218	4.322	0.209	2.915	134.084	0.528	2.609
0.782	1.324	74.157	0.228	4.483	0.222	3.056	171.126	0.526	2.752
0.6	1.584	98.193	0.266	4.37	0.253	3.711	230.102	0.623	2.243
0.802	1.851	66.653	0.358	3.318	0.332	3.77	135.711	0.729	1.4
0.626	1.712	73.622	0.316	3.714	0.298	3.611	155.272	0.665	1.815
0.535	1.413	96.092	0.232	4.674	0.223	3.177	216.018	0.522	2.911
0.837	1.771	79.698	0.322	3.721	0.309	3.773	169.775	0.687	1.719
0.77	1.172	62.134	0.205	4.556	0.199	2.574	136.434	0.449	3.154
0.637	1.655	57.909	0.323	3.475	0.298	3.451	120.77	0.673	1.679
0.636	1.213	70.345	0.207	4.645	0.198	2.893	167.799	0.494	2.965
0.629	1.385	99.722	0.224	4.785	0.218	3.072	221.215	0.498	3.097
0.809	1.506	61.734	0.281	3.852	0.268	3.203	131.337	0.598	2.154
0.729	1.484	63.832	0.274	3.942	0.259	3.488	149.973	0.643	1.939
1.071	1.749	40.228	0.387	2.775	0.364	3.327	76.532	0.736	1.196
0.359	1.459	96.324	0.241	4.585	0.23	3.471	229.077	0.574	2.574
0.696	1.366	66.925	0.243	4.249	0.236	3.216	157.563	0.573	2.399
0.828	1.18	57.804	0.21	4.435	0.205	2.625	128.645	0.468	2.989
0.79	1.584	88.722	0.273	4.223	0.262	3.503	196.153	0.603	2.305

0.871	1.215	52.229	0.224	4.212	0.214	3.005	129.224	0.554	2.421
0.769	1.282	70.529	0.222	4.499	0.216	2.968	163.228	0.513	2.814
0.438	1.478	174.463	0.215	5.404	0.208	3.866	456.192	0.562	3.017
0.813	1.986	65.551	0.394	3.058	0.363	4.127	136.2	0.818	0.917
0.4	1.222	94.065	0.195	5.045	0.189	2.991	230.33	0.477	3.275
0.757	1.712	75.312	0.314	3.748	0.304	3.499	153.973	0.641	1.96
0.782	1.339	72.31	0.233	4.416	0.226	3.327	179.637	0.578	2.428
0.576	1.568	106.63	0.258	4.519	0.247	4.057	275.853	0.666	2.031
0.814	1.801	72.032	0.338	3.521	0.322	3.75	150.017	0.705	1.572
0.774	1.392	165.68	0.202	5.503	0.201	2.822	335.765	0.409	4.073
0.239	1.374	163.521	0.199	5.521	0.196	2.876	342.252	0.417	4.019
0.848	1.485	62.378	0.275	3.907	0.269	3.599	151.174	0.668	1.793
0.817	1.628	53.736	0.323	3.416	0.309	3.536	116.691	0.701	1.508
1.214	1.47	288.07	0.193	6.145	0.191	2.713	531.747	0.356	4.902
0.456	1.493	110.512	0.241	4.716	0.232	3.658	270.674	0.589	2.552
0.814	1.734	71.091	0.324	3.624	0.309	3.708	152.044	0.692	1.649
0.732	1.735	79.832	0.314	3.788	0.3	3.736	171.842	0.676	1.788
0.438	1.478	167.018	0.217	5.342	0.209	3.8	429.434	0.557	3.02
0.473	1.794	95.093	0.313	3.934	0.296	4.158	220.386	0.726	1.57
0.805	1.898	68.344	0.367	3.271	0.341	4.039	145.388	0.781	1.131
0.361	1.706	109.183	0.284	4.294	0.272	3.663	234.461	0.611	2.337
0.731	1.735	79.832	0.314	3.788	0.3	3.796	174.597	0.687	1.728

BIC1	IC2	TIC2	SIC2	CIC2	BIC2	IC3	TIC3	SIC3	CIC3
0.503	4.119	230.683	0.709	1.688	0.689	4.476	250.683	0.771	1.331
0.594	4.777	248.384	0.838	0.924	0.819	5.027	261.403	0.882	0.673
0.584	4	140.015	0.78	1.129	0.718	4.629	162.015	0.902	0.5
0.607	4.491	184.15	0.838	0.866	0.818	4.687	192.15	0.875	0.671
0.585	4.705	244.648	0.825	0.996	0.8	5.118	266.158	0.898	0.582
0.491	3.709	163.195	0.679	1.75	0.648	4.198	184.705	0.769	1.262
0.595	4.335	160.385	0.832	0.875	0.785	4.811	177.995	0.923	0.399
0.643	4.846	281.092	0.827	1.012	0.793	5.082	294.743	0.867	0.776
0.521	3.862	154.474	0.726	1.46	0.695	4.406	176.248	0.828	0.916
0.486	3.976	206.774	0.698	1.724	0.676	4.772	248.158	0.837	0.928
0.677	4.254	123.372	0.876	0.604	0.805	4.789	138.881	0.986	0.069
0.559	5.172	362.03	0.844	0.957	0.816	5.554	388.785	0.906	0.575
0.662	4.44	186.477	0.823	0.952	0.783	4.678	196.477	0.868	0.714
0.508	4.158	207.889	0.737	1.486	0.71	4.759	237.928	0.843	0.885
0.519	4.044	181.972	0.736	1.448	0.706	4.614	207.624	0.84	0.878
0.645	4.136	132.349	0.827	0.864	0.758	4.75	152	0.95	0.25
0.728	3.882	89.287	0.858	0.642	0.808	4.002	92.042	0.885	0.522
0.581	4.049	170.071	0.751	1.343	0.71	4.708	197.722	0.873	0.685
0.536	4.851	456.012	0.74	1.703	0.711	5.659	531.992	0.863	0.895
0.51	4.233	262.425	0.711	1.722	0.677	4.936	306.041	0.829	1.018
0.591	4.148	170.05	0.774	1.21	0.731	4.675	191.66	0.873	0.683
0.586	3.908	128.955	0.775	1.137	0.72	4.514	148.955	0.895	0.531
0.521	4.439	253.049	0.761	1.393	0.732	4.846	276.21	0.831	0.987
0.533	4.023	168.968	0.746	1.369	0.709	4.547	190.968	0.843	0.845
0.554	4.152	166.083	0.78	1.17	0.736	4.765	190.613	0.895	0.557
0.659	4.273	170.903	0.803	1.049	0.765	4.653	186.122	0.874	0.669
0.56	4.249	191.217	0.774	1.243	0.735	4.686	210.869	0.853	0.806
0.629	4.452	186.968	0.826	0.941	0.789	4.452	186.968	0.826	0.941
0.604	4.785	200.968	0.887	0.607	0.852	4.975	208.968	0.923	0.417
0.498	3.803	201.567	0.664	1.925	0.641	4.582	242.825	0.8	1.146
0.485	3.769	169.624	0.686	1.722	0.658	4.214	189.624	0.767	1.278
0.607	3.992	127.735	0.798	1.008	0.766	4.539	145.245	0.908	0.461
0.622	4.621	221.814	0.827	0.964	0.796	5.038	241.814	0.902	0.547
0.519	4.841	455.09	0.739	1.713	0.715	5.34	501.951	0.815	1.215
0.652	4.127	127.929	0.833	0.827	0.77	4.825	149.58	0.974	0.129
0.485	4.562	310.199	0.749	1.526	0.737	5.392	366.663	0.886	0.695
0.488	3.715	163.46	0.68	1.744	0.649	4.306	189.46	0.789	1.154
0.543	3.544	116.955	0.703	1.5	0.697	3.847	126.955	0.763	1.197
0.546	4.674	266.436	0.801	1.159	0.779	5.407	308.21	0.927	0.426
0.596	4.148	174.213	0.769	1.244	0.751	4.481	188.213	0.831	0.911
0.571	4.408	193.95	0.807	1.051	0.794	4.59	201.95	0.841	0.87
0.586	3.74	112.187	0.762	1.167	0.741	3.831	114.942	0.781	1.075
0.544	4.144	161.601	0.784	1.142	0.742	4.734	184.621	0.896	0.552
0.59	4.724	236.193	0.837	0.92	0.803	5.164	258.193	0.915	0.48
0.588	4.633	259.437	0.798	1.175	0.766	4.883	273.437	0.841	0.925
0.595	3.851	123.245	0.77	1.149	0.705	4.476	143.245	0.895	0.524
0.596	3.815	114.452	0.777	1.092	0.717	4.482	134.452	0.913	0.425
0.594	4.175	175.358	0.774	1.217	0.734	4.642	194.968	0.861	0.75
0.588	3.728	115.58	0.753	1.226	0.696	4.438	137.58	0.896	0.516

0.601	4.452	186.968	0.826	0.941	0.806	4.594	192.968	0.852	0.798
0.513	4.257	242.626	0.73	1.576	0.709	4.609	262.7	0.79	1.224
0.603	4.789	210.705	0.877	0.671	0.84	5.016	220.705	0.919	0.443
0.538	4.96	486.123	0.75	1.654	0.722	5.736	562.103	0.867	0.879
0.591	4.763	276.253	0.813	1.095	0.777	5.259	305.008	0.898	0.599
0.626	4.424	181.395	0.826	0.933	0.806	4.522	185.395	0.844	0.836
0.514	4.741	312.917	0.784	1.303	0.771	5.525	364.665	0.914	0.519
0.561	4.736	255.744	0.823	1.019	0.799	5.357	289.254	0.931	0.398
0.573	4.758	247.403	0.835	0.943	0.805	5.287	274.913	0.927	0.414
0.51	3.634	145.367	0.683	1.688	0.651	4.134	165.367	0.777	1.188
0.519	3.715	148.613	0.698	1.607	0.665	4.115	164.613	0.773	1.207
0.603	3.372	87.682	0.717	1.328	0.687	3.844	99.947	0.818	0.856
0.536	4.033	209.694	0.707	1.668	0.677	4.931	256.423	0.865	0.769
0.554	4.465	178.613	0.839	0.857	0.808	4.853	194.122	0.912	0.469
0.532	4.069	187.19	0.737	1.454	0.707	4.733	217.719	0.857	0.791
0.623	4.498	193.413	0.829	0.928	0.771	5.019	215.82	0.925	0.407
0.746	3.746	74.929	0.867	0.575	0.797	3.984	79.684	0.922	0.338
0.527	3.921	156.838	0.737	1.401	0.718	4.478	179.103	0.841	0.844
0.527	4.176	179.555	0.77	1.251	0.748	4.414	189.82	0.814	1.012
0.508	4.11	189.064	0.744	1.413	0.725	4.561	209.819	0.826	0.962
0.481	4.525	321.3	0.736	1.624	0.724	5.421	384.858	0.881	0.729
0.51	4.103	217.441	0.716	1.625	0.684	4.679	247.97	0.817	1.049
0.613	4.615	212.309	0.836	0.908	0.806	5.012	230.574	0.907	0.511
0.548	4.37	257.818	0.743	1.513	0.728	4.649	274.282	0.79	1.234
0.516	3.498	118.935	0.688	1.589	0.671	4.08	138.709	0.802	1.008
0.582	4.503	225.173	0.798	1.14	0.766	4.774	238.683	0.846	0.87
0.48	4.013	220.691	0.694	1.769	0.674	4.376	240.691	0.757	1.405
0.492	3.693	158.8	0.681	1.733	0.665	4.054	174.31	0.747	1.373
0.484	3.913	187.814	0.701	1.672	0.674	4.329	207.814	0.775	1.256
0.591	4.217	172.905	0.787	1.14	0.747	4.607	188.905	0.86	0.75
0.493	3.819	225.327	0.649	2.064	0.623	4.399	259.566	0.748	1.483
0.626	3.823	110.881	0.787	1.034	0.731	3.823	110.881	0.787	1.034
0.598	4.032	157.237	0.763	1.254	0.714	4.661	181.766	0.882	0.625
0.574	4.883	336.959	0.799	1.225	0.777	5.351	369.224	0.876	0.757
0.66	4.587	174.302	0.874	0.661	0.809	4.945	187.912	0.942	0.303
0.607	4.416	216.392	0.787	1.199	0.742	5.043	247.121	0.898	0.571
0.621	4.576	192.213	0.849	0.816	0.811	4.785	200.968	0.887	0.607
0.705	3.732	82.108	0.837	0.727	0.761	4.096	90.107	0.918	0.364
0.579	5.233	434.334	0.821	1.142	0.791	5.607	465.354	0.879	0.768
0.627	5.105	270.56	0.891	0.623	0.854	5.308	281.315	0.927	0.42
0.657	4.953	198.122	0.931	0.369	0.887	5.053	202.122	0.949	0.269
0.545	4.577	242.56	0.799	1.151	0.772	5.275	279.58	0.921	0.453
0.581	4.467	196.564	0.818	0.992	0.78	4.959	218.215	0.908	0.5
0.498	3.737	156.968	0.693	1.655	0.656	4.023	168.968	0.746	1.369
0.64	5.355	364.173	0.88	0.732	0.845	5.683	386.438	0.934	0.405
0.62	4.414	189.82	0.814	1.012	0.795	4.693	201.82	0.865	0.733
0.585	4.517	225.828	0.8	1.127	0.762	4.949	247.438	0.877	0.695
0.531	3.449	120.731	0.673	1.68	0.653	3.678	128.731	0.717	1.451
0.599	4.344	186.8	0.801	1.082	0.776	4.629	199.065	0.853	0.797
0.56	4.613	262.965	0.791	1.219	0.755	5.188	295.72	0.889	0.645

0.618	3.9	152.092	0.738	1.386	0.706	4.073	158.847	0.771	1.212
0.563	3.902	156.083	0.733	1.42	0.702	4.415	176.613	0.83	0.907
0.549	3.943	157.716	0.741	1.379	0.706	4.584	183.367	0.861	0.738
0.476	4.336	307.838	0.705	1.814	0.686	4.695	333.348	0.763	1.455
0.548	4.834	406.022	0.756	1.559	0.731	5.481	460.425	0.857	0.911
0.612	3.628	94.337	0.772	1.072	0.726	3.921	101.947	0.834	0.779
0.539	4.587	298.17	0.762	1.435	0.726	5.211	338.699	0.865	0.812
0.638	4.443	182.15	0.829	0.915	0.809	4.54	186.15	0.847	0.817
0.621	3.313	79.51	0.723	1.272	0.679	3.741	89.774	0.816	0.844
0.536	3.96	205.919	0.695	1.74	0.668	4.571	237.668	0.802	1.13
0.544	4.251	204.039	0.761	1.334	0.737	4.788	229.814	0.857	0.797
0.56	4.249	191.217	0.774	1.243	0.735	4.686	210.869	0.853	0.806
0.393	4.661	563.937	0.674	2.258	0.669	5.796	701.33	0.838	1.123
0.635	5.323	356.654	0.878	0.743	0.842	5.614	376.163	0.926	0.452
0.516	3.851	161.722	0.714	1.542	0.682	4.327	181.722	0.802	1.066
0.573	4.788	272.926	0.821	1.045	0.798	5.407	308.21	0.927	0.426
0.47	3.316	132.638	0.623	2.006	0.597	3.696	147.858	0.695	1.625
0.418	3.682	279.823	0.589	2.566	0.575	4.037	306.843	0.646	2.211
0.558	4.187	226.093	0.728	1.568	0.693	4.898	264.499	0.851	0.857
0.558	3.368	70.729	0.767	1.024	0.745	3.749	78.729	0.854	0.643
0.697	4.663	167.853	0.902	0.507	0.847	4.795	172.608	0.927	0.375
0.568	4.74	203.82	0.874	0.686	0.836	4.973	213.82	0.916	0.454
0.657	4.5	184.498	0.84	0.858	0.786	4.882	200.15	0.911	0.476
0.565	4.968	432.244	0.771	1.475	0.738	5.535	481.517	0.859	0.908
0.584	4.756	304.374	0.793	1.244	0.758	5.269	337.245	0.878	0.731
0.696	3.882	89.287	0.858	0.642	0.791	4.35	100.042	0.962	0.174
0.694	5.113	281.22	0.884	0.668	0.838	5.331	293.22	0.922	0.45
0.571	4.041	145.488	0.782	1.129	0.754	4.517	162.608	0.874	0.653
0.59	4.257	255.394	0.721	1.65	0.694	4.64	278.414	0.786	1.267
0.657	4.959	223.133	0.903	0.533	0.862	5.181	233.133	0.943	0.311
0.572	4.683	299.696	0.78	1.317	0.745	5.097	326.226	0.85	0.903
0.622	4.1	176.31	0.756	1.326	0.716	4.286	184.31	0.79	1.14
0.619	4.501	207.064	0.815	1.022	0.775	4.719	217.064	0.854	0.805
0.52	3.79	155.395	0.707	1.567	0.672	4.315	176.905	0.805	1.043
0.524	4.818	404.677	0.754	1.575	0.727	5.329	447.596	0.834	1.064
0.645	5.16	314.755	0.87	0.771	0.836	5.258	320.755	0.887	0.672
0.588	4.359	187.455	0.803	1.067	0.772	4.6	197.82	0.848	0.826
0.576	3.926	121.706	0.792	1.028	0.759	4.171	129.315	0.842	0.783
0.562	4.043	149.589	0.776	1.167	0.736	4.682	173.24	0.899	0.527
0.593	4.25	178.503	0.788	1.142	0.729	5.041	211.722	0.935	0.351
0.63	3.823	110.881	0.787	1.034	0.737	4.306	124.881	0.886	0.552
0.456	4.119	201.837	0.734	1.496	0.716	5.012	245.611	0.893	0.602
0.598	4.408	220.418	0.781	1.235	0.746	5.124	256.193	0.908	0.52
0.5	3.932	184.827	0.708	1.622	0.693	4.283	201.291	0.771	1.272
0.543	5.59	648.493	0.815	1.268	0.788	6.213	720.732	0.906	0.645
0.545	5.67	629.347	0.834	1.125	0.805	6.186	686.631	0.91	0.609
0.391	2.52	70.567	0.524	2.287	0.514	2.949	82.567	0.613	1.859
0.514	3.374	101.207	0.688	1.533	0.634	3.907	117.207	0.796	1
0.583	4.472	241.48	0.777	1.283	0.745	4.708	254.235	0.818	1.047
0.4	4.661	550.051	0.677	2.221	0.673	5.856	691.054	0.851	1.026



0.568	5.179	383.235	0.834	1.031	0.804	5.557	411.235	0.895	0.652
0.572	4.15	203.346	0.739	1.465	0.708	4.645	227.611	0.827	0.97
0.553	4.414	273.676	0.741	1.54	0.698	5.079	314.896	0.853	0.875
0.522	4.931	453.611	0.756	1.593	0.731	5.562	511.664	0.853	0.962
0.474	2.873	74.702	0.611	1.827	0.619	3.393	88.211	0.722	1.308
0.591	4.668	224.078	0.836	0.917	0.8	5.127	246.078	0.918	0.458
0.539	4.959	421.54	0.774	1.45	0.753	5.491	466.759	0.857	0.918
0.537	5.146	581.469	0.754	1.674	0.727	5.758	650.602	0.844	1.063
0.598	4.302	176.375	0.803	1.056	0.766	4.619	189.395	0.862	0.738
0.453	3.927	298.481	0.629	2.321	0.608	4.56	346.539	0.73	1.688
0.573	4.112	180.931	0.753	1.347	0.711	4.419	194.441	0.809	1.04
0.584	4.947	346.256	0.807	1.183	0.78	5.383	376.785	0.878	0.747
0.466	3.916	231.037	0.666	1.967	0.646	4.662	275.076	0.793	1.22
0.554	4.059	154.26	0.774	1.188	0.739	4.471	169.912	0.852	0.777
0.683	4.574	150.955	0.907	0.47	0.869	4.574	150.955	0.907	0.47
0.411	4.513	537.05	0.655	2.382	0.645	5.628	669.776	0.816	1.266
0.564	4.599	252.955	0.796	1.182	0.764	5.036	276.955	0.871	0.746
0.559	4.643	246.07	0.811	1.085	0.768	5.171	274.07	0.903	0.557
0.537	3.855	150.356	0.729	1.43	0.71	3.926	153.111	0.743	1.359
0.492	3.923	262.821	0.647	2.143	0.62	4.513	302.389	0.744	1.553
0.612	3.628	94.337	0.772	1.072	0.726	3.921	101.947	0.834	0.779
0.627	4.319	211.611	0.769	1.296	0.728	4.604	225.611	0.82	1.01
0.571	4.055	162.206	0.762	1.267	0.732	4.446	177.858	0.835	0.875
0.568	5.235	512.983	0.791	1.38	0.765	5.622	550.957	0.85	0.993
0.531	5.037	498.63	0.76	1.593	0.735	5.772	571.413	0.871	0.858
0.533	5.573	652.045	0.811	1.297	0.785	6.19	724.284	0.901	0.68
0.489	3.06	94.851	0.618	1.894	0.571	3.551	110.07	0.717	1.404
0.618	4.944	237.323	0.885	0.641	0.846	5.278	253.323	0.945	0.307
0.628	5.012	245.611	0.893	0.602	0.854	5.273	258.366	0.939	0.342
0.533	3.809	156.15	0.711	1.549	0.678	4.199	172.15	0.784	1.159
0.693	4.59	179.011	0.868	0.695	0.813	4.888	190.621	0.925	0.398
0.533	4.352	191.486	0.797	1.107	0.771	4.988	219.46	0.914	0.472
0.507	3.926	180.574	0.711	1.598	0.682	4.273	196.574	0.774	1.25
0.513	4.589	256.973	0.79	1.219	0.771	5.352	299.702	0.922	0.456
0.594	4.639	287.611	0.779	1.315	0.742	5.067	314.141	0.851	0.887
0.675	4.304	154.956	0.833	0.866	0.771	4.85	174.608	0.938	0.32
0.627	4.408	189.555	0.812	1.018	0.766	4.612	198.31	0.85	0.814
0.501	3.976	270.341	0.653	2.112	0.627	4.557	309.908	0.749	1.53
0.659	4.669	210.114	0.85	0.823	0.815	5.058	227.624	0.921	0.434
0.438	4.218	223.541	0.736	1.51	0.717	5.006	265.315	0.874	0.722
0.621	3.979	139.26	0.776	1.15	0.716	4.607	161.26	0.898	0.522
0.472	3.848	223.176	0.657	2.01	0.628	4.457	258.479	0.761	1.401
0.485	4.381	315.441	0.71	1.789	0.691	4.735	340.95	0.768	1.435
0.571	4.11	168.498	0.767	1.248	0.732	4.638	190.15	0.866	0.72
0.609	4.301	184.923	0.793	1.126	0.751	4.758	204.575	0.877	0.669
0.692	3.447	79.287	0.762	1.076	0.717	3.567	82.042	0.789	0.957
0.547	4.631	305.646	0.766	1.413	0.73	5.245	346.175	0.868	0.799
0.555	4.308	211.082	0.767	1.307	0.743	4.834	236.856	0.861	0.781
0.456	4.119	201.837	0.734	1.496	0.716	5.012	245.611	0.893	0.602
0.58	4.718	264.192	0.812	1.09	0.781	5.075	284.192	0.874	0.732

0.53	3.967	170.575	0.731	1.459	0.699	4.339	186.575	0.8	1.087
0.5	4.554	250.491	0.788	1.227	0.768	5.245	288.465	0.907	0.537
0.544	5.651	666.854	0.821	1.231	0.795	6.209	732.603	0.902	0.674
0.754	4.597	151.71	0.911	0.447	0.84	4.84	159.71	0.959	0.205
0.462	3.976	306.181	0.635	2.29	0.614	4.601	354.239	0.734	1.666
0.622	4.59	201.95	0.841	0.87	0.815	4.681	205.95	0.857	0.779
0.561	4.736	255.744	0.823	1.019	0.799	5.357	289.254	0.931	0.398
0.64	5.355	364.173	0.88	0.732	0.845	5.683	386.438	0.934	0.405
0.672	4.465	178.613	0.839	0.857	0.8	4.603	184.122	0.865	0.719
0.406	4.692	558.383	0.681	2.203	0.676	5.877	699.386	0.852	1.018
0.411	4.513	537.05	0.655	2.382	0.645	5.628	669.776	0.816	1.266
0.652	4.452	186.968	0.826	0.941	0.806	4.547	190.968	0.843	0.845
0.671	4.514	148.955	0.895	0.531	0.857	4.574	150.955	0.907	0.47
0.352	4.309	844.491	0.566	3.306	0.56	5.139	1007.32	0.675	2.475
0.568	5.304	392.48	0.854	0.906	0.823	5.682	420.48	0.915	0.527
0.66	4.473	183.395	0.835	0.885	0.797	4.656	190.905	0.869	0.701
0.646	4.719	217.064	0.854	0.805	0.816	4.839	222.574	0.876	0.685
0.537	5.146	581.469	0.754	1.674	0.727	5.758	650.602	0.844	1.063
0.687	5.072	268.825	0.886	0.656	0.838	5.299	280.825	0.925	0.429
0.725	4.472	160.998	0.865	0.698	0.803	4.795	172.608	0.927	0.375
0.584	4.756	304.374	0.793	1.244	0.758	5.269	337.245	0.878	0.731
0.657	4.839	222.574	0.876	0.685	0.837	4.839	222.574	0.876	0.685

BIC3	IC4	TIC4	SIC4	CIC4	BIC4	IC5	TIC5	SIC5	CIC5
0.749	4.575	256.192	0.788	1.232	0.765	4.575	256.192	0.788	1.232
0.862	5.027	261.403	0.882	0.673	0.862	5.027	261.403	0.882	0.673
0.831	4.708	164.77	0.918	0.422	0.845	4.708	164.77	0.918	0.422
0.853	4.735	194.15	0.884	0.622	0.862	4.735	194.15	0.884	0.622
0.87	5.118	266.158	0.898	0.582	0.87	5.118	266.158	0.898	0.582
0.733	4.289	188.705	0.786	1.171	0.749	4.289	188.705	0.786	1.171
0.871	4.919	181.995	0.944	0.291	0.891	4.919	181.995	0.944	0.291
0.832	5.129	297.498	0.876	0.729	0.84	5.129	297.498	0.876	0.729
0.793	4.715	188.613	0.886	0.607	0.849	4.784	191.367	0.899	0.538
0.811	4.97	258.423	0.872	0.731	0.845	4.97	258.423	0.872	0.731
0.906	4.789	138.881	0.986	0.069	0.906	4.789	138.881	0.986	0.069
0.876	5.554	388.785	0.906	0.575	0.876	5.554	388.785	0.906	0.575
0.825	4.678	196.477	0.868	0.714	0.825	4.678	196.477	0.868	0.714
0.812	4.934	246.683	0.874	0.71	0.842	4.934	246.683	0.874	0.71
0.806	4.747	213.624	0.864	0.745	0.829	4.792	215.624	0.872	0.7
0.87	4.875	156	0.975	0.125	0.893	4.875	156	0.975	0.125
0.832	4.002	92.042	0.885	0.522	0.832	4.002	92.042	0.885	0.522
0.826	4.803	201.723	0.891	0.589	0.843	4.803	201.723	0.891	0.589
0.83	5.999	563.867	0.915	0.556	0.88	6.062	569.867	0.925	0.492
0.79	5.083	315.16	0.854	0.871	0.814	5.083	315.16	0.854	0.871
0.824	4.772	195.66	0.891	0.585	0.841	4.772	195.66	0.891	0.585
0.832	4.597	151.71	0.911	0.447	0.847	4.597	151.71	0.911	0.447
0.799	4.929	280.965	0.845	0.904	0.813	4.964	282.965	0.851	0.869
0.802	4.785	200.968	0.887	0.607	0.844	4.833	202.968	0.896	0.56
0.844	5.003	200.122	0.94	0.319	0.886	5.103	204.122	0.959	0.219
0.833	4.653	186.122	0.874	0.669	0.833	4.653	186.122	0.874	0.669
0.811	4.747	213.624	0.864	0.745	0.821	4.747	213.624	0.864	0.745
0.789	4.452	186.968	0.826	0.941	0.789	4.452	186.968	0.826	0.941
0.886	4.975	208.968	0.923	0.417	0.886	4.975	208.968	0.923	0.417
0.773	4.898	259.58	0.855	0.83	0.826	4.898	259.58	0.855	0.83
0.736	4.303	193.624	0.783	1.189	0.751	4.303	193.624	0.783	1.189
0.871	4.601	147.245	0.92	0.399	0.883	4.601	147.245	0.92	0.399
0.867	5.153	247.323	0.923	0.432	0.887	5.153	247.323	0.923	0.432
0.789	5.586	525.112	0.852	0.968	0.825	5.629	529.112	0.859	0.926
0.901	4.954	153.58	1	0	0.925	4.954	153.58	1	0
0.871	5.631	382.928	0.925	0.456	0.91	5.631	382.928	0.925	0.456
0.752	4.579	201.46	0.839	0.881	0.799	4.67	205.46	0.855	0.79
0.756	3.847	126.955	0.763	1.197	0.756	3.847	126.955	0.763	1.197
0.901	5.407	308.21	0.927	0.426	0.901	5.407	308.21	0.927	0.426
0.811	4.481	188.213	0.831	0.911	0.811	4.481	188.213	0.831	0.911
0.826	4.59	201.95	0.841	0.87	0.826	4.59	201.95	0.841	0.87
0.76	3.831	114.942	0.781	1.075	0.76	3.831	114.942	0.781	1.075
0.848	4.907	191.376	0.928	0.378	0.879	4.958	193.376	0.938	0.327
0.878	5.164	258.193	0.915	0.48	0.878	5.164	258.193	0.915	0.48
0.808	4.954	277.437	0.853	0.853	0.82	4.99	279.437	0.859	0.817
0.82	4.625	148	0.925	0.375	0.847	4.625	148	0.925	0.375
0.842	4.574	137.207	0.932	0.333	0.859	4.574	137.207	0.932	0.333
0.816	4.69	196.968	0.87	0.703	0.825	4.69	196.968	0.87	0.703
0.828	4.761	147.58	0.961	0.194	0.889	4.825	149.58	0.974	0.129

0.832	4.642	194.968	0.861	0.75	0.84	4.737	198.968	0.879	0.655
0.768	4.754	270.965	0.815	1.079	0.792	4.754	270.965	0.815	1.079
0.88	5.016	220.705	0.919	0.443	0.88	5.016	220.705	0.919	0.443
0.835	6.061	593.977	0.916	0.554	0.882	6.122	599.977	0.926	0.492
0.858	5.259	305.008	0.898	0.599	0.858	5.259	305.008	0.898	0.599
0.823	4.522	185.395	0.844	0.836	0.823	4.522	185.395	0.844	0.836
0.898	5.646	372.665	0.934	0.398	0.918	5.646	372.665	0.934	0.398
0.903	5.357	289.254	0.931	0.398	0.903	5.357	289.254	0.931	0.398
0.895	5.287	274.913	0.927	0.414	0.895	5.287	274.913	0.927	0.414
0.74	4.234	169.367	0.796	1.088	0.758	4.234	169.367	0.796	1.088
0.737	4.215	168.613	0.792	1.107	0.755	4.215	168.613	0.792	1.107
0.783	3.844	99.947	0.818	0.856	0.783	3.844	99.947	0.818	0.856
0.828	5.124	266.423	0.899	0.577	0.86	5.162	268.423	0.906	0.538
0.879	4.853	194.122	0.912	0.469	0.879	4.853	194.122	0.912	0.469
0.822	4.942	227.329	0.895	0.582	0.859	5.029	231.329	0.91	0.495
0.86	5.176	222.575	0.954	0.25	0.887	5.223	224.575	0.962	0.204
0.848	3.984	79.684	0.922	0.338	0.848	3.984	79.684	0.922	0.338
0.82	4.478	179.103	0.841	0.844	0.82	4.478	179.103	0.841	0.844
0.79	4.414	189.82	0.814	1.012	0.79	4.414	189.82	0.814	1.012
0.804	4.648	213.819	0.842	0.875	0.819	4.648	213.819	0.842	0.875
0.868	5.533	392.858	0.9	0.617	0.886	5.533	392.858	0.9	0.617
0.78	4.973	263.58	0.868	0.755	0.829	5.086	269.58	0.888	0.642
0.875	5.012	230.574	0.907	0.511	0.875	5.012	230.574	0.907	0.511
0.775	4.742	279.792	0.806	1.14	0.79	4.742	279.792	0.806	1.14
0.783	4.256	144.709	0.837	0.831	0.817	4.256	144.709	0.837	0.831
0.811	4.774	238.683	0.846	0.87	0.811	4.774	238.683	0.846	0.87
0.735	4.476	246.2	0.774	1.305	0.752	4.476	246.2	0.774	1.305
0.73	4.147	178.31	0.764	1.28	0.747	4.426	190.31	0.816	1
0.746	4.413	211.814	0.79	1.172	0.76	4.413	211.814	0.79	1.172
0.816	4.656	190.905	0.869	0.701	0.825	4.656	190.905	0.869	0.701
0.718	4.493	265.076	0.764	1.39	0.733	4.493	265.076	0.764	1.39
0.731	3.823	110.881	0.787	1.034	0.731	3.823	110.881	0.787	1.034
0.826	4.907	191.376	0.928	0.378	0.869	4.907	191.376	0.928	0.378
0.851	5.431	374.733	0.889	0.678	0.864	5.431	374.733	0.889	0.678
0.872	4.945	187.912	0.942	0.303	0.872	4.945	187.912	0.942	0.303
0.847	5.084	249.121	0.905	0.531	0.854	5.084	249.121	0.905	0.531
0.848	4.785	200.968	0.887	0.607	0.848	4.785	200.968	0.887	0.607
0.835	4.187	92.107	0.939	0.273	0.853	4.187	92.107	0.939	0.273
0.848	5.751	477.354	0.902	0.624	0.869	5.751	477.354	0.902	0.624
0.888	5.308	281.315	0.927	0.42	0.888	5.308	281.315	0.927	0.42
0.905	5.053	202.122	0.949	0.269	0.905	5.053	202.122	0.949	0.269
0.889	5.275	279.58	0.921	0.453	0.889	5.275	279.58	0.921	0.453
0.866	5.05	222.215	0.925	0.409	0.882	5.05	222.215	0.925	0.409
0.706	4.214	176.968	0.781	1.179	0.739	4.309	180.968	0.799	1.084
0.896	5.771	392.438	0.948	0.316	0.91	5.801	394.438	0.953	0.287
0.845	4.693	201.82	0.865	0.733	0.845	4.693	201.82	0.865	0.733
0.834	5.029	251.438	0.891	0.615	0.848	5.029	251.438	0.891	0.615
0.696	3.678	128.731	0.717	1.451	0.696	3.678	128.731	0.717	1.451
0.827	4.676	201.065	0.862	0.75	0.835	4.676	201.065	0.862	0.75
0.849	5.188	295.72	0.889	0.645	0.849	5.188	295.72	0.889	0.645

0.737	4.144	161.601	0.784	1.142	0.75	4.356	169.866	0.824	0.93
0.795	4.584	183.367	0.861	0.738	0.825	4.584	183.367	0.861	0.738
0.821	4.734	189.367	0.89	0.588	0.848	4.734	189.367	0.89	0.588
0.743	4.864	345.348	0.791	1.286	0.769	5.005	355.348	0.814	1.145
0.829	5.746	482.69	0.899	0.646	0.869	5.818	488.69	0.91	0.575
0.784	4.027	104.702	0.857	0.673	0.805	4.027	104.702	0.857	0.673
0.824	5.303	344.699	0.881	0.719	0.839	5.303	344.699	0.881	0.719
0.827	4.54	186.15	0.847	0.817	0.827	4.54	186.15	0.847	0.817
0.766	3.991	95.774	0.87	0.594	0.817	3.991	95.774	0.87	0.594
0.771	4.893	254.423	0.858	0.808	0.825	4.893	254.423	0.858	0.808
0.83	4.788	229.814	0.857	0.797	0.83	4.788	229.814	0.857	0.797
0.811	4.747	213.624	0.864	0.745	0.821	4.747	213.624	0.864	0.745
0.832	6.121	740.614	0.885	0.798	0.879	6.187	748.614	0.894	0.732
0.888	5.704	382.163	0.94	0.362	0.902	5.734	384.163	0.945	0.332
0.767	4.422	185.722	0.82	0.97	0.784	4.422	185.722	0.82	0.97
0.901	5.407	308.21	0.927	0.426	0.901	5.407	308.21	0.927	0.426
0.665	3.834	153.367	0.72	1.488	0.69	3.834	153.367	0.72	1.488
0.631	4.037	306.843	0.646	2.211	0.631	4.037	306.843	0.646	2.211
0.81	5.199	280.764	0.903	0.556	0.86	5.273	284.764	0.916	0.481
0.829	3.749	78.729	0.854	0.643	0.829	3.749	78.729	0.854	0.643
0.871	4.795	172.608	0.927	0.375	0.871	4.795	172.608	0.927	0.375
0.877	4.973	213.82	0.916	0.454	0.877	4.973	213.82	0.916	0.454
0.852	4.882	200.15	0.911	0.476	0.852	4.882	200.15	0.911	0.476
0.822	5.667	493.026	0.88	0.776	0.841	5.69	495.026	0.883	0.753
0.84	5.394	345.245	0.899	0.606	0.86	5.394	345.245	0.899	0.606
0.886	4.35	100.042	0.962	0.174	0.886	4.35	100.042	0.962	0.174
0.874	5.368	295.22	0.928	0.414	0.88	5.368	295.22	0.928	0.414
0.843	4.593	165.362	0.888	0.577	0.857	4.593	165.362	0.888	0.577
0.757	4.64	278.414	0.786	1.267	0.757	4.64	278.414	0.786	1.267
0.9	5.181	233.133	0.943	0.311	0.9	5.181	233.133	0.943	0.311
0.811	5.297	338.98	0.883	0.703	0.843	5.328	340.98	0.888	0.672
0.748	4.333	186.31	0.798	1.093	0.756	4.333	186.31	0.798	1.093
0.813	4.806	221.064	0.87	0.718	0.828	4.849	223.064	0.878	0.674
0.765	4.412	180.905	0.824	0.945	0.782	4.412	180.905	0.824	0.945
0.804	5.529	464.425	0.865	0.863	0.834	5.743	482.425	0.898	0.649
0.852	5.258	320.755	0.887	0.672	0.852	5.258	320.755	0.887	0.672
0.815	4.665	200.575	0.86	0.762	0.826	4.665	200.575	0.86	0.762
0.807	4.26	132.07	0.86	0.694	0.824	4.26	132.07	0.86	0.694
0.853	4.919	181.995	0.944	0.291	0.896	4.973	183.995	0.955	0.237
0.864	5.154	216.477	0.956	0.238	0.884	5.154	216.477	0.956	0.238
0.83	4.513	130.882	0.929	0.345	0.87	4.513	130.882	0.929	0.345
0.871	5.094	249.611	0.907	0.521	0.885	5.094	249.611	0.907	0.521
0.867	5.124	256.193	0.908	0.52	0.867	5.124	256.193	0.908	0.52
0.755	4.4	206.801	0.792	1.155	0.776	4.4	206.801	0.792	1.155
0.875	6.371	738.997	0.929	0.487	0.898	6.422	744.997	0.936	0.436
0.878	6.296	698.896	0.927	0.498	0.894	6.35	704.896	0.935	0.444
0.601	2.949	82.567	0.613	1.859	0.601	2.949	82.567	0.613	1.859
0.734	4.04	121.207	0.823	0.867	0.759	4.04	121.207	0.823	0.867
0.785	4.976	268.725	0.865	0.779	0.829	5.241	282.99	0.911	0.514
0.845	6.223	734.338	0.904	0.659	0.898	6.223	734.338	0.904	0.659

0.863	5.692	421.235	0.917	0.517	0.884	5.719	423.235	0.921	0.49
0.793	4.758	233.121	0.847	0.857	0.812	4.758	233.121	0.847	0.857
0.803	5.252	325.65	0.882	0.702	0.831	5.317	329.65	0.893	0.637
0.825	5.836	536.884	0.895	0.688	0.866	5.901	542.884	0.905	0.623
0.731	3.547	92.211	0.755	1.154	0.764	3.547	92.211	0.755	1.154
0.879	5.127	246.078	0.918	0.458	0.879	5.127	246.078	0.918	0.458
0.834	5.632	478.759	0.879	0.777	0.855	5.68	482.759	0.886	0.73
0.814	6.083	687.396	0.892	0.737	0.86	6.214	702.151	0.911	0.606
0.823	4.619	189.395	0.862	0.738	0.823	4.619	189.395	0.862	0.738
0.706	4.863	369.558	0.778	1.385	0.753	4.863	369.558	0.778	1.385
0.764	4.618	203.195	0.846	0.841	0.799	4.618	203.195	0.846	0.841
0.849	5.422	379.54	0.885	0.707	0.855	5.422	379.54	0.885	0.707
0.769	4.73	279.076	0.804	1.153	0.78	4.73	279.076	0.804	1.153
0.814	4.471	169.912	0.852	0.777	0.814	4.471	169.912	0.852	0.777
0.869	4.574	150.955	0.907	0.47	0.869	4.574	150.955	0.907	0.47
0.804	6.012	715.425	0.872	0.883	0.859	6.224	740.709	0.903	0.67
0.836	5.072	278.955	0.877	0.709	0.842	5.072	278.955	0.877	0.709
0.856	5.223	276.825	0.912	0.505	0.864	5.223	276.825	0.912	0.505
0.724	3.926	153.111	0.743	1.359	0.724	3.926	153.111	0.743	1.359
0.714	4.76	318.918	0.785	1.306	0.753	4.76	318.918	0.785	1.306
0.784	4.027	104.702	0.857	0.673	0.805	4.027	104.702	0.857	0.673
0.776	4.808	235.611	0.856	0.806	0.811	4.849	237.611	0.864	0.766
0.803	4.684	187.367	0.88	0.638	0.846	4.784	191.367	0.899	0.538
0.821	5.739	562.467	0.868	0.875	0.838	5.78	566.467	0.874	0.834
0.842	5.97	591.022	0.901	0.659	0.871	6.01	595.022	0.907	0.619
0.872	6.347	742.549	0.924	0.524	0.894	6.398	748.549	0.931	0.473
0.663	3.728	115.58	0.753	1.226	0.696	3.728	115.58	0.753	1.226
0.903	5.278	253.323	0.945	0.307	0.903	5.278	253.323	0.945	0.307
0.898	5.273	258.366	0.939	0.342	0.898	5.273	258.366	0.939	0.342
0.748	4.296	176.15	0.802	1.061	0.765	4.296	176.15	0.802	1.061
0.866	4.939	192.621	0.934	0.346	0.875	4.939	192.621	0.934	0.346
0.884	5.079	223.46	0.93	0.381	0.9	5.079	223.46	0.93	0.381
0.743	4.36	200.574	0.789	1.163	0.758	4.36	200.574	0.789	1.163
0.899	5.352	299.702	0.922	0.456	0.899	5.352	299.702	0.922	0.456
0.811	5.273	326.896	0.886	0.682	0.844	5.305	328.896	0.891	0.649
0.868	4.982	179.362	0.964	0.188	0.892	4.982	179.362	0.964	0.188
0.801	4.798	206.31	0.884	0.628	0.834	4.937	212.31	0.91	0.489
0.719	4.801	326.438	0.789	1.287	0.757	4.801	326.438	0.789	1.287
0.883	5.058	227.624	0.921	0.434	0.883	5.058	227.624	0.921	0.434
0.851	5.157	273.315	0.9	0.571	0.877	5.157	273.315	0.9	0.571
0.829	4.765	166.77	0.929	0.364	0.858	4.765	166.77	0.929	0.364
0.727	4.819	279.498	0.823	1.039	0.786	4.922	285.498	0.84	0.936
0.747	4.902	352.95	0.795	1.268	0.773	5.041	362.95	0.817	1.129
0.826	4.784	196.15	0.893	0.573	0.852	4.784	196.15	0.893	0.573
0.831	4.851	208.575	0.894	0.576	0.847	4.851	208.575	0.894	0.576
0.742	3.567	82.042	0.789	0.957	0.742	3.567	82.042	0.789	0.957
0.827	5.336	352.175	0.883	0.708	0.842	5.336	352.175	0.883	0.708
0.834	4.834	236.856	0.861	0.781	0.834	4.834	236.856	0.861	0.781
0.871	5.094	249.611	0.907	0.521	0.885	5.094	249.611	0.907	0.521
0.84	5.111	286.192	0.88	0.697	0.846	5.111	286.192	0.88	0.697

0.765	4.432	190.575	0.817	0.994	0.781	4.432	190.575	0.817	0.994
0.884	5.318	292.465	0.92	0.464	0.897	5.318	292.465	0.92	0.464
0.873	6.363	750.868	0.925	0.519	0.895	6.414	756.868	0.932	0.469
0.884	4.84	159.71	0.959	0.205	0.884	4.84	159.71	0.959	0.205
0.71	4.899	377.258	0.782	1.367	0.757	4.899	377.258	0.782	1.367
0.831	4.726	207.95	0.866	0.733	0.84	4.726	207.95	0.866	0.733
0.903	5.357	289.254	0.931	0.398	0.903	5.357	289.254	0.931	0.398
0.896	5.771	392.438	0.948	0.316	0.91	5.801	394.438	0.953	0.287
0.824	4.603	184.122	0.865	0.719	0.824	4.603	184.122	0.865	0.719
0.847	6.241	742.67	0.905	0.654	0.899	6.241	742.67	0.905	0.654
0.804	6.012	715.425	0.872	0.883	0.859	6.224	740.709	0.903	0.67
0.823	4.547	190.968	0.843	0.845	0.823	4.547	190.968	0.843	0.845
0.869	4.574	150.955	0.907	0.47	0.869	4.574	150.955	0.907	0.47
0.667	5.791	1135.082	0.761	1.823	0.752	6.194	1214.101	0.813	1.42
0.882	5.827	431.235	0.938	0.382	0.904	5.936	439.235	0.956	0.274
0.829	4.656	190.905	0.869	0.701	0.829	4.656	190.905	0.869	0.701
0.837	4.839	222.574	0.876	0.685	0.837	4.839	222.574	0.876	0.685
0.814	6.083	687.396	0.892	0.737	0.86	6.214	702.151	0.911	0.606
0.875	5.299	280.825	0.925	0.429	0.875	5.299	280.825	0.925	0.429
0.861	4.85	174.608	0.938	0.32	0.871	4.85	174.608	0.938	0.32
0.84	5.394	345.245	0.899	0.606	0.86	5.394	345.245	0.899	0.606
0.837	4.839	222.574	0.876	0.685	0.837	4.839	222.574	0.876	0.685

BIC5	ATS1m	ATS2m	ATS3m	ATS4m	ATS5m	ATS6m	ATS7m	ATS8m	ATS1v
0.765	3.338	3.633	3.709	3.689	3.68	3.769	3.749	3.542	3.223
0.862	3.308	3.589	3.601	3.606	3.568	3.428	3.433	3.161	3.061
0.845	3.384	3.772	3.86	3.812	3.821	3.662	3.452	2.438	3.15
0.862	3.012	3.225	3.212	3.086	3.098	2.89	2.651	2.539	2.829
0.87	3.623	3.871	3.944	3.898	3.798	3.76	3.513	3.399	3.135
0.749	3.199	3.471	3.588	3.502	3.412	3.205	3.044	2.73	3.139
0.891	3.225	3.633	3.783	3.655	3.45	3.063	2.475	1.299	3.096
0.84	3.877	4.385	4.295	4.294	4.455	4.633	4.238	4.292	3.459
0.861	3.091	3.314	3.338	3.207	3.264	3.245	3.028	2.413	2.966
0.845	3.326	3.676	3.583	3.599	3.611	3.541	3.39	2.996	3.242
0.906	3.367	3.777	3.855	3.757	3.903	3.838	3.466	2.301	2.999
0.876	3.685	4.029	4.14	4.189	4.135	4.146	4.116	3.969	3.468
0.825	3.431	3.764	3.913	3.926	3.861	3.729	3.381	2.905	3.157
0.842	3.405	3.755	3.755	3.615	3.577	3.646	3.625	3.512	3.223
0.837	3.33	3.661	3.767	3.691	3.677	3.597	3.396	3.079	3.143
0.893	3.375	3.751	3.911	3.829	3.801	3.788	3.547	3.056	3.077
0.832	3.04	3.42	3.456	3.445	3.196	2.952	1.099	0	2.651
0.843	3.422	3.79	3.891	3.782	3.782	3.702	3.491	3.156	3.176
0.889	4.089	4.425	4.506	4.547	4.768	4.78	4.799	4.914	3.862
0.814	3.655	3.999	4.052	4.161	4.155	3.909	3.571	3.439	3.536
0.841	3.354	3.707	3.823	3.782	3.804	3.634	3.307	2.717	3.21
0.847	3.263	3.632	3.776	3.665	3.651	3.558	3.076	1.986	3.044
0.818	3.531	3.839	3.89	3.749	3.724	3.577	3.328	3.219	3.355
0.852	3.225	3.501	3.633	3.541	3.434	3.219	3.063	2.772	3.096
0.904	3.344	3.625	3.585	3.547	3.54	3.565	3.418	2.9	3.117
0.833	3.376	3.753	3.898	3.884	3.782	3.581	3.251	2.789	3.039
0.821	3.364	3.709	3.769	3.707	3.623	3.65	3.506	3.16	3.187
0.789	3.355	3.672	3.537	3.434	3.475	3.451	3.412	3.479	2.945
0.886	3.302	3.713	3.897	3.816	3.566	3.18	2.696	1.54	3.075
0.826	3.495	3.763	3.79	3.716	3.783	3.742	3.654	3.454	3.247
0.751	3.219	3.496	3.62	3.517	3.423	3.205	3.044	2.73	3.099
0.883	3.026	3.403	3.613	3.587	3.354	2.331	0.693	0	2.827
0.887	3.314	3.608	3.626	3.501	3.412	3.365	3.09	3.02	3.162
0.832	3.98	4.298	4.375	4.389	4.453	4.48	4.481	4.549	3.792
0.925	3.375	3.797	3.967	3.876	3.926	3.945	3.702	1.838	3.082
0.91	3.536	3.889	3.945	4.007	3.892	3.968	3.859	3.646	3.353
0.815	3.232	3.588	3.718	3.642	3.45	3.128	2.762	2.12	3.194
0.756	2.852	3.154	2.995	2.967	3.149	2.751	2.397	1.98	2.439
0.901	3.486	3.995	4.232	4.196	4.003	3.7	3.462	3.149	3.352
0.811	3.217	3.515	3.673	3.53	3.497	3.184	2.979	2.924	2.874
0.826	3.091	3.277	3.212	3.055	3.128	2.908	2.67	2.651	2.83
0.76	2.697	2.962	2.956	2.603	2.335	2.367	1.153	0	2.543
0.888	3.232	3.575	3.714	3.633	3.542	3.091	2.216	0.693	3.071
0.878	3.491	3.945	4.197	4.155	3.844	3.614	2.826	2.565	3.337
0.826	3.591	3.925	4.03	4.2	4.201	4.247	4.11	4.016	3.254
0.847	3.269	3.602	3.715	3.602	3.58	3.462	3.194	2.594	3.03
0.859	3.217	3.578	3.672	3.552	3.597	3.406	2.979	1.838	3.01
0.825	3.434	3.836	3.815	3.801	3.766	3.588	3.134	2.663	3.141
0.901	3.15	3.52	3.689	3.719	3.592	2.871	1.386	0	2.986



0.858	3.091	3.302	3.306	3.159	3.198	3.096	2.806	2.639	2.83
0.792	3.395	3.67	3.829	3.81	3.75	3.521	3.247	3.116	3.224
0.88	3.417	3.915	4.178	4.118	3.717	3.41	2.447	1.252	3.185
0.891	4.132	4.458	4.535	4.569	4.767	4.78	4.808	4.894	3.883
0.858	3.68	4.062	4.129	4.015	3.825	3.628	3.555	3.408	3.42
0.823	3.091	3.352	3.225	3.108	3.137	2.862	2.704	2.655	2.823
0.918	3.546	3.903	3.957	4.027	3.912	3.995	3.887	3.663	3.336
0.903	3.455	3.957	4.188	4.118	3.9	3.558	3.386	3.044	3.316
0.895	3.455	3.957	4.188	4.118	3.9	3.558	3.386	3.044	3.316
0.758	3.308	3.655	3.733	3.547	3.344	3.192	3.034	2.814	3.061
0.755	3.308	3.685	3.784	3.584	3.476	3.448	3.029	1.609	3.061
0.783	2.772	3.039	2.938	2.627	2.519	2.335	1.609	0	2.371
0.867	3.602	3.923	4.089	3.921	3.889	3.744	3.469	3.173	3.306
0.879	3.15	3.472	3.39	3.271	3.036	2.803	2.826	2.662	2.992
0.874	3.344	3.602	3.662	3.612	3.701	3.7	3.518	3.06	3.112
0.895	3.466	3.838	3.951	3.959	3.976	3.945	3.735	3.193	3.294
0.848	3.146	3.732	3.235	3.241	2.964	3.097	2.522	1.877	2.604
0.82	3.044	3.334	3.361	3.205	3.093	2.935	2.668	2.512	2.754
0.79	3.099	3.363	3.314	3.232	3.076	2.946	2.938	2.772	2.944
0.819	3.143	3.436	3.519	3.418	3.32	3.157	3.004	2.639	2.995
0.886	3.565	3.949	4.013	4.025	3.932	4.023	3.959	3.721	3.387
0.848	3.526	3.883	3.91	3.839	3.91	3.828	3.606	3.423	3.357
0.875	3.576	3.775	3.758	3.705	3.675	3.655	3.363	3.294	3.043
0.79	3.412	3.725	3.588	3.493	3.575	3.384	3.264	3.247	3.187
0.817	2.996	3.424	3.611	3.68	2.909	2.773	1.541	1.3	2.701
0.811	3.579	3.911	3.868	3.907	3.913	3.562	3.445	3.536	3.276
0.752	3.29	3.597	3.642	3.62	3.611	3.661	3.651	3.412	3.203
0.797	3.649	4.036	3.822	3.906	3.992	3.775	3.417	2.726	2.894
0.76	3.258	3.555	3.68	3.629	3.546	3.423	3.135	2.73	3.143
0.825	3.289	3.67	3.611	3.384	3.164	3.194	3.044	2.946	3.091
0.733	3.583	3.991	4.084	4.011	3.902	3.808	3.694	3.637	3.428
0.731	3.044	3.412	3.385	2.996	2.793	2.489	1.674	0	2.9
0.869	3.32	3.675	3.761	3.826	3.814	3.753	3.219	2.685	3.16
0.864	3.707	3.968	4.069	4.028	4.031	4.061	4.005	3.896	3.439
0.872	3.339	3.678	3.746	3.724	3.507	3.385	3.248	3.108	3.102
0.854	3.703	4.077	4.075	3.948	3.8	3.7	3.505	3.356	3.388
0.848	3.264	3.589	3.395	3.283	3.303	3.277	3.114	2.911	3.016
0.853	3.256	3.363	3.176	3.213	3.001	2.428	1.575	0	2.604
0.869	4.091	4.622	4.807	4.861	4.862	4.715	4.418	4.34	3.772
0.888	3.466	3.844	3.962	3.907	3.783	3.593	3.425	3.255	3.28
0.905	3.326	3.81	4.008	3.905	3.518	3.142	1.586	0.847	3.141
0.889	3.531	3.995	4.228	4.194	3.922	3.736	3.07	2.852	3.355
0.882	3.431	3.752	3.693	3.519	3.451	3.406	3.387	3.332	3.173
0.756	3.199	3.471	3.588	3.502	3.412	3.205	3.044	2.73	3.139
0.915	3.888	4.345	4.59	4.64	4.565	4.53	4.521	4.478	3.607
0.845	3.282	3.609	3.547	3.487	3.317	3.325	3.457	3.329	2.918
0.848	3.549	3.911	4.035	4.002	3.962	3.819	3.658	3.562	3.333
0.696	2.953	3.291	3.212	2.998	2.953	2.596	2.552	1.946	2.595
0.835	3.348	3.535	3.459	3.503	3.354	3.155	3.204	2.846	2.861
0.849	3.645	4.015	4.054	3.94	3.723	3.592	3.516	3.356	3.403

0.789	3.258	3.554	3.665	3.588	3.361	3.171	3.251	3.028	2.904
0.825	3.286	3.683	3.592	3.503	3.409	3.401	3.188	3.075	3.027
0.848	3.411	3.797	3.865	3.716	3.741	3.502	3.389	3.138	3.107
0.792	3.646	3.915	4.112	4.054	3.878	3.846	3.809	3.542	3.397
0.88	3.976	4.31	4.377	4.438	4.646	4.654	4.679	4.753	3.678
0.805	2.854	3.194	3.138	2.935	2.627	1.992	0.693	0	2.623
0.839	3.736	4.053	4.034	3.863	3.92	3.949	3.893	3.803	3.538
0.827	3.083	3.34	3.218	3.116	3.142	2.862	2.708	2.639	2.841
0.817	2.918	3.329	3.437	3.211	2.34	0.847	0	0	2.457
0.825	3.535	3.832	3.829	3.748	3.813	3.778	3.721	3.535	3.266
0.83	3.3	3.599	3.617	3.514	3.359	3.304	3.034	3.024	3.085
0.821	3.364	3.709	3.769	3.707	3.623	3.65	3.506	3.16	3.187
0.888	4.129	4.581	4.83	4.873	4.947	5.026	5.131	5.1	3.791
0.907	3.86	4.327	4.558	4.596	4.537	4.481	4.456	4.388	3.593
0.784	3.171	3.434	3.593	3.487	3.384	3.121	2.833	2.234	3.067
0.901	3.533	4.079	4.404	4.313	4.096	3.824	3.59	3.223	3.366
0.69	3.098	3.302	3.291	3.264	3.258	3.164	2.979	2.512	2.95
0.631	3.799	4.092	4.239	4.332	4.481	4.498	4.476	4.406	3.464
0.872	3.683	4.08	4.067	3.963	3.815	3.634	3.595	3.529	3.403
0.829	2.485	2.896	2.793	2.19	0.847	0	0	0	2.242
0.871	3.341	3.726	3.881	3.878	3.707	3.446	3.019	2.532	2.997
0.877	3.373	3.832	4.044	3.97	3.603	3.301	2.324	1.252	3.163
0.852	3.469	3.865	3.92	3.884	3.907	3.811	3.675	3.49	3.205
0.845	4.186	4.581	4.612	4.697	4.534	4.498	4.429	4.286	3.836
0.86	3.893	4.288	4.29	4.405	4.229	4.242	4.148	3.908	3.533
0.886	3.147	3.562	3.826	3.511	3.403	3.096	2.373	1.724	2.751
0.88	3.693	4.062	4.093	4.016	3.97	3.917	3.819	3.625	3.367
0.857	3.012	3.256	3.302	3.348	3.338	2.918	1.946	0.693	2.829
0.757	3.646	3.951	4.151	4.238	4.162	3.987	3.923	3.803	3.389
0.9	3.439	3.938	4.196	4.145	3.817	3.544	2.582	2.197	3.244
0.848	3.74	4.06	4.165	4.27	4.275	4.266	4.131	4.054	3.464
0.756	3.421	3.769	3.944	4.109	4.121	4.143	3.824	2.233	3.085
0.835	3.453	3.799	3.941	4.084	4.071	4.036	3.815	3.545	3.13
0.782	3.15	3.407	3.56	3.471	3.379	3.121	2.833	2.234	3.109
0.866	4.028	4.397	4.59	4.623	4.59	4.483	4.469	4.461	3.705
0.852	3.846	4.123	4.139	4.189	4.188	4.347	4.261	4.031	3.387
0.826	3.35	3.658	3.698	3.529	3.376	3.31	3.196	3.101	3.098
0.824	2.741	2.918	2.853	2.663	2.59	2.319	1.946	1.386	2.645
0.905	3.305	3.692	3.932	3.593	3.472	3.437	3.334	3.016	3.109
0.884	3.74	4.002	4.036	3.935	3.764	3.617	3.449	3.461	3.275
0.87	2.918	3.258	3.314	3.062	2.59	1.946	1.099	0	2.838
0.885	3.245	3.722	3.85	3.593	3.32	3.06	2.751	2.233	3.179
0.867	3.545	3.893	3.864	3.666	3.499	3.406	3.319	3.257	3.232
0.776	3.157	3.46	3.506	3.483	3.506	3.192	2.833	2.47	2.977
0.905	4.324	4.793	5.068	5.287	5.4	5.385	5.287	5.162	4.074
0.901	4.274	4.729	4.993	5.185	5.295	5.244	5.125	4.968	4.039
0.601	2.651	3.113	2.803	2.015	0	0	0	0	2.617
0.759	3.091	3.438	3.583	3.536	3.434	2.565	1.386	0	2.96
0.873	3.574	3.906	4.202	4.25	4.208	4.096	3.972	3.657	3.277
0.898	4.108	4.571	4.806	4.847	4.911	4.979	5.08	5.033	3.78

0.888	4.031	4.459	4.603	4.593	4.64	4.694	4.754	4.652	3.644
0.812	3.487	3.855	3.865	3.586	3.453	3.589	3.367	3.213	3.278
0.841	3.761	4.123	4.095	3.958	3.893	3.885	3.766	3.698	3.548
0.875	3.976	4.328	4.331	4.362	4.448	4.438	4.435	4.496	3.793
0.764	2.639	2.908	3.158	2.895	2.538	1.976	1.021	0	2.205
0.879	3.501	3.957	4.213	4.176	3.881	3.662	2.846	2.59	3.319
0.862	3.909	4.276	4.348	4.345	4.343	4.417	4.497	4.509	3.691
0.878	4.326	4.769	5.005	5.171	5.329	5.378	5.33	5.186	4.079
0.823	3.463	3.63	3.512	3.423	3.397	3.394	3.184	2.716	2.951
0.753	3.693	4.046	4.132	4.083	4	3.878	3.761	3.471	3.614
0.799	3.32	3.678	3.68	3.567	3.674	3.629	3.439	2.918	3.139
0.855	3.907	4.194	4.183	4.247	4.346	4.27	4.312	4.286	3.481
0.78	3.55	3.882	3.854	3.767	3.543	3.264	3.236	3.303	3.298
0.814	3.169	3.452	3.42	3.288	3.372	3.403	3.206	2.731	2.969
0.869	3.143	3.295	3.273	3.199	2.948	2.805	2.661	2.517	2.696
0.889	4.248	4.731	4.88	4.823	4.748	4.693	4.636	4.39	3.966
0.842	3.646	4.01	4.227	4.24	4.269	4.185	4.021	3.603	3.311
0.864	3.696	3.953	3.885	3.753	3.746	3.681	3.614	3.51	3.359
0.724	2.953	3.214	3.255	3.135	3.028	2.639	2.651	2.398	2.772
0.753	3.728	4.102	4.23	4.21	4.256	4.241	3.965	3.687	3.561
0.805	2.854	3.194	3.138	2.935	2.627	1.992	0.693	0	2.623
0.818	3.588	3.935	4.013	3.959	3.798	3.63	3.451	3.371	3.228
0.864	3.106	3.373	3.361	3.187	3.098	2.89	2.803	2.627	2.94
0.844	4.172	4.501	4.449	4.459	4.616	4.638	4.642	4.743	3.86
0.877	4.055	4.423	4.462	4.493	4.587	4.635	4.64	4.68	3.869
0.901	4.306	4.78	5.051	5.26	5.355	5.325	5.239	5.104	4.066
0.696	3.15	3.527	3.589	3.64	3.545	3.06	2.037	0.693	2.986
0.903	3.395	3.749	3.833	3.701	3.631	3.53	3.375	3.068	3.219
0.898	3.395	3.742	3.843	3.746	3.693	3.544	3.304	3.028	3.219
0.765	3.308	3.655	3.733	3.547	3.344	3.192	3.034	2.814	3.061
0.875	3.619	4.014	3.936	3.815	3.827	3.773	3.528	3.507	3.142
0.9	3.205	3.646	3.738	3.476	3.192	2.908	2.662	2.233	3.137
0.758	3.219	3.496	3.62	3.517	3.423	3.205	3.044	2.73	3.099
0.899	3.455	3.957	4.188	4.118	3.9	3.558	3.386	3.044	3.316
0.849	3.712	4.025	4.133	4.222	4.232	4.218	4.098	3.979	3.442
0.892	3.599	3.918	4.037	4.036	3.755	3.476	3.394	3.076	3.098
0.858	3.562	3.859	3.952	3.84	3.676	3.57	3.375	3.192	3.133
0.757	3.728	4.102	4.23	4.21	4.256	4.241	3.965	3.687	3.561
0.883	3.45	3.856	4.044	4.123	3.988	3.786	3.472	2.959	3.132
0.877	3.32	3.792	3.919	3.807	3.455	3.232	2.962	2.751	3.259
0.858	3.308	3.645	3.606	3.508	3.419	3.291	3.123	2.823	3.055
0.803	3.471	3.718	3.766	3.81	3.905	3.85	3.597	3.251	3.371
0.795	3.646	3.915	4.112	4.054	3.878	3.846	3.809	3.542	3.397
0.852	3.411	3.797	3.865	3.716	3.741	3.502	3.389	3.138	3.107
0.847	3.422	3.79	3.891	3.782	3.782	3.702	3.491	3.156	3.176
0.742	3.04	3.42	3.456	3.445	3.196	2.952	1.099	0	2.651
0.842	3.736	4.053	4.034	3.863	3.92	3.949	3.893	3.803	3.538
0.834	3.3	3.599	3.617	3.514	3.359	3.304	3.034	3.024	3.085
0.885	3.245	3.722	3.85	3.593	3.32	3.06	2.751	2.233	3.179
0.846	3.646	4.01	4.227	4.24	4.269	4.185	4.021	3.603	3.311

0.781	3.171	3.434	3.593	3.487	3.384	3.121	2.833	2.234	3.067
0.897	3.412	3.878	4.051	4.043	3.806	3.479	3.24	2.908	3.298
0.902	4.306	4.78	5.051	5.26	5.355	5.325	5.239	5.104	4.066
0.884	3.661	3.995	4.127	4.111	3.747	3.466	3.431	3.178	3.06
0.757	3.693	4.046	4.132	4.083	4	3.878	3.761	3.471	3.614
0.84	3.348	3.535	3.459	3.503	3.354	3.155	3.204	2.846	2.861
0.903	3.455	3.957	4.188	4.118	3.9	3.558	3.386	3.044	3.316
0.915	3.888	4.345	4.59	4.64	4.565	4.53	4.521	4.478	3.607
0.824	3.376	3.753	3.898	3.884	3.782	3.581	3.251	2.789	3.039
0.899	4.108	4.571	4.806	4.847	4.911	4.979	5.08	5.033	3.78
0.889	4.248	4.731	4.88	4.823	4.748	4.693	4.636	4.39	3.966
0.823	3.083	3.34	3.218	3.116	3.142	2.862	2.708	2.639	2.841
0.869	3.143	3.295	3.273	3.199	2.948	2.805	2.661	2.517	2.696
0.804	4.552	4.925	5.166	5.332	5.455	5.423	5.504	5.548	4.267
0.921	4.031	4.459	4.599	4.617	4.691	4.78	4.781	4.579	3.644
0.829	3.364	3.736	3.872	3.866	3.773	3.569	3.251	2.789	3.068
0.837	3.519	3.937	4.077	4.124	4.044	3.845	3.634	2.923	3.187
0.878	4.326	4.769	5.005	5.171	5.329	5.378	5.33	5.186	4.079
0.875	3.693	4.062	4.093	4.019	3.945	3.938	3.798	3.65	3.367
0.871	3.619	3.957	4.026	4.042	3.773	3.498	3.459	3.145	3.06
0.86	3.893	4.288	4.29	4.405	4.229	4.242	4.148	3.908	3.533
0.837	3.519	3.934	4.097	4.124	4.041	3.836	3.568	2.967	3.187

ATS2v	ATS3v	ATS4v	ATS5v	ATS6v	ATS7v	ATS8v	ATS1e	ATS2e	ATS3e
3.497	3.591	3.554	3.492	3.568	3.588	3.347	3.337	3.632	3.709
3.243	3.238	3.231	3.207	3.054	2.977	2.853	3.306	3.587	3.599
3.485	3.6	3.55	3.498	3.253	2.883	2.09	3.323	3.688	3.784
2.978	2.91	2.857	2.819	2.561	2.408	2.389	3.011	3.224	3.21
3.435	3.497	3.385	3.226	3.132	3.105	3.02	3.4	3.764	3.839
3.456	3.575	3.487	3.381	3.126	2.9	2.667	3.198	3.471	3.588
3.5	3.608	3.461	3.225	2.748	2.002	0.705	3.224	3.632	3.781
3.769	3.794	3.773	3.88	3.843	3.748	3.709	3.856	4.341	4.269
3.167	3.125	3.025	3.14	3.169	2.933	2.37	3.09	3.313	3.337
3.573	3.432	3.411	3.46	3.418	3.329	2.996	3.325	3.675	3.582
3.292	3.373	3.241	3.198	2.974	2.415	1.36	3.155	3.486	3.589
3.822	3.912	3.941	3.871	3.866	3.801	3.697	3.682	4.026	4.138
3.427	3.579	3.522	3.424	3.172	2.899	2.551	3.425	3.755	3.902
3.53	3.534	3.398	3.376	3.388	3.394	3.25	3.346	3.672	3.672
3.471	3.571	3.514	3.459	3.288	3.053	2.778	3.267	3.569	3.684
3.392	3.516	3.396	3.368	3.172	2.758	1.917	3.313	3.666	3.801
2.903	2.745	2.601	2.447	2.341	1.099	0	2.862	3.167	3.043
3.521	3.603	3.472	3.557	3.42	3.103	2.623	3.363	3.709	3.817
4.101	4.137	4.179	4.294	4.379	4.471	4.515	4.087	4.422	4.503
3.875	3.932	3.975	3.943	3.745	3.455	3.34	3.654	3.998	4.051
3.54	3.676	3.615	3.642	3.376	2.764	1.855	3.292	3.62	3.746
3.369	3.488	3.381	3.285	3.088	2.504	1.507	3.194	3.537	3.694
3.693	3.675	3.517	3.504	3.375	3.148	2.993	3.53	3.838	3.889
3.409	3.504	3.426	3.347	3.104	2.881	2.596	3.224	3.501	3.632
3.368	3.292	3.25	3.271	3.301	3.193	2.72	3.224	3.487	3.475
3.369	3.462	3.383	3.264	3.011	2.757	2.381	3.369	3.744	3.886
3.534	3.568	3.528	3.452	3.353	3.251	2.874	3.359	3.702	3.762
3.185	3.135	3.051	3.079	2.9	2.888	2.941	3.352	3.668	3.534
3.511	3.662	3.545	3.297	2.811	2.123	1.106	3.3	3.712	3.896
3.509	3.552	3.509	3.603	3.502	3.258	2.951	3.441	3.68	3.709
3.407	3.513	3.462	3.36	3.126	2.9	2.667	3.217	3.495	3.618
3.14	3.245	3.128	2.847	2.016	0.693	0	2.94	3.283	3.464
3.391	3.358	3.143	3.08	2.99	2.857	2.818	3.313	3.606	3.624
4.051	4.076	4.074	4.085	4.143	4.176	4.29	3.978	4.296	4.373
3.398	3.507	3.399	3.393	3.226	2.622	1.256	3.251	3.631	3.791
3.628	3.693	3.662	3.667	3.668	3.608	3.405	3.535	3.888	3.943
3.575	3.706	3.63	3.404	3.019	2.601	2	3.232	3.588	3.717
2.637	2.524	2.617	2.509	2.035	1.762	0.899	2.85	3.15	2.993
3.831	4.011	3.931	3.65	3.398	3.027	2.716	3.485	3.994	4.231
3.125	3.22	3.005	2.802	2.692	2.6	2.55	3.144	3.407	3.525
3.003	2.91	2.767	2.759	2.523	2.413	2.419	3.089	3.275	3.21
2.768	2.633	2.502	2.24	2.172	0.991	0	2.696	2.96	2.954
3.435	3.568	3.486	3.413	2.953	2.163	0.693	3.23	3.573	3.712
3.747	3.927	3.906	3.625	3.305	2.699	2.355	3.49	3.943	4.195
3.557	3.711	3.767	3.811	3.785	3.613	3.334	3.588	3.922	4.028
3.322	3.423	3.301	3.259	3.003	2.607	1.754	3.266	3.599	3.713
3.297	3.375	3.247	3.207	2.94	2.325	1.256	3.146	3.477	3.58
3.501	3.523	3.428	3.487	3.337	2.908	2.386	3.323	3.678	3.74
3.296	3.469	3.422	3.23	2.446	1.386	0	3.148	3.518	3.687

2.954	2.87	2.858	2.906	2.689	2.547	2.435	3.089	3.299	3.303
3.447	3.536	3.477	3.45	3.288	3.072	2.932	3.394	3.669	3.828
3.682	3.874	3.767	3.361	2.9	2.066	0.791	3.416	3.914	4.176
4.122	4.153	4.176	4.266	4.349	4.427	4.478	4.13	4.455	4.532
3.763	3.799	3.631	3.488	3.352	3.224	3.121	3.674	4.055	4.122
2.975	2.876	2.81	2.749	2.412	2.339	2.421	3.089	3.349	3.222
3.602	3.668	3.63	3.629	3.623	3.554	3.372	3.544	3.901	3.956
3.787	3.955	3.828	3.525	3.234	2.951	2.611	3.454	3.956	4.186
3.787	3.955	3.828	3.525	3.234	2.951	2.611	3.454	3.956	4.186
3.385	3.41	3.337	3.214	3.038	2.806	2.531	3.183	3.474	3.512
3.408	3.468	3.348	3.363	3.244	2.807	1.609	3.183	3.509	3.575
2.666	2.469	2.212	2.202	1.917	1.609	0	2.769	3.036	2.935
3.601	3.727	3.606	3.665	3.537	3.197	2.819	3.509	3.786	3.906
3.288	3.236	3.132	2.781	2.535	2.508	2.402	3.149	3.471	3.389
3.314	3.32	3.302	3.456	3.469	3.296	2.886	3.342	3.6	3.659
3.641	3.735	3.731	3.804	3.684	3.321	2.747	3.464	3.837	3.95
2.875	2.722	2.46	2.055	1.726	1.329	0.618	2.978	3.5	3.082
3.048	3.076	2.882	2.832	2.648	2.402	2.175	3.042	3.331	3.359
3.18	3.157	3.082	2.852	2.796	2.818	2.596	3.097	3.361	3.313
3.248	3.286	3.179	3.037	2.97	2.98	2.639	3.141	3.434	3.516
3.705	3.742	3.688	3.717	3.742	3.735	3.5	3.564	3.947	4.012
3.693	3.692	3.555	3.631	3.581	3.47	3.36	3.525	3.881	3.908
3.33	3.341	3.197	3.02	2.974	2.96	2.862	3.331	3.696	3.678
3.412	3.26	3.14	3.176	3.024	3.055	3.066	3.41	3.722	3.585
3.002	3.196	3.016	2.533	2.161	1.128	0.736	2.911	3.292	3.518
3.581	3.516	3.496	3.501	3.33	3.023	3.272	3.382	3.698	3.644
3.481	3.562	3.524	3.46	3.531	3.544	3.298	3.289	3.596	3.641
3.257	3.267	3.183	3.134	2.979	2.618	1.753	3.406	4.004	3.784
3.471	3.554	3.58	3.49	3.36	3.004	2.667	3.257	3.554	3.679
3.44	3.38	2.937	2.832	2.917	2.906	2.789	3.288	3.668	3.609
3.785	3.847	3.69	3.58	3.56	3.549	3.491	3.582	3.989	4.082
3.279	3.233	2.843	2.53	2.236	1.479	0	3.043	3.41	3.383
3.445	3.501	3.471	3.472	3.312	2.999	2.567	3.319	3.673	3.76
3.65	3.696	3.623	3.64	3.665	3.625	3.514	3.704	3.966	4.065
3.404	3.504	3.483	3.298	3.125	2.923	2.788	3.336	3.675	3.743
3.744	3.706	3.515	3.386	3.283	3.146	3.011	3.566	3.927	3.884
3.355	3.219	3.1	3.068	2.991	2.773	2.525	3.262	3.587	3.394
2.856	2.673	2.446	2.139	1.709	1	0	2.902	3.303	3.018
4.207	4.332	4.361	4.308	4.236	4.041	3.946	3.993	4.495	4.659
3.68	3.769	3.695	3.531	3.314	3.173	2.933	3.464	3.842	3.96
3.616	3.766	3.636	3.2	2.596	1.053	0.413	3.325	3.809	4.006
3.771	3.922	3.88	3.62	3.339	2.884	2.642	3.53	3.993	4.226
3.467	3.411	3.23	3.149	3.12	3.062	2.975	3.426	3.744	3.685
3.456	3.575	3.487	3.381	3.126	2.9	2.667	3.198	3.471	3.588
4.006	4.158	4.101	4.05	4.036	4.012	3.93	3.887	4.343	4.588
3.093	3.097	2.999	2.963	2.955	2.871	2.638	3.266	3.565	3.523
3.663	3.823	3.771	3.789	3.563	3.162	2.953	3.498	3.839	3.973
3.015	2.872	2.706	2.613	2.307	2.081	1.946	2.95	3.289	3.21
3.066	2.936	2.912	2.867	2.593	2.508	2.457	3.226	3.435	3.263
3.739	3.771	3.589	3.448	3.334	3.203	3.105	3.64	4.008	4.048

3.222	3.29	3.162	3.064	2.799	2.683	2.455	3.255	3.55	3.662
3.238	3.207	3.093	3.129	3.109	2.961	2.65	3.271	3.642	3.57
3.451	3.474	3.396	3.331	3.173	2.972	2.658	3.234	3.55	3.585
3.742	3.894	3.822	3.68	3.554	3.554	3.339	3.644	3.914	4.11
3.913	3.944	3.979	4.085	4.155	4.203	4.244	3.974	4.307	4.373
2.897	2.882	2.648	2.461	1.874	0.693	0	2.851	3.191	3.135
3.834	3.806	3.641	3.722	3.805	3.731	3.526	3.731	4.047	4.028
3.006	2.893	2.791	2.72	2.412	2.353	2.435	3.081	3.337	3.216
2.918	2.899	2.604	1.956	0.413	0	0	2.913	3.324	3.433
3.531	3.559	3.524	3.617	3.513	3.297	3.003	3.482	3.755	3.751
3.33	3.386	3.245	3.117	3.004	2.802	2.693	3.234	3.5	3.521
3.534	3.568	3.528	3.452	3.353	3.251	2.874	3.359	3.702	3.762
4.175	4.358	4.445	4.493	4.639	4.695	4.627	4.128	4.579	4.828
3.997	4.146	4.08	4.032	4.013	3.979	3.889	3.859	4.326	4.556
3.338	3.483	3.43	3.335	3.034	2.651	2.127	3.17	3.433	3.591
3.858	4.067	3.961	3.666	3.372	3.125	2.761	3.529	4.071	4.392
3.188	3.109	3.033	3.153	3.081	2.878	2.433	3.097	3.301	3.29
3.738	3.869	3.949	4.064	4.118	4.134	4.031	3.796	4.088	4.235
3.74	3.749	3.614	3.409	3.221	3.25	3.198	3.638	4.019	4.005
2.574	2.348	1.502	0.413	0	0	0	2.483	2.893	2.79
3.351	3.492	3.425	3.255	2.815	2.394	2.191	3.334	3.717	3.873
3.642	3.811	3.7	3.315	2.857	1.999	0.791	3.371	3.831	4.042
3.545	3.626	3.553	3.524	3.385	3.173	2.868	3.414	3.79	3.849
4.178	4.232	4.192	4.13	4.041	3.982	3.927	4.131	4.506	4.522
3.864	3.879	3.818	3.797	3.751	3.603	3.478	3.82	4.188	4.166
3.049	3.091	2.828	2.591	2.258	1.626	0.871	2.988	3.347	3.409
3.645	3.685	3.593	3.513	3.447	3.379	3.247	3.69	4.057	4.089
3.062	3.075	3.004	3.005	2.691	1.946	0.693	3.011	3.254	3.3
3.665	3.807	3.793	3.697	3.607	3.54	3.42	3.644	3.949	4.148
3.699	3.888	3.823	3.476	3.077	2.34	1.877	3.438	3.937	4.194
3.783	3.879	3.878	3.905	3.796	3.619	3.465	3.738	4.058	4.163
3.435	3.62	3.674	3.684	3.496	2.997	1.8	3.418	3.766	3.942
3.451	3.628	3.669	3.674	3.529	3.226	2.658	3.451	3.796	3.939
3.391	3.547	3.456	3.346	3.034	2.651	2.127	3.149	3.407	3.56
4.115	4.261	4.227	4.179	4.111	4.066	4.072	4.026	4.395	4.588
3.67	3.733	3.761	3.831	3.889	3.8	3.492	3.661	4.063	4.071
3.389	3.39	2.997	2.948	2.952	2.928	2.821	3.348	3.656	3.696
2.838	2.797	2.594	2.517	2.272	1.946	1.386	2.74	2.917	2.852
3.446	3.529	3.37	3.234	3.015	2.734	2.24	3.172	3.508	3.615
3.526	3.488	3.287	3.265	3.236	3.144	2.988	3.535	3.907	3.908
3.143	3.146	2.871	2.517	1.946	1.099	0	2.917	3.257	3.312
3.639	3.739	3.498	3.16	2.893	2.447	1.8	3.245	3.721	3.849
3.538	3.527	3.306	3.151	3.015	2.948	2.927	3.492	3.819	3.788
3.305	3.313	3.265	3.308	3.041	2.537	1.982	3.155	3.459	3.505
4.551	4.787	4.994	5.024	5.018	4.944	4.83	4.322	4.791	5.066
4.509	4.74	4.914	4.947	4.931	4.832	4.705	4.272	4.727	4.991
3.049	2.714	1.806	0	0	0	0	2.65	3.113	2.802
3.257	3.42	3.34	3.146	2.343	1.386	0	3.09	3.436	3.582
3.639	3.932	3.918	3.899	3.697	3.468	3.049	3.572	3.904	4.2
4.16	4.318	4.415	4.435	4.595	4.624	4.558	4.106	4.569	4.804

4.05	4.158	4.162	4.208	4.217	4.184	4.014	4.029	4.457	4.601
3.568	3.549	3.285	3.152	3.066	2.997	2.935	3.429	3.774	3.785
3.892	3.892	3.764	3.711	3.672	3.542	3.442	3.759	4.12	4.092
4.109	4.068	4.046	4.087	4.151	4.182	4.183	3.975	4.325	4.329
2.314	2.241	1.963	1.575	0.935	0.233	0	2.636	2.905	3.154
3.724	3.902	3.866	3.565	3.227	2.666	2.307	3.5	3.956	4.211
4.002	4.008	3.915	3.94	4.076	4.108	4.116	3.841	4.205	4.256
4.447	4.641	4.73	4.845	4.93	4.866	4.78	4.325	4.767	5.003
3.283	3.207	3.063	3.005	2.899	2.647	2.319	3.184	3.539	3.41
3.944	3.989	3.932	3.878	3.743	3.562	3.371	3.692	4.045	4.131
3.494	3.481	3.375	3.422	3.421	3.24	2.845	3.318	3.676	3.678
3.744	3.687	3.718	3.803	3.838	3.855	3.82	3.736	4.09	4.078
3.614	3.589	3.401	3.243	3.01	2.959	3.073	3.548	3.879	3.852
3.25	3.21	3.112	3.176	3.13	2.838	2.163	3.094	3.338	3.302
2.837	2.763	2.622	2.484	2.316	2.165	2.169	2.991	3.165	3.045
4.375	4.506	4.434	4.353	4.317	4.159	3.948	4.247	4.729	4.878
3.638	3.796	3.796	3.852	3.813	3.674	3.244	3.558	3.886	4.034
3.682	3.614	3.438	3.45	3.414	3.309	3.228	3.491	3.856	3.78
2.998	3.051	2.881	2.628	2.424	2.617	2.398	2.951	3.212	3.252
3.916	4.009	3.993	4.041	3.959	3.784	3.51	3.686	4.043	4.179
2.897	2.882	2.648	2.461	1.874	0.693	0	2.851	3.191	3.135
3.573	3.621	3.508	3.434	3.262	3.013	2.942	3.585	3.931	4.009
3.163	3.107	2.94	2.819	2.561	2.535	2.451	3.105	3.371	3.359
4.123	4.053	4.062	4.154	4.232	4.281	4.363	4.066	4.38	4.362
4.17	4.18	4.141	4.191	4.269	4.311	4.363	4.053	4.421	4.459
4.548	4.778	4.98	5.002	4.999	4.918	4.803	4.304	4.778	5.049
3.29	3.335	3.328	3.229	2.738	1.796	0.693	3.148	3.524	3.587
3.581	3.64	3.452	3.352	3.28	3.164	2.869	3.394	3.748	3.832
3.595	3.679	3.518	3.405	3.251	3.082	2.8	3.394	3.74	3.841
3.385	3.41	3.337	3.214	3.038	2.806	2.531	3.183	3.474	3.512
3.409	3.366	3.254	3.173	3.106	2.954	2.871	3.452	3.879	3.783
3.557	3.613	3.369	3.047	2.711	2.402	1.8	3.205	3.646	3.737
3.407	3.513	3.462	3.36	3.126	2.9	2.667	3.217	3.495	3.618
3.787	3.955	3.828	3.525	3.234	2.951	2.611	3.454	3.956	4.186
3.736	3.837	3.824	3.843	3.738	3.563	3.342	3.71	4.023	4.131
3.421	3.498	3.331	3.131	2.967	2.903	2.711	3.36	3.779	3.914
3.466	3.483	3.351	3.091	3.01	2.964	2.902	3.396	3.738	3.813
3.916	4.009	3.993	4.041	3.959	3.784	3.51	3.686	4.043	4.179
3.484	3.609	3.569	3.419	3.184	2.883	2.626	3.439	3.843	4.025
3.715	3.851	3.691	3.316	3.093	2.776	2.447	3.32	3.791	3.918
3.34	3.29	3.133	3.073	2.98	2.765	2.486	3.306	3.642	3.604
3.644	3.698	3.743	3.869	3.794	3.489	3.057	3.47	3.717	3.766
3.742	3.894	3.822	3.68	3.554	3.554	3.339	3.644	3.914	4.11
3.451	3.474	3.396	3.331	3.173	2.972	2.658	3.234	3.55	3.585
3.521	3.603	3.472	3.557	3.42	3.103	2.623	3.363	3.709	3.817
2.903	2.745	2.601	2.447	2.341	1.099	0	2.862	3.167	3.043
3.834	3.806	3.641	3.722	3.805	3.731	3.526	3.731	4.047	4.028
3.33	3.386	3.245	3.117	3.004	2.802	2.693	3.234	3.5	3.521
3.639	3.739	3.498	3.16	2.893	2.447	1.8	3.245	3.721	3.849
3.638	3.796	3.796	3.852	3.813	3.674	3.244	3.558	3.886	4.034



3.338	3.483	3.43	3.335	3.034	2.651	2.127	3.17	3.433	3.591
3.751	3.899	3.799	3.487	3.193	2.868	2.532	3.411	3.877	4.05
4.548	4.778	4.98	5.002	4.999	4.918	4.803	4.304	4.778	5.049
3.396	3.411	3.262	2.989	2.864	2.843	2.654	3.33	3.762	3.858
3.944	3.989	3.932	3.878	3.743	3.562	3.371	3.692	4.045	4.131
3.066	2.936	2.912	2.867	2.593	2.508	2.457	3.226	3.435	3.263
3.787	3.955	3.828	3.525	3.234	2.951	2.611	3.454	3.956	4.186
4.006	4.158	4.101	4.05	4.036	4.012	3.93	3.887	4.343	4.588
3.369	3.462	3.383	3.264	3.011	2.757	2.381	3.369	3.744	3.886
4.16	4.318	4.415	4.435	4.595	4.624	4.558	4.106	4.569	4.804
4.375	4.506	4.434	4.353	4.317	4.159	3.948	4.247	4.729	4.878
3.006	2.893	2.791	2.72	2.412	2.353	2.435	3.081	3.337	3.216
2.837	2.763	2.622	2.484	2.316	2.165	2.169	2.991	3.165	3.045
4.593	4.757	4.906	5.039	5.055	5.133	5.165	4.549	4.922	5.163
4.05	4.162	4.185	4.241	4.268	4.199	3.933	4.029	4.457	4.597
3.404	3.522	3.429	3.284	3.026	2.757	2.381	3.357	3.728	3.861
3.587	3.696	3.638	3.543	3.374	3.045	2.502	3.512	3.93	4.068
4.447	4.641	4.73	4.845	4.93	4.866	4.78	4.325	4.767	5.003
3.645	3.685	3.585	3.504	3.46	3.354	3.282	3.69	4.057	4.089
3.405	3.457	3.313	3.098	2.924	2.801	2.607	3.385	3.824	3.902
3.864	3.879	3.818	3.797	3.751	3.603	3.478	3.82	4.188	4.166
3.592	3.716	3.638	3.552	3.297	2.99	2.604	3.512	3.926	4.087

ATS4e	ATS5e	ATS6e	ATS7e	ATS8e	ATS1p	ATS2p	ATS3p	ATS4p	ATS5p
3.688	3.679	3.767	3.748	3.541	3.21	3.481	3.581	3.542	3.473
3.604	3.565	3.426	3.43	3.159	3.034	3.206	3.204	3.197	3.174
3.733	3.688	3.416	3.115	2.277	3.136	3.47	3.587	3.537	3.486
3.084	3.097	2.888	2.649	2.537	2.81	2.952	2.887	2.839	2.794
3.828	3.648	3.679	3.462	3.275	3.174	3.454	3.505	3.377	3.212
3.501	3.412	3.204	3.043	2.729	3.13	3.454	3.573	3.485	3.376
3.653	3.448	3.06	2.472	1.296	3.081	3.487	3.593	3.441	3.203
4.269	4.425	4.575	4.216	4.259	3.41	3.713	3.741	3.713	3.811
3.206	3.263	3.244	3.027	2.412	2.953	3.155	3.107	3.009	3.126
3.597	3.61	3.54	3.389	2.996	3.232	3.562	3.418	3.395	3.444
3.458	3.44	3.159	2.618	1.504	2.993	3.29	3.367	3.237	3.195
4.186	4.133	4.144	4.113	3.966	3.435	3.797	3.883	3.914	3.837
3.914	3.844	3.713	3.358	2.902	3.122	3.386	3.544	3.485	3.378
3.568	3.528	3.487	3.479	3.348	3.22	3.531	3.537	3.394	3.372
3.595	3.539	3.391	3.209	2.893	3.135	3.473	3.569	3.516	3.472
3.703	3.678	3.611	3.357	2.814	3.063	3.379	3.505	3.382	3.36
2.86	2.804	2.516	1.099	0	2.655	2.925	2.788	2.682	2.451
3.693	3.694	3.559	3.26	2.816	3.157	3.508	3.584	3.451	3.549
4.544	4.764	4.777	4.796	4.911	3.836	4.067	4.1	4.137	4.244
4.16	4.153	3.907	3.57	3.439	3.522	3.863	3.92	3.952	3.918
3.701	3.725	3.49	3.007	2.126	3.208	3.544	3.679	3.617	3.644
3.573	3.491	3.282	2.774	1.721	3.036	3.366	3.479	3.375	3.283
3.748	3.723	3.576	3.327	3.217	3.337	3.679	3.656	3.495	3.485
3.54	3.433	3.218	3.061	2.771	3.081	3.401	3.493	3.416	3.338
3.45	3.38	3.365	3.247	2.807	3.155	3.414	3.307	3.276	3.314
3.87	3.763	3.563	3.23	2.786	2.992	3.321	3.409	3.33	3.207
3.703	3.619	3.637	3.49	3.143	3.167	3.518	3.549	3.511	3.434
3.43	3.472	3.448	3.407	3.476	2.889	3.129	3.08	3.005	3.035
3.814	3.564	3.178	2.693	1.538	3.052	3.493	3.642	3.52	3.271
3.673	3.743	3.649	3.461	3.213	3.233	3.503	3.551	3.496	3.593
3.516	3.422	3.204	3.043	2.729	3.08	3.393	3.497	3.454	3.35
3.369	3.058	2.151	0.693	0	2.83	3.147	3.253	3.143	2.88
3.498	3.41	3.362	3.087	3.019	3.146	3.369	3.331	3.106	3.041
4.386	4.45	4.477	4.479	4.547	3.769	4.025	4.046	4.039	4.046
3.675	3.687	3.573	3.072	1.524	3.086	3.407	3.516	3.408	3.407
4.005	3.89	3.966	3.858	3.645	3.339	3.61	3.673	3.637	3.649
3.642	3.449	3.127	2.76	2.119	3.188	3.573	3.704	3.628	3.397
2.965	3.146	2.746	2.393	1.972	2.396	2.6	2.475	2.586	2.424
4.195	4.001	3.698	3.459	3.147	3.342	3.819	3.995	3.911	3.621
3.422	3.276	3.031	2.887	2.81	2.854	3.114	3.214	2.987	2.768
3.053	3.126	2.906	2.668	2.649	2.805	2.976	2.887	2.744	2.725
2.602	2.334	2.365	1.151	0	2.528	2.748	2.607	2.492	2.225
3.631	3.54	3.089	2.215	0.693	3.045	3.414	3.545	3.462	3.393
4.154	3.842	3.612	2.825	2.564	3.321	3.728	3.902	3.884	3.605
4.197	4.199	4.244	4.107	4.012	3.222	3.524	3.681	3.727	3.773
3.599	3.577	3.458	3.19	2.589	3.003	3.29	3.387	3.265	3.222
3.449	3.428	3.151	2.641	1.524	3.005	3.295	3.367	3.242	3.205
3.631	3.605	3.445	3.048	2.543	3.159	3.533	3.521	3.454	3.537
3.716	3.59	2.868	1.386	0	2.966	3.272	3.443	3.39	3.19

3.157	3.197	3.093	2.804	2.637	2.805	2.918	2.836	2.834	2.88
3.808	3.749	3.52	3.246	3.114	3.207	3.428	3.514	3.448	3.426
4.116	3.715	3.407	2.444	1.249	3.161	3.66	3.849	3.735	3.329
4.566	4.763	4.777	4.805	4.891	3.855	4.087	4.115	4.132	4.214
4.007	3.816	3.622	3.546	3.398	3.387	3.727	3.76	3.588	3.456
3.106	3.135	2.859	2.701	2.652	2.792	2.932	2.844	2.784	2.714
4.025	3.91	3.993	3.885	3.662	3.319	3.58	3.645	3.601	3.606
4.116	3.898	3.556	3.383	3.042	3.306	3.774	3.938	3.805	3.494
4.116	3.898	3.556	3.383	3.042	3.306	3.774	3.938	3.805	3.494
3.398	3.285	3.123	2.939	2.601	3.093	3.445	3.477	3.387	3.225
3.44	3.425	3.331	2.861	1.609	3.093	3.465	3.53	3.391	3.372
2.624	2.515	2.332	1.609	0	2.314	2.634	2.421	2.163	2.17
3.813	3.82	3.664	3.408	3.102	3.32	3.637	3.779	3.616	3.674
3.27	3.034	2.801	2.824	2.661	2.976	3.272	3.222	3.119	2.753
3.61	3.699	3.698	3.516	3.059	3.09	3.288	3.294	3.275	3.433
3.958	3.975	3.943	3.732	3.189	3.278	3.623	3.715	3.711	3.787
3.046	2.833	2.622	2.45	1.802	2.641	2.925	2.751	2.454	2.021
3.203	3.091	2.933	2.665	2.509	2.716	3.023	3.047	2.846	2.805
3.231	3.074	2.944	2.937	2.771	2.922	3.157	3.137	3.064	2.825
3.416	3.318	3.155	3.004	2.639	2.974	3.223	3.257	3.153	3.007
4.023	3.93	4.021	3.958	3.72	3.374	3.688	3.72	3.663	3.7
3.837	3.908	3.827	3.605	3.422	3.336	3.675	3.669	3.524	3.603
3.62	3.503	3.565	3.304	3.155	3.076	3.332	3.345	3.195	3.006
3.49	3.573	3.382	3.262	3.245	3.16	3.375	3.224	3.101	3.133
3.517	2.717	2.416	1.124	0.731	2.712	3.005	3.206	3.015	2.599
3.621	3.617	3.449	3.216	3.331	3.346	3.66	3.599	3.595	3.618
3.619	3.61	3.659	3.65	3.411	3.192	3.467	3.555	3.515	3.444
3.778	3.851	3.599	3.283	2.487	2.906	3.212	3.249	3.176	3.156
3.629	3.545	3.422	3.134	2.729	3.125	3.458	3.534	3.573	3.481
3.381	3.162	3.192	3.043	2.944	3.068	3.414	3.356	2.897	2.799
4.009	3.9	3.806	3.693	3.636	3.412	3.764	3.829	3.664	3.552
2.994	2.79	2.486	1.671	0	2.876	3.258	3.209	2.818	2.485
3.824	3.812	3.75	3.217	2.685	3.147	3.429	3.48	3.444	3.443
4.025	4.028	4.058	4.002	3.893	3.407	3.615	3.654	3.57	3.596
3.721	3.505	3.382	3.245	3.105	3.067	3.363	3.467	3.451	3.27
3.729	3.587	3.494	3.341	3.221	3.401	3.771	3.737	3.555	3.421
3.281	3.301	3.274	3.112	2.908	2.983	3.331	3.198	3.075	3.039
2.969	2.824	2.273	1.572	0	2.677	2.845	2.696	2.505	2.204
4.722	4.665	4.554	4.347	4.263	3.752	4.183	4.311	4.335	4.288
3.905	3.781	3.59	3.423	3.252	3.255	3.659	3.746	3.672	3.504
3.903	3.516	3.139	1.582	0.845	3.122	3.598	3.747	3.61	3.169
4.192	3.92	3.733	3.069	2.851	3.337	3.749	3.896	3.851	3.594
3.513	3.445	3.396	3.373	3.319	3.148	3.443	3.385	3.207	3.121
3.501	3.412	3.204	3.043	2.729	3.13	3.454	3.573	3.485	3.376
4.637	4.563	4.527	4.518	4.475	3.583	3.977	4.121	4.055	4.009
3.461	3.301	3.309	3.428	3.294	2.882	3.05	3.047	2.944	2.926
3.937	3.895	3.7	3.456	3.347	3.322	3.659	3.818	3.764	3.787
2.996	2.951	2.593	2.548	1.946	2.545	2.992	2.837	2.676	2.576
3.344	3.158	2.895	2.841	2.843	2.878	3.079	2.959	2.955	2.916
3.931	3.714	3.586	3.506	3.345	3.372	3.704	3.736	3.55	3.421

3.585	3.359	3.168	3.246	3.023	2.861	3.185	3.249	3.117	3.028
3.478	3.395	3.382	3.172	3.039	3.001	3.207	3.17	3.053	3.1
3.485	3.421	3.278	3.122	2.785	3.148	3.521	3.551	3.453	3.39
4.053	3.876	3.843	3.807	3.541	3.372	3.726	3.875	3.797	3.657
4.435	4.643	4.65	4.676	4.749	3.644	3.873	3.899	3.927	4.026
2.933	2.626	1.992	0.693	0	2.591	2.854	2.852	2.617	2.445
3.858	3.916	3.945	3.886	3.789	3.511	3.806	3.774	3.609	3.693
3.113	3.14	2.859	2.705	2.637	2.815	2.971	2.866	2.76	2.675
3.206	2.337	0.845	0	0	2.378	2.868	2.826	2.531	1.92
3.706	3.774	3.689	3.541	3.314	3.251	3.523	3.557	3.51	3.606
3.397	3.233	3.158	2.948	2.843	3.073	3.322	3.384	3.24	3.124
3.703	3.619	3.637	3.49	3.143	3.167	3.518	3.549	3.511	3.434
4.87	4.945	5.024	5.128	5.097	3.76	4.141	4.318	4.411	4.455
4.593	4.535	4.478	4.453	4.385	3.57	3.969	4.11	4.036	3.993
3.486	3.384	3.12	2.831	2.232	3.05	3.323	3.466	3.422	3.328
4.303	4.085	3.81	3.579	3.214	3.353	3.839	4.04	3.931	3.629
3.263	3.257	3.163	2.978	2.511	2.933	3.178	3.096	3.013	3.142
4.328	4.477	4.495	4.473	4.403	3.412	3.687	3.814	3.891	4.012
3.888	3.729	3.522	3.495	3.423	3.377	3.717	3.728	3.593	3.382
2.186	0.845	0	0	0	2.215	2.544	2.3	1.434	0.375
3.87	3.692	3.427	3.002	2.521	2.952	3.308	3.447	3.372	3.209
3.968	3.601	3.299	2.322	1.249	3.142	3.625	3.793	3.674	3.288
3.847	3.871	3.711	3.583	3.258	3.194	3.537	3.617	3.532	3.502
4.53	4.453	4.359	4.282	4.182	3.808	4.154	4.22	4.179	4.108
4.175	4.119	4.064	3.951	3.76	3.513	3.852	3.88	3.818	3.786
3.205	3.016	2.672	1.954	1.289	2.748	3.057	3.131	2.841	2.59
4.012	3.967	3.913	3.815	3.622	3.32	3.592	3.63	3.538	3.458
3.345	3.336	2.916	1.946	0.693	2.81	3.044	3.052	2.973	2.971
4.235	4.159	3.983	3.92	3.8	3.358	3.632	3.772	3.747	3.65
4.143	3.815	3.541	2.58	2.195	3.225	3.676	3.862	3.794	3.446
4.267	4.272	4.263	4.128	4.05	3.435	3.757	3.851	3.84	3.868
4.106	4.119	4.139	3.819	2.231	3.053	3.404	3.587	3.633	3.638
4.081	4.069	4.033	3.812	3.54	3.099	3.419	3.597	3.631	3.633
3.471	3.378	3.12	2.831	2.232	3.102	3.389	3.545	3.454	3.341
4.621	4.587	4.481	4.467	4.459	3.674	4.089	4.232	4.191	4.145
4.134	4.109	4.232	4.184	3.96	3.403	3.66	3.707	3.75	3.835
3.526	3.374	3.308	3.194	3.099	3.073	3.363	3.364	2.952	2.911
2.662	2.589	2.318	1.946	1.386	2.63	2.826	2.788	2.584	2.506
3.443	3.3	3.12	2.886	2.459	3.124	3.472	3.566	3.387	3.257
3.833	3.677	3.563	3.395	3.353	3.298	3.535	3.497	3.288	3.255
3.059	2.589	1.946	1.099	0	2.826	3.125	3.119	2.841	2.506
3.592	3.319	3.059	2.75	2.231	3.174	3.633	3.731	3.491	3.147
3.565	3.39	3.285	3.242	3.187	3.202	3.514	3.508	3.287	3.142
3.481	3.505	3.191	2.831	2.468	2.957	3.292	3.295	3.243	3.287
5.285	5.397	5.383	5.285	5.159	4.047	4.528	4.759	4.967	4.988
5.183	5.293	5.242	5.123	4.966	4.013	4.488	4.715	4.889	4.912
2.012	0	0	0	0	2.612	3.039	2.7	1.771	0
3.534	3.432	2.563	1.386	0	2.942	3.237	3.398	3.317	3.112
4.248	4.206	4.093	3.969	3.654	3.25	3.615	3.911	3.888	3.87
4.844	4.908	4.977	5.078	5.031	3.75	4.125	4.278	4.381	4.395

4.591	4.637	4.691	4.751	4.649	3.611	4.017	4.124	4.128	4.173
3.533	3.392	3.408	3.237	3.124	3.271	3.563	3.542	3.272	3.139
3.956	3.891	3.882	3.763	3.695	3.516	3.859	3.862	3.734	3.686
4.36	4.445	4.436	4.433	4.494	3.769	4.083	4.039	4.011	4.047
2.891	2.533	1.971	1.016	0	2.166	2.256	2.16	1.88	1.49
4.174	3.879	3.659	2.845	2.588	3.301	3.701	3.875	3.838	3.537
4.249	4.265	4.335	4.382	4.379	3.701	4.009	4.02	3.917	3.928
5.169	5.327	5.375	5.327	5.184	4.058	4.421	4.61	4.691	4.805
3.311	3.281	3.206	3.111	2.582	2.992	3.3	3.228	3.085	3.027
4.082	3.999	3.877	3.759	3.47	3.605	3.935	3.977	3.919	3.867
3.565	3.671	3.627	3.438	2.917	3.111	3.47	3.454	3.35	3.39
4.115	4.271	4.221	4.205	4.216	3.497	3.765	3.702	3.736	3.787
3.764	3.54	3.262	3.233	3.301	3.259	3.581	3.555	3.358	3.21
3.221	3.311	3.283	2.961	2.302	2.963	3.257	3.218	3.107	3.168
2.88	2.728	2.588	2.517	2.512	2.719	2.855	2.793	2.725	2.5
4.821	4.746	4.691	4.634	4.387	3.942	4.347	4.477	4.404	4.323
4.081	4.165	4.121	3.93	3.6	3.324	3.673	3.849	3.835	3.864
3.633	3.666	3.595	3.467	3.459	3.398	3.707	3.642	3.471	3.463
3.133	3.025	2.637	2.65	2.398	2.746	2.97	3.027	2.852	2.582
4.183	4.23	4.155	3.898	3.636	3.552	3.914	4.002	3.976	4.023
2.933	2.626	1.992	0.693	0	2.591	2.854	2.852	2.617	2.445
3.956	3.794	3.626	3.446	3.367	3.18	3.53	3.574	3.448	3.392
3.185	3.097	2.888	2.801	2.625	2.924	3.142	3.088	2.921	2.794
4.415	4.539	4.58	4.592	4.664	3.88	4.143	4.05	4.036	4.14
4.491	4.583	4.632	4.637	4.677	3.845	4.139	4.149	4.1	4.147
5.258	5.352	5.323	5.236	5.102	4.039	4.525	4.751	4.954	4.968
3.638	3.543	3.058	2.035	0.693	2.966	3.266	3.307	3.293	3.194
3.699	3.629	3.528	3.373	3.066	3.198	3.561	3.619	3.426	3.325
3.744	3.69	3.542	3.302	3.027	3.198	3.576	3.659	3.492	3.376
3.398	3.285	3.123	2.939	2.601	3.093	3.445	3.477	3.387	3.225
3.609	3.643	3.706	3.452	3.232	3.164	3.401	3.394	3.322	3.2
3.475	3.191	2.907	2.661	2.231	3.132	3.55	3.604	3.361	3.036
3.516	3.422	3.204	3.043	2.729	3.08	3.393	3.497	3.454	3.35
4.116	3.898	3.556	3.383	3.042	3.306	3.774	3.938	3.805	3.494
4.22	4.23	4.215	4.095	3.975	3.415	3.709	3.807	3.786	3.803
3.886	3.713	3.36	3.277	2.997	3.128	3.456	3.521	3.321	3.1
3.649	3.481	3.404	3.316	3.189	3.162	3.472	3.507	3.417	3.135
4.183	4.23	4.155	3.898	3.636	3.552	3.914	4.002	3.976	4.023
4.093	3.96	3.759	3.444	2.956	3.091	3.44	3.563	3.515	3.358
3.806	3.454	3.231	2.961	2.75	3.255	3.709	3.846	3.682	3.306
3.505	3.417	3.289	3.12	2.82	3.024	3.309	3.251	3.095	3.033
3.81	3.905	3.85	3.596	3.25	3.36	3.637	3.694	3.737	3.865
4.053	3.876	3.843	3.807	3.541	3.372	3.726	3.875	3.797	3.657
3.485	3.421	3.278	3.122	2.785	3.148	3.521	3.551	3.453	3.39
3.693	3.694	3.559	3.26	2.816	3.157	3.508	3.584	3.451	3.549
2.86	2.804	2.516	1.099	0	2.655	2.925	2.788	2.682	2.451
3.858	3.916	3.945	3.886	3.789	3.511	3.806	3.774	3.609	3.693
3.397	3.233	3.158	2.948	2.843	3.073	3.322	3.384	3.24	3.124
3.592	3.319	3.059	2.75	2.231	3.174	3.633	3.731	3.491	3.147
4.081	4.165	4.121	3.93	3.6	3.324	3.673	3.849	3.835	3.864

3.486	3.384	3.12	2.831	2.232	3.05	3.323	3.466	3.422	3.328
4.041	3.805	3.478	3.238	2.906	3.289	3.742	3.889	3.78	3.46
5.258	5.352	5.323	5.236	5.102	4.039	4.525	4.751	4.954	4.968
3.851	3.558	3.291	3.186	2.954	3.141	3.485	3.492	3.284	3.023
4.082	3.999	3.877	3.759	3.47	3.605	3.935	3.977	3.919	3.867
3.344	3.158	2.895	2.841	2.843	2.878	3.079	2.959	2.955	2.916
4.116	3.898	3.556	3.383	3.042	3.306	3.774	3.938	3.805	3.494
4.637	4.563	4.527	4.518	4.475	3.583	3.977	4.121	4.055	4.009
3.87	3.763	3.563	3.23	2.786	2.992	3.321	3.409	3.33	3.207
4.844	4.908	4.977	5.078	5.031	3.75	4.125	4.278	4.381	4.395
4.821	4.746	4.691	4.634	4.387	3.942	4.347	4.477	4.404	4.323
3.113	3.14	2.859	2.705	2.637	2.815	2.971	2.866	2.76	2.675
2.88	2.728	2.588	2.517	2.512	2.719	2.855	2.793	2.725	2.5
5.329	5.451	5.42	5.501	5.545	4.228	4.554	4.712	4.853	4.997
4.614	4.688	4.778	4.778	4.575	3.611	4.017	4.128	4.151	4.206
3.852	3.755	3.551	3.23	2.786	3.029	3.364	3.485	3.389	3.231
4.111	4.027	3.829	3.619	2.92	3.145	3.548	3.656	3.592	3.491
5.169	5.327	5.375	5.327	5.184	4.058	4.421	4.61	4.691	4.805
4.015	3.942	3.935	3.795	3.647	3.32	3.592	3.63	3.527	3.455
3.893	3.731	3.384	3.33	3.071	3.089	3.436	3.481	3.301	3.063
4.175	4.119	4.064	3.951	3.76	3.513	3.852	3.88	3.818	3.786
4.111	4.024	3.822	3.548	2.964	3.145	3.552	3.677	3.592	3.502

ATS6p	ATS7p	ATS8p	MATS1m	MATS2m	MATS3m	MATS4m	MATS5m	MATS6m	MATS7m
3.55	3.572	3.333	-0.043	-0.072	-0.056	-0.078	-0.153	0.301	-0.115
3.017	2.936	2.822	-0.121	-0.17	0.007	-0.016	-0.094	-0.338	0.324
3.28	2.912	2.094	-0.007	-0.033	-0.021	-0.028	0.035	-0.207	-0.122
2.528	2.378	2.371	-0.11	-0.206	0.358	0.052	-0.267	-0.343	-0.201
3.134	3.094	3.036	0.106	-0.116	-0.079	-0.075	0.179	-0.058	-0.06
3.114	2.876	2.657	-0.087	0.016	0.02	0.017	-0.022	-0.133	-0.282
2.72	1.96	0.647	-0.035	-0.042	0.145	-0.134	-0.184	-0.053	-0.053
3.777	3.696	3.652	-0.064	0.36	-0.129	-0.197	-0.269	0.585	0.005
3.157	2.918	2.363	-0.094	-0.134	-0.24	0.186	-0.089	-0.006	-0.035
3.402	3.322	2.996	-0.04	-0.073	-0.152	0.092	-0.145	-0.098	-0.008
3.013	2.467	1.432	0.002	-0.027	-0.02	-0.033	-0.039	-0.159	-0.175
3.834	3.761	3.665	-0.171	0.261	-0.202	0.271	-0.214	0.132	-0.368
3.107	2.856	2.514	-0.077	-0.05	-0.062	0.096	-0.047	-0.315	0.282
3.398	3.408	3.266	-0.012	-0.038	-0.038	-0.006	-0.013	0.06	-0.076
3.313	3.066	2.789	-0.012	-0.028	-0.024	0.041	-0.063	-0.132	-0.131
3.163	2.727	1.862	0.014	-0.028	-0.077	-0.057	-0.11	-0.139	-0.028
2.416	1.099	0	-0.009	-0.102	-0.231	0.198	-0.049	-0.348	0.219
3.422	3.129	2.671	-0.018	-0.035	-0.031	0.013	0.034	-0.016	-0.187
4.337	4.435	4.478	-0.079	0.092	0.038	-0.309	0.083	-0.042	-0.215
3.724	3.442	3.332	-0.061	0.069	-0.061	-0.16	-0.013	-0.123	0.161
3.388	2.787	1.975	-0.001	-0.02	-0.009	-0.016	-0.014	-0.073	-0.151
3.127	2.532	1.546	-0.008	-0.029	-0.024	-0.042	0.023	-0.253	-0.02
3.358	3.131	2.972	-0.105	-0.062	0.056	-0.188	0.088	0.155	0.081
3.089	2.857	2.577	-0.106	-0.054	-0.112	-0.091	-0.042	-0.078	0.301
3.37	3.251	2.742	-0.068	-0.091	0.079	-0.064	-0.021	-0.135	-0.101
2.946	2.712	2.337	-0.129	-0.031	-0.078	0.048	-0.102	-0.175	0.358
3.322	3.22	2.838	-0.061	-0.069	-0.094	-0.063	0.035	0.194	-0.178
2.836	2.835	2.876	-0.335	0.151	-0.2	0.084	-0.031	-0.142	0.191
2.778	2.071	1.068	-0.137	-0.101	0.025	-0.011	-0.077	-0.175	0.338
3.499	3.275	2.978	-0.022	-0.043	-0.003	-0.001	0.01	0.047	-0.181
3.114	2.876	2.657	-0.183	-0.109	-0.147	0.33	-0.047	-0.087	-0.244
2.04	0.693	0	-0.001	-0.04	-0.082	-0.106	-0.075	-0.119	0.105
2.954	2.835	2.8	-0.019	0	-0.085	0.084	-0.308	0.47	0.385
4.108	4.144	4.264	-0.088	0.126	0.086	-0.228	0.053	-0.095	-0.105
3.275	2.703	1.306	0.004	-0.05	-0.07	-0.077	-0.092	-0.245	0.482
3.646	3.589	3.386	-0.032	0.134	-0.13	0.117	-0.091	0.06	0.012
3.002	2.575	1.981	-0.037	0.02	0.024	0.022	-0.055	-0.2	-0.325
1.966	1.671	0.773	-0.294	0.589	-0.404	0.147	-0.687	0.428	-0.736
3.374	2.994	2.677	0.023	-0.018	0.105	-0.056	-0.154	-0.039	0.076
2.692	2.588	2.53	-0.036	-0.071	-0.066	-0.089	0.192	-0.146	-0.053
2.483	2.39	2.397	-0.177	-0.191	0.257	-0.035	-0.354	-0.38	0.407
2.14	0.965	0	-0.107	-0.167	-0.027	-0.013	0.006	-0.149	-0.188
2.931	2.155	0.693	-0.233	0.058	0.011	-0.193	0.091	-0.176	0.029
3.279	2.69	2.338	-0.055	-0.119	-0.001	-0.042	-0.047	-0.015	0.269
3.74	3.564	3.276	-0.023	0.129	-0.051	-0.161	-0.184	-0.027	-0.159
2.953	2.542	1.67	0.218	0.169	-0.035	-0.209	-0.131	0.057	-0.561
2.974	2.358	1.306	-0.002	-0.033	-0.028	-0.053	0.016	-0.231	-0.052
3.378	2.907	2.411	-0.083	-0.056	-0.041	-0.002	-0.112	-0.094	0.103
2.407	1.386	0	-0.048	0.23	-0.137	-0.15	-0.387	0.445	0.234

2.652	2.521	2.412	-0.177	-0.308	0.344	-0.074	-0.232	-0.019	0.076
3.268	3.057	2.915	-0.087	0.095	0.181	-0.331	-0.163	-0.187	0.099
2.857	2.034	0.732	-0.11	-0.11	0.069	-0.164	-0.018	0.138	-0.027
4.304	4.387	4.439	-0.102	0.149	0.006	-0.257	0.064	-0.091	-0.225
3.317	3.181	3.089	-0.029	-0.082	-0.104	-0.024	0.197	-0.046	-0.22
2.361	2.302	2.397	-0.159	-0.193	0.182	-0.049	-0.208	-0.49	0.222
3.596	3.527	3.348	-0.032	0.079	-0.149	0.142	-0.14	0.073	-0.091
3.209	2.918	2.572	0.025	-0.02	0.1	-0.078	-0.169	-0.043	0.104
3.209	2.918	2.572	0.025	-0.02	0.1	-0.078	-0.169	-0.043	0.104
3.052	2.805	2.606	-0.074	-0.118	-0.089	-0.07	0.005	-0.008	0.088
3.265	2.865	1.609	-0.074	-0.116	-0.076	-0.081	0.015	0.035	-0.098
1.858	1.609	0	-0.384	0.448	-0.317	-0.447	0.259	-0.448	0.383
3.555	3.184	2.821	-0.085	-0.128	-0.089	-0.03	-0.028	-0.01	0.062
2.505	2.476	2.381	-0.077	0.05	-0.07	-0.046	-0.227	-0.247	0.014
3.448	3.275	2.869	-0.165	-0.247	0.291	-0.155	-0.18	0.073	-0.006
3.657	3.277	2.685	-0.074	0.098	-0.141	0.022	-0.07	-0.209	0.054
1.693	1.156	0.468	-0.169	-0.002	-0.12	-0.143	-0.34	0.666	-0.241
2.617	2.375	2.129	-0.25	0.469	-0.26	-0.322	0.013	-0.266	0.313
2.779	2.805	2.577	-0.108	0.119	-0.116	-0.107	-0.245	0.107	0.369
2.946	2.977	2.639	-0.103	0.099	0.129	-0.274	-0.359	-0.176	0.113
3.721	3.719	3.483	-0.031	0.141	-0.165	0.124	-0.083	0.071	0.033
3.557	3.456	3.35	-0.114	0.406	-0.061	-0.302	-0.09	-0.251	-0.07
2.981	2.953	2.881	0.18	-0.05	-0.091	-0.109	0.168	-0.063	-0.053
2.984	3.036	3.048	-0.131	0.019	0.099	-0.204	-0.299	-0.374	0.438
2.313	1.294	0.974	-0.021	0.088	-0.076	0.081	-0.17	-0.51	-0.68
3.34	3.102	3.35	-0.101	-0.11	-0.14	0.268	-0.224	0.098	-0.173
3.517	3.533	3.289	-0.049	-0.091	-0.045	-0.067	-0.148	0.171	-0.081
3.019	2.61	1.876	0.196	-0.054	0.033	0.066	-0.146	-0.192	-0.041
3.35	2.983	2.657	-0.175	-0.1	-0.197	0.314	-0.033	-0.052	-0.214
2.889	2.888	2.766	-0.125	0.103	-0.188	0.057	-0.372	-0.034	-0.022
3.54	3.537	3.476	-0.076	0.055	0.174	-0.221	-0.326	-0.094	0.071
2.201	1.447	0	-0.158	-0.121	0.064	-0.179	-0.473	0.805	-0.385
3.278	2.982	2.558	-0.032	0.064	-0.172	0.04	-0.286	0.15	-0.12
3.626	3.583	3.472	-0.036	0.119	0.103	-0.371	-0.14	0.16	-0.273
3.088	2.877	2.745	-0.086	-0.015	-0.138	0.031	-0.054	-0.149	0.025
3.292	3.166	3.018	-0.008	-0.063	-0.077	-0.112	-0.094	0.023	-0.09
2.955	2.73	2.483	-0.188	0.421	-0.06	-0.068	-0.067	-0.258	-0.241
1.743	0.93	0	0.114	0.005	-0.051	-0.136	-0.293	-0.31	-0.074
4.216	4.014	3.921	-0.003	0.007	-0.027	-0.028	-0.03	-0.033	-0.001
3.278	3.145	2.901	-0.111	0.054	-0.01	0.022	0.119	-0.274	-0.037
2.546	1.007	0.375	-0.07	-0.085	0.152	-0.199	-0.143	0	0.44
3.308	2.871	2.626	-0.048	-0.12	0.061	-0.127	0.008	0.13	0.115
3.089	3.028	2.948	-0.107	-0.023	-0.141	0.086	0.008	-0.149	-0.215
3.114	2.876	2.657	-0.087	0.016	0.02	0.017	-0.022	-0.133	-0.282
3.995	3.969	3.881	-0.062	-0.084	-0.109	-0.087	0.094	0.022	0.007
2.917	2.811	2.571	-0.051	0.489	-0.177	-0.243	-0.089	-0.054	-0.013
3.57	3.165	2.97	-0.013	-0.002	-0.019	-0.027	-0.009	-0.068	-0.132
2.278	2.013	1.946	-0.339	0.47	-0.336	-0.013	-0.339	0.291	-0.562
2.65	2.593	2.411	-0.135	-0.103	0.09	-0.212	-0.149	-0.05	0.062
3.301	3.162	3.076	-0.021	-0.064	-0.164	0.044	0.177	-0.037	-0.218



2.75	2.62	2.376	-0.305	-0.009	0.094	-0.092	-0.182	-0.333	0.345
3.088	2.935	2.605	-0.042	0.5	-0.183	-0.167	-0.055	0.468	-0.012
3.213	3.008	2.745	-0.057	-0.116	-0.116	-0.05	0.304	-0.102	-0.104
3.523	3.528	3.318	-0.191	-0.074	0.171	-0.157	-0.101	0.015	0.022
4.101	4.152	4.195	-0.134	0.252	-0.017	-0.201	0.114	-0.157	-0.198
1.865	0.693	0	-0.012	-0.04	0.029	-0.331	-0.108	-0.039	0.236
3.788	3.712	3.495	-0.098	-0.018	-0.135	-0.074	-0.09	0.187	0.021
2.361	2.322	2.412	-0.119	-0.13	0.218	-0.089	-0.436	-0.49	0.521
0.375	0	0	-0.463	0.323	-0.375	0.176	0.01	-1.538	0
3.508	3.309	3.023	-0.023	-0.035	0.009	0.001	0.013	0.052	-0.192
3.003	2.795	2.707	-0.016	-0.05	-0.039	0.024	-0.057	0.011	-0.035
3.322	3.22	2.838	-0.061	-0.069	-0.094	-0.063	0.035	0.194	-0.178
4.61	4.658	4.589	-0.192	-0.115	-0.035	0.036	-0.115	0.12	-0.11
3.974	3.939	3.844	-0.064	-0.09	-0.142	-0.095	0.133	0.017	0.017
3.02	2.621	2.11	-0.141	-0.119	-0.15	0.326	-0.008	-0.101	-0.333
3.337	3.09	2.724	0.024	-0.049	0.018	-0.15	-0.227	0.158	0.182
3.068	2.862	2.42	-0.127	-0.081	0.151	-0.27	-0.061	-0.016	-0.043
4.061	4.089	3.994	-0.26	0.021	0.125	-0.225	0.276	-0.139	-0.044
3.2	3.237	3.193	-0.023	-0.016	-0.052	0.001	-0.028	0.106	-0.097
0	0	0	-0.077	0.18	-0.444	-0.001	-1.154	0	0
2.742	2.339	2.161	-0.152	0.003	-0.089	-0.123	0.243	-0.539	0.155
2.818	1.973	0.732	-0.118	-0.087	0.157	-0.208	-0.112	0.055	0.15
3.366	3.169	2.893	-0.013	-0.023	-0.035	-0.021	-0.016	0.095	-0.028
4.023	3.971	3.917	-0.031	-0.047	-0.058	0.301	-0.032	0.032	0.014
3.748	3.599	3.484	-0.031	-0.059	-0.074	0.301	-0.033	-0.012	-0.035
2.271	1.661	0.875	-0.005	-0.083	0.136	-0.182	-0.122	-0.175	-0.272
3.401	3.325	3.197	-0.168	0.166	-0.033	-0.155	0.041	0.403	-0.069
2.67	1.946	0.693	-0.1	0.27	-0.164	0.019	-0.331	-0.178	0.195
3.563	3.497	3.381	-0.071	-0.122	-0.065	-0.097	0.158	-0.017	-0.009
3.038	2.322	1.851	-0.059	-0.126	0.062	-0.129	-0.023	0.122	0.148
3.75	3.564	3.412	0.024	0.226	-0.114	-0.133	-0.256	-0.03	-0.211
3.432	2.92	1.761	0.021	0.253	-0.151	-0.138	-0.339	-0.03	0.415
3.48	3.164	2.58	0.027	0.214	-0.148	-0.109	-0.289	-0.009	-0.271
3.02	2.621	2.11	-0.043	0.016	0.022	0.019	-0.023	-0.148	-0.368
4.078	4.031	4.037	-0.208	0.022	0.005	-0.085	0.181	-0.015	0.021
3.914	3.799	3.482	0.18	-0.042	0.03	0.002	-0.087	-0.135	-0.155
2.92	2.906	2.794	-0.129	0.033	-0.131	0.012	-0.152	-0.167	0.14
2.264	1.946	1.386	-0.154	-0.113	-0.058	-0.089	-0.103	-0.043	0.077
3.065	2.814	2.337	0.007	-0.035	0.236	-0.009	-0.026	-0.18	-0.358
3.219	3.145	3.006	0.209	-0.093	-0.178	-0.196	-0.035	0.125	0.019
1.946	1.099	0	-0.05	-0.135	-0.262	0.123	-0.038	0.154	0.154
2.88	2.422	1.761	0.013	-0.008	-0.045	-0.025	-0.116	-0.127	-0.32
3.003	2.915	2.906	-0.026	-0.036	-0.048	-0.002	-0.088	-0.096	0.05
3.026	2.518	1.931	-0.115	-0.083	-0.14	0.006	-0.14	-0.073	0.761
4.985	4.913	4.799	-0.121	0.106	0.019	0.028	-0.137	0.028	-0.05
4.903	4.804	4.68	-0.13	0.116	0.044	0.097	-0.243	0.107	-0.148
0	0	0	0.015	-0.057	-0.12	-0.45	0	0	0
2.318	1.386	0	-0.061	0.468	-0.111	-0.18	-0.348	-0.253	0.174
3.661	3.425	2.995	-0.177	-0.059	0.163	-0.13	-0.139	-0.215	0.047
4.566	4.584	4.521	-0.17	-0.118	-0.047	0.04	-0.135	0.142	-0.126

4.175	4.137	3.96	-0.216	-0.01	0.114	-0.02	-0.032	-0.209	-0.03
3.062	2.997	2.925	-0.002	-0.048	-0.058	-0.02	-0.024	0.013	-0.121
3.643	3.509	3.403	-0.223	-0.111	-0.122	-0.092	0.117	0.333	-0.141
4.12	4.154	4.149	-0.09	-0.002	0.071	-0.177	-0.051	0.098	-0.184
0.842	0.188	0	-0.091	-0.429	0	0	0	0	1
3.191	2.653	2.284	-0.048	-0.126	0.056	-0.119	-0.003	0.108	0.173
4.088	4.134	4.131	-0.056	-0.062	-0.036	-0.048	0.099	-0.089	-0.172
4.894	4.829	4.748	-0.08	0.043	-0.024	-0.186	0.011	-0.023	0.069
2.939	2.634	2.321	0.213	-0.024	-0.065	-0.099	-0.109	-0.129	-0.086
3.727	3.54	3.36	-0.025	-0.059	-0.122	-0.133	0.241	-0.102	-0.192
3.395	3.217	2.838	-0.155	0.156	-0.192	0.179	0.034	-0.214	-0.209
3.826	3.853	3.822	0.212	-0.109	-0.179	-0.138	0.019	-0.053	0.041
2.972	2.921	3.048	-0.203	0.199	-0.178	-0.161	-0.059	-0.217	0.223
3.129	2.862	2.225	-0.012	-0.035	-0.04	-0.001	0.003	-0.058	-0.06
2.381	2.145	2.114	-0.155	-0.095	-0.028	-0.26	0.087	-0.249	0.054
4.286	4.121	3.915	-0.113	-0.018	0.016	0.057	0.075	-0.146	0.064
3.797	3.694	3.212	-0.103	-0.123	-0.042	-0.111	-0.01	0.087	-0.09
3.43	3.346	3.23	0.191	-0.058	-0.088	-0.121	-0.071	-0.069	-0.038
2.394	2.612	2.398	-0.14	0.096	0.247	-0.288	-0.558	-0.21	0.125
3.948	3.783	3.503	-0.008	-0.017	-0.032	-0.006	0	0.035	-0.029
1.865	0.693	0	-0.012	-0.04	0.029	-0.331	-0.108	-0.039	0.236
3.216	2.957	2.893	-0.298	-0.052	0.065	-0.295	0.165	0.138	0.039
2.528	2.505	2.427	-0.089	-0.154	0.348	0.004	-0.274	-0.349	-0.247
4.211	4.272	4.36	-0.091	-0.009	-0.008	-0.016	0.037	0.031	-0.04
4.23	4.274	4.329	-0.068	0.062	0.15	-0.24	0.088	0.106	-0.142
4.968	4.889	4.775	-0.124	0.086	0.03	0.052	-0.136	-0.064	-0.006
2.707	1.776	0.693	-0.048	0.362	-0.059	-0.021	-0.309	-0.342	-0.26
3.255	3.142	2.847	-0.111	-0.095	-0.008	-0.235	0.049	0.223	0.041
3.221	3.061	2.777	-0.111	-0.059	-0.086	-0.121	0.177	0.058	0.03
3.052	2.805	2.606	-0.074	-0.118	-0.089	-0.07	0.005	-0.008	0.088
3.052	2.93	2.859	-0.04	0.077	-0.053	-0.315	-0.195	-0.172	-0.05
2.696	2.381	1.761	0.014	-0.012	-0.06	-0.037	-0.091	-0.167	-0.259
3.114	2.876	2.657	-0.183	-0.109	-0.147	0.33	-0.047	-0.087	-0.244
3.209	2.918	2.572	0.025	-0.02	0.1	-0.078	-0.169	-0.043	0.104
3.691	3.506	3.284	0.04	0.222	-0.123	-0.13	-0.28	-0.027	-0.236
2.967	2.925	2.719	0.189	-0.149	-0.186	0.049	-0.018	-0.061	-0.148
3.03	2.959	2.866	-0.002	0.014	-0.104	-0.232	-0.094	-0.022	-0.014
3.948	3.783	3.503	-0.008	-0.017	-0.032	-0.006	0	0.035	-0.029
3.115	2.832	2.592	-0.076	-0.071	-0.052	0.015	-0.114	-0.276	0.505
3.083	2.761	2.422	0.011	-0.009	0.004	-0.061	-0.094	-0.095	-0.162
2.947	2.723	2.441	-0.139	0.395	-0.247	0.171	-0.167	-0.093	-0.14
3.788	3.479	3.04	-0.081	-0.046	0.252	-0.036	0.015	-0.017	-0.101
3.523	3.528	3.318	-0.191	-0.074	0.171	-0.157	-0.101	0.015	0.022
3.213	3.008	2.745	-0.057	-0.116	-0.116	-0.05	0.304	-0.102	-0.104
3.422	3.129	2.671	-0.018	-0.035	-0.031	0.013	0.034	-0.016	-0.187
2.416	1.099	0	-0.009	-0.102	-0.231	0.198	-0.049	-0.348	0.219
3.788	3.712	3.495	-0.098	-0.018	-0.135	-0.074	-0.09	0.187	0.021
3.003	2.795	2.707	-0.016	-0.05	-0.039	0.024	-0.057	0.011	-0.035
2.88	2.422	1.761	0.013	-0.008	-0.045	-0.025	-0.116	-0.127	-0.32
3.797	3.694	3.212	-0.103	-0.123	-0.042	-0.111	-0.01	0.087	-0.09

3.02	2.621	2.11	-0.141	-0.119	-0.15	0.326	-0.008	-0.101	-0.333
3.171	2.841	2.5	0.02	0.005	0.106	-0.16	-0.267	0.031	0.332
4.968	4.889	4.775	-0.124	0.086	0.03	0.052	-0.136	-0.064	-0.006
2.895	2.924	2.739	-0.043	-0.213	0.149	0.041	-0.025	-0.1	-0.167
3.727	3.54	3.36	-0.025	-0.059	-0.122	-0.133	0.241	-0.102	-0.192
2.65	2.593	2.411	-0.135	-0.103	0.09	-0.212	-0.149	-0.05	0.062
3.209	2.918	2.572	0.025	-0.02	0.1	-0.078	-0.169	-0.043	0.104
3.995	3.969	3.881	-0.062	-0.084	-0.109	-0.087	0.094	0.022	0.007
2.946	2.712	2.337	-0.129	-0.031	-0.078	0.048	-0.102	-0.175	0.358
4.566	4.584	4.521	-0.17	-0.118	-0.047	0.04	-0.135	0.142	-0.126
4.286	4.121	3.915	-0.113	-0.018	0.016	0.057	0.075	-0.146	0.064
2.361	2.322	2.412	-0.119	-0.13	0.218	-0.089	-0.436	-0.49	0.521
2.381	2.145	2.114	-0.155	-0.095	-0.028	-0.26	0.087	-0.249	0.054
5.017	5.089	5.127	-0.167	0.08	0.036	-0.349	0.236	0.001	-0.27
4.224	4.152	3.878	-0.216	-0.01	0.075	-0.026	-0.023	-0.185	0.033
2.964	2.712	2.337	-0.096	-0.036	-0.073	0.075	-0.09	-0.276	0.366
3.325	2.992	2.451	-0.137	-0.075	-0.042	0.073	-0.086	-0.179	0.3
4.894	4.829	4.748	-0.08	0.043	-0.024	-0.186	0.011	-0.023	0.069
3.407	3.304	3.231	-0.168	0.166	-0.033	-0.176	0.118	0.253	0.063
2.921	2.797	2.609	0.164	-0.175	-0.196	0.029	-0.015	-0.076	0.021
3.748	3.599	3.484	-0.031	-0.059	-0.074	0.301	-0.033	-0.012	-0.035
3.238	2.938	2.563	-0.137	-0.061	-0.047	0.073	-0.073	-0.252	0.354

MATS8m	MATS1v	MATS2v	MATS3v	MATS4v	MATS5v	MATS6v	MATS7v	MATS8v	MATS1e
0.025	-0.055	-0.087	-0.053	-0.079	-0.163	0.301	-0.12	0.063	-0.042
0.106	-0.135	-0.174	0.004	-0.014	-0.059	-0.344	0.271	0.142	-0.119
-0.136	0.051	0.086	0.1	-0.051	-0.219	-0.095	-0.228	-0.236	-0.015
-0.057	-0.118	-0.218	0.371	0.098	-0.265	-0.354	-0.232	-0.077	-0.109
-0.025	-0.207	0.019	-0.223	0.111	-0.37	0.608	-0.165	-0.152	-0.056
-0.1	-0.087	0.016	0.02	0.017	-0.022	-0.133	-0.282	-0.1	-0.087
-1.129	-0.048	-0.047	0.128	-0.143	-0.192	-0.009	0.045	-1.115	-0.034
0.153	-0.108	0.293	-0.096	-0.265	-0.327	0.538	-0.019	0.21	-0.084
0.038	-0.1	-0.129	-0.233	0.232	-0.099	-0.024	-0.06	0.03	-0.094
0.085	-0.051	-0.078	-0.151	0.127	-0.154	-0.114	-0.012	0.09	-0.039
-0.358	-0.064	0.062	0.198	-0.116	-0.281	0.018	-0.535	0.031	-0.108
-0.027	-0.204	0.271	-0.214	0.266	-0.215	0.161	-0.379	-0.001	-0.167
0.1	-0.13	-0.079	-0.063	0.235	-0.092	-0.345	0.231	0.159	-0.088
-0.099	-0.103	-0.121	-0.112	0.189	-0.144	-0.036	-0.02	-0.036	-0.094
0.015	-0.175	-0.1	-0.138	0.294	-0.038	-0.063	-0.2	-0.106	-0.135
0.313	0.235	0.15	-0.011	-0.219	-0.073	0.108	-0.533	-0.023	0.184
0	-0.236	0.527	-0.326	-0.182	-0.51	0.018	0.273	0	-0.19
-0.355	-0.255	-0.059	0.019	-0.134	0.071	-0.092	0.197	-0.135	-0.214
0.198	-0.095	0.1	0.099	-0.331	0.052	-0.016	-0.225	0.183	-0.078
-0.036	-0.068	0.083	-0.065	-0.177	0.003	-0.143	0.176	-0.031	-0.06
-0.789	-0.076	-0.057	-0.038	-0.074	-0.069	0.283	-0.353	-0.267	-0.053
-0.317	-0.11	0.127	0.157	-0.174	-0.177	-0.106	-0.245	-0.202	-0.086
-0.184	-0.115	-0.067	0.044	-0.194	0.076	0.14	0.109	-0.192	-0.105
-0.188	-0.117	-0.051	-0.107	-0.086	-0.045	-0.096	0.324	-0.199	-0.105
-0.033	-0.062	-0.073	-0.259	0.161	-0.126	0.003	0.014	-0.048	-0.101
0.074	-0.209	-0.026	-0.127	0.177	-0.142	-0.112	0.275	0.121	-0.146
-0.218	-0.095	-0.08	-0.119	-0.094	0.071	0.209	-0.191	-0.244	-0.075
-0.375	-0.382	0.159	-0.213	0.068	0.002	-0.213	0.261	-0.418	-0.33
-0.656	-0.149	-0.101	0.015	-0.026	-0.065	-0.143	0.365	-0.648	-0.136
-0.272	-0.159	-0.109	0.495	-0.109	-0.066	0.313	-0.128	-0.212	-0.14
-0.053	-0.183	-0.109	-0.147	0.33	-0.047	-0.087	-0.244	-0.053	-0.183
0	-0.041	-0.079	0.089	-0.21	-0.132	-0.055	0.135	0	-0.03
-0.118	-0.025	0.011	-0.074	0.069	-0.332	0.428	0.48	-0.112	-0.018
-0.127	-0.104	0.159	0.102	-0.237	0.055	-0.126	-0.093	-0.116	-0.087
-0.383	-0.058	0.181	0.378	-0.215	-0.23	-0.265	-0.37	-0.255	-0.039
-0.118	-0.032	0.134	-0.13	0.117	-0.091	0.06	0.012	-0.118	-0.032
-0.25	-0.037	0.02	0.024	0.022	-0.055	-0.2	-0.325	-0.25	-0.038
0.921	-0.299	0.66	-0.407	0.135	-0.738	0.427	-0.825	1.09	-0.293
-0.419	0.023	-0.018	0.105	-0.056	-0.154	-0.039	0.076	-0.419	0.023
0.06	-0.23	-0.045	-0.151	0.221	-0.33	0.133	0.067	-0.204	-0.214
-0.144	-0.186	-0.204	0.273	0.006	-0.353	-0.393	0.367	-0.149	-0.176
0	-0.105	-0.171	0.032	-0.014	-0.019	-0.209	-0.257	0	-0.107
0.176	-0.233	0.058	0.011	-0.193	0.091	-0.176	0.029	0.176	-0.233
-0.168	-0.064	-0.126	0	-0.052	-0.033	-0.028	0.326	-0.162	-0.054
0.371	-0.003	0.104	-0.061	-0.131	-0.195	-0.055	-0.111	0.359	-0.025
0.315	0.233	0.14	-0.034	-0.229	-0.107	0.096	-0.54	0.192	0.215
-0.451	-0.072	0.12	0.191	-0.182	-0.195	-0.14	-0.314	-0.319	-0.053
-0.094	-0.223	-0.076	0.024	-0.177	0.121	-0.046	0.097	-0.181	-0.317
0	-0.063	0.279	-0.156	-0.145	-0.398	0.419	0.25	0	-0.047

-0.089	-0.186	-0.32	0.348	-0.036	-0.231	-0.043	0.103	-0.107	-0.176
0.12	-0.098	0.078	0.166	-0.328	-0.135	-0.186	0.133	0.151	-0.086
-0.741	-0.121	-0.114	0.071	-0.173	-0.015	0.146	0.043	-0.817	-0.109
0.198	-0.117	0.152	0.063	-0.284	0.043	-0.063	-0.24	0.19	-0.1
-0.072	-0.042	-0.088	-0.118	-0.102	0.308	-0.064	-0.271	-0.037	-0.029
0.176	-0.178	-0.201	0.176	-0.016	-0.174	-0.509	0.16	0.201	-0.157
-0.156	-0.032	0.079	-0.149	0.142	-0.14	0.073	-0.091	-0.156	-0.032
-0.417	0.025	-0.02	0.1	-0.078	-0.169	-0.043	0.104	-0.417	0.025
-0.417	0.025	-0.02	0.1	-0.078	-0.169	-0.043	0.104	-0.417	0.025
-0.156	-0.142	-0.067	-0.179	0.345	-0.056	-0.081	-0.345	-0.029	-0.248
0.076	-0.142	-0.091	0.123	-0.081	-0.037	-0.189	-0.003	0.076	-0.248
0	-0.444	0.461	-0.289	-0.469	0.34	-0.516	0.413	0	-0.377
-0.07	-0.161	-0.028	0.305	-0.194	0.011	0.306	-0.219	0.016	-0.178
-0.262	-0.083	0.074	-0.073	-0.05	-0.244	-0.272	0.054	-0.253	-0.076
-0.075	-0.17	-0.249	0.296	-0.13	-0.186	0.054	0.008	-0.085	-0.164
-0.368	-0.072	0.081	-0.141	0.054	-0.07	-0.216	-0.002	-0.385	-0.074
-0.172	-0.094	0.69	-0.073	-0.456	-0.558	-0.882	-0.227	0.756	-0.112
-0.351	-0.288	0.473	-0.258	-0.332	0.031	-0.276	0.406	-0.399	-0.246
-0.169	-0.13	0.113	-0.129	-0.115	-0.254	0.158	0.386	-0.169	-0.106
0.154	-0.124	0.09	0.155	-0.277	-0.356	-0.194	0.117	0.166	-0.1
-0.095	-0.031	0.141	-0.165	0.124	-0.083	0.071	0.033	-0.095	-0.031
0.058	-0.132	0.401	-0.053	-0.313	-0.051	-0.251	-0.071	0.046	-0.112
-0.05	-0.25	0.183	-0.177	-0.098	-0.454	0.771	-0.113	-0.198	-0.041
0.123	-0.149	0.042	0.071	-0.203	-0.289	-0.385	0.422	0.14	-0.129
-1.53	-0.108	0.189	-0.277	-0.073	-0.042	-0.15	0.389	0.514	-0.104
-0.094	-0.026	0.261	-0.047	0.368	-0.021	-0.139	-0.139	0.042	-0.066
-0.104	-0.06	-0.105	-0.042	-0.068	-0.157	0.195	-0.086	-0.095	-0.048
-0.608	-0.434	-0.018	0.187	-0.074	0.079	-0.061	-0.171	0.412	-0.29
-0.057	-0.175	-0.1	-0.197	0.314	-0.033	-0.052	-0.214	-0.057	-0.175
0.101	-0.143	0.061	-0.19	0.138	-0.368	-0.014	-0.042	0.118	-0.123
-0.063	-0.089	0.035	0.163	-0.196	-0.323	-0.069	0.092	-0.075	-0.074
0	-0.158	-0.121	0.064	-0.179	-0.473	0.805	-0.385	0	-0.158
0.024	-0.032	0.064	-0.172	0.04	-0.286	0.15	-0.12	0.024	-0.032
-0.271	-0.046	0.116	0.143	-0.411	-0.164	0.167	-0.254	-0.269	-0.035
-0.088	-0.09	-0.036	-0.147	0.072	-0.043	-0.146	0.009	-0.109	-0.085
0.022	-0.191	0.125	-0.048	-0.186	-0.008	-0.225	0.026	0.141	-0.107
-0.161	-0.215	0.399	-0.067	-0.087	-0.055	-0.283	-0.228	-0.141	-0.184
0	-0.028	0.11	-0.235	-0.046	0.258	-0.67	-0.904	0	0.207
-0.002	-0.118	0.147	0.052	-0.049	0.115	-0.058	-0.075	0.032	-0.124
0.003	-0.138	0.047	-0.016	0.042	0.096	-0.302	-0.029	0.066	-0.108
-1.094	-0.082	-0.089	0.138	-0.206	-0.13	0.02	0.661	-1.085	-0.069
-0.121	-0.057	-0.127	0.058	-0.138	0.014	0.138	0.155	-0.115	-0.047
0.368	-0.139	-0.008	-0.164	0.148	0.015	-0.176	-0.223	0.39	-0.125
-0.1	-0.087	0.016	0.02	0.017	-0.022	-0.133	-0.282	-0.1	-0.087
-0.027	-0.062	-0.086	-0.106	-0.079	0.091	0.017	-0.001	-0.026	-0.062
0.12	-0.039	0.313	-0.178	-0.264	-0.138	-0.056	0.076	0.118	-0.054
-0.259	-0.114	0.465	-0.079	-0.108	-0.006	0.072	-0.29	0.157	-0.099
0.291	-0.395	0.483	-0.336	0.003	-0.347	0.381	-0.627	0.311	-0.333
0.036	0.029	0.004	0.066	0.213	-0.191	-0.023	-0.384	-0.13	-0.019
-0.149	-0.03	-0.063	-0.223	-0.03	0.306	-0.049	-0.276	-0.162	-0.019

-0.043	-0.319	0.056	0.035	-0.079	-0.199	-0.364	0.412	-0.058	-0.302
-0.275	-0.07	0.385	-0.221	-0.148	-0.103	0.559	-0.027	-0.261	-0.054
-0.162	-0.136	-0.062	-0.171	0.311	-0.036	-0.064	-0.292	-0.081	-0.176
0.022	-0.199	-0.074	0.15	-0.172	-0.121	0.051	0.041	0.032	-0.19
0.114	-0.154	0.254	0.039	-0.231	0.092	-0.131	-0.2	0.106	-0.132
0	0.01	-0.074	0.028	-0.327	-0.092	-0.009	0.255	0	-0.013
0.11	-0.154	0.033	-0.201	-0.111	-0.158	0.252	0.053	0.116	-0.118
-0.06	-0.128	-0.123	0.221	-0.066	-0.445	-0.509	0.51	-0.071	-0.118
0	-0.575	0.381	-0.369	0.156	0.071	-1.443	0	0	-0.45
-0.282	-0.15	0.07	0.567	-0.094	-0.05	0.363	-0.155	-0.253	-0.131
-0.131	-0.195	-0.228	-0.141	0.129	0.275	-0.173	-0.183	-0.151	-0.161
-0.218	-0.095	-0.08	-0.119	-0.094	0.071	0.209	-0.191	-0.244	-0.075
0.066	-0.198	-0.118	-0.034	0.043	-0.115	0.117	-0.11	0.064	-0.191
-0.058	-0.064	-0.092	-0.139	-0.086	0.128	0.012	0.009	-0.055	-0.064
-0.167	-0.141	-0.119	-0.15	0.326	-0.008	-0.101	-0.333	-0.167	-0.141
0.018	0.026	-0.043	0.044	-0.14	-0.226	0.125	0.189	-0.081	0.026
-0.016	-0.141	-0.077	0.202	-0.263	-0.065	-0.036	-0.069	-0.036	-0.126
0.313	-0.32	0.053	0.117	-0.252	0.335	-0.225	-0.058	0.363	-0.253
-0.092	-0.211	0.334	-0.238	-0.1	-0.357	0.328	-0.211	-0.029	-0.169
0	-0.096	0.226	-0.455	-0.062	-1.138	0	0	0	-0.075
-0.237	-0.229	0.03	-0.085	-0.112	0.232	-0.541	0.251	-0.222	-0.174
-0.769	-0.129	-0.091	0.144	-0.214	-0.099	0.073	0.241	-0.841	-0.117
-0.341	-0.091	0.143	-0.105	-0.221	0.007	-0.253	0.785	-0.319	-0.081
-0.023	-0.173	0.065	0.084	-0.094	-0.072	-0.223	0.01	0.141	-0.185
-0.101	-0.246	-0.017	0.152	-0.176	0.081	-0.152	-0.305	0.188	-0.226
-0.222	0.044	0.382	0.199	-0.098	-0.636	-0.603	-0.418	-1	-0.044
-0.239	-0.211	0.148	-0.018	-0.126	0.004	0.387	-0.136	-0.254	-0.163
0.195	-0.108	0.239	-0.175	0.072	-0.34	-0.178	0.204	0.204	-0.099
-0.063	-0.093	-0.14	-0.036	-0.107	0.138	-0.013	0.003	-0.021	-0.069
-0.318	-0.07	-0.133	0.061	-0.137	-0.019	0.131	0.209	-0.312	-0.058
0.636	0.035	0.195	-0.113	-0.106	-0.256	-0.064	-0.163	0.583	0.022
-0.449	0.043	0.223	-0.162	-0.109	-0.355	-0.009	0.392	-0.436	0.019
0.878	0.05	0.185	-0.155	-0.075	-0.299	-0.04	-0.221	0.848	0.025
-0.211	-0.043	0.016	0.022	0.019	-0.023	-0.148	-0.368	-0.211	-0.043
-0.116	-0.218	0.007	-0.001	-0.092	0.168	-0.005	0.049	-0.117	-0.207
-0.114	-0.144	0.157	-0.22	0.254	-0.095	0.145	-0.256	-0.011	-0.012
-0.012	-0.142	0.016	-0.113	0.027	-0.159	-0.144	0.124	0.007	-0.128
0.077	-0.154	-0.113	-0.058	-0.089	-0.103	-0.043	0.077	0.077	-0.154
-0.442	-0.043	-0.015	-0.04	-0.056	-0.032	-0.053	-0.088	-0.181	-0.02
-0.186	-0.091	0.175	-0.39	-0.105	-0.072	0.406	0.271	-0.195	0.06
0	-0.05	-0.135	-0.262	0.123	-0.038	0.154	0.154	0	-0.05
-0.526	0.013	-0.008	-0.045	-0.025	-0.116	-0.127	-0.32	-0.526	0.013
-0.048	-0.166	0.209	-0.007	-0.144	-0.072	0.17	-0.187	-0.103	-0.167
-0.627	-0.129	-0.08	-0.142	0.02	-0.152	-0.079	0.787	-0.633	-0.114
0.021	-0.138	0.091	0.006	0.044	-0.142	0.034	-0.039	0.015	-0.12
0.089	-0.146	0.092	0.025	0.121	-0.251	0.123	-0.152	0.092	-0.128
0	0.015	-0.057	-0.12	-0.45	0	0	0	0	0.015
0	-0.075	0.516	-0.131	-0.187	-0.354	-0.256	0.187	0	-0.059
0.116	-0.183	-0.053	0.155	-0.138	-0.136	-0.197	0.061	0.096	-0.177
0.092	-0.177	-0.121	-0.046	0.047	-0.136	0.139	-0.127	0.091	-0.17

-0.019	-0.216	-0.01	0.114	-0.02	-0.032	-0.209	-0.03	-0.019	-0.216
0.067	-0.04	-0.106	-0.147	-0.016	0.016	0.092	-0.151	-0.088	-0.026
-0.199	-0.241	-0.106	-0.13	-0.101	0.145	0.325	-0.142	-0.206	-0.221
-0.095	-0.113	-0.009	0.101	-0.154	-0.091	0.103	-0.18	-0.101	-0.088
0	-0.091	-0.429	0	0	0	0	1	0	-0.091
-0.24	-0.058	-0.134	0.052	-0.127	0.002	0.117	0.221	-0.234	-0.047
0.098	-0.057	0.04	0.096	-0.303	0.008	0.071	-0.113	-0.153	-0.059
0.057	-0.083	0.044	-0.026	-0.183	0.006	-0.025	0.064	0.056	-0.08
0.066	-0.303	0.376	-0.096	-0.18	-0.105	-0.318	0.113	-0.303	0.057
-0.055	-0.032	-0.063	-0.122	-0.133	0.29	-0.116	-0.209	-0.065	-0.024
0.035	-0.182	0.165	-0.209	0.192	0.045	-0.222	-0.205	0.047	-0.151
-0.066	-0.191	0.261	-0.071	-0.321	0.09	0.092	-0.308	0.182	-0.045
-0.08	-0.244	0.231	-0.174	-0.213	0.015	-0.252	0.201	-0.042	-0.198
-0.188	-0.162	-0.054	-0.061	-0.125	0.229	-0.208	-0.08	-0.022	-0.127
0.062	-0.38	0.492	-0.442	0.209	-0.398	0.031	-0.306	0.18	-0.555
0.093	-0.113	-0.018	0.016	0.057	0.075	-0.146	0.064	0.093	-0.113
0.037	-0.165	0.114	0.116	-0.229	0.008	-0.207	-0.011	0.173	-0.179
-0.015	-0.173	0.13	-0.106	-0.15	-0.07	-0.137	-0.13	0.261	0.105
0.186	-0.167	0.087	0.286	-0.292	-0.558	-0.242	0.128	0.201	-0.137
0.07	-0.079	0.086	-0.14	-0.043	0.032	-0.18	-0.049	-0.072	-0.061
0	0.01	-0.074	0.028	-0.327	-0.092	-0.009	0.255	0	-0.013
-0.153	-0.332	-0.018	0.021	-0.304	0.207	0.139	0.051	-0.142	-0.294
-0.1	-0.096	-0.163	0.361	0.049	-0.273	-0.36	-0.272	-0.131	-0.088
-0.027	-0.119	0.284	-0.077	-0.238	0.165	-0.188	-0.062	-0.169	-0.135
-0.06	-0.087	0.061	0.193	-0.232	0.058	0.105	-0.12	-0.087	-0.066
0.037	-0.141	0.065	0.017	0.069	-0.14	-0.055	0.005	0.031	-0.123
0.234	-0.063	0.426	-0.057	-0.067	-0.322	-0.338	-0.237	0.25	-0.047
-0.158	-0.127	-0.11	-0.002	-0.241	0.082	0.212	0.054	-0.168	-0.11
-0.216	-0.127	-0.075	-0.103	-0.108	0.222	0.015	0.057	-0.217	-0.11
-0.156	-0.142	-0.067	-0.179	0.345	-0.056	-0.081	-0.345	-0.029	-0.248
0.757	-0.127	0.164	0.3	0.011	-0.251	-0.401	0.195	-0.299	-0.075
-0.524	0.014	-0.012	-0.06	-0.037	-0.091	-0.167	-0.259	-0.524	0.014
-0.053	-0.183	-0.109	-0.147	0.33	-0.047	-0.087	-0.244	-0.053	-0.183
-0.417	0.025	-0.02	0.1	-0.078	-0.169	-0.043	0.104	-0.417	0.025
0.658	0.056	0.189	-0.122	-0.102	-0.281	-0.063	-0.187	0.604	0.038
-0.08	-0.203	0.226	-0.147	-0.335	0.341	-0.227	0.007	-0.164	0.013
0.024	-0.222	-0.164	-0.086	0.171	-0.072	-0.172	0.337	-0.248	-0.149
0.07	-0.079	0.086	-0.14	-0.043	0.032	-0.18	-0.049	-0.072	-0.061
0.119	-0.138	-0.096	-0.036	0.096	-0.138	-0.261	0.474	0.168	-0.091
-0.326	0.011	-0.009	0.004	-0.061	-0.094	-0.095	-0.162	-0.326	0.011
-0.3	-0.16	0.442	-0.273	0.217	-0.169	-0.083	-0.143	-0.34	-0.136
-0.238	-0.089	-0.044	0.291	-0.033	0.014	-0.018	-0.098	-0.234	-0.08
0.022	-0.199	-0.074	0.15	-0.172	-0.121	0.051	0.041	0.032	-0.19
-0.162	-0.136	-0.062	-0.171	0.311	-0.036	-0.064	-0.292	-0.081	-0.176
-0.355	-0.255	-0.059	0.019	-0.134	0.071	-0.092	0.197	-0.135	-0.214
0	-0.236	0.527	-0.326	-0.182	-0.51	0.018	0.273	0	-0.19
0.11	-0.154	0.033	-0.201	-0.111	-0.158	0.252	0.053	0.116	-0.118
-0.131	-0.195	-0.228	-0.141	0.129	0.275	-0.173	-0.183	-0.151	-0.161
-0.526	0.013	-0.008	-0.045	-0.025	-0.116	-0.127	-0.32	-0.526	0.013
0.037	-0.165	0.114	0.116	-0.229	0.008	-0.207	-0.011	0.173	-0.179

-0.167	-0.141	-0.119	-0.15	0.326	-0.008	-0.101	-0.333	-0.167	-0.141
-0.365	0.02	0.005	0.106	-0.16	-0.267	0.031	0.332	-0.365	0.02
0.037	-0.141	0.065	0.017	0.069	-0.14	-0.055	0.005	0.031	-0.123
-0.214	-0.189	0.231	-0.179	-0.407	0.467	-0.254	0.082	-0.152	-0.015
-0.055	-0.032	-0.063	-0.122	-0.133	0.29	-0.116	-0.209	-0.065	-0.024
0.036	0.029	0.004	0.066	0.213	-0.191	-0.023	-0.384	-0.13	-0.019
-0.417	0.025	-0.02	0.1	-0.078	-0.169	-0.043	0.104	-0.417	0.025
-0.027	-0.062	-0.086	-0.106	-0.079	0.091	0.017	-0.001	-0.026	-0.062
0.074	-0.209	-0.026	-0.127	0.177	-0.142	-0.112	0.275	0.121	-0.146
0.092	-0.177	-0.121	-0.046	0.047	-0.136	0.139	-0.127	0.091	-0.17
0.093	-0.113	-0.018	0.016	0.057	0.075	-0.146	0.064	0.093	-0.113
-0.06	-0.128	-0.123	0.221	-0.066	-0.445	-0.509	0.51	-0.071	-0.118
0.062	-0.38	0.492	-0.442	0.209	-0.398	0.031	-0.306	0.18	-0.555
0.227	-0.206	0.09	0.101	-0.383	0.207	0.054	-0.296	0.202	-0.162
-0.041	-0.216	-0.01	0.075	-0.026	-0.023	-0.185	0.033	-0.041	-0.216
0.067	-0.157	-0.057	-0.076	0.217	-0.145	-0.281	0.286	0.121	-0.109
0.022	-0.204	-0.103	-0.021	0.133	-0.113	-0.132	0.249	0.03	-0.154
0.057	-0.083	0.044	-0.026	-0.183	0.006	-0.025	0.064	0.056	-0.08
-0.27	-0.211	0.148	-0.018	-0.152	0.107	0.182	0.049	-0.305	-0.163
-0.068	-0.117	0.104	-0.093	-0.366	0.329	-0.18	-0.063	0.162	0.042
-0.101	-0.246	-0.017	0.152	-0.176	0.081	-0.152	-0.305	0.188	-0.226
0.082	-0.204	-0.09	-0.024	0.133	-0.093	-0.245	0.337	0.113	-0.154



MATS2e	MATS3e	MATS4e	MATS5e	MATS6e	MATS7e	MATS8e	MATS1p	MATS2p	MATS3p
-0.07	-0.056	-0.078	-0.152	0.301	-0.115	0.02	-0.06	-0.094	-0.052
-0.169	0.008	-0.016	-0.097	-0.338	0.329	0.102	-0.142	-0.176	0.002
-0.038	-0.007	-0.103	0.124	-0.33	0.14	-0.347	0.069	0.117	0.118
-0.204	0.356	0.047	-0.267	-0.342	-0.198	-0.055	-0.122	-0.223	0.375
-0.006	-0.244	0.056	-0.211	0.567	-0.205	-0.12	-0.366	0.073	-0.164
0.016	0.02	0.017	-0.022	-0.133	-0.282	-0.1	-0.087	0.016	0.02
-0.041	0.147	-0.133	-0.183	-0.058	-0.063	-1.13	-0.054	-0.049	0.119
0.327	-0.129	-0.234	-0.298	0.574	-0.002	0.215	-0.109	0.293	-0.087
-0.134	-0.24	0.18	-0.088	-0.004	-0.033	0.039	-0.102	-0.126	-0.228
-0.073	-0.152	0.088	-0.144	-0.097	-0.008	0.084	-0.056	-0.079	-0.15
-0.018	0.109	-0.284	-0.032	0.034	-0.001	-0.689	-0.038	0.059	0.168
0.259	-0.2	0.272	-0.214	0.128	-0.366	-0.03	-0.218	0.27	-0.218
-0.039	-0.075	0.164	-0.066	-0.342	0.27	0.113	-0.143	-0.1	-0.053
-0.139	-0.14	0.037	-0.147	0.294	-0.069	-0.1	-0.068	-0.072	-0.064
-0.102	-0.123	0.346	-0.101	-0.201	-0.294	0.349	-0.095	-0.048	-0.07
0.117	-0.083	-0.184	-0.184	-0.035	-0.349	0.714	0.223	0.144	0.025
-0.054	-0.193	-0.202	0.51	-0.461	0.504	0	-0.092	0.464	-0.35
-0.118	-0.08	0.01	0.188	0.054	-0.134	-0.542	-0.184	-0.011	0.062
0.091	0.032	-0.307	0.086	-0.045	-0.214	0.199	-0.102	0.102	0.129
0.068	-0.061	-0.158	-0.015	-0.121	0.159	-0.037	-0.071	0.088	-0.066
-0.063	-0.037	-0.07	-0.064	0.001	-0.043	-1.124	-0.043	-0.026	-0.018
0.04	0.032	-0.179	0.075	-0.335	0.21	-0.5	-0.084	0.133	0.178
-0.061	0.058	-0.188	0.089	0.157	0.078	-0.183	-0.119	-0.069	0.037
-0.055	-0.113	-0.091	-0.042	-0.076	0.298	-0.186	-0.122	-0.049	-0.104
-0.136	-0.089	0.043	-0.031	-0.037	-0.012	-0.047	-0.003	-0.002	-0.321
-0.014	-0.108	0.12	-0.123	-0.161	0.332	0.081	-0.228	-0.035	-0.121
-0.08	-0.111	-0.083	0.048	0.223	-0.175	-0.218	-0.098	-0.076	-0.115
0.151	-0.198	0.086	-0.035	-0.134	0.183	-0.37	-0.4	0.167	-0.215
-0.1	0.026	-0.01	-0.079	-0.178	0.335	-0.657	-0.155	-0.102	0.011
-0.114	0.365	-0.081	-0.04	0.314	-0.241	-0.395	-0.132	-0.084	0.463
-0.109	-0.147	0.33	-0.047	-0.087	-0.244	-0.053	-0.183	-0.109	-0.147
-0.1	-0.076	-0.167	0.122	-0.169	0.211	0	-0.029	-0.044	0.139
-0.001	-0.087	0.085	-0.305	0.474	0.375	-0.118	-0.028	0.015	-0.07
0.122	0.084	-0.227	0.053	-0.092	-0.106	-0.128	-0.111	0.173	0.108
0.027	0.131	-0.205	-0.181	-0.279	0.479	-0.635	-0.041	0.193	0.371
0.134	-0.13	0.117	-0.091	0.06	0.012	-0.118	-0.032	0.134	-0.13
0.02	0.024	0.022	-0.055	-0.2	-0.325	-0.25	-0.038	0.02	0.024
0.581	-0.404	0.148	-0.681	0.427	-0.727	0.903	-0.3	0.688	-0.405
-0.018	0.105	-0.056	-0.154	-0.039	0.076	-0.419	0.023	-0.018	0.105
-0.113	-0.161	0.074	0.28	-0.105	-0.032	0.01	-0.188	-0.006	-0.14
-0.189	0.255	-0.039	-0.353	-0.378	0.411	-0.144	-0.189	-0.209	0.28
-0.166	-0.034	-0.013	0.008	-0.143	-0.181	0	-0.104	-0.172	0.058
0.058	0.011	-0.193	0.091	-0.176	0.029	0.176	-0.233	0.058	0.011
-0.119	-0.001	-0.041	-0.048	-0.014	0.263	-0.169	-0.069	-0.129	0
0.131	-0.05	-0.164	-0.183	-0.024	-0.164	0.372	0.007	0.091	-0.066
0.172	-0.035	-0.207	-0.133	0.052	-0.562	0.328	0.237	0.125	-0.033
0.03	0.058	-0.199	0.06	-0.346	0.179	-0.738	-0.056	0.13	0.207
-0.05	-0.05	-0.015	0.037	-0.118	0.33	-0.275	-0.053	-0.097	0.077
0.225	-0.134	-0.151	-0.386	0.447	0.232	0	-0.07	0.299	-0.164

-0.306	0.343	-0.077	-0.232	-0.017	0.074	-0.087	-0.189	-0.326	0.349
0.096	0.182	-0.331	-0.166	-0.187	0.096	0.117	-0.103	0.07	0.159
-0.109	0.068	-0.163	-0.019	0.137	-0.034	-0.733	-0.126	-0.115	0.071
0.148	0	-0.254	0.066	-0.093	-0.224	0.199	-0.124	0.151	0.091
-0.085	-0.11	-0.054	0.227	-0.048	-0.232	-0.053	-0.048	-0.089	-0.121
-0.192	0.183	-0.053	-0.211	-0.487	0.228	0.173	-0.186	-0.205	0.171
0.079	-0.149	0.142	-0.14	0.073	-0.091	-0.156	-0.032	0.079	-0.149
-0.02	0.1	-0.078	-0.169	-0.043	0.104	-0.417	0.025	-0.02	0.1
-0.02	0.1	-0.078	-0.169	-0.043	0.104	-0.417	0.025	-0.02	0.1
-0.18	-0.07	0.281	-0.071	-0.115	0.037	-0.158	-0.006	0.002	-0.22
-0.211	0.22	-0.171	-0.039	0.056	-0.078	0.16	-0.006	0.001	-0.087
0.446	-0.32	-0.444	0.251	-0.44	0.38	0	-0.47	0.462	-0.274
-0.085	0.321	-0.144	-0.014	0.28	-0.128	-0.044	-0.062	0.046	0.178
0.048	-0.069	-0.045	-0.225	-0.245	0.009	-0.263	-0.086	0.084	-0.074
-0.246	0.29	-0.157	-0.179	0.075	-0.008	-0.074	-0.172	-0.25	0.298
0.099	-0.141	0.018	-0.07	-0.208	0.06	-0.365	-0.07	0.073	-0.14
0.77	-0.072	-0.425	-0.667	-0.576	-0.499	0.2	-0.008	0.461	-0.009
0.468	-0.26	-0.32	0.011	-0.264	0.304	-0.345	-0.304	0.47	-0.255
0.118	-0.115	-0.106	-0.244	0.102	0.366	-0.169	-0.14	0.107	-0.133
0.099	0.125	-0.273	-0.359	-0.174	0.113	0.153	-0.132	0.082	0.165
0.141	-0.165	0.124	-0.083	0.071	0.033	-0.095	-0.031	0.141	-0.165
0.405	-0.062	-0.301	-0.094	-0.251	-0.07	0.059	-0.14	0.395	-0.05
0.151	-0.225	-0.119	-0.289	0.711	-0.148	-0.17	-0.503	0.177	-0.074
0.017	0.102	-0.204	-0.3	-0.372	0.439	0.121	-0.157	0.051	0.057
0.254	-0.327	0.062	-0.109	-0.354	0.143	-0.056	-0.046	-0.056	-0.108
0.238	-0.115	0.256	-0.123	0.048	-0.22	0.008	0.002	0.13	0.003
-0.089	-0.045	-0.067	-0.147	0.168	-0.081	-0.105	-0.065	-0.112	-0.04
-0.071	0.194	-0.023	0.034	-0.09	-0.147	0.227	-0.623	0.044	0.149
-0.1	-0.197	0.314	-0.033	-0.052	-0.214	-0.057	-0.175	-0.1	-0.197
0.107	-0.188	0.048	-0.372	-0.037	-0.02	0.099	-0.151	0.042	-0.189
0.057	0.175	-0.223	-0.326	-0.096	0.069	-0.062	-0.095	0.024	0.157
-0.121	0.064	-0.179	-0.473	0.805	-0.385	0	-0.158	-0.121	0.064
0.064	-0.172	0.04	-0.286	0.15	-0.12	0.024	-0.032	0.064	-0.172
0.119	0.098	-0.367	-0.137	0.159	-0.274	-0.271	-0.052	0.114	0.16
-0.012	-0.137	0.027	-0.055	-0.149	0.027	-0.086	-0.091	-0.047	-0.15
0.021	-0.097	-0.151	-0.017	0.134	-0.116	0.294	-0.205	0.124	-0.073
0.422	-0.059	-0.065	-0.068	-0.255	-0.241	-0.164	-0.226	0.384	-0.069
0.087	-0.211	-0.098	0.147	-0.825	-0.983	0	-0.408	0.11	-0.206
0.191	-0.03	-0.123	0.111	-0.131	-0.134	-0.011	-0.1	0.109	0.069
0.054	-0.01	0.019	0.122	-0.27	-0.038	-0.004	-0.149	0.042	-0.02
-0.085	0.153	-0.198	-0.145	-0.002	0.416	-1.094	-0.087	-0.091	0.131
-0.119	0.061	-0.126	0.008	0.129	0.111	-0.122	-0.061	-0.13	0.056
-0.01	-0.155	0.115	0.024	-0.155	-0.213	0.356	-0.14	-0.013	-0.164
0.016	0.02	0.017	-0.022	-0.133	-0.282	-0.1	-0.087	0.016	0.02
-0.084	-0.109	-0.088	0.095	0.023	0.008	-0.027	-0.061	-0.087	-0.104
0.406	-0.179	-0.259	-0.113	-0.06	0.02	0.152	-0.034	0.313	-0.179
0.344	-0.08	-0.107	-0.003	-0.019	-0.245	-0.19	-0.095	0.434	-0.062
0.468	-0.336	-0.015	-0.338	0.282	-0.555	0.288	-0.419	0.484	-0.333
-0.033	0.143	0.083	-0.214	0.059	-0.14	-0.137	0.098	0.066	-0.139
-0.064	-0.188	0.023	0.201	-0.035	-0.235	-0.15	-0.037	-0.064	-0.228

-0.015	0.1	-0.093	-0.179	-0.329	0.335	-0.043	-0.323	0.09	0.008
0.442	-0.207	-0.168	-0.076	0.549	-0.011	-0.266	-0.071	0.389	-0.217
-0.153	-0.114	0.32	-0.014	-0.196	-0.203	0.277	0.007	-0.003	-0.209
-0.073	0.173	-0.156	-0.099	0.012	0.02	0.02	-0.202	-0.074	0.139
0.251	-0.022	-0.198	0.116	-0.159	-0.198	0.115	-0.163	0.252	0.067
-0.036	0.029	-0.331	-0.109	-0.042	0.233	0	0.021	-0.092	0.025
-0.009	-0.156	-0.086	-0.109	0.202	0.041	0.106	-0.161	0.046	-0.211
-0.131	0.218	-0.091	-0.434	-0.487	0.521	-0.058	-0.132	-0.119	0.22
0.316	-0.375	0.177	0.003	-1.544	0	0	-0.622	0.402	-0.361
0.051	0.463	-0.066	-0.024	0.338	-0.261	-0.42	-0.132	0.072	0.532
-0.227	-0.15	0.252	0.054	0.138	-0.176	-0.27	-0.127	-0.138	-0.082
-0.08	-0.111	-0.083	0.048	0.223	-0.175	-0.218	-0.098	-0.076	-0.115
-0.115	-0.035	0.036	-0.114	0.12	-0.11	0.066	-0.202	-0.119	-0.033
-0.09	-0.143	-0.096	0.133	0.018	0.017	-0.058	-0.064	-0.092	-0.137
-0.119	-0.15	0.326	-0.008	-0.101	-0.333	-0.167	-0.141	-0.119	-0.15
-0.046	0.035	-0.145	-0.228	0.14	0.189	-0.043	0.026	-0.044	0.042
-0.081	0.145	-0.27	-0.061	-0.014	-0.04	-0.014	-0.146	-0.075	0.222
0.018	0.125	-0.222	0.27	-0.129	-0.042	0.307	-0.344	0.071	0.111
0.223	-0.233	-0.082	-0.27	0.435	-0.244	-0.129	-0.191	0.331	-0.199
0.175	-0.442	0.006	-1.154	0	0	0	-0.106	0.245	-0.458
0.027	-0.093	-0.128	0.227	-0.554	0.22	-0.247	-0.244	0.022	-0.082
-0.087	0.159	-0.207	-0.114	0.053	0.14	-0.761	-0.134	-0.093	0.137
0.099	-0.106	-0.208	-0.074	-0.06	0.635	-0.521	-0.081	0.147	-0.088
-0.022	-0.004	0.066	-0.097	-0.026	0.093	0.092	-0.13	0.098	0.109
-0.096	0.01	0.017	0.007	-0.023	-0.143	0.004	-0.198	0.026	0.183
-0.026	-0.084	-0.327	0.066	0.08	-0.142	0.385	0.068	0.355	0.329
0.168	-0.034	-0.157	0.045	0.405	-0.061	-0.237	-0.23	0.141	-0.01
0.273	-0.163	0.013	-0.329	-0.178	0.194	0.194	-0.112	0.222	-0.179
-0.12	-0.068	-0.096	0.16	-0.018	-0.011	-0.067	-0.103	-0.149	-0.021
-0.125	0.062	-0.128	-0.024	0.121	0.142	-0.319	-0.075	-0.137	0.06
0.229	-0.114	-0.136	-0.256	-0.026	-0.216	0.641	0.039	0.178	-0.112
0.256	-0.15	-0.141	-0.338	-0.032	0.417	-0.45	0.053	0.207	-0.167
0.217	-0.147	-0.113	-0.288	-0.006	-0.276	0.88	0.06	0.169	-0.158
0.016	0.022	0.019	-0.023	-0.148	-0.368	-0.211	-0.043	0.016	0.022
0.024	0.006	-0.084	0.182	-0.016	0.018	-0.115	-0.223	-0.001	-0.003
0.099	-0.15	0.232	-0.084	0.092	-0.285	-0.097	-0.339	0.167	-0.262
0.035	-0.133	0.011	-0.151	-0.17	0.142	-0.014	-0.148	0.007	-0.104
-0.113	-0.058	-0.089	-0.103	-0.043	0.077	0.077	-0.154	-0.113	-0.058
-0.049	0.163	-0.046	-0.049	-0.232	-0.45	-0.058	0.007	-0.001	0.13
0.155	-0.392	-0.138	-0.09	0.373	0.216	-0.275	-0.334	0.189	-0.266
-0.135	-0.262	0.123	-0.038	0.154	0.154	0	-0.05	-0.135	-0.262
-0.008	-0.045	-0.025	-0.116	-0.127	-0.32	-0.526	0.013	-0.008	-0.045
0.101	-0.083	-0.066	-0.175	0.018	-0.019	-0.171	-0.125	0.216	0.028
-0.084	-0.14	0.004	-0.139	-0.073	0.757	-0.626	-0.136	-0.079	-0.142
0.108	0.02	0.026	-0.136	0.027	-0.051	0.022	-0.145	0.083	0
0.118	0.046	0.095	-0.242	0.105	-0.148	0.088	-0.154	0.08	0.016
-0.057	-0.12	-0.45	0	0	0	0	0.015	-0.057	-0.12
0.462	-0.109	-0.178	-0.347	-0.252	0.172	0	-0.081	0.53	-0.139
-0.059	0.164	-0.13	-0.139	-0.217	0.045	0.118	-0.185	-0.05	0.151
-0.118	-0.047	0.039	-0.135	0.142	-0.126	0.092	-0.18	-0.122	-0.046

-0.01	0.114	-0.02	-0.032	-0.209	-0.03	-0.019	-0.216	-0.01	0.114
-0.116	-0.161	-0.061	-0.034	0.214	-0.188	0.037	-0.037	-0.082	-0.114
-0.112	-0.121	-0.09	0.114	0.333	-0.14	-0.198	-0.246	-0.102	-0.132
-0.002	0.067	-0.179	-0.047	0.097	-0.184	-0.094	-0.123	-0.014	0.114
-0.429	0	0	0	0	1	0	-0.091	-0.429	0
-0.126	0.056	-0.118	-0.004	0.107	0.168	-0.241	-0.062	-0.137	0.05
0.012	0.056	-0.29	0.109	0.037	-0.183	-0.042	-0.022	0.068	0.069
0.043	-0.024	-0.186	0.011	-0.023	0.069	0.057	-0.084	0.045	-0.026
0.375	-0.126	-0.219	-0.181	-0.306	-0.023	-0.169	-0.659	0.269	-0.028
-0.059	-0.122	-0.133	0.235	-0.1	-0.191	-0.054	-0.036	-0.064	-0.121
0.154	-0.19	0.177	0.033	-0.213	-0.209	0.033	-0.193	0.167	-0.215
0.205	-0.116	-0.334	0.138	0.009	-0.247	0.19	-0.406	0.277	0.026
0.195	-0.178	-0.155	-0.067	-0.213	0.224	-0.084	-0.261	0.243	-0.17
-0.08	-0.091	-0.088	0.049	-0.215	0.208	0.472	-0.087	-0.02	-0.022
0.412	-0.294	0.15	-0.066	-0.178	-0.136	0.182	-0.104	0.361	-0.451
-0.018	0.016	0.057	0.075	-0.146	0.064	0.093	-0.113	-0.018	0.016
0.072	0.13	-0.228	0.014	-0.148	-0.032	0.146	-0.077	0.144	0.012
0.135	-0.146	-0.203	-0.138	-0.157	-0.091	0.179	-0.481	0.113	-0.025
0.096	0.242	-0.288	-0.557	-0.206	0.125	0.184	-0.179	0.079	0.301
0.032	-0.148	-0.061	-0.014	-0.013	-0.059	0.067	-0.069	0.096	-0.108
-0.036	0.029	-0.331	-0.109	-0.042	0.233	0	0.021	-0.092	0.025
-0.055	0.069	-0.294	0.16	0.137	0.037	-0.155	-0.346	0.001	0
-0.153	0.347	0	-0.274	-0.348	-0.245	-0.097	-0.099	-0.167	0.364
0.289	-0.084	-0.242	0.198	-0.151	-0.108	-0.182	-0.04	0.152	-0.06
0.061	0.145	-0.24	0.091	0.106	-0.144	-0.057	-0.095	0.058	0.211
0.088	0.031	0.05	-0.136	-0.065	-0.007	0.037	-0.148	0.054	0.01
0.355	-0.06	-0.016	-0.308	-0.342	-0.261	0.232	-0.07	0.451	-0.057
-0.094	-0.009	-0.234	0.045	0.225	0.039	-0.157	-0.134	-0.117	-0.001
-0.057	-0.085	-0.122	0.172	0.063	0.027	-0.215	-0.134	-0.082	-0.11
-0.18	-0.07	0.281	-0.071	-0.115	0.037	-0.158	-0.006	0.002	-0.22
0.284	0.308	-0.079	-0.278	-0.4	0.077	-0.008	-0.147	0.074	0.243
-0.012	-0.06	-0.037	-0.091	-0.167	-0.259	-0.524	0.014	-0.012	-0.06
-0.109	-0.147	0.33	-0.047	-0.087	-0.244	-0.053	-0.183	-0.109	-0.147
-0.02	0.1	-0.078	-0.169	-0.043	0.104	-0.417	0.025	-0.02	0.1
0.225	-0.123	-0.133	-0.28	-0.023	-0.24	0.663	0.062	0.172	-0.121
0.151	-0.242	-0.254	0.337	-0.212	-0.077	-0.199	-0.465	0.251	-0.004
-0.109	-0.109	0.044	-0.117	-0.06	0.318	-0.221	-0.25	-0.226	-0.052
0.032	-0.148	-0.061	-0.014	-0.013	-0.059	0.067	-0.069	0.096	-0.108
-0.063	-0.06	0.049	-0.117	-0.283	0.527	0.13	-0.151	-0.114	-0.021
-0.009	0.004	-0.061	-0.094	-0.095	-0.162	-0.326	0.011	-0.009	0.004
0.39	-0.244	0.166	-0.167	-0.094	-0.14	-0.295	-0.169	0.463	-0.283
-0.047	0.247	-0.036	0.015	-0.017	-0.101	-0.238	-0.092	-0.042	0.306
-0.073	0.173	-0.156	-0.099	0.012	0.02	0.02	-0.202	-0.074	0.139
-0.153	-0.114	0.32	-0.014	-0.196	-0.203	0.277	0.007	-0.003	-0.209
-0.118	-0.08	0.01	0.188	0.054	-0.134	-0.542	-0.184	-0.011	0.062
-0.054	-0.193	-0.202	0.51	-0.461	0.504	0	-0.092	0.464	-0.35
-0.009	-0.156	-0.086	-0.109	0.202	0.041	0.106	-0.161	0.046	-0.211
-0.227	-0.15	0.252	0.054	0.138	-0.176	-0.27	-0.127	-0.138	-0.082
-0.008	-0.045	-0.025	-0.116	-0.127	-0.32	-0.526	0.013	-0.008	-0.045
0.072	0.13	-0.228	0.014	-0.148	-0.032	0.146	-0.077	0.144	0.012

-0.119	-0.15	0.326	-0.008	-0.101	-0.333	-0.167	-0.141	-0.119	-0.15
0.005	0.106	-0.16	-0.267	0.031	0.332	-0.365	0.02	0.005	0.106
0.088	0.031	0.05	-0.136	-0.065	-0.007	0.037	-0.148	0.054	0.01
0.114	-0.279	-0.244	0.55	-0.288	0.006	-0.272	-0.337	0.231	0.058
-0.059	-0.122	-0.133	0.235	-0.1	-0.191	-0.054	-0.036	-0.064	-0.121
-0.033	0.143	0.083	-0.214	0.059	-0.14	-0.137	0.098	0.066	-0.139
-0.02	0.1	-0.078	-0.169	-0.043	0.104	-0.417	0.025	-0.02	0.1
-0.084	-0.109	-0.088	0.095	0.023	0.008	-0.027	-0.061	-0.087	-0.104
-0.014	-0.108	0.12	-0.123	-0.161	0.332	0.081	-0.228	-0.035	-0.121
-0.118	-0.047	0.039	-0.135	0.142	-0.126	0.092	-0.18	-0.122	-0.046
-0.018	0.016	0.057	0.075	-0.146	0.064	0.093	-0.113	-0.018	0.016
-0.131	0.218	-0.091	-0.434	-0.487	0.521	-0.058	-0.132	-0.119	0.22
0.412	-0.294	0.15	-0.066	-0.178	-0.136	0.182	-0.104	0.361	-0.451
0.078	0.029	-0.345	0.239	-0.004	-0.267	0.229	-0.224	0.091	0.132
-0.01	0.075	-0.026	-0.023	-0.185	0.033	-0.041	-0.216	-0.01	0.075
-0.022	-0.087	0.145	-0.114	-0.289	0.34	0.077	-0.172	-0.076	-0.066
-0.073	-0.047	0.104	-0.091	-0.17	0.296	0.023	-0.219	-0.116	-0.009
0.043	-0.024	-0.186	0.011	-0.023	0.069	0.057	-0.084	0.045	-0.026
0.168	-0.034	-0.178	0.119	0.26	0.065	-0.266	-0.23	0.141	-0.01
0.026	-0.193	-0.3	0.331	-0.193	-0.032	0.166	-0.352	0.172	0.036
-0.096	0.01	0.017	0.007	-0.023	-0.143	0.004	-0.198	0.026	0.183
-0.057	-0.053	0.104	-0.076	-0.265	0.375	0.088	-0.219	-0.106	-0.01

MATS4p	MATS5p	MATS6p	MATS7p	MATS8p	GATS1m	GATS2m	GATS3m	GATS4m	GATS5m
-0.08	-0.167	0.298	-0.122	0.081	0.635	0.729	0.829	0.892	1.167
-0.013	-0.043	-0.345	0.244	0.157	0.832	1.046	0.992	1.073	1.108
-0.009	-0.334	0.01	-0.42	-0.123	0.466	0.64	0.576	0.609	0.848
0.12	-0.263	-0.358	-0.246	-0.086	0.869	1.168	0.957	0.998	1.469
0.148	-0.524	0.52	-0.076	-0.183	1.578	1.078	0.988	0.76	0.922
0.017	-0.022	-0.133	-0.282	-0.1	1.37	0.339	0.3	0.328	0.724
-0.147	-0.195	0.011	0.09	-1.102	0.587	0.666	0.705	0.981	1.182
-0.262	-0.328	0.532	-0.023	0.183	0.729	0.552	0.901	0.944	1.098
0.25	-0.103	-0.033	-0.071	0.026	0.994	1.351	1.987	1.264	0.912
0.141	-0.157	-0.121	-0.014	0.092	0.643	0.968	1.59	1.662	1.404
-0.06	-0.291	-0.039	-0.519	0.087	0.461	0.667	0.604	0.692	1.032
0.262	-0.213	0.171	-0.381	0.011	0.886	0.536	1.145	0.823	1.273
0.236	-0.093	-0.338	0.229	0.169	0.663	0.772	0.886	0.937	1.198
0.21	-0.092	-0.224	0.003	-0.003	0.492	0.704	0.708	0.427	0.44
0.073	-0.002	0.005	-0.073	-0.404	0.479	0.683	0.613	0.6	1.044
-0.216	-0.009	0.133	-0.563	-0.364	0.489	0.687	0.896	0.961	1.035
0.131	-0.904	0.085	0.059	0	0.534	0.79	1.318	1.13	1.018
-0.167	-0.019	-0.155	0.252	0.036	0.477	0.653	0.593	0.621	0.59
-0.34	0.036	-0.003	-0.229	0.174	0.752	0.761	0.915	1.269	1.107
-0.184	0.011	-0.151	0.18	-0.028	0.776	0.719	0.809	1.155	1.085
-0.037	-0.035	0.272	-0.472	0.09	0.454	0.642	0.561	0.593	0.578
-0.119	-0.316	0.002	-0.431	-0.044	0.482	0.668	0.586	0.666	0.958
-0.197	0.07	0.132	0.121	-0.195	0.891	0.754	0.955	1.232	0.973
-0.083	-0.045	-0.104	0.329	-0.203	1.047	0.917	1.312	1.161	0.754
0.153	-0.22	0.017	0.015	-0.006	0.942	1.09	0.658	0.817	1.112
0.17	-0.138	-0.101	0.272	0.129	0.742	0.76	0.907	0.999	1.303
-0.09	0.072	0.195	-0.2	-0.255	0.674	0.83	0.88	0.688	0.537
0.062	0.018	-0.243	0.285	-0.434	1.142	0.756	0.945	0.713	0.925
-0.034	-0.059	-0.127	0.376	-0.641	0.899	0.861	0.831	0.938	0.968
-0.096	-0.061	0.225	-0.057	-0.097	0.513	0.754	0.699	0.401	0.368
0.33	-0.047	-0.087	-0.244	-0.053	1.442	1.07	1.263	0.345	0.762
-0.22	-0.272	-0.002	0.062	0	0.491	0.693	0.892	1.271	1.668
0.061	-0.341	0.405	0.524	-0.109	0.609	0.769	1.015	1.087	1.327
-0.24	0.057	-0.14	-0.088	-0.11	0.768	0.725	0.993	1.333	1.217
-0.172	-0.231	-0.252	-0.552	-0.057	0.512	0.704	0.761	0.839	0.98
0.117	-0.091	0.06	0.012	-0.118	0.682	0.703	0.919	0.9	0.824
0.022	-0.055	-0.2	-0.325	-0.25	0.875	0.3	0.263	0.284	1.05
0.128	-0.759	0.422	-0.864	1.171	1.147	0.411	1.312	0.695	1.579
-0.056	-0.154	-0.039	0.076	-0.419	0.532	0.638	0.669	0.919	1.222
0.246	-0.571	0.211	0.098	-0.301	0.564	0.823	1.046	0.867	1.12
0.026	-0.352	-0.398	0.346	-0.151	1	1.014	0.74	1.007	1.5
-0.015	-0.031	-0.237	-0.288	0	0.964	1.147	1.826	0.58	0.311
-0.193	0.091	-0.176	0.029	0.176	1.296	0.903	0.98	1.171	0.815
-0.057	-0.027	-0.034	0.351	-0.158	0.689	0.925	1.069	1.068	0.932
-0.115	-0.2	-0.069	-0.087	0.351	0.806	0.723	0.841	1.097	1.067
-0.237	-0.092	0.11	-0.526	0.137	0.429	0.589	0.748	1.01	0.955
-0.121	-0.331	-0.029	-0.504	-0.085	0.478	0.68	0.619	0.722	0.98
-0.281	0.11	0.014	-0.166	-0.035	0.927	1.202	0.622	1.212	1.322
-0.142	-0.4	0.403	0.256	0	0.635	0.518	0.864	1.203	1.647

-0.018	-0.23	-0.054	0.114	-0.117	1	1.314	1.02	1.079	1.192
-0.326	-0.121	-0.185	0.149	0.164	0.792	0.868	1.152	1.759	1.489
-0.177	-0.013	0.15	0.077	-0.853	0.816	0.852	0.859	1.17	1.026
-0.295	0.032	-0.048	-0.246	0.184	0.809	0.704	0.932	1.232	1.124
-0.109	0.331	-0.071	-0.283	-0.039	0.656	0.809	0.888	0.948	0.713
-0.001	-0.158	-0.515	0.13	0.209	0.891	1.094	0.806	0.98	1.336
0.142	-0.14	0.073	-0.091	-0.156	0.697	0.754	0.94	0.862	0.921
-0.078	-0.169	-0.043	0.104	-0.417	0.534	0.645	0.682	0.974	1.253
-0.078	-0.169	-0.043	0.104	-0.417	0.534	0.645	0.682	0.974	1.253
0.147	-0.004	-0.005	-0.418	0.007	0.938	1.356	1.574	1.081	0.417
-0.001	-0.004	-0.269	0.006	0.001	0.938	1.316	1.476	1.057	0.359
-0.476	0.378	-0.545	0.423	0	1.15	0.585	1.493	1.433	0.498
-0.181	0.032	0.217	-0.269	0.075	0.95	1.365	1.703	0.964	0.676
-0.052	-0.251	-0.283	0.071	-0.246	0.781	0.767	0.781	0.683	1.237
-0.118	-0.188	0.045	0.015	-0.089	1.053	1.328	1.042	1.328	1.096
0.068	-0.07	-0.219	-0.028	-0.389	0.822	0.722	1.014	0.921	0.796
-0.362	-0.278	-1.264	-0.012	0.771	1.055	1.077	0.942	1.041	1.023
-0.334	0.037	-0.279	0.448	-0.42	1.063	0.575	1.317	1.417	0.895
-0.117	-0.256	0.183	0.387	-0.167	0.786	0.739	0.908	0.911	1.469
-0.277	-0.351	-0.2	0.118	0.17	0.784	0.784	0.975	1.691	2.13
0.124	-0.083	0.071	0.033	-0.095	0.678	0.674	1.012	0.904	0.809
-0.316	-0.031	-0.249	-0.071	0.04	0.872	0.546	1.166	1.719	1.533
-0.008	-0.593	0.644	-0.041	-0.21	1.499	0.745	0.793	0.856	1.013
-0.202	-0.283	-0.388	0.41	0.145	0.857	0.877	0.95	1.315	1.612
-0.205	0.032	0.085	0.394	0.714	0.558	0.604	0.654	0.769	1.289
0.39	0.008	-0.27	-0.003	0.007	0.993	1.077	1.153	0.788	1.569
-0.068	-0.16	0.203	-0.088	-0.09	0.697	0.952	0.897	0.994	1.463
-0.144	0.11	-0.004	-0.162	0.59	1.391	0.468	0.447	0.882	1.271
0.314	-0.033	-0.052	-0.214	-0.057	1.444	1.05	1.561	0.321	0.7
0.172	-0.362	-0.007	-0.051	0.128	0.855	0.794	1.17	1.808	1.809
-0.184	-0.32	-0.058	0.101	-0.081	0.751	0.859	1.051	1.779	1.871
-0.179	-0.473	0.805	-0.385	0	0.972	0.879	0.798	1.026	1.758
0.04	-0.286	0.15	-0.12	0.024	0.666	0.761	1.051	1.11	1.366
-0.426	-0.174	0.169	-0.242	-0.267	0.748	0.703	0.772	1.291	1.141
0.089	-0.038	-0.143	0.001	-0.118	0.833	0.87	0.928	0.865	0.854
-0.087	0.003	-0.327	0.072	0.042	0.642	0.796	1	1.187	1.168
-0.095	-0.047	-0.293	-0.219	-0.133	0.954	0.433	0.727	0.674	0.818
-0.043	0.336	-0.255	-0.46	0	1.505	0.409	0.858	1.341	1.305
-0.022	0.094	-0.031	-0.046	0.041	0.454	0.542	0.722	0.69	0.953
0.051	0.087	-0.314	-0.027	0.095	0.758	0.575	0.772	0.853	0.949
-0.208	-0.123	0.029	0.763	-1.076	0.713	0.8	0.746	1.108	1.164
-0.143	0.016	0.142	0.173	-0.112	0.668	0.882	0.93	1.133	0.982
0.15	0.005	-0.184	-0.229	0.415	0.788	0.82	0.93	0.657	0.727
0.017	-0.022	-0.133	-0.282	-0.1	1.37	0.339	0.3	0.328	0.724
-0.075	0.089	0.015	-0.004	-0.026	0.801	0.884	1.012	1.115	0.938
-0.26	-0.138	-0.054	0.084	0.1	0.718	0.575	0.987	1.087	0.74
-0.085	-0.006	0.1	-0.293	0.278	0.493	0.652	0.588	0.615	0.601
0.008	-0.348	0.422	-0.654	0.319	1.15	0.505	1.428	0.911	1.391
0.274	-0.155	-0.227	-0.588	-0.076	1.071	0.908	1.206	1.444	1.568
-0.04	0.339	-0.057	-0.286	-0.166	0.65	0.798	0.939	0.905	0.68

-0.068	-0.206	-0.376	0.432	-0.07	1.213	0.801	0.89	1.186	0.961
-0.143	-0.104	0.535	-0.033	-0.265	0.638	0.544	0.988	1.017	0.624
0.045	0.151	0.002	-0.331	-0.185	0.703	1.002	1.087	0.87	0.64
-0.179	-0.13	0.069	0.048	0.035	1.132	0.813	0.719	0.987	0.778
-0.244	0.08	-0.117	-0.2	0.1	0.865	0.609	0.909	1.166	1.012
-0.322	-0.084	0.005	0.261	0	0.714	0.893	0.937	1.588	1.003
-0.116	-0.17	0.267	0.048	0.122	0.747	0.767	0.892	0.66	0.638
-0.055	-0.446	-0.515	0.5	-0.076	0.847	1.023	0.766	1.024	1.559
0.143	0.095	-1.377	0	0	1.11	0.456	1.33	0.967	1.093
-0.089	-0.051	0.298	-0.085	-0.142	0.521	0.744	0.699	0.411	0.378
-0.012	0.263	-0.3	-0.112	-0.056	0.505	0.764	0.734	0.767	0.971
-0.09	0.072	0.195	-0.2	-0.255	0.674	0.83	0.88	0.688	0.537
0.047	-0.116	0.116	-0.11	0.064	1.006	1.056	1.076	0.945	1.136
-0.082	0.126	0.01	0.005	-0.053	0.794	0.896	1.049	1.142	0.936
0.326	-0.008	-0.101	-0.333	-0.167	1.199	1.092	1.242	0.341	0.565
-0.141	-0.226	0.129	0.189	-0.072	0.546	0.76	0.988	1.092	1.269
-0.258	-0.066	-0.046	-0.082	-0.046	1.094	1.033	1.407	2.16	0.829
-0.26	0.358	-0.262	-0.067	0.376	0.958	0.638	0.519	0.974	0.58
-0.104	-0.354	0.235	-0.161	0.02	0.496	0.637	0.682	0.712	0.859
-0.091	-1.123	0	0	0	0.693	0.554	1.385	1.5	2.768
-0.106	0.243	-0.534	0.242	-0.209	0.787	0.737	0.807	0.892	0.691
-0.216	-0.092	0.081	0.283	-0.873	0.862	0.812	0.745	1.161	1.096
-0.193	0.047	-0.336	0.752	-0.189	0.519	0.674	0.649	0.404	0.404
-0.097	-0.055	-0.279	-0.049	0.126	0.522	0.695	0.831	0.756	0.713
-0.171	0.087	-0.189	-0.353	0.227	0.528	0.714	0.881	0.81	0.729
-0.012	-0.755	-0.76	-0.497	-1.369	0.54	0.757	0.91	1.102	1.238
-0.108	-0.012	0.381	-0.165	-0.258	0.881	0.647	0.794	0.974	0.96
0.095	-0.343	-0.177	0.207	0.207	0.827	0.509	1.018	1.239	1.549
-0.111	0.128	-0.013	0.007	0	0.73	0.843	0.902	1.122	0.877
-0.141	-0.017	0.134	0.237	-0.307	0.694	0.881	0.888	1.105	1.039
-0.092	-0.255	-0.079	-0.137	0.554	0.715	0.584	0.928	1.165	1.24
-0.095	-0.362	0.002	0.378	-0.427	0.737	0.536	0.911	1.036	1.22
-0.059	-0.302	-0.055	-0.195	0.83	0.727	0.606	0.918	1.015	1.165
0.019	-0.023	-0.148	-0.368	-0.211	0.909	0.345	0.294	0.323	0.714
-0.096	0.161	-0.001	0.062	-0.117	1.047	0.744	0.856	1.069	0.86
0.223	-0.047	0.185	-0.153	0.063	1.412	0.75	0.652	0.651	0.942
0.034	-0.162	-0.132	0.115	0.015	0.852	0.742	1.036	1.43	1.347
-0.089	-0.103	-0.043	0.077	0.077	1.5	1.235	0.875	1.077	1.167
0.008	0.003	-0.007	-0.016	-0.801	0.486	0.687	0.628	0.553	0.64
0.018	-0.072	0.244	0.225	-0.057	1.421	1.044	1.386	1.259	0.878
0.123	-0.038	0.154	0.154	0	0.713	1.01	1.454	1.275	0.673
-0.025	-0.116	-0.127	-0.32	-0.526	0.461	0.567	0.754	0.65	1.105
-0.167	-0.013	0.201	-0.243	-0.049	0.497	0.684	0.72	0.826	1.048
0.025	-0.158	-0.082	0.796	-0.633	0.876	0.887	1.062	0.888	0.981
0.051	-0.144	0.036	-0.033	0.012	0.845	0.63	0.791	0.833	1.193
0.132	-0.254	0.129	-0.153	0.093	0.877	0.629	0.77	0.785	1.347
-0.45	0	0	0	0	0.423	0.786	1.1	2.75	0
-0.189	-0.354	-0.254	0.192	0	0.666	0.356	0.807	1.18	1.847
-0.141	-0.135	-0.187	0.067	0.085	0.989	0.797	0.631	1.006	0.953
0.05	-0.136	0.137	-0.127	0.091	0.963	1.056	1.094	0.936	1.172



-0.02	-0.032	-0.209	-0.03	-0.019	1.047	0.876	0.798	0.908	0.919
0.008	0.037	0.017	-0.105	-0.174	0.502	0.723	0.738	0.503	0.557
-0.105	0.156	0.317	-0.141	-0.206	1.147	1.089	0.961	0.848	0.633
-0.141	-0.109	0.104	-0.175	-0.102	0.73	0.777	0.882	1.405	1.431
0	0	0	1	0	1	1.31	0.917	0.917	0.917
-0.131	0.004	0.121	0.243	-0.23	0.669	0.891	0.917	1.102	0.997
-0.252	-0.121	0.107	0.001	-0.287	0.937	0.998	1.224	1.3	0.871
-0.181	0.004	-0.026	0.062	0.056	0.806	0.818	0.947	1.235	1.146
-0.062	0.004	-0.245	0.186	-0.413	1.479	0.705	0.805	0.91	0.945
-0.133	0.311	-0.123	-0.217	-0.07	0.594	0.874	1.344	1.417	0.684
0.195	0.049	-0.223	-0.202	0.052	0.894	0.672	1.137	0.698	1.169
-0.236	0.014	0.131	-0.335	0.184	1.426	1.354	1.446	1.63	0.892
-0.232	0.051	-0.266	0.185	-0.024	0.906	0.621	1.113	1.552	1.201
-0.07	0.221	-0.099	-0.304	-0.545	0.495	0.745	0.775	0.43	0.396
0.1	-0.583	0.157	-0.359	0.133	1.092	0.902	1.325	2.258	1.131
0.057	0.075	-0.146	0.064	0.093	0.876	0.898	0.893	0.879	0.871
-0.174	-0.019	-0.266	0.036	0.152	0.997	1.356	1.821	1.61	1.008
-0.037	0.014	-0.049	-0.185	0.218	1.438	0.968	1.06	1.247	0.842
-0.291	-0.552	-0.254	0.128	0.206	0.838	0.791	0.619	1.581	2.603
-0.022	0.055	-0.228	-0.035	-0.157	0.489	0.666	0.628	0.349	0.327
-0.322	-0.084	0.005	0.261	0	0.714	0.893	0.937	1.588	1.003
-0.305	0.223	0.135	0.054	-0.138	1.136	0.861	0.845	1.231	0.665
0.07	-0.27	-0.364	-0.283	-0.146	0.82	1.036	0.843	1.17	1.541
-0.159	0.071	-0.176	0.005	-0.11	1.01	1.027	0.754	0.455	0.639
-0.226	0.044	0.102	-0.107	-0.099	0.698	0.724	0.75	1.392	1.21
0.077	-0.141	-0.051	0.011	0.028	0.858	0.668	0.802	0.822	1.198
-0.088	-0.326	-0.334	-0.224	0.256	0.635	0.407	0.937	1.077	1.406
-0.242	0.095	0.208	0.058	-0.172	0.852	0.798	0.87	1.39	1.229
-0.1	0.238	-0.005	0.068	-0.216	0.852	0.66	0.756	1.068	1.082
0.147	-0.004	-0.005	-0.418	0.007	0.938	1.356	1.574	1.081	0.417
0.132	-0.172	-0.267	0.206	-0.698	1.192	0.854	1.176	1.846	1.518
-0.037	-0.091	-0.167	-0.259	-0.524	0.459	0.586	0.812	0.704	0.96
0.33	-0.047	-0.087	-0.244	-0.053	1.442	1.07	1.263	0.345	0.762
-0.078	-0.169	-0.043	0.104	-0.417	0.534	0.645	0.682	0.974	1.253
-0.089	-0.28	-0.079	-0.162	0.574	0.697	0.595	0.942	1.144	1.276
-0.382	0.299	-0.198	0.092	-0.078	1.426	1.281	1.209	1.057	0.478
0.238	-0.064	-0.201	0.275	-0.168	1.266	0.911	1.239	1.841	1.675
-0.022	0.055	-0.228	-0.035	-0.157	0.489	0.666	0.628	0.349	0.327
0.095	-0.144	-0.252	0.46	0.175	0.676	0.78	0.931	1.235	1.323
-0.061	-0.094	-0.095	-0.162	-0.326	0.463	0.574	0.502	0.861	1.039
0.234	-0.17	-0.078	-0.145	-0.357	0.851	0.394	1.073	0.828	1.106
-0.031	0.013	-0.018	-0.096	-0.23	1.058	0.961	0.632	0.872	0.361
-0.179	-0.13	0.069	0.048	0.035	1.132	0.813	0.719	0.987	0.778
0.045	0.151	0.002	-0.331	-0.185	0.703	1.002	1.087	0.87	0.64
-0.167	-0.019	-0.155	0.252	0.036	0.477	0.653	0.593	0.621	0.59
0.131	-0.904	0.085	0.059	0	0.534	0.79	1.318	1.13	1.018
-0.116	-0.17	0.267	0.048	0.122	0.747	0.767	0.892	0.66	0.638
-0.012	0.263	-0.3	-0.112	-0.056	0.505	0.764	0.734	0.767	0.971
-0.025	-0.116	-0.127	-0.32	-0.526	0.461	0.567	0.754	0.65	1.105
-0.174	-0.019	-0.266	0.036	0.152	0.997	1.356	1.821	1.61	1.008

0.326	-0.008	-0.101	-0.333	-0.167	1.199	1.092	1.242	0.341	0.565
-0.16	-0.267	0.031	0.332	-0.365	0.51	0.556	0.539	1.05	1.374
0.077	-0.141	-0.051	0.011	0.028	0.858	0.668	0.802	0.822	1.198
-0.474	0.21	-0.132	0.048	-0.004	1.306	1.214	0.8	0.93	0.812
-0.133	0.311	-0.123	-0.217	-0.07	0.594	0.874	1.344	1.417	0.684
0.274	-0.155	-0.227	-0.588	-0.076	1.071	0.908	1.206	1.444	1.568
-0.078	-0.169	-0.043	0.104	-0.417	0.534	0.645	0.682	0.974	1.253
-0.075	0.089	0.015	-0.004	-0.026	0.801	0.884	1.012	1.115	0.938
0.17	-0.138	-0.101	0.272	0.129	0.742	0.76	0.907	0.999	1.303
0.05	-0.136	0.137	-0.127	0.091	0.963	1.056	1.094	0.936	1.172
0.057	0.075	-0.146	0.064	0.093	0.876	0.898	0.893	0.879	0.871
-0.055	-0.446	-0.515	0.5	-0.076	0.847	1.023	0.766	1.024	1.559
0.1	-0.583	0.157	-0.359	0.133	1.092	0.902	1.325	2.258	1.131
-0.397	0.191	0.08	-0.306	0.189	0.854	0.74	0.979	1.403	0.899
-0.026	-0.023	-0.185	0.033	-0.041	1.047	0.876	0.825	0.914	0.929
0.218	-0.147	-0.275	0.284	0.13	0.694	0.755	0.902	0.979	1.295
0.134	-0.119	-0.122	0.238	0.029	0.768	0.816	0.861	1.028	1.285
-0.181	0.004	-0.026	0.062	0.056	0.806	0.818	0.947	1.235	1.146
-0.136	0.101	0.15	0.046	-0.318	0.881	0.647	0.794	0.993	0.9
-0.389	0.29	-0.147	-0.105	0.163	1.441	1.28	1.236	1.066	0.477
-0.171	0.087	-0.189	-0.353	0.227	0.528	0.714	0.881	0.81	0.729
0.134	-0.097	-0.234	0.321	0.117	0.768	0.779	0.875	1.028	1.273

GATS6m	GATS7m	GATS8m	GATS1v	GATS2v	GATS3v	GATS4v	GATS5v	GATS6v	GATS7v
0.808	1.039	1.209	0.692	0.803	0.805	0.887	1.192	0.83	1.043
1.375	0.931	0.707	0.866	1.071	0.991	1.053	1.062	1.36	0.958
2.073	2.747	1.416	0.898	0.98	0.882	1.013	1.159	0.832	1.182
1.638	1.025	0.61	0.889	1.188	0.913	0.923	1.424	1.632	1.119
0.878	0.6	1.05	0.968	0.86	1.126	0.95	1.374	0.759	1.107
1.826	3.316	1.5	1.37	0.339	0.3	0.328	0.724	1.826	3.316
1.498	2.314	4.901	0.64	0.686	0.716	1.003	1.189	1.427	2.136
0.519	0.677	0.664	0.849	0.633	0.931	1.093	1.201	0.557	0.809
0.333	0.42	0.2	1	1.263	1.838	1.154	0.95	0.468	0.591
0.971	0.512	0	0.72	0.972	1.511	1.547	1.411	1.065	0.548
1.899	2.527	3.213	0.663	0.714	0.604	0.973	1.295	1.258	2.178
1.029	1.685	1.129	0.996	0.568	1.143	0.789	1.254	0.97	1.619
1.529	1.134	0.48	0.79	0.852	0.89	0.766	1.117	1.499	0.952
1.07	1.196	1.38	1.096	1.29	1.345	1.443	1.562	0.65	0.468
1.645	1.525	1.276	1.444	1.05	1.249	0.51	0.722	0.856	1.575
1.467	1.404	1.51	0.458	0.626	0.754	1.02	0.894	0.939	1.961
1.574	0	0	1.103	0.552	1.298	0.985	1.697	0.552	0
1.044	2.026	3.329	1.28	1.08	1.137	1.295	0.72	0.832	0.579
1.055	1.121	0.905	0.794	0.781	0.876	1.298	1.137	1.045	1.135
0.95	0.477	0.783	0.801	0.707	0.814	1.211	1.138	1.033	0.518
1.113	2.517	7.378	0.924	0.825	0.722	0.912	0.888	0.77	2.378
2.21	2.11	2.563	0.834	0.699	0.842	1.114	1.146	1.022	1.622
0.825	0.72	1.2	0.92	0.771	0.963	1.237	0.972	0.835	0.725
0.762	0.692	1.563	1.09	0.865	1.218	1.085	0.758	0.881	0.871
1.544	1.303	0.708	0.935	1.13	1.776	1.51	0.978	0.474	0.4
1.392	0.941	0.541	0.905	0.814	0.978	0.842	1.198	1.207	0.856
0.915	1.372	1.51	0.81	0.873	0.977	0.865	0.637	0.946	1.183
1.289	0.872	1.488	1.212	0.766	1.003	0.761	0.896	1.307	0.784
1.406	1.534	2.499	0.93	0.858	0.836	0.955	0.97	1.362	1.49
0.682	1.869	2.501	1.004	0.838	0.242	0.838	0.721	0.336	0.931
0.961	1.745	0.789	1.442	1.07	1.263	0.345	0.762	0.961	1.745
1.176	0	0	0.641	0.809	1.028	1.362	1.153	0.874	0
0.761	0.373	0.958	0.634	0.771	1.001	1.098	1.365	0.806	0.334
1.332	1.213	1.113	0.818	0.732	0.983	1.342	1.216	1.339	1.194
1.701	1.82	1.935	0.68	0.615	0.579	1.128	1.206	1.388	1.753
0.854	0.791	0.888	0.682	0.703	0.919	0.9	0.824	0.854	0.791
2.5	3.75	3	0.875	0.3	0.262	0.284	1.05	2.5	3.75
0.674	1.545	0.307	1.152	0.339	1.305	0.711	1.631	0.662	1.653
1.003	1.227	1.679	0.532	0.638	0.669	0.919	1.222	1.003	1.227
1.237	0.723	0.653	1.048	0.887	1.076	1.04	1.544	0.905	0.867
1.497	0.432	0.936	1.015	1.04	0.72	0.952	1.473	1.507	0.495
0.621	0.699	0	0.929	1.124	1.623	0.586	0.439	0.877	0.987
1.118	0.466	0	1.296	0.903	0.98	1.171	0.815	1.118	0.466
1.291	0.362	1.185	0.722	0.941	1.072	1.07	0.929	1.28	0.319
0.99	1.134	0.981	0.802	0.755	0.856	1.068	1.077	1.021	1.098
1.035	2.077	2.093	0.463	0.644	0.791	1.041	0.95	1	1.958
1.945	2.374	3.253	0.725	0.714	0.719	1.134	1.176	1.123	1.831
1.169	0.488	1.044	1.235	1.089	1.132	1.294	0.655	0.759	0.745
1.189	0	0	0.686	0.518	0.913	1.178	1.61	1.133	0

1.248	0.679	0.72	1.015	1.33	0.99	1.024	1.174	1.256	0.696
1.237	0.684	0.619	0.83	0.888	1.125	1.71	1.422	1.212	0.665
1.292	1.178	2.042	0.844	0.86	0.854	1.173	1.027	1.262	1.109
1.128	1.202	0.883	0.846	0.728	0.897	1.265	1.144	1.111	1.216
0.696	1.107	0.993	0.761	0.885	0.989	1.113	0.65	0.807	1.142
1.633	0.777	0.494	0.931	1.124	0.804	0.926	1.26	1.629	0.84
0.881	0.965	0.954	0.697	0.754	0.94	0.862	0.921	0.881	0.965
1.032	1.161	1.639	0.534	0.645	0.682	0.974	1.253	1.032	1.161
1.032	1.161	1.639	0.534	0.645	0.682	0.974	1.253	1.032	1.161
0.496	0.501	1.687	1.375	1.035	1.265	0.394	0.801	0.954	1.633
0.713	1.265	0	1.375	1.16	1.04	1.057	0.691	1.084	0.664
1.246	0	0	1.253	0.549	1.406	1.433	0.467	1.357	0
0.746	0.475	0.798	0.994	0.8	0.478	0.987	0.665	0.308	1.069
1.256	1.255	1.561	0.799	0.753	0.786	0.699	1.275	1.322	1.243
0.787	0.81	0.746	1.058	1.315	1.009	1.284	1.102	0.82	0.821
1.178	1.362	1.518	0.807	0.729	0.996	0.867	0.79	1.175	1.403
1.257	0.546	0.422	0.826	0.309	0.772	1.341	1.55	2.064	1.437
1.262	0.531	1.276	1.15	0.557	1.266	1.395	0.879	1.252	0.494
0.616	0.308	1.246	0.877	0.796	0.939	0.92	1.427	0.623	0.322
1.131	0.096	0	0.874	0.86	1.01	1.601	1.959	1.17	0.128
0.822	0.726	0.838	0.678	0.674	1.012	0.904	0.809	0.822	0.726
1.609	0.838	0.208	0.938	0.572	1.146	1.689	1.447	1.534	0.827
0.906	0.617	1.124	1.017	0.701	1.025	1.06	1.495	0.581	0.975
1.556	0.366	0.549	0.901	0.896	0.975	1.3	1.547	1.528	0.386
2.749	3.991	7.982	0.757	0.639	1.21	1.429	0.738	1.078	0.055
0.387	1.227	1.023	0.652	0.485	0.818	0.439	0.791	0.75	1.084
0.898	1.036	1.42	0.78	1.044	0.846	0.97	1.469	0.924	1.041
1.548	1.052	2.762	1.337	1.011	0.719	1.026	0.936	0.999	1.088
0.797	1.65	0.825	1.444	1.05	1.561	0.321	0.7	0.797	1.65
1.149	0.509	0.285	0.906	0.845	1.139	1.612	1.708	1.11	0.592
1.299	0.636	0.708	0.803	0.909	1.024	1.702	1.817	1.255	0.634
0.615	1.538	0	0.972	0.879	0.798	1.026	1.758	0.615	1.538
1.236	0.908	0.512	0.666	0.761	1.051	1.11	1.366	1.236	0.908
0.916	1.279	1.303	0.792	0.729	0.764	1.347	1.154	0.884	1.242
1.047	1.019	1.348	0.898	0.938	0.977	0.823	0.849	1.054	1.052
0.984	0.952	0.625	0.996	0.738	0.868	1.124	0.92	1.138	0.828
1.154	1.275	1.537	1.015	0.461	0.747	0.737	0.84	1.192	1.275
1.205	0.212	0	0.824	0.772	0.996	0.974	1.027	1.699	1.969
0.8	0.337	0.367	0.793	0.719	0.963	1.15	1.044	1.072	0.987
1.286	1.117	1.432	0.851	0.634	0.808	0.843	0.956	1.341	1.087
1.77	1.561	3.749	0.748	0.809	0.751	1.115	1.161	1.714	1.375
1.183	0.616	0.96	0.697	0.898	0.94	1.145	0.98	1.154	0.579
0.953	1.242	0.641	0.905	0.858	0.992	0.715	0.838	0.968	1.133
1.826	3.316	1.5	1.37	0.339	0.3	0.328	0.724	1.826	3.316
0.97	0.991	1.039	0.802	0.887	1.009	1.104	0.934	0.971	0.996
0.7	0.91	0.955	0.79	0.669	1.007	1.122	0.87	0.792	0.87
1.098	1.951	2.405	0.898	0.419	0.815	0.895	0.514	0.524	1.435
0.527	1.646	0	1.267	0.471	1.376	0.897	1.364	0.492	1.751
1.879	2.487	0.124	0.802	0.95	0.754	0.804	1.06	0.873	1.277
0.691	1.147	1.096	0.771	0.883	1.083	1.083	0.586	0.819	1.199

1.202	0.844	1.057	1.215	0.766	0.924	1.128	0.991	1.239	0.768
0.135	0.594	1.375	0.724	0.657	1.096	1.058	0.764	0.157	0.614
1.01	1.168	1.527	1.379	1.018	1.246	0.557	0.765	0.875	1.456
0.939	0.855	0.724	1.14	0.808	0.734	1.023	0.841	0.952	0.874
1.167	1.22	0.99	0.908	0.633	0.879	1.201	1.031	1.149	1.217
0.891	0	0	0.782	1.015	0.937	1.48	0.912	0.763	0
0.317	0.698	1.274	0.949	0.831	1.072	0.902	0.885	0.376	0.673
1.633	0.494	0.706	0.865	1.021	0.745	0.991	1.535	1.629	0.509
3.496	0	0	1.289	0.451	1.309	0.932	0.972	3.072	0
0.684	1.818	2.379	0.914	0.74	0.187	0.76	0.662	0.276	0.968
0.986	0.674	1.495	1.233	1.351	1.046	0.901	0.529	1.158	1.192
0.915	1.372	1.51	0.81	0.873	0.977	0.865	0.637	0.946	1.183
0.815	1.084	0.981	1.018	1.057	1.072	0.936	1.131	0.815	1.084
0.983	0.984	1.049	0.795	0.898	1.044	1.129	0.931	0.983	0.989
1.005	2.111	1.319	1.199	1.092	1.242	0.341	0.565	1.005	2.111
1.035	0.913	1.002	0.553	0.721	0.865	1.05	1.266	1.005	0.962
0.363	0.444	0.363	1.14	0.975	1.241	1.998	0.833	0.511	0.624
0.958	0.862	0.798	1.087	0.708	0.641	1.072	0.582	1.087	0.909
0.886	1.087	1.152	0.981	0.58	1.14	1.109	1.478	0.652	1.059
0	0	0	0.736	0.54	1.38	1.494	2.645	0	0
1.932	1.233	1.263	0.951	0.774	0.889	0.987	0.704	1.789	1.097
1.506	1.096	2.438	0.892	0.821	0.75	1.165	1.094	1.458	1.006
0.636	0.889	2.439	0.776	0.617	0.804	1.123	1.061	1.24	0.585
1.021	1.114	0.868	1.088	0.983	0.936	1.223	1.138	1.222	0.973
1.055	1.204	1.049	1.126	1.053	0.843	1.314	0.955	1.138	1.371
1.449	1.664	1.897	0.77	0.545	0.698	1.091	1.636	1.587	1.309
0.729	1.066	1.073	0.974	0.705	0.833	0.981	0.981	0.697	1.113
1.129	0	0	0.846	0.556	1.036	1.186	1.54	1.106	0
0.809	0.829	0.938	0.784	0.883	0.883	1.118	0.892	0.842	0.847
1.266	0.69	1.447	0.724	0.897	0.89	1.109	1.038	1.236	0.64
1.247	1.393	0.845	0.734	0.625	0.932	1.131	1.232	1.255	1.352
1.186	1.061	1.51	0.735	0.578	0.932	1.012	1.239	1.158	1.046
1.045	1.335	0.79	0.725	0.646	0.931	0.984	1.174	1.07	1.294
1.905	4	2.5	0.909	0.345	0.294	0.323	0.714	1.905	4
0.949	0.975	1.106	1.065	0.772	0.87	1.078	0.872	0.948	0.954
1.353	1.04	0.943	0.847	0.689	0.947	0.549	0.768	0.692	1.16
1.165	0.676	0.788	0.881	0.774	1.012	1.381	1.33	1.139	0.699
0.778	0	0	1.5	1.235	0.875	1.077	1.167	0.778	0
1.331	2.128	2.857	0.909	0.645	0.882	1.034	0.8	1	1.333
0.418	0.582	1.278	0.81	0.706	1.292	1.222	1	0.397	0.454
0	0	0	0.713	1.01	1.454	1.275	0.673	0	0
1.163	2.126	3.158	0.461	0.567	0.754	0.65	1.105	1.163	2.126
1.16	0.555	0.678	1.066	0.782	1.037	1.143	0.99	0.772	1.267
0.78	0.787	2.86	0.922	0.863	1.05	0.913	1.016	0.798	0.71
1.021	1.046	0.936	0.886	0.665	0.823	0.828	1.192	1.011	1.031
0.937	1.134	0.779	0.92	0.672	0.81	0.776	1.345	0.914	1.126
0	0	0	0.423	0.786	1.1	2.75	0	0	0
1.511	0	0	0.726	0.373	0.88	1.16	1.751	1.433	0
1.203	1.155	1.314	0.998	0.803	0.641	1.015	0.959	1.186	1.139
0.781	1.115	0.951	0.976	1.056	1.09	0.927	1.166	0.781	1.115

1.129	1.056	1.114	1.047	0.876	0.798	0.908	0.919	1.129	1.056
1.399	1.201	0.596	0.629	0.887	1.044	0.936	0.845	1.075	0.974
0.601	1.095	1.243	1.179	1.103	1.011	0.93	0.671	0.641	1.117
1.02	1.208	1.34	0.808	0.828	0.879	1.351	1.428	1.003	1.181
0.917	0	0	1	1.31	0.917	0.917	0.917	0.917	0
1.253	0.523	1.268	0.698	0.907	0.926	1.105	0.995	1.223	0.484
1.211	1.715	1.451	0.702	0.777	0.909	1.585	1.238	1	1.241
1.119	1.057	0.961	0.811	0.82	0.953	1.232	1.144	1.115	1.056
1.42	0.666	0.814	1.043	0.54	0.84	1.006	0.986	1.266	1.23
1.004	1.579	0.753	0.647	0.886	1.307	1.378	0.677	1.092	1.658
1.313	1.394	0.547	1.001	0.719	1.164	0.735	1.154	1.272	1.29
0.716	1.088	0.992	0.952	0.691	1.068	1.343	1.108	0.897	1.242
0.988	0.608	1.057	1.022	0.644	1.098	1.488	1.07	1.074	0.693
0.816	1.602	3.386	1.257	0.774	0.805	1.093	1.006	1.467	0.888
1.639	0.757	0.035	1.262	0.496	1.324	0.757	1.23	0.902	1.28
1.046	1.004	0.927	0.876	0.898	0.893	0.879	0.871	1.046	1.004
0.515	1.027	0.142	0.967	0.765	0.75	1.185	1.026	1.197	0.924
0.87	1.334	0.554	0.845	0.79	1.01	1.188	1.149	1.024	0.999
1.055	0.122	0	0.937	0.854	0.634	1.5	2.399	1.152	0.162
0.826	0.758	0.45	0.784	0.719	1.219	1.186	1.065	1.231	0.719
0.891	0	0	0.782	1.015	0.937	1.48	0.912	0.763	0
0.649	0.833	1.203	1.188	0.864	0.902	1.26	0.66	0.699	0.87
1.718	1.256	0.684	0.839	1.053	0.804	1.086	1.493	1.71	1.322
0.492	0.549	0.728	0.863	0.622	1.102	1.395	1.123	1.367	1.151
1.129	1.244	1.18	0.759	0.774	0.743	1.372	1.217	1.107	1.21
1.068	1.005	0.893	0.9	0.705	0.834	0.815	1.196	1.057	0.99
1.603	1.479	0	0.686	0.402	0.946	1.118	1.394	1.524	1.348
0.902	0.885	1.068	0.901	0.848	0.875	1.358	1.168	0.911	0.889
1.308	1.07	1.353	0.901	0.722	0.814	1.079	1.035	1.302	1.007
0.496	0.501	1.687	1.375	1.035	1.265	0.394	0.801	0.954	1.633
0.749	0.675	0.698	0.832	0.76	0.507	0.767	1.168	1.426	0.73
1.319	1.759	3.016	0.459	0.586	0.812	0.704	0.96	1.319	1.759
0.961	1.745	0.789	1.442	1.07	1.263	0.345	0.762	0.961	1.745
1.032	1.161	1.639	0.534	0.645	0.682	0.974	1.253	1.032	1.161
1.229	1.42	0.889	0.706	0.638	0.947	1.112	1.269	1.24	1.379
0.973	1.132	0.79	0.906	0.649	1.114	1.523	0.93	1.107	0.91
1.331	0.59	0.119	1.05	0.952	1.036	0.799	1.192	1.256	0.742
0.826	0.758	0.45	0.784	0.719	1.219	1.186	1.065	1.231	0.719
1.459	0.688	0.333	0.81	0.854	0.905	1.017	1.23	1.345	0.685
1.048	1.417	2.317	0.463	0.574	0.502	0.861	1.039	1.048	1.417
1.008	1.074	1.127	0.898	0.396	1.116	0.79	1.108	0.99	1.089
0.641	1.442	2.633	1.101	0.905	0.544	0.821	0.386	0.644	1.345
0.939	0.855	0.724	1.14	0.808	0.734	1.023	0.841	0.952	0.874
1.01	1.168	1.527	1.379	1.018	1.246	0.557	0.765	0.875	1.456
1.044	2.026	3.329	1.28	1.08	1.137	1.295	0.72	0.832	0.579
1.574	0	0	1.103	0.552	1.298	0.985	1.697	0.552	0
0.317	0.698	1.274	0.949	0.831	1.072	0.902	0.885	0.376	0.673
0.986	0.674	1.495	1.233	1.351	1.046	0.901	0.529	1.158	1.192
1.163	2.126	3.158	0.461	0.567	0.754	0.65	1.105	1.163	2.126
0.515	1.027	0.142	0.967	0.765	0.75	1.185	1.026	1.197	0.924

1.005	2.111	1.319	1.199	1.092	1.242	0.341	0.565	1.005	2.111
1.02	1.02	1.667	0.51	0.556	0.539	1.05	1.374	1.02	1.02
1.068	1.005	0.893	0.9	0.705	0.834	0.815	1.196	1.057	0.99
0.849	1.201	1.205	0.894	0.634	1.155	1.585	0.763	1.139	0.791
1.004	1.579	0.753	0.647	0.886	1.307	1.378	0.677	1.092	1.658
1.879	2.487	0.124	0.802	0.95	0.754	0.804	1.06	0.873	1.277
1.032	1.161	1.639	0.534	0.645	0.682	0.974	1.253	1.032	1.161
0.97	0.991	1.039	0.802	0.887	1.009	1.104	0.934	0.971	0.996
1.392	0.941	0.541	0.905	0.814	0.978	0.842	1.198	1.207	0.856
0.781	1.115	0.951	0.976	1.056	1.09	0.927	1.166	0.781	1.115
1.046	1.004	0.927	0.876	0.898	0.893	0.879	0.871	1.046	1.004
1.633	0.494	0.706	0.865	1.021	0.745	0.991	1.535	1.629	0.509
1.639	0.757	0.035	1.262	0.496	1.324	0.757	1.23	0.902	1.28
0.985	1.24	0.848	0.952	0.776	0.937	1.443	0.913	0.938	1.272
1.142	1.01	1.142	1.047	0.876	0.825	0.914	0.929	1.142	1.01
1.498	0.935	0.537	0.829	0.822	0.907	0.802	1.211	1.387	0.865
1.339	0.963	0.539	0.914	0.896	0.865	0.918	1.176	1.149	0.983
1.119	1.057	0.961	0.811	0.82	0.953	1.232	1.144	1.115	1.056
0.859	0.951	1.094	0.974	0.705	0.833	1.008	0.89	0.884	0.944
0.99	0.97	0.789	0.885	0.768	1.002	1.424	0.829	1.068	1.089
1.055	1.204	1.049	1.126	1.053	0.843	1.314	0.955	1.138	1.371
1.385	1.04	0.472	0.914	0.859	0.88	0.918	1.154	1.318	0.904

GATS8v	GATS1e	GATS2e	GATS3e	GATS4e	GATS5e	GATS6e	GATS7e	GATS8e	GATS1p
1.124	0.63	0.722	0.831	0.892	1.164	0.806	1.038	1.217	0.722
0.705	0.828	1.044	0.992	1.074	1.113	1.376	0.929	0.707	0.882
1.203	0.773	0.909	0.818	0.913	0.805	1.524	1.474	1.425	0.799
0.686	0.867	1.166	0.961	1.006	1.473	1.638	1.016	0.603	0.899
0.915	0.76	0.872	1.155	1.007	1.207	0.848	1.187	0.877	1.431
1.5	1.37	0.339	0.3	0.328	0.724	1.826	3.316	1.5	1.37
4.643	0.582	0.664	0.704	0.979	1.181	1.505	2.331	4.924	0.669
0.678	0.78	0.59	0.931	1.022	1.15	0.532	0.736	0.639	0.854
0.281	0.994	1.36	2.001	1.276	0.908	0.319	0.403	0.192	1.002
0	0.636	0.967	1.598	1.674	1.403	0.961	0.508	0	0.758
1.896	0.763	0.808	0.688	1.205	1.033	1.125	1.622	2.513	0.594
1.083	0.874	0.533	1.144	0.826	1.275	1.036	1.692	1.134	1.044
0.647	0.691	0.773	0.894	0.858	1.148	1.531	1.024	0.589	0.823
0.54	0.89	1.149	1.249	1.269	1.305	0.473	0.67	0.773	0.998
1.083	0.924	0.883	0.925	0.387	0.971	1.409	1.642	0.821	1.208
2.282	0.475	0.645	0.813	0.997	1.01	1.076	1.808	1.63	0.451
0	0.882	0.863	1.209	1.315	0.507	1.496	0	0	0.82
0.951	1.006	0.971	0.976	0.923	0.565	0.83	1.339	2.2	1.125
0.909	0.747	0.76	0.919	1.266	1.104	1.056	1.119	0.904	0.815
0.739	0.774	0.72	0.808	1.149	1.079	0.942	0.473	0.787	0.813
1.925	0.684	0.76	0.665	0.767	0.747	1.035	2.19	5.495	0.797
1.554	0.705	0.704	0.793	1.018	0.904	1.6	1.502	2.254	0.788
1.214	0.888	0.752	0.954	1.231	0.973	0.824	0.72	1.199	0.936
1.571	1.042	0.922	1.321	1.169	0.754	0.75	0.676	1.562	1.111
0.606	0.976	1.274	1.76	1.739	0.853	0.377	0.318	0.446	0.873
0.718	0.779	0.757	0.935	0.916	1.248	1.312	0.892	0.663	0.945
1.328	0.736	0.883	0.962	0.81	0.593	0.915	1.236	1.368	0.815
1.482	1.135	0.754	0.939	0.708	0.928	1.287	0.882	1.487	1.242
2.411	0.896	0.862	0.83	0.936	0.968	1.41	1.538	2.507	0.947
1.296	0.88	0.805	0.331	0.716	0.632	0.31	1.18	1.693	0.959
0.789	1.442	1.07	1.263	0.345	0.762	0.961	1.745	0.789	1.442
0	0.602	0.805	1.059	1.301	1.13	1.134	0	0	0.602
0.926	0.607	0.769	1.016	1.086	1.323	0.758	0.378	0.961	0.646
1.093	0.763	0.725	0.994	1.332	1.217	1.331	1.215	1.115	0.843
1.463	0.667	0.717	0.707	1.073	1.14	1.513	1.193	1.984	0.613
0.888	0.682	0.703	0.919	0.9	0.824	0.854	0.791	0.888	0.682
3	0.875	0.3	0.263	0.284	1.05	2.5	3.75	3	0.875
0.167	1.146	0.419	1.312	0.693	1.573	0.676	1.534	0.324	1.15
1.679	0.532	0.638	0.669	0.919	1.222	1.003	1.227	1.679	0.532
0.998	0.983	0.928	1.115	1.123	0.94	1.148	0.936	0.778	0.97
0.942	0.999	1.012	0.742	1.012	1.502	1.496	0.427	0.935	1.021
0	0.967	1.149	1.847	0.58	0.298	0.596	0.671	0	0.91
0	1.296	0.903	0.98	1.171	0.815	1.118	0.466	0	1.296
1.142	0.686	0.924	1.068	1.068	0.932	1.291	0.367	1.189	0.74
0.968	0.807	0.72	0.839	1.1	1.065	0.987	1.138	0.982	0.802
1.97	0.427	0.584	0.744	1.007	0.955	1.04	2.088	2.104	0.484
1.981	0.649	0.721	0.692	1.07	0.931	1.592	1.701	2.881	0.681
1.127	1.324	1.051	1.204	1.118	0.737	0.839	0.545	1.217	0.994
0	0.63	0.519	0.859	1.205	1.65	1.195	0	0	0.711



0.773	0.999	1.313	1.023	1.084	1.194	1.247	0.678	0.715	1.021
0.633	0.788	0.866	1.155	1.763	1.495	1.239	0.687	0.618	0.85
2.21	0.814	0.852	0.86	1.17	1.026	1.295	1.185	2.026	0.859
0.886	0.805	0.703	0.936	1.229	1.122	1.13	1.2	0.883	0.865
0.885	0.686	0.833	0.938	1.042	0.711	0.728	1.091	0.92	0.784
0.509	0.887	1.091	0.807	0.985	1.343	1.632	0.77	0.493	0.95
0.954	0.697	0.754	0.94	0.862	0.921	0.881	0.965	0.954	0.697
1.639	0.534	0.645	0.682	0.974	1.253	1.032	1.161	1.639	0.534
1.639	0.534	0.645	0.682	0.974	1.253	1.032	1.161	1.639	0.534
0.886	1.451	1.139	1.146	0.474	0.836	0.996	1.243	1.012	1.038
0	1.451	1.262	0.927	1.14	0.721	0.856	0.759	0	1.038
0	1.139	0.59	1.501	1.433	0.501	1.234	0	0	1.302
1.201	0.961	0.771	0.351	0.846	0.654	0.291	0.957	1.291	0.92
1.479	0.779	0.769	0.78	0.682	1.233	1.249	1.257	1.568	0.808
0.776	1.052	1.329	1.046	1.332	1.096	0.784	0.809	0.743	1.061
1.645	0.823	0.721	1.015	0.927	0.796	1.178	1.358	1.505	0.799
0.592	0.818	0.201	0.747	1.323	1.692	1.737	1.835	1.23	0.745
1.38	1.055	0.578	1.322	1.418	0.896	1.262	0.535	1.266	1.192
1.18	0.776	0.733	0.904	0.909	1.473	0.615	0.308	1.252	0.918
0	0.774	0.776	0.971	1.7	2.147	1.127	0.093	0	0.915
0.838	0.678	0.674	1.012	0.904	0.809	0.822	0.726	0.838	0.678
0.293	0.865	0.544	1.169	1.722	1.542	1.616	0.839	0.199	0.97
0.993	0.749	0.729	1.089	1.086	1.326	0.683	1.035	0.956	1.571
0.553	0.853	0.875	0.948	1.316	1.618	1.559	0.364	0.549	0.922
0.11	0.747	0.541	1.307	1.352	0.791	1.166	0.108	0.216	0.613
0.437	0.653	0.494	0.865	0.526	0.868	0.54	0.997	0.512	0.761
1.283	0.689	0.942	0.902	0.997	1.462	0.896	1.036	1.433	0.821
0.658	1.161	1.104	0.763	0.988	0.962	0.987	1.045	0.708	1.724
0.825	1.444	1.05	1.561	0.321	0.7	0.797	1.65	0.825	1.444
0.403	0.85	0.788	1.173	1.829	1.819	1.153	0.501	0.274	0.93
0.757	0.746	0.855	1.053	1.786	1.875	1.304	0.636	0.703	0.832
0	0.972	0.879	0.798	1.026	1.758	0.615	1.538	0	0.972
0.512	0.666	0.761	1.051	1.11	1.366	1.236	0.908	0.512	0.666
1.275	0.744	0.7	0.773	1.285	1.139	0.919	1.282	1.306	0.813
1.275	0.826	0.862	0.922	0.87	0.854	1.046	1.016	1.356	0.922
0.81	0.79	0.751	0.922	1.081	0.998	0.908	0.98	0.542	1.01
1.442	0.947	0.431	0.724	0.667	0.815	1.15	1.275	1.547	1.042
0	0.535	0.852	0.985	0.944	1.159	1.858	2.141	0	1.504
0.934	0.805	0.687	1.083	1.296	1.095	1.186	1.14	1.082	0.747
1.297	0.748	0.569	0.768	0.854	0.949	1.28	1.12	1.446	0.895
3.617	0.709	0.799	0.746	1.107	1.164	1.776	1.581	3.76	0.767
0.934	0.665	0.88	0.93	1.132	0.982	1.186	0.619	0.962	0.713
0.634	0.857	0.844	0.97	0.705	0.78	0.933	1.157	0.654	0.902
1.5	1.37	0.339	0.3	0.328	0.724	1.826	3.316	1.5	1.37
1.041	0.801	0.884	1.012	1.116	0.938	0.97	0.991	1.038	0.802
1.014	0.765	0.615	0.996	1.107	0.807	0.75	0.896	0.968	0.782
1.67	0.807	0.479	0.79	0.848	0.515	0.665	1.433	2.091	0.854
0	1.139	0.509	1.433	0.912	1.393	0.532	1.635	0	1.324
1.034	0.793	1.03	0.614	0.899	1.08	0.715	0.911	1.104	0.789
1.013	0.688	0.827	1.01	1.003	0.663	0.731	1.145	1.04	0.794

1.11	1.213	0.803	0.886	1.191	0.958	1.197	0.855	1.053	1.211
1.251	0.677	0.61	1.056	1.052	0.689	0.106	0.584	1.309	0.724
1.164	0.961	0.931	0.923	0.47	0.954	1.249	1.504	0.968	0.999
0.746	1.131	0.813	0.718	0.983	0.772	0.938	0.854	0.722	1.144
0.985	0.86	0.608	0.912	1.162	1.011	1.169	1.22	0.99	0.929
0	0.707	0.881	0.937	1.599	1.012	0.904	0	0	0.812
1.095	0.824	0.786	0.941	0.723	0.702	0.335	0.664	1.193	0.968
0.737	0.845	1.023	0.768	1.028	1.561	1.632	0.493	0.703	0.874
0	1.091	0.458	1.331	0.971	1.105	3.536	0	0	1.369
1.302	0.831	0.727	0.264	0.677	0.602	0.275	1.164	1.608	0.884
1.081	0.934	1.139	0.96	0.668	0.815	0.859	1.005	1.396	1.073
1.328	0.736	0.883	0.962	0.81	0.593	0.915	1.236	1.368	0.815
0.98	1.004	1.056	1.076	0.946	1.137	0.815	1.084	0.981	1.025
1.052	0.794	0.896	1.049	1.143	0.936	0.983	0.983	1.049	0.795
1.319	1.199	1.092	1.242	0.341	0.565	1.005	2.111	1.319	1.199
1.201	0.552	0.735	0.907	1.066	1.269	1.011	0.943	1.129	0.553
0.511	1.089	1.039	1.424	2.175	0.828	0.348	0.426	0.348	1.163
0.697	0.944	0.631	0.507	0.964	0.581	0.944	0.857	0.81	1.144
0.864	0.838	0.576	1.1	1.085	1.394	0.493	1.103	1.009	0.955
0	0.689	0.556	1.385	1.5	2.779	0	0	0	0.757
1.186	0.839	0.736	0.848	0.95	0.698	1.894	1.195	1.266	0.98
2.614	0.86	0.811	0.745	1.161	1.097	1.511	1.105	2.422	0.908
1.455	0.751	0.634	0.796	1.056	1.061	1.034	0.693	1.762	0.745
0.735	1.005	1	1.029	1.109	1.127	1.048	0.931	0.789	1.012
0.753	1.024	1.069	0.987	1.154	0.974	1.038	1.246	0.948	1.036
2.182	0.821	0.86	1.056	1.24	0.947	0.999	1.259	0.87	0.608
1.109	0.871	0.641	0.79	0.972	0.958	0.732	1.06	1.069	1.016
0	0.825	0.504	1.017	1.245	1.55	1.131	0	0	0.856
0.911	0.725	0.839	0.903	1.123	0.876	0.806	0.828	0.941	0.811
1.408	0.691	0.879	0.888	1.104	1.039	1.269	0.695	1.45	0.741
0.868	0.713	0.58	0.927	1.168	1.24	1.246	1.397	0.843	0.746
1.466	0.738	0.532	0.908	1.039	1.218	1.189	1.063	1.514	0.737
0.773	0.728	0.602	0.917	1.018	1.164	1.043	1.339	0.792	0.726
2.5	0.909	0.345	0.294	0.323	0.714	1.905	4	2.5	0.909
1.104	1.046	0.741	0.855	1.068	0.859	0.95	0.977	1.106	1.074
1.026	0.657	0.721	0.853	0.522	0.715	0.709	1.205	1.146	1.284
0.796	0.849	0.739	1.038	1.435	1.348	1.168	0.674	0.788	0.897
0	1.5	1.235	0.875	1.077	1.167	0.778	0	0	1.5
2.222	0.582	0.715	0.702	0.662	0.699	1.344	2.104	2.357	0.672
1.11	0.593	0.7	1.261	1.254	1.015	0.416	0.506	1.192	1.321
0	0.713	1.01	1.454	1.275	0.673	0	0	0	0.713
3.158	0.461	0.567	0.754	0.65	1.105	1.163	2.126	3.158	0.461
1.125	0.905	0.751	1.071	1.061	1.112	0.879	0.995	1.129	1.006
2.781	0.872	0.89	1.063	0.886	0.978	0.778	0.795	2.866	0.947
0.945	0.841	0.626	0.788	0.834	1.192	1.022	1.047	0.935	0.907
0.79	0.873	0.625	0.767	0.786	1.347	0.939	1.134	0.778	0.942
0	0.423	0.786	1.1	2.75	0	0	0	0	0.423
0	0.659	0.356	0.799	1.182	1.856	1.519	0	0	0.753
1.319	0.988	0.796	0.63	1.005	0.953	1.204	1.156	1.314	1.003
0.947	0.962	1.055	1.094	0.936	1.172	0.781	1.115	0.951	0.983

1.114	1.047	0.876	0.798	0.908	0.919	1.129	1.056	1.114	1.047
0.807	0.595	0.877	1.019	0.872	0.793	0.928	0.994	0.671	0.615
1.277	1.143	1.087	0.955	0.838	0.628	0.597	1.092	1.238	1.19
1.305	0.722	0.772	0.882	1.41	1.431	1.022	1.211	1.343	0.846
0	1	1.31	0.917	0.917	0.917	0.917	0	0	1
1.234	0.666	0.889	0.916	1.101	0.997	1.256	0.527	1.271	0.714
1.253	0.662	0.752	0.914	1.565	1.118	1.023	1.3	1.148	0.737
0.959	0.805	0.818	0.947	1.235	1.146	1.119	1.057	0.961	0.814
1.175	0.592	0.581	0.894	1.051	1.05	1.216	1.399	1.052	1.776
0.819	0.589	0.873	1.347	1.421	0.685	0.996	1.571	0.747	0.675
0.496	0.882	0.668	1.134	0.694	1.171	1.317	1.405	0.552	1.047
0.911	0.768	0.718	1.08	1.334	1.085	0.974	1.18	0.93	1.405
0.965	0.893	0.62	1.114	1.558	1.214	0.979	0.6	1.066	1.072
0.629	0.862	0.813	0.845	0.749	0.689	1.158	1.038	1.651	1.054
0.768	1.434	0.58	1.155	0.703	0.908	1.055	1.122	0.851	1.009
0.927	0.876	0.898	0.893	0.879	0.871	1.046	1.004	0.927	0.876
0.972	0.947	0.785	0.693	1.163	1.022	1.161	0.962	1.035	0.915
0.96	0.5	0.787	1.076	1.266	1.22	1.015	0.97	1.091	1.53
0	0.828	0.785	0.618	1.589	2.623	1.045	0.118	0	0.981
0.912	0.672	0.749	1.166	1.02	0.898	0.966	0.728	0.754	0.778
0	0.707	0.881	0.937	1.599	1.012	0.904	0	0	0.812
1.172	1.13	0.861	0.839	1.227	0.666	0.645	0.83	1.206	1.211
0.803	0.818	1.034	0.847	1.179	1.545	1.718	1.249	0.673	0.848
1.203	0.84	0.573	1.097	1.439	1.127	1.393	1.251	1.238	0.844
1.178	0.692	0.72	0.751	1.394	1.21	1.132	1.247	1.179	0.787
0.905	0.854	0.664	0.799	0.823	1.198	1.069	1.007	0.892	0.921
0	0.63	0.409	0.936	1.073	1.407	1.61	1.492	0	0.711
1.079	0.847	0.793	0.869	1.393	1.236	0.901	0.885	1.067	0.925
1.305	0.847	0.653	0.75	1.067	1.088	1.308	1.077	1.357	0.925
0.886	1.451	1.139	1.146	0.474	0.836	0.996	1.243	1.012	1.038
1.087	0.725	0.64	0.39	0.749	1.148	1.453	0.848	0.748	0.981
3.016	0.459	0.586	0.812	0.704	0.96	1.319	1.759	3.016	0.459
0.789	1.442	1.07	1.263	0.345	0.762	0.961	1.745	0.789	1.442
1.639	0.534	0.645	0.682	0.974	1.253	1.032	1.161	1.639	0.534
0.904	0.697	0.591	0.942	1.147	1.276	1.227	1.425	0.887	0.712
0.991	0.619	0.679	1.202	1.469	1	1.066	0.981	1.066	1.468
1.057	0.951	0.857	1.024	0.886	1.19	1.105	0.795	1.044	1.228
0.912	0.672	0.749	1.166	1.02	0.898	0.966	0.728	0.754	0.778
0.521	0.712	0.786	0.924	1.132	1.267	1.411	0.662	0.444	0.838
2.317	0.463	0.574	0.502	0.861	1.039	1.048	1.417	2.317	0.463
1.202	0.846	0.394	1.069	0.833	1.106	1.01	1.073	1.12	0.919
2.441	1.054	0.967	0.642	0.877	0.358	0.641	1.451	2.651	1.122
0.746	1.131	0.813	0.718	0.983	0.772	0.938	0.854	0.722	1.144
1.164	0.961	0.931	0.923	0.47	0.954	1.249	1.504	0.968	0.999
0.951	1.006	0.971	0.976	0.923	0.565	0.83	1.339	2.2	1.125
0	0.882	0.863	1.209	1.315	0.507	1.496	0	0	0.82
1.095	0.824	0.786	0.941	0.723	0.702	0.335	0.664	1.193	0.968
1.081	0.934	1.139	0.96	0.668	0.815	0.859	1.005	1.396	1.073
3.158	0.461	0.567	0.754	0.65	1.105	1.163	2.126	3.158	0.461
0.972	0.947	0.785	0.693	1.163	1.022	1.161	0.962	1.035	0.915

1.319	1.199	1.092	1.242	0.341	0.565	1.005	2.111	1.319	1.199
1.667	0.51	0.556	0.539	1.05	1.374	1.02	1.02	1.667	0.51
0.905	0.854	0.664	0.799	0.823	1.198	1.069	1.007	0.892	0.921
1.001	0.656	0.709	1.252	1.451	0.724	1.164	0.851	1.148	1.272
0.819	0.589	0.873	1.347	1.421	0.685	0.996	1.571	0.747	0.675
1.034	0.793	1.03	0.614	0.899	1.08	0.715	0.911	1.104	0.789
1.639	0.534	0.645	0.682	0.974	1.253	1.032	1.161	1.639	0.534
1.041	0.801	0.884	1.012	1.116	0.938	0.97	0.991	1.038	0.802
0.718	0.779	0.757	0.935	0.916	1.248	1.312	0.892	0.663	0.945
0.947	0.962	1.055	1.094	0.936	1.172	0.781	1.115	0.951	0.983
0.927	0.876	0.898	0.893	0.879	0.871	1.046	1.004	0.927	0.876
0.737	0.845	1.023	0.768	1.028	1.561	1.632	0.493	0.703	0.874
0.768	1.434	0.58	1.155	0.703	0.908	1.055	1.122	0.851	1.009
0.859	0.844	0.737	0.984	1.398	0.898	0.989	1.237	0.847	1
1.142	1.047	0.876	0.825	0.914	0.929	1.142	1.01	1.142	1.047
0.726	0.724	0.754	0.911	0.897	1.242	1.446	0.888	0.66	0.864
0.75	0.809	0.837	0.871	0.974	1.212	1.24	0.975	0.64	0.947
0.959	0.805	0.818	0.947	1.235	1.146	1.119	1.057	0.961	0.814
1.149	0.871	0.641	0.79	0.99	0.901	0.856	0.951	1.088	1.016
0.884	0.662	0.809	1.084	1.365	0.879	1.06	1.063	0.937	1.388
0.753	1.024	1.069	0.987	1.154	0.974	1.038	1.246	0.948	1.036
0.638	0.809	0.792	0.893	0.974	1.199	1.365	0.945	0.562	0.947

GATS2p	GATS3p	GATS4p	GATS5p	GATS6p	GATS7p	GATS8p	EPS0	EPS1	EEig01x
0.842	0.791	0.883	1.204	0.844	1.045	1.081	16.474	12.718	4.392
1.084	0.99	1.043	1.039	1.35	0.97	0.709	15.422	11.793	4.371
0.885	0.797	0.91	1.256	0.902	1.643	1.149	15.137	12.353	4.648
1.197	0.893	0.885	1.398	1.626	1.169	0.726	11.905	8.853	4.199
0.834	1.057	0.806	1.563	0.694	0.862	1.007	16.411	12.536	4.89
0.339	0.3	0.328	0.724	1.826	3.316	1.5	14.397	11.386	4.533
0.696	0.722	1.014	1.192	1.392	2.049	4.499	13.569	11.317	4.687
0.635	0.92	1.085	1.2	0.557	0.809	0.7	23.562	19.758	4.575
1.217	1.762	1.104	0.969	0.536	0.677	0.322	13.113	9.864	4.21
0.974	1.469	1.493	1.413	1.112	0.567	0	15.894	12.861	4.667
0.684	0.587	0.858	1.302	1.444	2.328	2.069	12.93	10.392	4.496
0.587	1.141	0.776	1.243	0.947	1.586	1.063	22.361	17.706	4.69
0.887	0.884	0.758	1.118	1.485	0.948	0.641	16.137	13.306	4.626
1.159	1.17	1.189	1.314	0.927	0.591	0.682	16.153	12.791	4.685
0.934	1.077	0.676	0.737	0.942	1.484	1.437	14.845	11.869	4.473
0.617	0.735	1.025	0.844	0.969	1.974	2.521	14.637	11.827	4.553
0.508	1.379	0.855	2.045	0.654	0	0	9.414	7.395	4.347
0.973	1.015	1.256	0.766	0.921	0.687	1.128	15.74	12.863	4.509
0.795	0.859	1.31	1.153	1.042	1.141	0.912	33.515	26.637	4.26
0.703	0.816	1.238	1.166	1.074	0.542	0.717	22.133	17.769	4.896
0.751	0.657	0.811	0.79	0.787	2.633	2.73	15.345	12.386	4.625
0.679	0.784	1.019	1.28	1.039	1.845	1.452	13.483	10.833	4.541
0.78	0.967	1.239	0.971	0.84	0.731	1.221	19.342	15.198	4.528
0.838	1.169	1.045	0.76	0.94	0.969	1.573	14.397	11.386	4.533
1.011	1.402	1.044	1.197	0.972	0.82	0.657	14.767	11.368	4.5
0.838	0.985	0.845	1.191	1.194	0.844	0.707	15.353	12.239	4.608
0.847	0.951	0.838	0.634	0.956	1.217	1.369	16.109	12.725	4.798
0.767	1.028	0.781	0.881	1.31	0.75	1.473	14.999	11.847	4.547
0.856	0.838	0.964	0.972	1.34	1.471	2.36	14.281	11.757	4.868
0.828	0.286	0.805	0.689	0.451	0.975	1.312	18.043	13.83	4.331
1.07	1.263	0.345	0.762	0.961	1.745	0.789	14.397	11.386	4.456
0.758	0.951	1.39	1.36	0.815	0	0	10.783	8.226	4.745
0.774	0.995	1.104	1.382	0.831	0.321	0.908	15.759	12.295	4.369
0.74	0.98	1.346	1.216	1.34	1.186	1.082	30.603	24.174	4.327
0.58	0.561	1.055	1.183	1.436	2.113	1.311	13.93	11.327	4.552
0.703	0.919	0.9	0.824	0.854	0.791	0.888	19.231	15.193	4.363
0.3	0.263	0.284	1.05	2.5	3.75	3	14.852	11.823	4.883
0.308	1.296	0.717	1.653	0.662	1.707	0.113	9.182	6.833	4.269
0.638	0.669	0.919	1.222	1.003	1.227	1.679	17.291	14.593	4.979
0.84	1.058	0.954	1.809	0.838	0.795	1.076	13.232	9.605	4.437
1.053	0.71	0.925	1.456	1.511	0.529	0.945	12.56	9.348	4.04
1.111	1.525	0.587	0.503	1.005	1.131	0	8.259	6.378	4.326
0.903	0.98	1.171	0.815	1.118	0.466	0	13.93	11.397	4.482
0.949	1.074	1.07	0.928	1.273	0.3	1.117	16.998	14.754	5.124
0.772	0.864	1.053	1.081	1.037	1.081	0.961	19.389	15.229	4.649
0.672	0.812	1.054	0.945	0.99	1.896	1.902	14.137	11.36	4.521
0.691	0.695	1.031	1.309	1.093	2.077	1.843	12.93	10.392	4.496
1.184	0.818	1.457	0.866	0.856	0.855	0.988	15.033	12.38	4.541
0.523	0.936	1.165	1.589	1.108	0	0	12.828	10.367	4.558

1.337	0.975	0.995	1.162	1.26	0.71	0.801	12.613	9.353	4.198
0.898	1.11	1.681	1.386	1.197	0.658	0.645	17.73	13.161	4.749
0.863	0.851	1.174	1.029	1.247	1.076	2.303	15.559	13.181	5.124
0.743	0.881	1.28	1.156	1.104	1.222	0.889	34.929	27.621	4.228
0.899	0.996	1.108	0.625	0.832	1.168	0.898	21.016	17.232	4.58
1.14	0.805	0.898	1.221	1.623	0.873	0.522	12.137	9.382	4.06
0.754	0.94	0.862	0.921	0.881	0.965	0.954	19.231	15.193	4.363
0.645	0.682	0.974	1.253	1.032	1.161	1.639	16.791	14.105	4.977
0.645	0.682	0.974	1.253	1.032	1.161	1.639	16.791	14.105	4.982
1.14	1.561	0.746	0.533	0.634	1.284	1.267	13.69	10.903	4.498
1.165	1.409	0.983	0.459	1.058	0.95	0	13.483	10.861	4.502
0.536	1.362	1.428	0.455	1.41	0	0	8.207	6.391	4.092
0.927	0.953	1.052	0.625	0.43	0.996	0.968	18.991	14.845	4.501
0.748	0.788	0.707	1.295	1.357	1.242	1.434	13.146	10.303	4.559
1.306	0.991	1.261	1.105	0.837	0.829	0.793	16.181	12.368	4.264
0.732	0.985	0.84	0.786	1.172	1.422	1.71	17.662	14.258	4.711
0.59	0.691	1.226	1.166	2.797	0.952	0.345	9.342	7.942	4.487
0.553	1.238	1.381	0.874	1.245	0.481	1.43	11.491	8.736	4.203
0.826	0.953	0.924	1.405	0.625	0.335	1.149	13.016	9.829	4.425
0.899	1.029	1.558	1.878	1.187	0.142	0	13.405	10.299	4.354
0.674	1.012	0.904	0.809	0.822	0.726	0.838	19.549	15.648	4.448
0.589	1.137	1.672	1.404	1.494	0.821	0.336	18.861	15.347	4.467
0.638	0.848	0.9	1.689	0.573	0.776	1.077	14.988	11.672	4.813
0.908	0.988	1.292	1.513	1.51	0.398	0.557	16.809	13.36	4.103
0.818	0.871	1.37	0.82	1.474	1.303	2.607	10.264	7.651	4.774
0.728	0.9	0.554	1.083	0.781	1.08	0.667	16.759	13.3	4.517
1.09	0.819	0.957	1.471	0.941	1.042	1.213	15.604	12.29	4.387
0.759	0.569	1.073	0.97	1.102	1.126	0.966	13.212	11.856	4.71
1.05	1.561	0.321	0.7	0.797	1.65	0.825	14.845	11.886	4.459
0.869	1.121	1.52	1.653	1.093	0.633	0.463	14.378	11.844	4.579
0.936	1.009	1.66	1.786	1.232	0.635	0.784	19.934	16.257	4.795
0.879	0.798	1.026	1.758	0.615	1.538	0	11.309	9.43	4.572
0.761	1.051	1.11	1.366	1.236	0.908	0.512	15.397	12.35	4.61
0.743	0.765	1.372	1.159	0.869	1.22	1.258	22.982	17.603	4.317
0.967	0.995	0.804	0.846	1.055	1.067	1.248	15.723	12.186	4.663
0.739	0.933	1.102	0.906	1.104	0.702	0.795	19.256	15.824	4.563
0.479	0.755	0.766	0.849	1.207	1.272	1.397	14.033	11.381	4.552
0.542	0.937	1.144	0.92	1.275	1.157	0	8.947	7.436	4.679
0.716	0.895	1.045	1.02	1.001	0.857	0.815	28.219	24.089	4.918
0.663	0.826	0.839	0.957	1.365	1.075	1.234	17.618	14.17	4.77
0.813	0.753	1.117	1.161	1.685	1.295	3.54	14.28	12.287	4.953
0.907	0.945	1.15	0.98	1.139	0.562	0.919	17.705	15.254	5.12
0.856	0.987	0.704	0.846	0.992	1.156	0.616	16.654	13.352	4.29
0.339	0.3	0.328	0.724	1.826	3.316	1.5	14.397	11.386	4.549
0.888	1.006	1.097	0.931	0.971	0.999	1.044	25.524	20.927	4.854
0.674	1.011	1.122	0.866	0.789	0.865	1.015	14.507	10.809	4.451
0.433	0.774	0.853	0.524	0.557	1.564	1.586	18.577	14.779	4.626
0.459	1.346	0.892	1.347	0.479	1.801	0	9.679	7.865	4.454
0.81	1.132	0.856	1.201	1.442	2.119	0.671	13.715	10.343	4.124
0.897	1.088	1.079	0.561	0.843	1.22	1.021	20.516	16.765	4.58

0.746	0.937	1.095	1.002	1.253	0.746	1.145	14.127	10.642	4.429
0.644	1.079	1.045	0.764	0.181	0.634	1.263	14.532	11.344	4.44
1.088	1.474	0.869	0.596	0.635	1.175	1.466	14.137	11.386	4.513
0.805	0.741	1.042	0.874	0.962	0.888	0.759	22.212	16.307	4.714
0.649	0.866	1.217	1.043	1.14	1.215	0.984	29.291	23.166	4.11
1.074	0.94	1.427	0.868	0.702	0	0	9.259	7.369	4.415
0.841	1.104	0.947	0.931	0.384	0.691	1.086	23.557	18.735	4.633
1.02	0.736	0.974	1.518	1.623	0.522	0.752	12.137	9.382	4.06
0.453	1.295	0.92	0.916	2.852	0	0	8.897	7.273	4.621
0.739	0.228	0.74	0.641	0.369	0.989	1.298	18.328	14.347	4.331
1.201	0.947	0.998	0.552	1.283	1.059	1.069	14.878	11.219	4.519
0.847	0.951	0.838	0.634	0.956	1.217	1.369	16.109	12.725	4.798
1.057	1.069	0.932	1.127	0.814	1.084	0.979	32.451	26.053	4.557
0.899	1.041	1.122	0.928	0.982	0.992	1.054	24.654	20.499	4.853
1.092	1.242	0.341	0.565	1.005	2.111	1.319	14.113	10.868	4.455
0.724	0.875	1.054	1.267	1.006	0.957	1.184	17.748	15.02	5.1
0.945	1.162	1.915	0.835	0.585	0.715	0.585	12.949	9.915	4.246
0.738	0.701	1.115	0.588	1.144	0.932	0.659	25.223	19.201	4.695
0.588	1.071	1.066	1.427	0.774	1.026	0.829	20.516	16.797	4.49
0.538	1.373	1.488	2.571	0	0	0	6.171	4.787	4.542
0.792	0.895	0.987	0.702	1.759	1.066	1.149	14.646	11.76	4.641
0.825	0.751	1.165	1.094	1.433	0.965	2.708	15.151	12.725	4.956
0.612	0.779	1.046	0.962	1.288	0.565	1.416	16.508	13.217	4.804
0.912	0.862	1.192	1.067	1.277	1.037	0.738	33.479	27.022	4.673
0.958	0.767	1.287	0.903	1.171	1.422	0.707	24.316	19.719	4.673
0.482	0.609	1.009	1.813	1.854	1.543	2.791	10.414	8.329	4.503
0.731	0.851	0.981	0.99	0.679	1.131	1.121	21.378	17.228	4.542
0.581	1.045	1.162	1.533	1.092	0	0	11.751	8.832	4.279
0.903	0.873	1.114	0.9	0.862	0.86	0.897	21.778	16.7	4.798
0.906	0.891	1.11	1.037	1.22	0.617	1.386	16.266	13.719	5.124
0.646	0.934	1.114	1.227	1.257	1.332	0.882	23.112	18.157	4.648
0.601	0.941	1.001	1.247	1.144	1.038	1.438	16.328	12.618	4.679
0.667	0.937	0.969	1.176	1.081	1.274	0.766	16.983	13.156	4.648
0.345	0.294	0.323	0.714	1.905	4	2.5	14.113	10.868	4.533
0.788	0.877	1.084	0.878	0.948	0.945	1.103	30.34	23.781	4.68
0.642	0.966	0.539	0.758	0.757	1.031	0.9	20.54	16.727	4.78
0.79	0.999	1.354	1.319	1.126	0.712	0.802	15.093	12.282	4.45
1.235	0.875	1.077	1.167	0.778	0	0	9.336	6.866	3.96
0.614	0.715	0.764	0.676	1.058	1.553	3.096	13.646	10.765	4.455
0.72	1.278	1.113	0.971	0.462	0.426	1.018	18.386	14.79	4.856
1.01	1.454	1.275	0.673	0	0	0	10.414	8.4	4.625
0.567	0.754	0.65	1.105	1.163	2.126	3.158	13.805	11.745	4.738
0.765	0.946	1.13	0.931	0.788	1.271	1.018	17.861	14.326	4.457
0.849	1.042	0.929	1.033	0.807	0.674	2.736	13.223	10.281	4.519
0.683	0.84	0.826	1.19	1.006	1.023	0.95	40.631	33.021	5.145
0.695	0.831	0.774	1.342	0.904	1.12	0.795	38.79	31.674	5.139
0.786	1.1	2.75	0	0	0	0	7.274	6.482	4.394
0.388	0.912	1.149	1.705	1.395	0	0	12.328	9.883	4.522
0.808	0.646	1.019	0.962	1.177	1.132	1.32	19.618	15.012	4.682
1.056	1.087	0.922	1.162	0.781	1.115	0.945	31.528	25.671	4.553

0.876	0.798	0.908	0.919	1.129	1.056	1.114	28.566	23.521	4.639
0.847	0.978	0.865	0.803	1.194	0.963	0.882	17.231	13.749	4.535
1.107	1.029	0.961	0.685	0.66	1.125	1.289	23.591	19.271	4.582
0.854	0.88	1.323	1.425	0.996	1.166	1.286	29.825	24.269	4.401
1.31	0.917	0.917	0.917	0.917	0	0	7.483	5.17	3.983
0.916	0.932	1.107	0.995	1.207	0.467	1.214	16.998	14.754	5.124
0.801	1.01	1.549	1.309	0.992	1.269	1.523	26.154	21.21	4.414
0.822	0.956	1.231	1.143	1.112	1.055	0.959	40.288	33.408	5.064
0.529	0.732	0.866	0.859	1.35	0.896	1.264	12.886	10.275	4.7
0.892	1.286	1.356	0.679	1.139	1.699	0.855	23.288	18.725	4.767
0.742	1.174	0.753	1.149	1.252	1.244	0.474	15.085	12.31	4.686
0.773	1.071	1.408	1.112	0.775	1.319	0.859	22.841	18.276	4.933
0.657	1.088	1.456	1.009	1.11	0.738	0.922	19.173	15.3	4.472
0.722	0.751	0.917	0.843	1.269	1.259	1.7	12.69	9.881	4.263
0.555	1.509	1.375	1.546	1.008	1.258	0.405	11.621	8.287	4.187
0.898	0.893	0.879	0.871	1.046	1.004	0.927	35.889	30.438	5.028
0.855	1.162	1.318	1.045	1.116	0.872	0.676	19.284	15.231	4.458
0.801	0.943	1.109	0.952	0.91	1.21	0.728	18.179	14.805	4.843
0.886	0.644	1.46	2.301	1.194	0.18	0	11.154	8.216	4.342
0.688	1.12	1.101	1.001	1.295	0.715	0.938	22.738	18.154	4.844
1.074	0.94	1.427	0.868	0.702	0	0	9.259	7.369	4.415
0.864	0.929	1.272	0.662	0.73	0.893	1.158	19.187	15.147	4.597
1.062	0.786	1.044	1.465	1.705	1.357	0.867	12.69	9.881	4.493
0.808	0.995	1.053	1.007	1.105	0.859	1.017	33.067	26.164	4.201
0.802	0.743	1.36	1.221	1.098	1.193	1.175	32.187	26.219	4.437
0.725	0.851	0.813	1.194	1.051	0.983	0.911	39.761	32.573	5.142
0.407	0.951	1.137	1.386	1.48	1.279	0	12.954	10.358	4.855
0.872	0.879	1.34	1.141	0.914	0.893	1.082	16.618	13.186	4.568
0.753	0.842	1.082	1.018	1.298	0.978	1.279	16.782	13.134	4.62
1.14	1.561	0.746	0.533	0.634	1.284	1.267	13.69	10.903	4.498
0.85	0.683	0.913	1.238	1.147	0.627	1.673	16.24	13.322	4.502
0.586	0.812	0.704	0.96	1.319	1.759	3.016	13.411	11.293	4.644
1.07	1.263	0.345	0.762	0.961	1.745	0.789	14.397	11.386	4.456
0.645	0.682	0.974	1.253	1.032	1.161	1.639	16.791	14.105	4.977
0.659	0.948	1.097	1.264	1.244	1.359	0.914	22.665	17.674	4.648
0.731	1.001	1.558	0.71	1.096	0.855	0.821	15.084	12.281	5.028
1.06	1.088	0.985	1.392	1.402	0.624	0.72	16.118	12.649	4.527
0.688	1.12	1.101	1.001	1.295	0.715	0.938	22.738	18.154	4.844
0.882	0.899	1.015	1.233	1.339	0.688	0.516	16.353	13.192	4.7
0.574	0.502	0.861	1.039	1.048	1.417	2.317	15.012	12.74	4.75
0.4	1.135	0.779	1.109	0.981	1.098	1.237	14.955	11.793	4.522
0.877	0.504	0.795	0.399	0.645	1.295	2.343	19.25	14.786	4.573
0.805	0.741	1.042	0.874	0.962	0.888	0.759	22.212	16.307	4.714
1.088	1.474	0.869	0.596	0.635	1.175	1.466	14.137	11.386	4.513
0.973	1.015	1.256	0.766	0.921	0.687	1.128	15.74	12.863	4.509
0.508	1.379	0.855	2.045	0.654	0	0	9.414	7.395	4.374
0.841	1.104	0.947	0.931	0.384	0.691	1.086	23.557	18.735	4.633
1.201	0.947	0.998	0.552	1.283	1.059	1.069	14.878	11.219	4.519
0.567	0.754	0.65	1.105	1.163	2.126	3.158	13.805	11.745	4.738
0.855	1.162	1.318	1.045	1.116	0.872	0.676	19.284	15.231	4.458



1.092	1.242	0.341	0.565	1.005	2.111	1.319	14.113	10.868	4.455
0.556	0.539	1.05	1.374	1.02	1.02	1.667	16.382	13.665	4.781
0.725	0.851	0.813	1.194	1.051	0.983	0.911	39.761	32.573	5.142
0.707	0.916	1.587	0.854	0.956	0.888	0.876	14.377	11.781	5.032
0.892	1.286	1.356	0.679	1.139	1.699	0.855	23.288	18.725	4.767
0.81	1.132	0.856	1.201	1.442	2.119	0.671	13.715	10.343	4.124
0.645	0.682	0.974	1.253	1.032	1.161	1.639	16.791	14.105	4.977
0.888	1.006	1.097	0.931	0.971	0.999	1.044	25.524	20.927	4.854
0.838	0.985	0.845	1.191	1.194	0.844	0.707	15.353	12.239	4.608
1.056	1.087	0.922	1.162	0.781	1.115	0.945	31.528	25.671	4.553
0.898	0.893	0.879	0.871	1.046	1.004	0.927	35.889	30.438	5.028
1.02	0.736	0.974	1.518	1.623	0.522	0.752	12.137	9.382	4.06
0.555	1.509	1.375	1.546	1.008	1.258	0.405	11.621	8.287	4.187
0.798	0.918	1.46	0.921	0.916	1.285	0.866	52.503	41.317	4.394
0.876	0.825	0.914	0.929	1.142	1.01	1.142	28.566	23.537	4.662
0.852	0.902	0.794	1.211	1.381	0.859	0.72	15.353	12.239	4.608
0.915	0.86	0.912	1.182	1.144	0.972	0.772	17.085	14.284	4.72
0.822	0.956	1.231	1.143	1.112	1.055	0.959	40.288	33.408	5.064
0.731	0.851	1.01	0.884	0.894	0.936	1.171	21.378	17.228	4.54
0.789	0.923	1.471	0.65	1.049	1.129	0.752	14.825	12.264	5.028
0.958	0.767	1.287	0.903	1.171	1.422	0.707	24.316	19.719	4.673
0.884	0.87	0.912	1.155	1.306	0.909	0.648	17.137	14.251	4.727

EEig02x	EEig03x	EEig04x	EEig05x	EEig06x	EEig07x	EEig08x	EEig09x	EEig10x	EEig11x
3.944	3.866	3.518	3.14	2.758	2.732	2.5	2.397	1.833	1.685
3.796	3.455	3.42	3.26	3.06	2.532	2.127	1.917	1.466	1.153
4.26	3.919	3.46	3.319	3.101	2.772	2.545	2.5	2.386	1.434
3.422	3.107	2.992	2.89	2.582	1.874	1.438	1.152	0.664	0.467
4.325	3.864	3.673	3.251	2.787	2.516	2.206	1.782	1.536	1.52
4.045	3.523	3.205	2.974	2.867	2.736	2.598	1.986	1.711	1.102
4.246	3.607	3.57	3.238	2.875	2.823	2.382	1.599	1.4	1.061
4.292	4.285	4.01	3.913	3.765	3.327	3.242	3.081	2.896	2.65
4.015	3.213	2.886	2.832	2.635	2.5	2.222	1.411	1.081	0.746
3.948	3.536	3.434	2.831	2.659	2.55	2.5	2.416	2	1.862
3.975	3.66	3.407	3.276	2.763	2.545	2.5	1.535	1.351	0.733
4.243	3.983	3.563	3.524	3.338	3.226	2.868	2.735	2.657	2.512
4.22	3.919	3.719	3.25	3.173	2.858	2.651	2.232	2	1.881
3.878	3.816	3.534	3.018	2.663	2.5	2.5	2.446	2.133	1.882
4.093	3.489	3.329	3.199	2.916	2.737	2.417	2.033	1.637	1.265
4.228	3.979	3.561	3.418	2.917	2.864	2.737	2.541	1.514	1.357
3.814	3.232	2.888	2.254	1.794	1.51	1	0.521	0.045	-0.232
4.148	3.785	3.457	3.37	2.947	2.834	2.753	2.359	2	1.557
4.107	4.087	3.969	3.908	3.832	3.767	3.607	3.524	3.382	3.166
4.289	3.736	3.688	3.567	3.456	2.999	2.886	2.781	2.736	2.5
4.104	3.852	3.405	3.042	2.906	2.769	2.548	2.002	2	1.576
4.04	3.793	3.422	3.299	2.772	2.554	2.5	2.034	1.434	1.038
4.019	3.94	3.611	3.322	3.193	2.991	2.812	2.515	2.5	2
4.045	3.523	3.205	2.974	2.867	2.736	2.598	1.986	1.711	1.102
4.086	3.513	3.118	3.088	2.767	2.504	2.38	2.118	2.067	1.349
4.218	3.811	3.498	3.226	2.935	2.712	2.259	2.154	2	1.411
4.113	3.842	3.557	3.224	3.018	2.932	2.702	2.5	2.101	1.838
3.67	3.619	3.537	3.374	3.251	2.72	2.238	1.849	1.801	1.232
4.091	3.679	3.348	3.185	2.939	2.796	2.123	1.875	1.464	1.11
3.87	3.62	3.439	3.102	2.837	2.703	2.5	2.5	2.078	2
4.045	3.346	3.199	2.97	2.867	2.736	2.417	1.986	1.619	1.102
3.87	3.05	2.86	2.589	2.48	1.572	1.253	0.953	0.604	0.246
3.902	3.829	3.35	3.27	2.907	2.61	2.532	2.5	1.797	1.37
4.254	4.008	3.932	3.765	3.705	3.51	3.246	3.232	2.97	2.913
4.121	3.856	3.499	3.37	2.865	2.742	2.608	2.046	1.504	1.114
3.902	3.697	3.616	3.373	3.31	2.99	2.861	2.709	2.465	1.891
3.962	3.884	3.147	2.819	2.702	2.701	2.519	2.32	1.776	1.148
3.537	3.502	2.178	1.849	1.517	0.527	0.511	0.409	0	0
4.74	3.966	3.688	3.494	3.302	3.085	2.692	2.566	2.202	1.885
3.855	3.451	3.33	2.833	2.2	1.847	1.618	1.253	1.179	0.765
3.533	3.371	3.071	2.5	2.48	1.888	1.49	1.274	0.803	0.5
3.232	3.217	2.885	1.891	1.043	1	0.046	0	-0.082	-0.232
4.09	3.674	3.153	2.971	2.933	2.754	2.476	2.167	1.401	1.17
4.312	3.95	3.705	3.556	3.46	3.179	2.834	2.341	1.947	1.664
4.255	4.113	3.729	3.446	3.23	3.035	2.874	2.624	2.593	2.402
4.165	3.876	3.553	3.324	2.917	2.763	2.544	2.5	1.486	1.307
3.975	3.66	3.407	3.276	2.763	2.545	2.5	1.535	1.351	0.733
4.121	3.859	3.385	3.19	2.908	2.861	2.61	2.247	2	1.349
4.093	3.774	3.31	2.919	2.881	2.746	2.529	1.738	1.224	0.829

3.421	3.107	2.993	2.891	2.738	1.921	1.702	1.356	0.876	0.613
3.863	3.641	3.353	3.293	2.925	2.535	2.5	2.065	2	1.872
4.323	3.929	3.609	3.483	3.204	2.852	2.339	2.025	1.689	1.504
4.107	4.1	3.969	3.931	3.837	3.767	3.617	3.524	3.382	3.169
4.52	3.898	3.823	3.526	3.437	3.277	2.967	2.763	2.563	2.432
3.647	3.411	3.256	3.066	2.5	1.891	1.444	1.152	0.641	0.5
3.902	3.697	3.616	3.373	3.31	2.99	2.861	2.709	2.465	1.891
4.709	3.962	3.68	3.322	3.252	3.056	2.691	2.289	2.192	1.632
4.717	3.996	3.689	3.449	3.277	3.147	2.695	2.296	2.267	1.643
3.962	3.367	3.202	2.969	2.819	2.702	2.416	1.872	1.259	0.909
3.962	3.662	3.273	2.968	2.819	2.702	2.327	1.895	1.255	0.909
3.798	3.239	2.667	2.304	1.185	0.886	0.484	0	-0.065	-0.271
4.083	3.792	3.468	2.99	2.932	2.85	2.739	2.699	2.38	2.037
3.775	3.637	3.245	2.823	2.275	2.18	1.819	1.665	1.48	1.005
4.081	3.507	2.997	2.938	2.863	2.5	2.497	2.165	2	1.908
4.261	4.078	3.732	3.407	3.335	3.244	2.845	2.778	2.579	2.313
4.143	3.608	3.191	3.005	1.958	1.124	0.718	0.408	0.328	0
3.914	3.572	3.014	2.658	2.5	1.738	1.211	1.165	0.627	0.481
3.617	3.456	3.204	2.844	2.247	2.135	1.779	1.433	1.013	0.689
4.042	3.274	3.232	2.861	2.555	2.177	2	1.579	1	0.876
4.334	3.697	3.62	3.393	3.355	2.995	2.928	2.82	2.593	1.891
4.017	3.904	3.739	3.162	3.075	2.939	2.767	2.633	2.5	2.408
4.302	3.86	3.445	3.104	2.644	2.476	2.202	1.726	1.52	1.286
4.068	3.764	3.487	3.291	3.181	2.5	2.428	2	1.928	1.502
3.629	3.303	3.016	2.363	1.851	1.137	1	1	0.406	-0.129
4.074	3.931	3.452	3.342	2.593	2.567	2.56	2.448	2.378	2.113
3.933	3.865	3.452	3.136	2.758	2.732	2.5	2.397	1.813	1.332
4.603	4.289	3.923	3.432	2.795	1.909	1.723	1.492	1	0.559
4.045	3.529	3.253	2.971	2.867	2.797	2.736	2.141	1.732	1.102
4.092	3.779	3.211	3.046	2.879	2.876	2.512	2.155	1.957	1.183
4.652	3.736	3.63	3.333	2.971	2.879	2.781	2.721	2.5	2.5
4.109	3.347	3.063	2.899	2.842	2.094	2.091	1.103	0.969	0.435
4.118	3.769	3.526	3.361	3.018	2.869	2.61	2.5	2.223	1.337
4.201	3.926	3.735	3.638	3.402	2.981	2.911	2.53	2.5	2.211
4.25	3.974	3.586	3.3	3.048	2.948	2.662	2.562	2.242	2.107
4.42	3.877	3.726	3.408	3.282	3.061	3.046	2.853	2.504	2.141
3.886	3.662	3.381	3.146	2.971	2.705	2.216	1.778	1.594	1.14
4.461	3.357	3.045	2.634	2.092	1.068	1	0.662	0.48	0.246
4.766	4.398	4.206	3.874	3.789	3.68	3.562	3.331	3.136	3.009
4.241	3.877	3.583	3.426	3.285	3.051	2.702	2.539	2.508	1.618
4.151	3.808	3.533	3.351	3.022	2.846	2.477	1.87	1.574	1.336
4.312	3.889	3.619	3.549	3.293	3.165	2.832	2.304	1.942	1.79
4.192	3.741	3.572	3.209	2.886	2.518	2.5	2.239	2.208	1.845
4.045	3.599	3.215	3.063	2.867	2.736	2.6	2.33	1.811	1.102
4.567	4.347	4.002	3.94	3.799	3.537	3.25	3.16	2.953	2.879
4.149	3.337	2.811	2.763	2.516	2.5	2.108	1.621	1.174	0.931
4.105	3.974	3.804	3.397	3.028	2.906	2.771	2.662	2.104	2.001
3.957	3.635	2.907	2.571	2.303	1.179	0.67	0.484	0	0
4.05	3.462	3.37	2.918	2.618	2.214	1.877	1.591	1.097	1
4.494	3.828	3.763	3.523	3.405	3.275	2.966	2.574	2.535	2.188

4.228	3.599	3.362	3.355	2.823	2.204	1.618	1.576	1.394	0.957
4.099	3.784	3.188	2.91	2.639	2.5	2.5	2.223	1.335	1.009
4.028	3.461	3.351	3.202	2.882	2.712	2.417	1.897	1.386	1.029
4.264	4.161	3.587	3.315	3.307	3.064	2.919	2.919	2.427	2.051
4.097	3.968	3.934	3.833	3.759	3.576	3.509	3.382	3.164	2.929
3.809	3.248	2.972	2.522	2.5	1.291	0.794	0.539	0.5	-0.092
4.037	4.009	3.728	3.578	3.471	3.38	3.174	3.062	2.811	2.5
3.647	3.411	3.256	3.066	2.5	1.891	1.444	1.152	0.641	0.5
3.898	3.576	3.029	2.409	1.921	1.746	0.715	0.106	0	-0.106
3.87	3.622	3.548	3.436	3.097	2.83	2.5	2.5	2.438	2
3.741	3.464	3.366	3.154	2.966	2.404	2.125	1.618	1.296	1.151
4.113	3.842	3.557	3.224	3.018	2.932	2.702	2.5	2.101	1.838
4.502	4.478	4.106	4.082	3.943	3.552	3.36	3.304	3.136	3.086
4.559	4.338	4.001	3.939	3.796	3.537	3.249	3.155	2.885	2.879
4.045	3.331	2.971	2.867	2.736	2.694	2.233	1.877	1.469	1.102
4.92	4.093	3.753	3.434	3.267	3.132	3	2.422	2.296	1.781
3.736	3.242	3.117	2.781	2.5	2.5	2.405	1.725	0.792	0.719
4.105	3.913	3.812	3.451	3.04	2.93	2.794	2.644	2.302	2.247
4.428	3.838	3.571	3.536	3.256	3.165	3.012	2.839	2.821	2.458
3.43	2.908	1.441	1	0.777	-0.071	-0.449	-0.706	-0.872	0
4.269	3.761	3.669	3.31	2.799	2.575	2.503	2.133	2.058	1.264
4.168	3.865	3.563	3.453	2.97	2.786	2.339	2	1.686	1.503
4.186	3.847	3.731	3.516	3.299	3.213	2.682	2.5	2.253	1.675
4.371	4.158	4.069	3.99	3.825	3.727	3.641	3.379	3.172	3.117
4.149	3.99	3.89	3.824	3.658	3.379	3.12	2.895	2.726	2.553
4.061	3.514	3.073	2.867	2.702	1.504	1.189	0.809	0.766	0.103
4.234	3.974	3.825	3.705	3.524	3.428	3.369	2.966	2.534	2.5
3.611	3.304	2.873	2.5	2.441	2	1.592	1.399	0.617	0.5
4.315	3.922	3.532	3.445	3.092	2.937	2.81	2.789	2.359	2.271
4.311	3.938	3.58	3.499	3.298	2.836	2.653	2.332	1.928	1.608
4.255	4.105	3.927	3.727	3.392	3.278	3.131	3.024	2.832	2.6
4.313	4.103	3.574	3.368	3.129	3.029	2.616	2.435	1.516	1.481
4.255	4.105	3.727	3.378	3.14	3.024	2.6	2.445	2.089	1.497
4.045	3.517	2.975	2.867	2.741	2.736	2.388	1.912	1.498	1.102
4.457	4.336	4.013	3.928	3.694	3.526	3.36	3.355	3.193	3.039
4.525	4.006	3.714	3.619	3.6	3.443	3.088	2.872	2.5	2.454
4.199	3.646	3.358	3.053	3	2.844	2.5	2.24	1.347	1.097
3.682	3.371	2.889	2.5	2.173	1.049	0.844	0.5	0.295	-0.326
4.183	3.668	3.261	2.928	2.819	2.607	2.326	1.608	1.33	0.868
4.353	3.966	3.841	3.647	3.271	3.134	2.872	2.532	2.5	2.5
3.912	3.472	2.935	2.583	2.486	1.95	1.337	0.916	0.57	0.263
4.545	3.727	3.389	3.103	2.697	2.512	2.13	1.699	1.496	0.869
4.157	3.625	3.557	3.368	3.137	2.876	2.764	2.536	2.403	2
3.973	3.488	3.152	2.611	2.5	2.054	2	1.585	0.787	0.667
4.938	4.566	4.444	4.389	4.318	3.961	3.631	3.529	3.499	3.392
4.694	4.576	4.39	4.322	4.01	3.938	3.673	3.531	3.508	3.32
3.506	3	3	1	1	0.494	0	0	-0.394	-1
4.045	3.683	3.132	2.919	2.867	2.736	2.341	1.663	1.102	0.656
4.319	3.989	3.738	3.527	3.444	3.223	2.916	2.287	2.202	1.888
4.484	4.46	4.102	4.081	3.935	3.545	3.355	3.304	3.134	3.086

4.385	4.2	4.171	3.785	3.739	3.527	3.355	3.252	3.049	3.044
4.179	3.798	3.66	3.435	2.96	2.856	2.5	2.5	2.159	2
4.483	4.125	3.99	3.778	3.601	3.348	3.034	3.032	2.888	2.702
4.237	4.039	3.991	3.893	3.792	3.409	3.331	3.291	2.979	2.93
3.303	2.414	1.618	1.143	1	-0.251	-0.303	-0.414	-0.618	-0.875
4.312	3.95	3.705	3.556	3.46	3.179	2.834	2.341	1.947	1.664
4.252	4.039	3.917	3.802	3.659	3.552	3.092	2.92	2.871	2.775
4.823	4.409	4.264	4.184	4.1	4.079	3.812	3.603	3.5	3.462
4.537	3.65	3.366	3.145	2.717	2.223	1.613	1.543	1.181	1
4.444	3.984	3.736	3.605	3.365	3.115	2.875	2.781	2.6	2.5
4.081	3.872	3.699	3.44	3.249	2.765	2.5	2.377	2.15	1.36
4.002	3.859	3.8	3.6	3.338	3.243	3.06	2.903	2.55	2.5
4.081	3.929	3.518	3.303	3.118	2.657	2.5	2.478	2.383	2
3.861	3.455	3.202	2.912	2.5	2.5	2.278	1.385	0.974	0.563
3.856	3.386	2.83	2.564	2.498	1.894	1.477	1.238	0.73	0.366
4.572	4.099	4.094	4.019	3.93	3.68	3.537	3.304	3.272	3.137
4.133	3.9	3.639	3.501	3.222	3.048	2.914	2.611	2.5	2.194
4.554	3.844	3.677	3.547	3.301	2.735	2.701	2.5	2.362	2.159
3.712	3.232	3.21	2.85	1.618	1.603	1.243	1	0.612	0.321
4.535	3.797	3.736	3.688	3.434	3.172	2.947	2.781	2.5	2.5
3.809	3.248	2.972	2.522	2.5	1.291	0.794	0.539	0.5	-0.092
4.25	4.072	3.792	3.497	3.398	2.941	2.778	2.493	2.123	2.118
3.545	3.379	3.118	3.076	2.769	2.397	1.809	1.377	0.96	0.882
4.108	4.007	3.932	3.923	3.809	3.749	3.513	3.388	3.248	2.967
4.253	4.095	4.035	3.964	3.857	3.676	3.61	3.438	3.118	3.085
4.938	4.564	4.443	4.386	4.318	3.96	3.6	3.522	3.495	3.392
3.736	3.718	3.306	2.987	2.781	2.5	2.5	2.25	1	0.86
4.136	3.781	3.582	3.324	2.92	2.782	2.715	2.329	2	1.865
4.156	3.832	3.557	3.342	3.048	2.753	2.439	2.331	2	1.811
3.962	3.367	3.202	2.969	2.819	2.702	2.416	1.872	1.259	0.909
4.347	4.092	3.86	3.325	3.032	2.98	2.867	2.565	1.909	1.847
4.342	3.696	3.294	3.026	2.694	2.527	2.179	1.719	1.148	0.839
4.045	3.346	3.199	2.97	2.867	2.736	2.417	1.986	1.619	1.102
4.688	3.951	3.668	3.311	3.221	2.947	2.683	2.256	1.847	1.512
4.255	4.105	3.896	3.727	3.381	3.147	3.025	2.953	2.617	2.591
4.286	3.965	3.828	3.204	2.891	2.783	2.604	2.5	2.221	1.2
4.439	3.947	3.614	3.467	3.067	3.026	2.635	2.002	1.884	1.567
4.535	3.797	3.736	3.688	3.434	3.172	2.947	2.781	2.5	2.5
4.285	3.832	3.566	3.435	3.05	2.976	2.673	2.198	2.139	1.442
4.58	3.768	3.584	3.265	3.101	2.63	2.248	2.066	1.675	1.475
4.237	3.753	3.577	3.218	3.025	2.922	2.5	2.405	1.886	1.502
3.996	3.868	3.533	3.247	3.179	2.883	2.598	2.5	2.5	2.5
4.264	4.161	3.587	3.315	3.307	3.064	2.919	2.919	2.427	2.051
4.028	3.461	3.351	3.202	2.882	2.712	2.417	1.897	1.386	1.029
4.148	3.785	3.457	3.37	2.947	2.834	2.753	2.359	2	1.557
3.761	3.232	2.879	2.394	1.618	1.486	1	0.712	0.045	-0.232
4.037	4.009	3.728	3.578	3.471	3.38	3.174	3.062	2.811	2.5
3.741	3.464	3.366	3.154	2.966	2.404	2.125	1.618	1.296	1.151
4.545	3.727	3.389	3.103	2.697	2.512	2.13	1.699	1.496	0.869
4.133	3.9	3.639	3.501	3.222	3.048	2.914	2.611	2.5	2.194

4.045	3.331	2.971	2.867	2.736	2.694	2.233	1.877	1.469	1.102
4.583	3.824	3.623	3.311	3.221	2.944	2.369	2.127	1.837	1.498
4.938	4.564	4.443	4.386	4.318	3.96	3.6	3.522	3.495	3.392
4.285	3.976	3.835	3.184	2.841	2.591	2.5	2.338	2.114	1.184
4.444	3.984	3.736	3.605	3.365	3.115	2.875	2.781	2.6	2.5
4.05	3.462	3.37	2.918	2.618	2.214	1.877	1.591	1.097	1
4.709	3.962	3.68	3.322	3.252	3.056	2.691	2.289	2.192	1.632
4.567	4.347	4.002	3.94	3.799	3.537	3.25	3.16	2.953	2.879
4.218	3.811	3.498	3.226	2.935	2.712	2.259	2.154	2	1.411
4.484	4.46	4.102	4.081	3.935	3.545	3.355	3.304	3.134	3.086
4.572	4.099	4.094	4.019	3.93	3.68	3.537	3.304	3.272	3.137
3.647	3.411	3.256	3.066	2.5	1.891	1.444	1.152	0.641	0.5
3.888	3.314	2.837	2.566	2.519	1.872	1.641	1.132	0.658	0.369
4.301	4.282	4.186	4.164	4.054	4.007	3.918	3.814	3.7	3.612
4.38	4.2	4.152	3.785	3.649	3.541	3.481	3.193	3.047	3.043
4.218	3.811	3.498	3.226	2.935	2.712	2.259	2.154	2	1.411
4.29	3.845	3.652	3.435	3.114	3.049	2.994	2.726	2.076	2
4.823	4.409	4.264	4.184	4.1	4.079	3.812	3.603	3.5	3.462
4.234	3.976	3.83	3.713	3.524	3.488	3.259	2.964	2.573	2.502
4.292	4.083	3.896	3.292	2.998	2.807	2.606	2.221	2.205	1.168
4.149	3.99	3.89	3.824	3.658	3.379	3.12	2.895	2.726	2.553
4.29	3.878	3.681	3.434	3.226	3.021	2.763	2.706	2.031	2

EEig12x	EEig13x	EEig14x	EEig15x	EEig01d	EEig02d	EEig03d	EEig04d	EEig05d	EEig06d
1.09	0.891	0.657	0.5	3.437	3.152	2.797	2.5	1.954	1.825
0.787	0.667	0.528	0.407	3.611	3.573	2.939	2.666	2.409	2.264
1.284	0.75	0.683	0.509	3.469	3.055	2.88	2.406	2.232	1.941
0	0	-0.059	-0.5	3.169	2.714	2.351	2.123	1.627	1.211
1.286	1.188	1	0.697	5.252	3.605	3.113	3.009	2.703	1.909
0.901	0.616	0.549	0.336	3.274	2.763	2.6	2.349	1.687	1.513
0.856	0.692	0.278	-0.03	3.596	3.18	2.654	2.555	2.137	1.924
2.5	2.358	2.266	1.833	4.483	4.439	3.641	3.569	3.191	2.931
0.591	0.5	0.214	-0.11	3.345	2.899	2.071	1.81	1.615	1.479
1.51	0.676	0.5	0.411	3.914	3.042	2.817	2.187	2.009	1.568
0.688	0.646	0.5	0.135	3.631	3.22	2.846	2.461	2.042	1.426
2.338	2.208	2.101	1.62	3.945	3.542	3.406	3.017	2.599	2.578
1.256	0.764	0.629	0.42	3.795	3.438	3.263	3.171	2.625	2.342
1.087	0.849	0.64	0.5	4.069	3.06	2.912	2.295	2.062	1.683
0.829	0.708	0.601	0.339	3.444	2.953	2.638	2.582	2.449	1.578
1	0.999	0.699	0.621	3.783	3.63	3.312	2.884	2.416	1.911
-0.301	-0.474	-0.5	-0.898	3.393	2.995	2.623	1.693	1.342	1.132
1.205	0.899	0.71	0.615	3.457	3.05	2.833	2.617	2.543	2.014
2.976	2.931	2.865	2.607	3.878	3.814	3.733	3.657	3.516	3.422
2.5	2.219	1.989	1.761	4.34	3.234	3.078	2.882	2.562	2.361
1.199	0.864	0.646	0.548	3.399	2.993	2.819	2.571	2.13	1.712
0.708	0.663	0.5	0.14	3.771	3.224	2.881	2.619	2.092	1.569
1.908	1.486	1.355	1.123	3.793	3.184	3.017	2.581	2.549	2.283
0.901	0.616	0.549	0.336	3.328	2.786	2.616	2.476	1.754	1.528
1.018	0.882	0.575	0.251	3.359	3.001	2.311	1.943	1.676	1.618
1.069	0.764	0.497	0.277	3.787	3.424	3.263	2.952	2.616	2.003
1.121	0.973	0.715	0.527	4.154	4.054	2.916	2.775	2.571	2.266
0.941	0.624	0.511	0.438	3.635	3.623	3.129	2.585	2.364	2.002
0.956	0.537	0.388	0	4.066	3.097	2.911	2.735	2.37	2.28
1.734	1.234	0.995	0.675	3.555	2.922	2.855	2.41	2.3	2.221
0.802	0.616	0.549	0.318	3.428	2.789	2.585	2.451	1.631	1.519
-0.109	-0.205	-0.5	-0.655	4.239	3.188	2.676	1.674	1.595	1.291
1.111	0.704	0.66	0.5	3.55	3.146	2.752	2.629	2.434	1.651
2.896	2.759	2.584	2.5	3.887	3.633	3.563	3.223	3.026	2.823
0.74	0.7	0.627	0.182	3.797	3.327	3.011	2.716	2.51	2.002
1.529	1.195	0.973	0.863	3.817	3.613	3.416	2.773	2.703	2.386
0.909	0.702	0.591	0.571	4.054	3.123	2.658	1.902	1.8	1.391
-0.556	-0.846	-0.898	0	3.622	3.578	3.255	1.691	1.501	1.052
1.466	1.071	0.996	0.503	4.304	3.997	3.403	3.322	2.769	2.606
0.541	0.203	-0.161	-0.181	3.614	3.14	2.784	2.711	1.789	1.56
0.066	0	0	-0.127	2.971	2.725	2.544	2.282	2.063	1.291
-0.5	-0.827	0	0	3.251	2.433	2.147	1.776	1.161	0.452
0.708	0.623	0.529	0.214	3.57	2.889	2.852	2.482	1.756	1.625
1.514	1.305	1.035	0.627	4.306	3.403	3.074	2.878	2.628	2.534
1.751	1.278	1.108	1	3.946	3.778	3.667	3.24	2.75	2.48
1	0.716	0.687	0.572	3.783	3.627	3.185	2.599	2.044	1.911
0.688	0.646	0.5	0.135	3.631	3.224	2.874	2.472	2.042	1.427
1.001	0.746	0.545	0.488	3.467	2.958	2.817	2.637	2.138	1.994
0.61	0.535	0.469	0.329	3.806	3.578	2.925	2.684	1.884	1.56

0.103	0	0	-0.061	3.213	2.731	2.402	2.247	1.794	1.492
1.618	1.393	0.673	0.62	4.316	3.154	2.978	2.547	2.312	1.908
1.425	0.947	0.707	0.347	4.339	3.664	3.339	2.899	2.671	2.487
2.997	2.938	2.926	2.61	3.867	3.814	3.726	3.656	3.515	3.423
2.104	2	1.98	1.569	3.871	3.306	3.249	2.932	2.823	2.721
0.306	0	0	-0.056	3.533	2.952	2.654	2.406	2.257	1.278
1.529	1.195	0.973	0.863	3.817	3.613	3.428	2.831	2.729	2.483
1.465	1.044	0.835	0.494	4.304	3.964	3.403	3.321	2.738	2.405
1.466	1.201	0.839	0.704	4.321	4.068	3.594	3.324	3.258	2.576
0.724	0.591	0.332	0.208	4.606	3.221	3.101	2.57	1.788	1.729
0.639	0.591	0.218	0.117	4.606	3.221	3.161	2.817	1.788	1.711
-0.5	-0.819	0	0	3.762	2.79	2.199	1.968	1.251	0.672
2	1.41	1.275	1.141	4.592	3.361	3.221	2.833	2.385	2.252
0.542	0.4	-0.019	-0.317	3.57	3.508	2.919	2.233	1.892	1.548
1.201	0.77	0.614	0.5	3.487	3.092	2.618	2.234	1.875	1.625
1.513	1.473	1.168	1.023	3.684	3.428	2.795	2.752	2.398	2.145
0	-0.331	-0.363	-0.5	4.437	3.041	2.558	1.978	1.52	0.718
0	-0.18	-0.351	-0.466	3.773	3.254	2.673	2.166	2.055	1.313
0.555	0.35	0.154	-0.357	3.7	3.056	2.795	2.23	1.674	1.298
0.59	0.258	0.045	0	3.786	3.108	2.82	2.147	1.672	1.558
1.53	1.38	0.973	0.863	4.039	3.613	3.438	2.787	2.718	2.616
2	1.995	1.062	1.048	3.889	3.421	3.104	2.706	2.451	2.107
1	0.87	0.658	0.361	4.662	3.596	3.11	2.824	1.811	1.779
1.168	1	0.599	0.5	3.562	3.244	2.942	2.598	2.529	2.339
-0.303	-0.497	-0.684	-0.864	4.358	3.714	3.343	2.579	1.684	1.024
1.765	0.88	0.587	0.538	3.73	3.216	2.839	2.787	2.163	1.924
0.941	0.687	0.5	0.421	3.435	3.152	2.733	2.337	1.954	1.825
0.431	0.382	0.208	0	4.448	4.167	3.827	3.366	2.757	2.313
0.805	0.616	0.551	0.498	3.435	2.789	2.707	2.454	1.942	1.585
0.702	0.653	0.635	0.569	3.713	3.294	2.913	2.486	1.96	1.758
2.185	2.155	1.618	1.245	4.414	3.963	3.225	2.591	2.361	1.96
0.425	0.125	-0.093	-0.5	3.471	2.778	2.424	1.971	1.568	1.445
1.115	0.797	0.625	0.5	3.851	3.576	3.116	2.985	2.454	1.897
2.037	2	1.851	1.482	3.961	3.731	3.698	3.643	2.832	2.757
1.107	1	0.678	0.592	4.072	3.706	3.179	2.787	2.509	1.918
2	1.956	1.591	1.042	3.69	3.292	3.231	2.852	2.641	2.514
0.777	0.626	0.439	0.121	3.681	3.18	2.755	2.566	2.252	2.034
-0.089	-0.377	-0.5	-0.758	4.479	3.056	2.05	1.546	1.221	0.848
2.935	2.83	2.583	2.426	4.488	3.945	3.746	3.574	3.53	3.171
1.56	1.242	0.987	0.806	3.782	3.514	3.11	2.547	2.499	2.306
1.073	0.672	0.278	0.089	4.1	3.158	3.034	2.749	2.473	2.232
1.485	1.263	1.222	1	4.285	3.378	3.009	2.795	2.613	2.481
1.547	1.146	0.776	0.535	3.324	3.225	2.874	2.762	2.236	1.992
0.968	0.616	0.608	0.337	3.198	2.639	2.593	2.188	1.622	1.479
2.831	2.653	2.365	1.692	4.136	3.864	3.506	3.407	3.32	2.951
0.53	0.5	0.148	0	4.46	4.006	2.89	2.234	2.163	1.659
2	1.627	1.208	0.912	3.77	3.397	2.993	2.825	2.574	2.289
0	-0.227	-0.5	-0.605	3.765	3.652	2.675	1.987	1.739	1.156
0.799	0.442	0.066	0	4.25	3.687	2.998	2.728	2.625	2.241
2.08	2	1.977	1.412	3.841	3.306	3.031	2.931	2.822	2.711



0.796	0.65	0.454	0.051	3.387	3.077	2.555	2.537	2.182	1.949
0.651	0.5	0.5	0.258	4.46	3.307	2.67	2.074	1.905	1.686
0.733	0.645	0.349	0.331	4.606	3.246	3.124	2.803	2.569	1.762
1.938	1.807	1.594	1.445	4.443	3.436	3.209	3.145	2.763	2.483
2.62	2.525	2.5	2.5	3.87	3.821	3.739	3.673	3.572	3.508
-0.431	-0.5	-0.756	-0.81	3.745	2.857	2.588	1.746	1.29	1
2.5	2.214	2	1.941	3.309	2.952	2.929	2.856	2.59	2.568
0.306	0	0	-0.056	3.559	2.956	2.668	2.46	2.269	1.297
-0.33	-0.475	-0.664	-0.945	3.975	3.4	2.928	2.205	1.663	1.19
1.782	1.454	1.012	0.746	3.623	3.555	2.922	2.852	2.367	2.26
1.065	0.674	0.429	0.273	3.161	2.834	2.78	2.444	1.905	1.545
1.121	0.973	0.715	0.527	4.154	4.054	2.916	2.775	2.571	2.266
3.027	2.729	2.482	2.293	3.951	3.844	3.783	3.761	3.603	3.436
2.805	2.64	2.365	1.69	4.109	3.862	3.501	3.407	3.319	2.95
0.73	0.616	0.547	0.295	3.427	2.789	2.471	1.877	1.608	1.519
1.593	1.444	1.129	0.513	4.394	4.286	3.464	3.337	3.081	2.49
0.5	0.5	0.315	0	3.502	2.595	2.361	2.03	1.588	1.38
2.247	2.093	2	2	3.427	3.138	3.02	2.986	2.502	1.954
2	1.963	1.788	1.253	3.821	3.781	3.002	2.903	2.807	2.68
0	0	0	0	4.083	3.401	2.596	0.871	0.579	0.366
0.862	0.688	0.661	0.17	3.77	3.665	3.12	2.906	2.527	1.989
1.16	0.887	0.675	0.334	4.177	3.571	3.16	2.899	2.566	2.234
1.278	1.114	0.841	0.675	3.777	3.626	3.194	2.906	2.773	2.191
2.925	2.814	2.726	2.555	4.131	3.861	3.208	3.115	3.012	2.871
2.5	2.375	2.118	2	4.131	3.67	3.126	3.105	2.885	2.683
-0.054	-0.168	-0.228	-0.5	3.433	2.918	2.384	2.093	1.736	1.375
2.454	2.374	1.571	1.497	3.777	3.592	3.521	3.176	3.038	2.529
0.194	0	-0.173	-0.5	3.89	2.916	2.416	1.717	1.461	1.379
2.269	1.754	1.572	1.39	3.851	3.407	3.037	2.669	2.49	2.379
1.489	1.269	0.858	0.507	4.339	3.667	3.323	2.923	2.603	2.557
2.5	2.442	2.097	1.498	3.941	3.778	3.653	3.224	2.944	2.749
1.26	1.181	1	0.718	3.964	3.78	3.648	3.21	2.76	2.388
1.267	1.107	1	0.728	3.941	3.778	3.652	3.223	2.749	2.391
0.845	0.616	0.548	0.304	3.274	2.763	2.39	1.95	1.595	1.513
2.872	2.738	2.539	2.179	3.877	3.695	3.54	3.336	3.151	3.012
2.255	2.015	1.258	1	4.379	3.614	3.298	2.922	2.88	2.672
1	0.762	0.538	0.5	3.884	3.746	2.876	2.726	2.425	2.119
-0.5	-0.582	-0.855	0	3.121	2.671	2.118	1.556	1.042	1
0.72	0.675	0.438	-0.011	3.524	3.29	2.898	2.201	2.121	1.659
2.417	1.305	1.195	1	4.686	3.613	2.805	2.64	2.569	2.319
0.116	-0.222	-0.5	-0.5	3.333	2.662	2.246	1.571	1.439	1.35
0.798	0.415	0.172	-0.141	3.869	3.631	3.435	2.535	2.156	1.859
1.985	1.183	0.959	0.848	3.882	3.184	2.881	2.783	2.665	2.283
0.5	0.199	0	0	3.704	2.882	2.659	2.419	1.628	1.274
3.293	3.212	3.184	3.055	4.418	4.362	3.934	3.709	3.546	3.537
3.218	3.21	3.181	3.053	4.413	3.948	3.924	3.703	3.537	3.393
-1	-1	0	0	3.459	2.54	2	2	0	0
0.616	0.532	0.332	-0.107	3.741	3.008	2.67	2.067	1.541	1.414
1.644	1.595	1.384	1.048	3.621	3.529	3.492	3.124	2.711	2.558
3.018	2.726	2.463	2.291	3.948	3.843	3.773	3.723	3.595	3.418

2.968	2.58	2.24	2.162	3.959	3.633	3.504	3.338	3.238	3.122
1.278	1.115	1.041	0.647	3.802	3.6	2.906	2.884	2.77	1.977
2.564	2.5	2.153	2	3.197	3.106	2.97	2.863	2.648	2.543
2.906	2.788	2.759	2.5	3.818	3.748	3.413	3.188	2.997	2.837
0	0	0	0	3.276	2.663	1.908	1.296	0.96	0.86
1.514	1.305	1.035	0.627	4.339	3.667	3.323	2.954	2.673	2.59
2.621	2.5	2.428	2.285	4.417	3.816	3.617	3.196	3.063	2.953
3.313	3.286	3.213	3.072	4.37	4.08	3.954	3.89	3.688	3.632
0.632	0.567	0.13	0	4.502	3.163	2.599	2.413	2.047	1.324
2.5	2.5	2.191	2	4.106	3.541	3.128	2.84	2.361	2.157
1.05	0.804	0.593	0.5	3.734	3.275	2.729	2.514	2.222	2.058
2.5	2.181	2.009	1.618	4.726	3.685	3.041	2.813	2.695	2.517
1.954	1.618	1.263	1	3.978	3.364	3.22	3.139	2.736	1.996
0.5	0.5	0	-0.039	3.354	2.895	2.556	2.278	1.618	1.126
-0.005	-0.144	-0.326	-0.51	4.253	3.92	3.03	2.942	2.348	1.416
3.027	2.894	2.879	2.879	4.138	3.644	3.574	3.531	3.437	3.295
1.84	1.613	1.329	0.968	4.667	3.856	3.599	3.424	2.835	2.616
2.085	1.8	1.056	1	5.246	3.232	3.011	2.853	2.51	2.085
0.045	-0.232	-0.5	-0.537	3.634	3.079	2.68	2.147	1.558	0.955
2.5	2.484	2.122	2	4.332	3.802	3.188	2.905	2.76	2.361
-0.431	-0.5	-0.756	-0.81	3.745	2.857	2.588	1.746	1.29	1
2	1.89	1.516	1.187	3.696	3.306	3.105	2.778	2.359	2.234
0.49	0	0	-0.005	3.176	2.73	2.4	2.223	1.618	1.39
2.896	2.762	2.657	2.53	3.806	3.664	3.615	3.07	3.034	2.823
3.023	2.874	2.78	2.621	3.816	3.792	3.531	3.484	3.196	3.036
3.266	3.187	3.181	3.054	4.415	4.362	3.931	3.701	3.537	3.532
0.719	0.5	0.5	0.485	4.397	3.428	3.058	2.361	1.893	1.38
1.603	0.981	0.89	0.633	3.488	3.153	2.855	2.602	2.355	1.816
1.545	1.06	0.92	0.645	3.513	3.156	2.837	2.625	2.29	2.026
0.724	0.591	0.332	0.208	4.606	3.221	3.101	2.57	1.788	1.729
1.402	0.949	0.73	0.558	4.799	4.271	3.275	2.978	2.645	2.171
0.789	0.5	0.033	-0.126	3.684	3.299	2.656	2.293	2.095	1.854
0.802	0.616	0.549	0.318	3.428	2.789	2.585	2.451	1.631	1.519
1.461	1.037	0.826	0.481	4.303	3.875	3.473	3.35	2.729	2.4
2.5	2.42	1.869	1.497	3.941	3.778	3.653	3.223	2.76	2.749
1.148	1	0.783	0.573	4.755	3.631	2.852	2.594	2.478	1.66
1.524	0.88	0.764	0.708	4.799	3.353	3.072	2.843	2.515	2.222
2.5	2.484	2.122	2	4.332	3.802	3.188	2.905	2.76	2.361
1.229	1	0.592	0.497	3.812	3.552	3.306	3.015	2.724	2.475
0.847	0.707	0.44	0.347	3.91	3.821	3.454	3.308	2.453	2.152
1.094	0.77	0.729	0.568	3.644	3.584	2.983	2.267	2.152	1.774
2.162	1.804	1.194	0.963	3.265	2.892	2.609	2.542	2.194	1.922
1.938	1.807	1.594	1.445	4.443	3.436	3.209	3.145	2.763	2.483
0.733	0.645	0.349	0.331	4.606	3.246	3.124	2.803	2.569	1.762
1.205	0.899	0.71	0.615	3.457	3.05	2.833	2.617	2.543	2.014
-0.393	-0.5	-0.618	-0.759	3.41	2.966	2.623	1.746	1.352	1.065
2.5	2.214	2	1.941	3.309	2.952	2.929	2.856	2.59	2.568
1.065	0.674	0.429	0.273	3.161	2.834	2.78	2.444	1.905	1.545
0.798	0.415	0.172	-0.141	3.869	3.631	3.435	2.535	2.156	1.859
1.84	1.613	1.329	0.968	4.667	3.856	3.599	3.424	2.835	2.616

0.73	0.616	0.547	0.295	3.427	2.789	2.471	1.877	1.608	1.519
1.449	0.885	0.786	0.48	3.947	3.843	3.473	3.344	2.626	2.326
3.266	3.187	3.181	3.054	4.415	4.362	3.931	3.701	3.537	3.532
1.059	1	0.5	0.472	4.756	3.631	2.853	2.601	2.48	1.574
2.5	2.5	2.191	2	4.106	3.541	3.128	2.84	2.361	2.157
0.799	0.442	0.066	0	4.25	3.687	2.998	2.728	2.625	2.241
1.465	1.044	0.835	0.494	4.304	3.964	3.403	3.321	2.738	2.405
2.831	2.653	2.365	1.692	4.136	3.864	3.506	3.407	3.32	2.951
1.069	0.764	0.497	0.277	3.787	3.424	3.263	2.952	2.616	2.003
3.018	2.726	2.463	2.291	3.948	3.843	3.773	3.723	3.595	3.418
3.027	2.894	2.879	2.879	4.138	3.644	3.574	3.531	3.437	3.295
0.306	0	0	-0.056	3.559	2.956	2.668	2.46	2.269	1.297
-0.006	-0.166	-0.325	-0.39	4.253	3.927	3.023	2.929	2.352	1.416
3.499	3.342	3.234	3.192	4.039	3.968	3.96	3.895	3.86	3.793
2.965	2.601	2.246	2.167	3.965	3.633	3.523	3.353	3.238	3.069
1.069	0.764	0.497	0.277	3.787	3.424	3.263	2.952	2.616	2.003
1.408	1.16	0.745	0.651	3.814	3.554	3.303	3.093	2.779	2.563
3.313	3.286	3.213	3.072	4.37	4.08	3.954	3.89	3.688	3.632
2.5	2.357	1.57	1.317	3.777	3.592	3.521	3.17	3.041	2.542
1.022	1	0.781	0.571	4.755	3.632	2.871	2.757	2.542	2.035
2.5	2.375	2.118	2	4.131	3.67	3.126	3.105	2.885	2.683
1.493	1.14	0.963	0.672	3.819	3.551	3.302	3.143	2.787	2.493

EEig07d	EEig08d	EEig09d	EEig10d	EEig11d	EEig12d	EEig13d	EEig14d	EEig15d	EEig01r
1.407	1.314	1.131	1	0.75	0.312	-0.043	-0.569	-0.756	4.108
1.502	1.353	1.174	0.782	0.58	0.345	0.144	-0.185	-0.643	3.999
1.338	1.256	1	0.998	0.596	0.3	-0.043	-0.612	-0.68	4.249
1.084	0.749	0.167	-0.405	-0.667	-0.872	-1	-1.064	-1.356	3.817
1.785	1.552	1.312	0.944	0.839	0.416	0.33	-0.138	-0.375	4.32
1.482	1.301	0.789	0.516	0.069	-0.067	-0.6	-0.788	-0.811	4.188
1.603	1.253	0.714	0.492	0.068	-0.133	-0.441	-0.666	-0.94	4.371
2.873	2.569	2.286	2.195	1.7	1.634	1.324	1.081	1	4.288
1.15	1	0.566	0.226	-0.29	-0.623	-0.753	-1	-1.202	3.885
1.417	1.197	1.077	1	0.738	0.618	-0.343	-0.462	-0.503	4.581
1.328	1	0.882	0.607	0.102	-0.233	-0.685	-0.909	-1	4.117
2.214	2.035	1.866	1.706	1.51	1.375	1.254	1.014	0.899	4.346
1.883	1.827	1.371	1.171	1.146	0.553	0.385	-0.177	-0.336	4.304
1.414	1.195	1.059	1	1	0.404	0.062	-0.427	-0.6	4.524
1.378	1.33	0.93	0.675	0.403	-0.098	-0.151	-0.6	-0.761	4.159
1.663	1.422	1.318	1	0.842	0.496	0.292	-0.099	-0.568	4.169
1.043	0.173	-0.169	-0.912	-1.055	-1.235	-1.358	-1.644	-2	3.902
1.501	1.399	1.146	1.059	0.672	0.15	0.063	-0.155	-0.6	4.138
2.942	2.816	2.732	2.454	2.35	2.042	2.011	1.898	1.827	3.944
2.019	1.882	1.61	1.52	1.38	1	1	0.975	0.789	4.788
1.514	1.387	1.208	0.825	0.567	0.197	-0.004	-0.456	-0.637	4.262
1.366	1.186	1	0.708	0.359	-0.193	-0.612	-0.749	-0.915	4.189
2.194	1.823	1.511	1.284	1.077	1.012	1	0.515	0.4	4.227
1.485	1.302	0.962	0.625	0.104	-0.029	-0.6	-0.623	-0.809	4.177
1.28	1.092	0.855	0.618	0.468	-0.026	-0.593	-0.618	-0.822	4.033
1.88	1.44	1.285	1.146	0.702	0.47	0.236	-0.274	-0.567	4.257
1.906	1.795	1.255	1	0.949	0.42	0.143	-0.06	-0.425	4.628
1.692	1.37	1.223	0.854	0.483	0.427	0.209	-0.201	-0.405	4.019
1.759	1.165	1.009	0.667	0.363	0.176	-0.209	-0.409	-0.573	4.712
1.554	1.507	1.146	1	1	0.877	0.716	0.273	0	4.113
1.343	1.325	0.801	0.577	0.108	-0.146	-0.6	-0.76	-0.78	4.149
0.886	0.69	0.357	-0.36	-0.736	-0.89	-1.149	-1.291	-1.495	4.607
1.562	1.333	1	0.933	0.484	0.378	0.051	-0.411	-0.615	4.005
2.589	2.565	2.191	2.147	1.981	1.931	1.656	1.625	1.502	4.116
1.624	1.326	1.032	0.806	0.379	0.193	-0.221	-0.413	-0.766	4.178
2.258	2.197	1.939	1.691	0.886	0.741	0.638	0.327	0.131	4.233
1.345	1.266	1.068	0.833	0.167	-0.158	-0.254	-0.594	-0.799	4.73
0.312	0.224	-0.482	-0.52	-0.652	-1.252	-1.541	-1.747	0	4.253
2.269	2.101	1.425	1.324	1.119	0.831	0.321	0.07	-0.126	4.946
1.459	0.744	0.666	0.522	-0.104	-0.336	-0.442	-0.835	-1.147	4.042
1	0.792	0.665	0.086	-0.437	-0.674	-1	-1	-1.03	3.64
-0.11	-0.75	-0.841	-1.2	-1.357	-1.482	-2	0	0	3.934
1.379	1.207	1.068	0.39	0.229	-0.225	-0.505	-0.755	-0.826	4.224
2.356	1.895	1.558	1.069	0.818	0.499	0.486	0.167	-0.379	5.047
2.349	2.261	2.144	1.633	1.564	1.157	1	0.892	0.578	4.349
1.422	1.324	1	1	0.833	0.427	-0.071	-0.539	-0.73	4.139
1.328	1	0.887	0.618	0.112	-0.227	-0.685	-0.908	-1	4.123
1.485	1.329	1.146	0.949	0.313	0.044	-0.249	-0.376	-0.6	4.146
1.359	1.292	0.788	0.556	0.049	-0.135	-0.7	-0.796	-0.919	4.253

1.086	0.757	0.654	0.009	-0.522	-0.679	-0.959	-1	-1.064	3.786
1.866	1.347	1.107	1	1	0.997	0.744	0.054	-0.193	4.627
2.084	1.724	1.249	1.127	0.829	0.697	0.236	-0.019	-0.25	5.047
3.065	2.816	2.733	2.454	2.382	2.188	2.042	2.011	1.897	3.919
2.339	2.118	1.799	1.546	1.487	1.264	1.077	0.838	0.675	4.192
1	0.78	0.641	0.181	-0.308	-0.658	-0.966	-1	-1	3.658
2.271	2.232	1.939	1.703	0.888	0.741	0.638	0.347	0.238	4.231
2.103	2.074	1.425	1.297	1.01	0.659	0.301	-0.049	-0.126	4.945
2.173	2.11	1.434	1.425	1.079	0.769	0.633	0.2	0.03	4.946
1.348	1.326	0.824	0.568	0.49	-0.197	-0.6	-0.707	-0.865	4.155
1.348	1.345	0.843	0.588	0.49	-0.426	-0.6	-0.707	-1.056	4.166
-0.239	-0.385	-0.6	-1.019	-1.226	-1.452	-2	0	0	3.698
1.88	1.688	1.528	1.447	1.146	1.067	0.767	0.71	0.55	4.115
1.488	1.002	0.993	0.744	0.247	-0.452	-0.686	-0.755	-1.054	4.247
1.541	1.44	1.257	1.017	1	0.318	-0.167	-0.308	-0.613	4
2.124	1.461	1.386	1.338	1.296	0.78	0.225	0.137	-0.067	4.332
0.51	0.51	0.267	-0.374	-0.664	-0.956	-1.285	-1.713	-1.897	3.97
0.766	0.672	0.373	-0.363	-0.6	-0.661	-0.926	-1.179	-1.216	3.914
1.236	0.952	0.609	0.442	-0.211	-0.287	-0.772	-0.845	-1.214	4.086
1.432	1.065	0.928	0.212	-0.11	-0.111	-0.516	-0.9	-0.999	4.03
2.333	2.258	2.183	1.692	0.887	0.741	0.638	0.425	0.146	4.357
1.921	1.773	1.486	1.379	1.077	1	0.815	0.729	0.168	4.236
1.402	1.312	1.058	0.942	0.415	0.301	-0.142	-0.473	-0.804	4.258
1.519	1.307	1	1	0.894	0.649	0.321	-0.184	-0.611	4.072
0.868	0.694	0.393	-0.551	-0.634	-0.647	-1.391	-1.523	-1.529	4.691
1.517	1.326	1.246	1.203	1	0.489	0.455	0.022	-0.332	4.11
1.402	1.313	1	0.765	0.475	-0.001	-0.426	-0.67	-0.862	4.105
1.558	1.488	1.275	0.363	0.05	-0.165	-0.358	-0.6	-0.903	4.672
1.519	1.343	0.888	0.645	0.108	-0.123	-0.433	-0.6	-0.76	4.157
1.545	1.303	1.116	0.785	0.545	-0.005	-0.322	-0.595	-0.813	4.132
1.908	1.872	1.38	1.23	1.106	1	1	0.781	0.744	4.631
1.205	0.725	0.035	-0.404	-0.677	-0.81	-1.073	-1.319	-1.503	4.251
1.588	1.343	1.104	1	0.847	0.66	0.26	-0.159	-0.307	4.268
2.54	2.452	1.904	1.808	1.542	1.365	1.124	1.024	1	4.179
1.553	1.498	1.198	1.096	0.754	0.442	0.018	-0.18	-0.483	4.173
2.094	1.641	1.573	1.544	1.146	1.099	0.793	0.634	0.507	4.099
1.491	1.307	0.939	0.592	0.475	0.102	-0.436	-0.6	-0.715	4.084
0.504	-0.493	-0.843	-1	-1	-1.173	-1.684	-1.882	-2	4.149
3.018	2.677	2.653	2.248	2.218	2.197	1.89	1.859	1.61	4.831
2.08	1.893	1.346	1.243	1.142	0.66	0.42	-0.044	-0.077	4.37
1.876	1.569	1.095	0.703	0.524	0.189	-0.181	-0.518	-0.664	4.842
2.323	1.892	1.512	1.096	0.928	0.645	0.568	0.394	0	5.047
1.831	1.673	1.329	1.095	1	0.758	0.442	-0.041	-0.353	4.017
1.414	1.289	0.764	0.498	-0.067	-0.184	-0.6	-0.82	-0.838	4.188
2.838	2.743	2.588	2.324	2.172	2.01	1.891	1.425	1.338	4.553
1.589	1.186	1	0.543	0.51	0.51	0.364	-0.184	-0.257	4.175
1.955	1.796	1.52	1.392	1.208	0.835	0.578	0.336	0.2	4.264
0.669	-0.348	-0.6	-0.6	-0.6	-0.645	-1.019	-1.316	-1.595	4.24
1.725	1.239	1	0.76	0.698	0.053	0.003	-0.6	-0.611	3.75
2.337	1.803	1.591	1.521	1.433	1.263	1.077	0.696	0.584	4.156

1.549	1.029	0.916	0.626	0.16	-0.305	-0.314	-0.339	-0.886	4.024
1.196	1	1	0.567	0.51	0.51	0.13	-0.433	-0.648	4.171
1.48	1.332	1.044	0.722	0.541	0.032	-0.2	-0.6	-0.707	4.165
2.196	2.175	1.971	1.49	1.234	1.127	1.008	0.936	0.933	4.583
2.817	2.733	2.457	2.383	2.138	2.039	2.011	1.895	1.79	3.919
0.667	0.072	-0.674	-0.853	-1	-1.363	-1.628	-1.767	-2	4.172
2.456	2.06	1.719	1.382	1.218	1.077	1.027	1	1	4.145
1	0.803	0.688	0.109	-0.332	-0.655	-0.911	-1	-1	3.677
1.031	-0.116	-0.446	-0.689	-1.025	-1.217	-1.64	-1.773	-1.886	4.289
2.15	1.531	1.146	1.062	1	1	0.823	0.49	0.27	4.113
1.232	0.972	0.744	0.383	0.243	-0.029	-0.525	-0.686	-0.781	4.039
1.906	1.795	1.255	1	0.949	0.42	0.143	-0.06	-0.425	4.628
3.165	2.852	2.779	2.509	2.442	2.401	2.124	1.922	1.804	4.503
2.829	2.71	2.588	2.32	2.172	2.01	1.891	1.338	1.128	4.55
1.343	1.17	0.761	0.484	0.108	-0.2	-0.76	-0.771	-0.902	4.149
2.324	2.078	1.753	1.425	1.361	0.894	0.774	0.336	-0.126	5.059
1	1	0.798	0.045	-0.529	-0.6	-0.634	-1	-1	3.979
1.878	1.738	1.672	1.672	1.579	1.313	1.22	1.148	1.077	4.238
2.374	2.185	1.678	1.525	1.359	1.077	1.045	0.86	0.556	4.211
-0.703	-1.254	-1.346	-1.635	0	0	0	0	0	4.46
1.808	1.491	1.287	1.155	0.47	0.246	0.034	-0.263	-0.673	4.267
1.925	1.712	1.244	1.097	0.728	0.539	0.108	-0.133	-0.407	4.844
2.053	1.923	1.161	1.118	1	0.751	0.49	0.414	-0.111	4.363
2.767	2.68	2.607	2.552	2.412	2.013	1.818	1.65	1.53	4.546
2.61	2.418	2.273	1.712	1.609	1.461	1.259	1.146	1.142	4.546
0.863	0.119	-0.17	-0.314	-0.899	-1.159	-1.197	-1.392	-1.872	4.084
2.197	2.149	2.064	1.979	1.359	1.104	1.058	1	0.548	4.026
1.162	1	0.747	-0.209	-0.565	-0.776	-0.902	-1	-1.368	4.104
2.119	2.078	1.72	1.544	1.543	1.467	1.098	0.993	0.582	4.464
1.997	1.673	1.568	1.181	0.961	0.654	0.437	0.001	-0.201	5.048
2.406	2.366	2.148	1.791	1.565	1.489	1.461	1.157	1	4.348
2.125	1.461	1.461	1.359	1.283	1	0.866	0.244	-0.009	4.375
2.149	1.81	1.565	1.461	1.157	1	0.874	0.303	0.078	4.348
1.301	1.297	0.772	0.448	0.069	-0.152	-0.785	-0.811	-0.928	4.188
2.751	2.555	2.475	2.247	2.12	2.067	2.024	1.776	1.553	4.34
2.601	2.346	1.892	1.333	1.151	1	0.814	0.732	0.398	4.309
1.848	1.346	1	0.912	0.662	0.33	0.293	-0.387	-0.592	4.388
0.003	-0.303	-0.941	-1	-1	-1.27	-1.637	-2	0	3.737
1.324	1.139	0.817	0.612	0.059	-0.196	-0.429	-0.797	-0.968	4.197
1.745	1.447	1.346	1	1	0.888	0.517	0.397	0.146	4.31
0.916	0.121	-0.404	-0.625	-0.826	-1.1	-1.381	-1.728	-1.814	4.185
1.604	1.149	0.972	0.615	0.07	-0.064	-0.354	-0.565	-0.931	4.701
1.72	1.658	1.429	1.2	1.146	1.061	0.34	0.21	0.148	4.105
1	1	0.86	-0.055	-0.079	-0.512	-0.6	-1	-1	4.454
3.311	3.15	3.112	2.895	2.742	2.691	2.612	2.305	2.248	5.082
3.254	3.098	3.038	2.753	2.613	2.541	2.498	2.347	2.037	5.08
-0.32	-1	-1	-1.28	-2	-2	-2	0	0	4.38
1.331	0.806	0.543	0.03	-0.126	-0.802	-0.804	-0.932	-1.414	4.202
2.416	2.148	1.951	1.247	1.166	1.036	0.836	0.778	0.463	4.321
3.157	2.836	2.777	2.499	2.439	2.398	2.106	1.904	1.782	4.499

2.945	2.597	2.555	2.503	2.353	2.059	1.927	1.772	1.76	4.442
1.868	1.417	1.077	1	1	0.65	0.439	0.386	0.066	4.41
2.327	1.657	1.601	1.533	1.519	1.3	1.146	1.124	1	4.103
2.727	2.495	2.353	2.27	2.066	1.823	1.525	1.502	1.45	4.171
-0.684	-0.803	-1.048	-1.436	-1.832	0	0	0	0	3.926
2.396	1.987	1.654	1.209	0.967	0.815	0.496	0.239	-0.088	5.048
2.909	2.64	2.399	1.896	1.772	1.709	1.511	1.475	1.408	4.169
3.575	3.498	3.286	3.103	2.96	2.765	2.437	2.239	2.186	5.003
1.177	0.904	0.505	0.349	-0.215	-0.6	-0.607	-0.905	-1	4.158
1.953	1.737	1.442	1.38	1.127	1.077	1	1	1	4.64
1.94	1.347	1.052	1	0.459	0.098	-0.11	-0.6	-0.601	4.22
2.412	1.948	1.924	1.663	1.444	1.263	1	1	0.939	4.439
1.934	1.43	1.383	1.21	1.146	1	0.737	0.618	0.558	4.423
1	1	0.598	0.162	-0.6	-0.607	-0.752	-1	-1	4.004
1.285	1.108	0.899	0.251	-0.185	-0.642	-0.895	-1.249	-1.323	3.768
3.062	3.027	2.811	2.678	2.573	2.415	2.268	2.255	2.227	5.006
2.435	2.078	2.031	1.65	1.202	1.104	1	0.726	0.618	4.207
1.719	1.456	1.264	1.16	1	0.891	0.738	0.338	-0.036	4.236
0.76	0.744	-0.011	-0.11	-0.421	-1.015	-1.28	-1.344	-1.357	3.97
1.995	1.878	1.846	1.38	1.172	1.077	1	1	1	4.717
0.667	0.072	-0.674	-0.853	-1	-1.363	-1.628	-1.767	-2	4.172
2.12	1.954	1.56	1.146	1.037	1.027	0.965	0.618	0.205	4.12
1.247	0.854	0.693	-0.111	-0.618	-0.642	-0.822	-1	-1.103	4.014
2.769	2.601	2.584	2.434	2.184	1.901	1.7	1.653	1.502	3.972
2.916	2.862	2.633	2.434	2.084	1.899	1.78	1.657	1.618	4.17
3.311	3.119	3.037	2.771	2.695	2.613	2.537	2.249	2.048	5.08
1.142	1	1	0.789	0.411	-0.494	-0.529	-1	-1	4.71
1.652	1.467	1.19	1.072	0.749	0.614	-0.088	-0.328	-0.475	4.212
1.745	1.397	1.23	1.073	0.734	0.629	0.085	-0.163	-0.471	4.248
1.348	1.326	0.824	0.568	0.49	-0.197	-0.6	-0.707	-0.865	4.155
1.533	1.532	1.452	1.34	0.625	0.51	0.51	0.405	0.347	4.001
1.457	1.067	0.711	0.272	-0.024	-0.208	-0.549	-0.948	-0.969	4.629
1.343	1.325	0.801	0.577	0.108	-0.146	-0.6	-0.76	-0.78	4.149
2.103	1.997	1.425	1.297	1.115	0.66	0.302	-0.05	-0.126	4.945
2.393	2.15	2.046	1.662	1.565	1.461	1.304	1.157	1	4.348
1.519	1.195	1.07	1	0.601	0.337	0.114	-0.619	-0.71	4.567
1.982	1.527	1.365	1.124	0.607	0.423	0.351	0.322	-0.396	4.061
1.995	1.878	1.846	1.38	1.172	1.077	1	1	1	4.717
2.196	1.862	1.437	1.39	0.723	0.682	0.461	0.188	-0.185	4.345
1.664	1.476	1.135	0.964	0.604	0.322	-0.064	-0.171	-0.412	4.719
1.519	1.461	1.323	1	0.474	0.406	-0.292	-0.393	-0.686	4.07
1.545	1.393	1.232	1	1	1	0.659	0.234	-0.156	4.198
2.196	2.175	1.971	1.49	1.234	1.127	1.008	0.936	0.933	4.583
1.48	1.332	1.044	0.722	0.541	0.032	-0.2	-0.6	-0.707	4.165
1.501	1.399	1.146	1.059	0.672	0.15	0.063	-0.155	-0.6	4.138
1.018	0.173	-0.08	-0.86	-1.218	-1.235	-1.358	-1.58	-2	3.902
2.456	2.06	1.719	1.382	1.218	1.077	1.027	1	1	4.145
1.232	0.972	0.744	0.383	0.243	-0.029	-0.525	-0.686	-0.781	4.039
1.604	1.149	0.972	0.615	0.07	-0.064	-0.354	-0.565	-0.931	4.701
2.435	2.078	2.031	1.65	1.202	1.104	1	0.726	0.618	4.207

1.343	1.17	0.761	0.484	0.108	-0.2	-0.76	-0.771	-0.902	4.149
2.012	1.544	1.425	1.246	1.113	0.65	0.205	-0.053	-0.225	4.75
3.311	3.119	3.037	2.771	2.695	2.613	2.537	2.249	2.048	5.08
1.519	1.034	1	0.841	0.549	0.282	-0.102	-0.623	-1	4.563
1.953	1.737	1.442	1.38	1.127	1.077	1	1	1	4.64
1.725	1.239	1	0.76	0.698	0.053	0.003	-0.6	-0.611	3.75
2.103	2.074	1.425	1.297	1.01	0.659	0.301	-0.049	-0.126	4.945
2.838	2.743	2.588	2.324	2.172	2.01	1.891	1.425	1.338	4.553
1.88	1.44	1.285	1.146	0.702	0.47	0.236	-0.274	-0.567	4.257
3.157	2.836	2.777	2.499	2.439	2.398	2.106	1.904	1.782	4.499
3.062	3.027	2.811	2.678	2.573	2.415	2.268	2.255	2.227	5.006
1	0.803	0.688	0.109	-0.332	-0.655	-0.911	-1	-1	3.677
1.272	1.104	0.996	0.145	-0.185	-0.652	-0.896	-1.09	-1.434	3.768
3.754	3.673	3.62	3.574	3.538	2.916	2.708	2.611	2.552	4.255
2.848	2.68	2.584	2.499	2.34	2.051	1.95	1.852	1.761	4.457
1.88	1.44	1.285	1.146	0.702	0.47	0.236	-0.274	-0.567	4.267
2.399	2.225	1.755	1.398	1.146	0.782	0.462	0.276	-0.02	4.372
3.575	3.498	3.286	3.103	2.96	2.765	2.437	2.239	2.186	5.003
2.221	2.16	2.052	1.903	1.362	1.158	1.104	1	0.547	4.022
1.66	1.195	1.07	0.813	0.572	0.29	0.109	-0.41	-0.702	4.567
2.61	2.418	2.273	1.712	1.609	1.461	1.259	1.146	1.142	4.546
2.364	2.176	1.712	1.379	1.146	0.905	0.507	0.325	0.142	4.386



EEig02r	EEig03r	EEig04r	EEig05r	EEig06r	EEig07r	EEig08r	EEig09r	EEig10r	EEig11r
3.802	3.555	3.159	2.792	2.711	2.302	2.21	2	1.629	1.459
3.496	3.361	3.073	3.044	2.855	2.037	2.028	1.719	1.287	0.878
3.843	3.453	2.963	2.901	2.696	2.317	2	1.976	1.871	1.169
3.353	3.04	2.638	2.453	2	1.671	1.232	0.784	0.266	0
3.922	3.791	3.257	2.856	2.51	2.288	2.152	1.547	1.348	1.295
3.639	3.204	3.078	2.556	2.414	2.289	2.228	1.739	1.457	0.816
3.899	3.385	3.233	2.901	2.596	2.396	2.125	1.403	1.111	0.785
4.131	4.059	3.682	3.636	3.4	3.044	2.933	2.712	2.599	2.211
3.658	2.884	2.454	2.414	2.389	2	1.955	1.22	0.875	0.371
3.804	3.433	3.083	2.747	2.495	2.311	2.078	2	1.984	1.635
3.534	3.292	2.92	2.787	2.3	1.975	1.956	1.159	1.05	0.251
4.035	3.783	3.3	3.284	3.136	2.966	2.577	2.541	2.262	2.128
3.889	3.777	3.42	3.001	2.89	2.43	2.327	1.967	1.967	1.339
3.761	3.396	3.08	2.612	2.483	2.154	2.096	2	2	1.77
3.669	3.193	3.063	3.005	2.481	2.282	2.22	1.782	1.458	0.931
3.748	3.521	3.197	2.911	2.359	2.279	2.234	1.972	1.203	1.007
3.368	2.707	2.465	2.1	1.518	1.169	0.473	0.17	-0.501	-0.617
3.748	3.513	3.163	2.977	2.624	2.432	2.318	1.967	1.82	1.207
3.896	3.836	3.673	3.658	3.509	3.41	3.241	3.197	3.067	3.007
3.915	3.555	3.278	3.257	3.073	2.694	2.512	2.441	2.317	2.041
3.674	3.5	2.987	2.851	2.447	2.332	2.263	1.984	1.717	1.331
3.697	3.39	2.938	2.846	2.325	2.036	2	1.617	1.16	0.581
3.734	3.649	3.45	3.084	2.904	2.74	2.411	2.273	2	1.984
3.626	3.187	3.054	2.535	2.403	2.287	2.227	1.706	1.406	0.782
3.741	3.056	2.765	2.618	2.318	2.265	1.911	1.693	1.462	1.142
3.872	3.505	3.226	2.974	2.448	2.415	1.99	1.967	1.642	1.085
3.682	3.37	3.142	3.065	2.606	2.41	2.022	2	1.616	1.393
3.507	3.167	3.166	3.056	2.831	2.188	1.837	1.62	1.482	0.948
3.774	3.438	3.216	2.988	2.649	2.453	1.74	1.626	1.285	0.884
3.483	3.383	3.089	2.829	2.582	2.407	2	2	1.981	1.967
3.633	3.189	3.06	2.554	2.414	2.28	2.217	1.734	1.44	0.804
3.446	2.766	2.437	2.354	2.164	1.475	0.966	0.525	0.219	0.067
3.608	3.54	3.237	2.874	2.504	2.356	2.016	2	1.651	1.212
3.937	3.858	3.637	3.431	3.414	3.266	3.07	2.879	2.719	2.491
3.702	3.544	3.01	2.925	2.362	2.287	2.125	1.583	1.094	0.607
3.705	3.571	3.494	3.181	3.039	2.961	2.678	2.463	2.2	1.657
3.752	3.532	2.81	2.606	2.347	2.247	2.24	1.987	1.682	1.017
3.141	3.104	2.16	1.612	1.287	0.452	0.071	0.064	-0.058	-0.097
4.648	3.834	3.478	3.323	3.156	2.998	2.503	2.215	1.971	1.316
3.468	3.351	2.948	2.433	2.037	1.591	1.514	1.056	0.902	0.399
3.371	3.16	2.995	2.303	2	1.713	1.332	1.106	0.52	0
3.152	2.879	2.451	1.678	0.839	0.653	-0.049	-0.184	-0.31	-0.532
3.689	3.496	3.011	2.562	2.516	2.288	2.067	1.983	1.131	0.967
4.042	3.776	3.635	3.294	3.202	3.066	2.474	2.221	1.727	1.585
3.759	3.705	3.302	3.182	2.923	2.656	2.48	2.417	2.065	2
3.672	3.469	3.169	2.817	2.309	2.234	2	1.97	1.155	0.99
3.552	3.296	2.937	2.797	2.308	2	1.978	1.163	1.06	0.266
3.712	3.548	3.178	2.813	2.593	2.431	2.169	1.967	1.632	1.058
3.701	3.48	2.87	2.455	2.434	2.287	2.024	1.333	0.933	0.356

3.351	3.039	2.636	2.455	2.253	1.68	1.319	1.105	0.498	0.17
3.366	3.278	3.13	2.7	2.466	2.317	2	2	1.878	1.618
4.039	3.746	3.341	3.245	3.079	2.508	2.218	1.79	1.473	1.373
3.898	3.823	3.715	3.668	3.51	3.411	3.247	3.195	3.093	3.007
4.153	3.636	3.573	3.282	3.098	2.975	2.568	2.517	2.317	2.182
3.39	3.249	3.026	2.832	2	1.71	1.263	0.869	0.233	0.09
3.705	3.57	3.483	3.181	3.032	2.934	2.678	2.461	2.199	1.656
4.62	3.831	3.415	3.195	3.122	2.741	2.5	2.198	1.777	1.229
4.622	3.838	3.426	3.21	3.164	2.751	2.504	2.214	1.79	1.235
3.502	3.174	3.016	2.495	2.336	2.227	2.215	1.624	0.964	0.491
3.566	3.502	2.984	2.492	2.336	2.227	2.122	1.646	0.929	0.491
3.433	2.833	2.192	1.964	0.733	0.517	-0.034	-0.1	-0.414	-0.549
3.687	3.528	3.241	2.683	2.561	2.476	2.408	2.263	1.998	1.967
3.529	3.348	2.999	2.559	2.144	2.085	1.683	1.443	1.315	0.77
3.721	3.233	2.702	2.535	2.418	2.286	2	1.939	1.878	1.666
3.88	3.644	3.32	3	2.945	2.759	2.359	2.245	2.097	1.7
3.817	3.15	2.701	2.442	1.397	0.712	0.3	-0.058	-0.095	-0.3
3.661	3.283	2.726	2.268	2.129	1.582	1.132	0.73	0.233	-0.001
3.432	3.227	2.83	2.39	2.237	2.072	1.691	1.273	0.63	0.521
3.855	3.043	2.879	2.543	2.423	2.039	1.983	1.328	0.792	0.653
4.213	3.579	3.509	3.182	3.088	2.962	2.686	2.55	2.283	1.657
3.924	3.557	3.408	3.033	2.761	2.612	2.458	2.312	2.125	2
3.918	3.79	3.059	2.599	2.497	2.216	2.05	1.461	1.313	1.221
3.696	3.539	3.309	3.15	2.852	2.383	2	2	1.759	1.31
3.264	2.905	2.82	2.08	1.828	1.006	0.658	0.401	0.237	-0.461
3.796	3.609	3.246	2.937	2.427	2.11	1.994	1.992	1.972	1.938
3.802	3.53	3.076	2.785	2.711	2.302	2.21	2	1.623	1.078
4.269	4.092	3.91	3.396	2.705	1.746	1.574	1.354	0.52	0.395
3.633	3.455	3.065	2.71	2.528	2.414	2.28	1.798	1.532	0.804
4.03	3.414	3.037	2.861	2.52	2.414	2.12	1.989	1.442	1.009
4.577	3.41	3.278	3.038	2.861	2.75	2.469	2.317	2.167	2
3.708	3.137	2.79	2.5	2.36	1.994	1.643	0.761	0.499	0.16
3.816	3.326	3.198	2.962	2.618	2.399	2.105	2	1.861	0.956
3.824	3.789	3.388	3.318	3.186	2.788	2.43	2.355	2.114	2
3.916	3.603	3.056	2.685	2.488	2.304	2.097	1.987	1.725	1.219
4.048	3.582	3.48	3.165	2.871	2.665	2.516	2.471	2.066	1.967
3.683	3.312	3.136	2.867	2.677	2.237	1.802	1.594	1.375	0.891
3.906	2.903	2.544	2.145	1.634	0.687	0.16	0	0	-0.055
4.371	4.306	3.92	3.729	3.556	3.47	3.356	3.065	2.959	2.718
3.96	3.656	3.318	3.261	2.996	2.636	2.333	2.181	2.147	1.554
3.833	3.708	3.282	3.11	2.837	2.471	2.21	1.619	1.459	1.056
4.04	3.756	3.579	3.275	3.192	3.061	2.473	2.223	1.875	1.65
3.884	3.406	3.207	2.926	2.478	2.45	2.107	2.087	2	1.622
3.639	3.204	3.078	2.556	2.414	2.289	2.228	1.739	1.457	0.816
4.39	4.025	3.937	3.645	3.467	3.281	3.08	2.821	2.782	2.679
3.794	2.919	2.682	2.541	2.255	2	1.936	1.53	1.008	0.565
3.74	3.67	3.425	2.964	2.807	2.456	2.379	2.307	1.984	1.84
3.649	3.281	2.525	2.112	1.967	0.741	0.237	-0.001	-0.1	-0.1
3.499	3.177	2.895	2.694	2.408	1.784	1.605	1.247	0.834	0.599
4.15	3.604	3.45	3.268	3.002	2.973	2.533	2.428	2.207	2.093

3.809	3.23	2.972	2.939	2.353	1.97	1.335	1.27	1.131	0.628
3.832	3.365	2.858	2.505	2.402	2	2	1.965	1.175	0.729
3.56	3.179	3.033	2.933	2.403	2.239	2.216	1.636	1.058	0.624
3.854	3.764	3.359	3.118	2.856	2.521	2.521	2.433	2.089	1.719
3.892	3.721	3.665	3.506	3.408	3.243	3.178	3.075	3.006	2.556
3.372	2.888	2.57	2.127	2	0.93	0.497	0.125	0	-0.354
3.662	3.584	3.576	3.26	3.133	3.047	2.873	2.61	2.344	2
3.397	3.256	3.026	2.832	2	1.712	1.27	0.894	0.253	0.034
3.538	3.288	2.59	1.946	1.472	1.295	0.395	-0.26	-0.267	-0.473
3.484	3.383	3.206	3.084	2.82	2.42	2.247	2	2	1.967
3.43	3.332	3.095	2.74	2.468	2.134	1.883	1.591	1.128	0.847
3.682	3.37	3.142	3.065	2.606	2.41	2.022	2	1.616	1.393
4.455	4.428	4.04	3.993	3.808	3.4	3.302	3.227	3.095	3.036
4.382	4.02	3.937	3.644	3.463	3.281	3.08	2.821	2.765	2.631
3.633	3.129	2.632	2.52	2.414	2.28	1.955	1.68	1.311	0.804
4.859	3.917	3.562	3.244	3.196	2.927	2.709	2.308	1.936	1.518
3.278	3.135	2.716	2.317	2.154	2	2	1.506	0.579	0.295
3.797	3.651	3.594	3.253	2.839	2.631	2.508	2.45	2.17	2.17
4.123	3.584	3.329	3.162	2.98	2.765	2.703	2.492	2.355	2.25
3.12	2.549	1.426	0.611	0.465	-0.228	-0.517	-0.761	-0.924	0
3.893	3.45	3.264	2.95	2.411	2.097	2.093	1.741	1.634	0.913
3.853	3.727	3.339	3.158	2.845	2.502	2.218	1.754	1.471	1.373
3.8	3.431	3.313	3.091	2.862	2.762	2.17	2	1.779	1.399
4.116	3.879	3.732	3.559	3.5	3.42	3.33	3.128	2.928	2.741
3.856	3.633	3.555	3.411	3.321	3.124	2.742	2.607	2.256	2.112
3.558	3.065	2.629	2.36	2.173	1.112	0.689	0.39	0.302	-0.271
3.905	3.734	3.553	3.277	3.177	2.964	2.881	2.555	2.227	2.017
3.261	3.072	2.503	2.31	2	1.958	1.421	0.994	0.281	0.012
3.905	3.603	3.181	3.06	2.771	2.741	2.639	2.505	2.237	2.168
4.036	3.748	3.352	3.24	3.129	2.474	2.286	2.121	1.682	1.412
3.758	3.689	3.595	3.297	3.118	3.017	2.68	2.536	2.42	2.125
3.845	3.683	3.095	2.988	2.664	2.618	2.103	2	1.358	1.173
3.758	3.687	3.296	3.044	2.687	2.536	2.135	2	1.886	1.284
3.639	3.16	2.635	2.523	2.414	2.289	1.97	1.682	1.326	0.816
4.214	4.048	3.775	3.602	3.41	3.305	3.182	2.972	2.853	2.751
4.123	3.631	3.559	3.247	3.205	3.11	2.788	2.608	2.062	2
3.971	3.403	3.119	2.976	2.901	2.429	2	1.967	1.22	0.955
3.367	2.558	2.299	2	1.717	0.773	0.365	0	0	-0.442
3.746	3.377	2.99	2.529	2.306	2.276	2.003	1.457	0.915	0.585
3.961	3.521	3.365	3.225	2.825	2.643	2.379	2.005	2	1.958
3.524	3.048	2.509	2.345	2.242	1.744	0.95	0.538	0.139	0.117
4.501	3.515	3.274	2.879	2.658	2.477	2.051	1.662	1.172	0.85
3.839	3.414	3.177	3.063	2.701	2.439	2.357	2.146	2.016	1.967
3.6	3.243	2.981	2.578	2	2	1.912	1.33	0.623	0.486
4.763	4.401	4.301	4.275	4.05	3.68	3.383	3.323	3.194	3.131
4.433	4.355	4.298	4.063	3.724	3.677	3.433	3.198	3.166	3.114
3.498	3	3	1	1	0.454	0	0	-0.431	-1
3.633	3.319	2.645	2.451	2.414	2.28	1.711	1.195	0.804	0.155
3.946	3.656	3.429	3.187	3.069	2.798	2.55	1.999	1.776	1.622
4.436	4.416	4.039	3.989	3.801	3.395	3.298	3.227	3.094	3.036

4.141	3.98	3.88	3.608	3.487	3.435	3.044	2.987	2.972	2.875
3.829	3.41	3.272	3.223	2.599	2.495	2	2	1.984	1.971
3.997	3.77	3.631	3.412	3.237	3.154	2.502	2.497	2.447	2.313
4.149	3.92	3.832	3.564	3.421	3.234	3.09	3.081	2.745	2.666
3.233	2.318	1.477	0.958	0.8	-0.394	-0.433	-0.518	-0.677	-0.891
4.042	3.78	3.642	3.315	3.208	3.07	2.474	2.224	1.737	1.59
4.058	4.005	3.73	3.56	3.423	3.242	2.916	2.551	2.483	2.425
4.764	4.311	4.061	3.942	3.761	3.746	3.574	3.321	3.307	3.116
4.041	3.284	3.109	2.843	2.241	1.805	1.416	1.33	0.82	0.201
4.315	3.747	3.489	3.278	3.08	2.853	2.626	2.372	2.317	2
3.651	3.605	3.312	3.048	2.809	2.261	2.096	2	1.683	1.018
3.826	3.533	3.457	3.369	3.204	3.021	2.726	2.497	2.248	2.012
3.78	3.751	3.355	2.932	2.782	2.556	2.388	2.118	1.967	1.917
3.377	3.126	2.972	2.478	2.03	2	1.957	1.203	0.547	0.166
3.368	2.581	2.276	2.048	1.997	1.582	1.143	0.723	0.333	0.049
4.567	4.043	3.967	3.878	3.854	3.545	3.487	3.272	3.156	3.046
3.804	3.534	3.32	3.144	3.074	2.733	2.443	2.182	2	1.941
4.097	3.744	3.341	3.009	2.892	2.32	2.207	2.144	2.08	2
3.5	2.984	2.879	2.389	1.591	1.415	1.076	0.653	0.229	0.215
4.409	3.402	3.364	3.278	3.251	2.823	2.567	2.317	2.147	2
3.372	2.888	2.57	2.127	2	0.93	0.497	0.125	0	-0.354
3.961	3.708	3.469	3.157	2.916	2.557	2.41	2.163	1.967	1.636
3.369	3.102	2.969	2.618	2.273	1.979	1.598	1.176	0.562	0.382
3.851	3.789	3.628	3.55	3.46	3.398	3.22	3.115	3.039	2.717
4.013	3.981	3.879	3.719	3.574	3.509	3.373	3.102	2.899	2.606
4.763	4.399	4.298	4.275	4.05	3.671	3.37	3.309	3.178	3.131
3.34	3.278	2.866	2.544	2.317	2	2	1.875	0.585	0.453
3.991	3.564	3.239	3.016	2.659	2.486	2.387	1.996	1.634	1.446
3.983	3.571	3.223	3.008	2.729	2.585	2.17	2.001	1.563	1.45
3.502	3.174	3.016	2.495	2.336	2.227	2.215	1.624	0.964	0.491
3.939	3.857	3.358	2.923	2.495	2.45	2.375	1.99	1.643	1.295
4.089	3.474	3.045	2.854	2.626	2.361	2.041	1.634	0.963	0.686
3.633	3.189	3.06	2.554	2.414	2.28	2.217	1.734	1.44	0.804
4.62	3.831	3.415	3.195	3.122	2.741	2.5	2.198	1.777	1.229
3.758	3.688	3.515	3.296	3.052	2.734	2.601	2.529	2.362	2.091
3.815	3.58	3.386	2.755	2.456	2.324	2.066	1.958	1.779	0.947
3.981	3.478	3.223	3.024	2.638	2.491	2.038	1.653	1.536	1.203
4.409	3.402	3.364	3.278	3.251	2.823	2.567	2.317	2.147	2
3.956	3.569	3.315	3.191	2.715	2.67	2.328	2.096	1.651	1.141
4.527	3.59	3.335	3.133	2.874	2.596	2.159	1.936	1.626	1.148
3.84	3.368	3.135	2.742	2.498	2.447	2	1.835	1.326	1.228
3.61	3.457	3.154	3.058	2.779	2.444	2.147	2	2	2
3.854	3.764	3.359	3.118	2.856	2.521	2.521	2.433	2.089	1.719
3.56	3.179	3.033	2.933	2.403	2.239	2.216	1.636	1.058	0.624
3.748	3.513	3.163	2.977	2.624	2.432	2.318	1.967	1.82	1.207
3.368	2.707	2.465	2.1	1.518	1.169	0.473	0.17	-0.501	-0.617
3.662	3.584	3.576	3.26	3.133	3.047	2.873	2.61	2.344	2
3.43	3.332	3.095	2.74	2.468	2.134	1.883	1.591	1.128	0.847
4.501	3.515	3.274	2.879	2.658	2.477	2.051	1.662	1.172	0.85
3.804	3.534	3.32	3.144	3.074	2.733	2.443	2.182	2	1.941

3.633	3.129	2.632	2.52	2.414	2.28	1.955	1.68	1.311	0.804
4.531	3.648	3.372	3.185	3.121	2.741	2.314	2.041	1.77	1.201
4.763	4.399	4.298	4.275	4.05	3.671	3.37	3.309	3.178	3.131
3.812	3.54	3.38	2.731	2.369	2.155	1.958	1.666	1.594	0.893
4.315	3.747	3.489	3.278	3.08	2.853	2.626	2.372	2.317	2
3.499	3.177	2.895	2.694	2.408	1.784	1.605	1.247	0.834	0.599
4.62	3.831	3.415	3.195	3.122	2.741	2.5	2.198	1.777	1.229
4.39	4.025	3.937	3.645	3.467	3.281	3.08	2.821	2.782	2.679
3.872	3.505	3.226	2.974	2.448	2.415	1.99	1.967	1.642	1.085
4.436	4.416	4.039	3.989	3.801	3.395	3.298	3.227	3.094	3.036
4.567	4.043	3.967	3.878	3.854	3.545	3.487	3.272	3.156	3.046
3.397	3.256	3.026	2.832	2	1.712	1.27	0.894	0.253	0.034
3.368	2.581	2.276	2.048	1.997	1.582	1.143	0.723	0.333	0.049
4.155	4.133	4.031	4.014	3.881	3.849	3.769	3.655	3.494	3.401
4.143	3.992	3.875	3.575	3.449	3.381	3.145	3.031	2.977	2.811
3.884	3.511	3.228	2.977	2.459	2.425	2.014	1.967	1.645	1.092
3.958	3.606	3.374	3.249	2.913	2.741	2.725	2.31	1.967	1.487
4.764	4.311	4.061	3.942	3.761	3.746	3.574	3.321	3.307	3.116
3.906	3.736	3.555	3.292	3.177	3.014	2.783	2.548	2.229	2.052
3.831	3.642	3.525	2.912	2.58	2.379	2.07	1.779	1.717	0.91
3.856	3.633	3.555	3.411	3.321	3.124	2.742	2.607	2.256	2.112
3.959	3.667	3.42	3.238	2.898	2.745	2.511	2.286	1.967	1.562

EEig12r	EEig13r	EEig14r	EEig15r	ESpm02u	ESpm03u	ESpm04u	ESpm05u	ESpm06u	ESpm07u
0.923	0.622	0.228	0.053	4.263	3.892	5.838	6.275	7.713	8.511
0.483	0.368	0.133	0.091	4.143	3.761	5.645	5.994	7.407	8.107
0.897	0.336	0.24	0.072	4.29	3.892	5.922	6.382	7.87	8.724
0	-0.085	-0.298	-0.769	3.807	3.219	5.242	5.442	6.942	7.537
1.223	0.833	0.245	0.207	4.317	4.205	6.047	6.735	8.119	9.116
0.655	0.162	0.123	-0.013	4.143	3.611	5.7	6.043	7.571	8.34
0.584	0.321	-0.021	-0.245	4.263	4.007	5.958	6.509	7.967	8.883
2.163	2.028	2	1.701	4.796	4.745	6.535	7.216	8.594	9.57
0.18	0	-0.05	-0.414	3.932	3.219	5.407	5.602	7.183	7.821
1.432	0.399	0.272	0.154	4.317	4.007	6.019	6.648	8.138	9.16
0.212	0.134	-0.025	-0.262	4.078	3.611	5.645	5.994	7.498	8.249
2.043	1.947	1.753	1.37	4.635	4.29	6.275	6.77	8.233	9.108
0.961	0.454	0.347	0.137	4.394	4.205	6.08	6.648	8.067	8.965
0.793	0.592	0.264	0.19	4.29	4.007	5.974	6.608	8.072	9.088
0.639	0.303	0.15	-0.02	4.205	3.761	5.778	6.155	7.647	8.426
0.513	0.2	0.143	0.108	4.234	3.892	5.844	6.293	7.744	8.558
-0.718	-0.78	-1	-1.057	3.714	3.219	5.242	5.602	7.064	7.816
0.855	0.704	0.317	0.114	4.317	3.892	5.916	6.293	7.789	8.553
2.573	2.515	2.438	2.372	4.99	4.575	6.532	6.868	8.316	9.002
2	2	1.809	1.591	4.635	4.29	6.333	6.967	8.478	9.535
0.859	0.425	0.234	0.089	4.263	3.761	5.861	6.236	7.77	8.569
0.253	0.143	0	-0.232	4.143	3.761	5.753	6.196	7.665	8.489
1.555	1.263	1.195	0.879	4.466	4.007	6.057	6.431	7.928	8.698
0.644	0.158	0.097	-0.013	4.143	3.611	5.7	6.043	7.571	8.34
0.693	0.382	0.184	-0.108	4.111	3.434	5.638	5.916	7.476	8.2
0.852	0.332	0.136	0.015	4.29	4.007	5.943	6.463	7.904	8.779
0.789	0.713	0.275	0.194	4.317	4.111	6.038	6.711	8.174	9.228
0.551	0.116	0.107	0.092	4.174	3.761	5.694	6.043	7.485	8.208
0.697	0.307	0.115	-0.067	4.317	4.205	6.111	6.836	8.297	9.381
1.487	1.079	0.605	0.452	4.29	3.611	5.796	6.019	7.6	8.278
0.635	0.155	0.122	-0.021	4.143	3.611	5.7	6.043	7.571	8.34
-0.356	-0.648	-0.732	-0.89	3.892	3.761	5.68	6.463	7.923	9.044
0.786	0.399	0.189	0.037	4.205	3.761	5.727	6.066	7.519	8.223
2.461	2.417	2.389	2.293	4.89	4.443	6.444	6.804	8.278	9.021
0.295	0.234	0.153	-0.171	4.205	3.892	5.826	6.293	7.735	8.561
1.201	1.122	0.81	0.658	4.466	4.205	6.057	6.524	7.922	8.737
0.555	0.509	0.321	0.121	4.263	4.007	6.038	6.735	8.248	9.335
-0.625	-0.938	-1.027	0	3.611	3.611	5.283	6.019	7.338	8.35
1.129	1.015	0.901	0.4	4.615	4.796	6.575	7.518	8.949	10.162
0.299	-0.089	-0.409	-0.604	3.97	3.611	5.533	5.969	7.375	8.165
0	-0.067	-0.122	-0.376	3.85	3.219	5.252	5.352	6.866	7.322
-1	-1.011	0	0	3.555	3.219	5.069	5.485	6.884	7.657
0.457	0.204	0.097	-0.053	4.205	3.761	5.826	6.236	7.753	8.569
1.251	1.107	0.898	0.392	4.615	4.691	6.529	7.403	8.864	10.06
1.531	1.094	0.72	0.501	4.466	4.205	6.084	6.608	8.025	8.91
0.265	0.178	0.121	0	4.174	3.761	5.759	6.155	7.632	8.408
0.23	0.142	0	-0.248	4.078	3.611	5.645	5.994	7.498	8.249
0.717	0.509	0.213	0.048	4.29	3.892	5.9	6.312	7.794	8.587
0.149	0.061	0.029	-0.025	4.111	3.761	5.746	6.236	7.708	8.579

0	-0.085	-0.247	-0.302	3.85	3.219	5.273	5.442	6.961	7.537
1.591	1.006	0.495	0.295	4.263	3.892	5.927	6.567	8.07	9.133
1.237	0.679	0.456	0.046	4.511	4.575	6.441	7.334	8.807	10.021
2.666	2.537	2.48	2.378	5.017	4.575	6.55	6.868	8.324	8.999
1.984	1.904	1.572	1.12	4.635	4.29	6.275	6.746	8.209	9.051
0	0	-0.085	-0.274	3.892	3.434	5.323	5.525	6.957	7.476
1.198	1.116	0.805	0.645	4.466	4.205	6.057	6.524	7.922	8.737
1.107	0.937	0.753	0.378	4.575	4.745	6.535	7.479	8.915	10.13
1.109	0.966	0.763	0.475	4.575	4.745	6.535	7.479	8.915	10.13
0.485	0.107	-0.02	-0.1	4.111	3.611	5.68	6.043	7.57	8.36
0.329	0.107	-0.1	-0.13	4.143	3.761	5.753	6.196	7.674	8.5
-1.028	-1.044	0	0	3.555	3.219	5.043	5.398	6.781	7.452
1.783	1.15	0.962	0.81	4.394	3.761	5.943	6.217	7.787	8.503
0.21	0.106	-0.235	-0.419	4.078	3.611	5.673	6.111	7.596	8.444
0.93	0.447	0.251	0.056	4.174	3.434	5.68	5.889	7.498	8.169
1.137	0.875	0.852	0.586	4.443	4.111	6.089	6.567	8.038	8.897
-0.3	-0.85	-0.967	-1	3.892	3.892	5.609	6.275	7.615	8.55
-0.1	-0.365	-0.451	-0.63	3.892	3.611	5.451	5.916	7.286	8.069
0.308	0.002	-0.018	-0.471	3.97	3.434	5.501	5.832	7.336	8.086
0.225	0.194	-0.016	-0.252	4.043	3.611	5.609	6.019	7.487	8.281
1.368	1.16	0.813	0.662	4.533	4.443	6.225	6.868	8.24	9.199
1.984	1.707	0.883	0.723	4.489	4.007	6.098	6.479	8.012	8.805
0.466	0.207	0.177	0	4.234	4.111	5.943	6.608	7.987	8.956
0.95	0.734	0.233	0.012	4.29	4.007	5.866	6.312	7.714	8.486
-0.494	-0.533	-0.745	-0.888	3.85	3.892	5.687	6.567	7.986	9.163
1.362	0.715	0.295	0.29	4.317	3.892	5.894	6.33	7.779	8.59
0.789	0.279	0.057	0	4.234	3.892	5.808	6.256	7.685	8.489
0.24	0	0	0	4.419	4.745	6.395	7.327	8.672	9.805
0.639	0.371	0.155	0.103	4.205	3.761	5.778	6.155	7.65	8.429
0.648	0.375	0.193	0.129	4.263	3.892	5.894	6.365	7.832	8.679
2	1.747	1.591	1.108	4.595	4.443	6.402	7.179	8.658	9.784
0.097	-0.11	-0.514	-0.819	4.043	3.611	5.68	6.111	7.634	8.474
0.824	0.437	0.177	0.099	4.263	3.892	5.872	6.33	7.805	8.653
2	1.861	1.639	1.299	4.575	4.111	6.159	6.553	8.032	8.813
0.904	0.546	0.133	0.094	4.263	3.892	5.894	6.382	7.843	8.703
1.934	1.533	1.375	0.705	4.533	4.111	6.142	6.553	8.039	8.834
0.366	0.181	0.118	-0.1	4.174	3.761	5.733	6.111	7.566	8.319
-0.558	-0.892	-1	-1.023	3.807	3.761	5.533	6.217	7.583	8.545
2.501	2.433	2.317	2.274	5.069	5.056	6.903	7.683	9.111	10.21
1.264	1.012	0.641	0.467	4.466	4.205	6.146	6.686	8.131	9.033
0.805	0.446	0.069	-0.141	4.419	4.369	6.267	7.048	8.515	9.643
1.392	1.181	1	0.995	4.635	4.635	6.538	7.378	8.863	10.049
1.311	0.846	0.505	0.2	4.317	3.761	5.872	6.176	7.704	8.414
0.655	0.162	0.123	-0.013	4.143	3.611	5.7	6.043	7.571	8.34
2.537	2.291	1.857	1.436	4.905	4.844	6.688	7.391	8.795	9.811
0.374	0	-0.014	-0.3	4.043	3.761	5.666	6.256	7.682	8.631
1.711	1.356	0.863	0.546	4.443	4.007	6.052	6.463	7.96	8.766
-0.1	-0.492	-0.81	-1	3.85	3.892	5.572	6.312	7.641	8.643
0.208	0	-0.1	-0.161	3.97	3.434	5.398	5.602	7.054	7.623
1.984	1.858	1.571	1.099	4.595	4.205	6.221	6.661	8.14	8.962

0.392	0.24	0.151	-0.279	4.111	3.761	5.707	6.133	7.57	8.356
0.239	0.037	0	0	4.143	3.892	5.79	6.365	7.794	8.717
0.486	0.176	-0.02	-0.1	4.174	3.761	5.759	6.155	7.646	8.444
1.573	1.463	1.237	1.183	4.533	4.29	6.225	6.858	8.295	9.297
2.428	2.303	2.118	2	4.844	4.443	6.375	6.711	8.143	8.821
-0.696	-0.834	-0.998	-1	3.761	3.434	5.371	5.889	7.334	8.23
2	1.984	1.843	1.765	4.654	4.111	6.209	6.494	8.025	8.719
0	0	-0.085	-0.269	3.892	3.434	5.323	5.525	6.957	7.476
-0.618	-0.802	-1.018	-1.073	3.85	3.761	5.572	6.256	7.626	8.616
1.539	1.261	0.642	0.48	4.344	3.761	5.855	6.111	7.652	8.333
0.62	0.403	0.237	-0.071	4.111	3.611	5.638	5.943	7.431	8.132
0.789	0.713	0.275	0.194	4.317	4.111	6.038	6.711	8.174	9.228
2.961	2.644	2.362	2.201	5.118	5.198	6.946	7.754	9.115	10.19
2.422	2.288	1.855	1.435	4.89	4.844	6.676	7.385	8.785	9.802
0.553	0.155	0.119	-0.024	4.078	3.434	5.631	5.943	7.515	8.285
1.25	1.074	0.972	0.416	4.673	4.934	6.703	7.728	9.176	10.45
0	0	-0.054	-0.1	3.932	3.219	5.389	5.565	7.155	7.787
2.162	1.984	1.984	1.79	4.654	4.111	6.24	6.608	8.144	8.934
1.984	1.714	1.563	1.001	4.595	4.205	6.221	6.673	8.159	9.007
0	0	0	0	3.434	3.611	5.293	6.196	7.548	8.689
0.534	0.392	0.227	-0.125	4.263	4.007	5.927	6.479	7.903	8.803
0.943	0.644	0.453	0.039	4.443	4.369	6.286	7.057	8.529	9.652
0.986	0.604	0.433	0.237	4.369	4.111	6.019	6.553	7.987	8.887
2.633	2.261	2.243	2.12	5.069	4.745	6.737	7.273	8.733	9.649
2.076	2	1.967	1.701	4.745	4.443	6.409	6.957	8.413	9.345
-0.552	-0.616	-0.729	-0.926	3.892	3.611	5.501	5.994	7.413	8.256
2	1.912	1.342	1.093	4.595	4.29	6.18	6.608	8.023	8.788
0	-0.026	-0.452	-0.896	3.85	3.219	5.371	5.673	7.229	7.982
1.695	1.555	1.42	1.023	4.533	4.111	6.151	6.635	8.126	9.033
1.257	0.996	0.547	0.18	4.533	4.575	6.45	7.334	8.811	10.022
2	2	1.895	1.29	4.635	4.29	6.236	6.698	8.145	8.985
0.903	0.741	0.399	0.191	4.317	4.111	5.989	6.581	7.991	8.929
0.972	0.69	0.395	0.368	4.344	4.111	5.994	6.553	7.965	8.874
0.571	0.162	0.121	-0.016	4.078	3.434	5.631	5.943	7.515	8.285
2.586	2.391	2.272	1.985	4.977	4.691	6.666	7.194	8.646	9.536
1.889	1.55	0.898	0.696	4.595	4.511	6.275	6.909	8.271	9.211
0.838	0.492	0.126	0.071	4.317	4.111	6.028	6.621	8.069	9.021
-0.723	-0.951	-1	0	3.555	2.944	4.99	5.198	6.703	7.303
0.406	0.216	0.023	-0.383	4.143	3.761	5.765	6.217	7.69	8.52
1.714	0.936	0.827	0.502	4.443	4.205	6.098	6.661	8.089	9.004
-0.219	-0.556	-0.825	-1	3.892	3.434	5.501	5.916	7.434	8.26
0.693	0.269	0.045	-0.167	4.369	4.443	6.267	7.132	8.56	9.709
1.741	1.046	0.657	0.43	4.394	3.892	5.964	6.312	7.826	8.582
0.018	0	0	-0.1	4.078	3.892	5.778	6.431	7.867	8.874
3.117	2.944	2.863	2.681	5.389	5.434	7.302	8.167	9.619	10.792
3.056	2.878	2.843	2.615	5.333	5.293	7.191	7.99	9.45	10.587
-1	-1	0	0	3.761	3.761	5.557	6.236	7.653	8.643
0.138	0.056	-0.024	-0.414	4.043	3.611	5.652	6.089	7.589	8.429
1.448	1.165	1.128	0.787	4.489	4.205	6.151	6.673	8.107	8.99
2.949	2.643	2.349	2.196	5.106	5.198	6.932	7.741	9.097	10.169



2.607	2.298	2.132	2.044	4.99	4.745	6.693	7.252	8.693	9.603
1.136	0.71	0.621	0.454	4.369	4.111	6.028	6.594	8.034	8.965
2.128	2	1.967	1.935	4.727	4.29	6.337	6.723	8.216	8.98
2.493	2.374	2.344	2.116	4.934	4.635	6.561	7.04	8.479	9.31
0	0	0	0	3.367	3.219	4.949	5.565	6.847	7.751
1.286	1.111	0.902	0.399	4.615	4.691	6.529	7.403	8.864	10.06
2.414	2.345	2.09	2	4.812	4.575	6.46	6.986	8.398	9.253
3.031	2.858	2.845	2.801	5.352	5.352	7.2	8.023	9.466	10.613
0.122	0	-0.1	-0.207	4.111	4.007	5.808	6.447	7.818	8.757
2	2	1.984	1.919	4.691	4.511	6.425	7.116	8.568	9.613
0.7	0.404	0.12	0	4.29	4.007	5.911	6.399	7.828	8.67
2	2	1.817	1.543	4.635	4.369	6.267	6.825	8.255	9.189
1.767	1.618	1.129	0.718	4.466	4.111	6.12	6.648	8.121	9.033
0	-0.025	-0.1	-0.319	3.97	3.434	5.468	5.74	7.251	7.923
-0.282	-0.657	-0.757	-0.832	3.714	2.944	5.13	5.303	6.834	7.452
2.966	2.853	2.806	2.806	5.283	5.263	7.104	7.883	9.317	10.434
1.51	1.301	1.115	0.639	4.466	4.111	6.066	6.509	7.96	8.775
1.773	1.496	0.836	0.428	4.466	4.205	6.146	6.735	8.173	9.112
-0.254	-0.532	-0.691	-0.721	3.807	3.434	5.342	5.74	7.151	7.907
2	2	1.984	1.847	4.673	4.511	6.435	7.163	8.626	9.709
-0.696	-0.834	-0.998	-1	3.761	3.434	5.371	5.889	7.334	8.23
1.618	1.536	1.225	0.794	4.489	4.111	6.116	6.567	8.022	8.836
0.055	0	-0.087	-0.299	3.97	3.434	5.468	5.74	7.251	7.933
2.489	2.387	2.249	2.176	4.963	4.511	6.497	6.836	8.284	8.981
2.558	2.537	2.484	2.395	5.017	4.745	6.648	7.132	8.557	9.377
3.098	2.944	2.847	2.68	5.38	5.434	7.295	8.164	9.614	10.788
0.295	0.03	0	0	4.111	3.892	5.866	6.608	8.109	9.235
1.298	0.585	0.439	0.381	4.369	4.007	6.019	6.479	7.96	8.796
1.241	0.727	0.498	0.371	4.369	4.007	6.028	6.494	7.978	8.823
0.485	0.107	-0.02	-0.1	4.111	3.611	5.68	6.043	7.57	8.36
1.08	0.563	0.202	0.051	4.369	4.205	6.047	6.635	8.023	8.914
0.626	0.224	-0.168	-0.207	4.29	4.205	6.089	6.825	8.267	9.336
0.635	0.155	0.122	-0.021	4.143	3.611	5.7	6.043	7.571	8.34
1.107	0.937	0.753	0.378	4.575	4.745	6.535	7.479	8.915	10.13
2	2	1.658	1.286	4.595	4.205	6.188	6.635	8.099	8.938
0.693	0.351	0.098	0	4.317	4.205	6.075	6.792	8.224	9.278
1.155	0.62	0.282	0.238	4.317	4.007	5.948	6.431	7.859	8.691
2	2	1.984	1.847	4.673	4.511	6.435	7.163	8.626	9.709
0.955	0.701	0.535	0.12	4.394	4.205	6.08	6.661	8.075	8.997
0.818	0.579	0.256	0.097	4.443	4.511	6.33	7.186	8.613	9.758
0.657	0.289	0.267	0.055	4.205	3.761	5.778	6.155	7.633	8.392
1.996	1.559	0.954	0.728	4.369	3.761	5.894	6.176	7.727	8.447
1.573	1.463	1.237	1.183	4.533	4.29	6.225	6.858	8.295	9.297
0.486	0.176	-0.02	-0.1	4.174	3.761	5.759	6.155	7.646	8.444
0.855	0.704	0.317	0.114	4.317	3.892	5.916	6.293	7.789	8.553
-0.718	-0.78	-1	-1.057	3.714	3.219	5.242	5.602	7.064	7.816
2	1.984	1.843	1.765	4.654	4.111	6.209	6.494	8.025	8.719
0.62	0.403	0.237	-0.071	4.111	3.611	5.638	5.943	7.431	8.132
0.693	0.269	0.045	-0.167	4.369	4.443	6.267	7.132	8.56	9.709
1.51	1.301	1.115	0.639	4.466	4.111	6.066	6.509	7.96	8.775

0.553	0.155	0.119	-0.024	4.078	3.434	5.631	5.943	7.515	8.285
1.1	0.828	0.663	0.37	4.511	4.575	6.395	7.245	8.671	9.815
3.098	2.944	2.847	2.68	5.38	5.434	7.295	8.164	9.614	10.788
0.658	0	-0.004	-0.029	4.29	4.205	6.061	6.804	8.222	9.288
2	2	1.984	1.919	4.691	4.511	6.425	7.116	8.568	9.613
0.208	0	-0.1	-0.161	3.97	3.434	5.398	5.602	7.054	7.623
1.107	0.937	0.753	0.378	4.575	4.745	6.535	7.479	8.915	10.13
2.537	2.291	1.857	1.436	4.905	4.844	6.688	7.391	8.795	9.811
0.852	0.332	0.136	0.015	4.29	4.007	5.943	6.463	7.904	8.779
2.949	2.643	2.349	2.196	5.106	5.198	6.932	7.741	9.097	10.169
2.966	2.853	2.806	2.806	5.283	5.263	7.104	7.883	9.317	10.434
0	0	-0.085	-0.269	3.892	3.434	5.323	5.525	6.957	7.476
-0.282	-0.657	-0.757	-0.832	3.714	2.944	5.13	5.303	6.834	7.452
3.34	3.169	3.133	3.108	5.493	5.38	7.151	7.767	9.104	10.017
2.598	2.315	2.134	2.047	4.99	4.745	6.693	7.252	8.695	9.608
0.868	0.35	0.139	0.018	4.29	4.007	5.943	6.463	7.904	8.779
1.133	0.867	0.593	0.455	4.489	4.29	6.176	6.735	8.163	9.071
3.031	2.858	2.845	2.801	5.352	5.352	7.2	8.023	9.466	10.613
2	1.958	1.341	0.914	4.595	4.29	6.18	6.608	8.023	8.788
0.62	0.351	0.144	0.098	4.344	4.29	6.116	6.858	8.262	9.323
2.076	2	1.967	1.701	4.745	4.443	6.409	6.957	8.413	9.345
1.149	0.935	0.697	0.452	4.489	4.29	6.184	6.758	8.187	9.107

ESpm08u	ESpm09u	ESpm10u	ESpm11u	ESpm12u	ESpm13u	ESpm14u	ESpm15u	ESpm01x	ESpm02x
9.75	10.716	11.874	12.918	14.046	15.127	16.245	17.345	3.497	4.718
9.325	10.212	11.347	12.334	13.436	14.476	15.568	16.635	3.401	4.61
10.005	11.038	12.244	13.356	14.538	15.686	16.862	18.028	3.57	4.806
8.794	9.6	10.739	11.657	12.741	13.718	14.776	15.785	3.135	4.297
10.363	11.482	12.692	13.862	15.066	16.26	17.468	18.675	3.497	4.766
9.633	10.609	11.808	12.88	14.045	15.161	16.315	17.452	3.434	4.644
10.165	11.243	12.465	13.614	14.819	15.999	17.202	18.397	3.401	4.691
10.813	11.911	13.111	14.261	15.45	16.623	17.813	18.998	3.892	5.204
9.122	9.976	11.145	12.104	13.212	14.223	15.304	16.34	3.296	4.454
10.487	11.664	12.946	14.184	15.458	16.72	17.995	19.267	3.434	4.714
9.529	10.482	11.67	12.722	13.874	14.973	16.115	17.236	3.401	4.615
10.38	11.427	12.632	13.756	14.942	16.1	17.283	18.458	3.807	5.078
10.218	11.265	12.459	13.575	14.751	15.9	17.074	18.24	3.526	4.824
10.396	11.562	12.828	14.053	15.311	16.56	17.82	19.079	3.497	4.736
9.704	10.682	11.875	12.948	14.111	15.228	16.383	17.522	3.434	4.663
9.811	10.798	11.973	13.042	14.191	15.3	16.443	17.571	3.555	4.787
9.054	9.986	11.133	12.148	13.26	14.314	15.412	16.486	2.996	4.197
9.828	10.784	11.968	13.018	14.169	15.265	16.406	17.526	3.526	4.779
10.233	11.097	12.229	13.186	14.273	15.278	16.346	17.378	4.263	5.499
10.89	12.115	13.436	14.723	16.041	17.353	18.674	19.996	3.85	5.103
9.872	10.874	12.087	13.183	14.366	15.506	16.681	17.841	3.497	4.736
9.755	10.757	11.946	13.031	14.195	15.319	16.476	17.619	3.434	4.663
9.972	10.937	12.123	13.182	14.337	15.444	16.592	17.723	3.664	4.913
9.633	10.609	11.808	12.88	14.045	15.161	16.315	17.452	3.434	4.644
9.492	10.422	11.601	12.625	13.758	14.824	15.938	17.025	3.466	4.644
10.037	11.073	12.265	13.374	14.545	15.688	16.856	18.015	3.466	4.741
10.557	11.762	13.058	14.321	15.612	16.896	18.189	19.481	3.555	4.82
9.45	10.371	11.532	12.555	13.685	14.759	15.881	16.98	3.466	4.677
10.716	11.943	13.251	14.53	15.837	17.137	18.446	19.755	3.367	4.696
9.594	10.507	11.71	12.741	13.899	14.987	16.13	17.246	3.555	4.754
9.633	10.609	11.808	12.88	14.045	15.161	16.315	17.452	3.401	4.615
10.374	11.606	12.901	14.169	15.457	16.736	18.023	19.307	3.091	4.337
9.46	10.347	11.489	12.471	13.574	14.606	15.695	16.753	3.497	4.7
10.277	11.208	12.373	13.396	14.525	15.594	16.711	17.805	4.127	5.364
9.811	10.807	11.984	13.06	14.214	15.329	16.477	17.612	3.466	4.71
9.966	10.956	12.125	13.202	14.355	15.475	16.629	17.772	3.584	4.868
10.692	11.923	13.241	14.524	15.835	17.137	18.449	19.759	3.434	4.7
9.568	10.686	11.877	13.036	14.219	15.393	16.576	17.756	2.833	4.043
11.518	12.822	14.167	15.503	16.851	18.199	19.552	20.905	3.555	4.963
9.377	10.334	11.474	12.511	13.627	14.703	15.814	16.91	3.219	4.425
8.587	9.245	10.375	11.156	12.21	13.065	14.078	14.979	3.135	4.297
8.874	9.815	10.956	11.976	13.084	14.14	15.235	16.308	2.833	4.016
9.863	10.87	12.078	13.174	14.353	15.49	16.662	17.819	3.401	4.654
11.442	12.763	14.141	15.509	16.896	18.282	19.676	21.071	3.555	4.952
10.162	11.215	12.414	13.543	14.731	15.897	17.086	18.271	3.714	4.966
9.671	10.633	11.81	12.861	14.007	15.103	16.24	17.358	3.526	4.745
9.529	10.482	11.67	12.722	13.874	14.973	16.115	17.236	3.401	4.615
9.856	10.834	12.019	13.085	14.24	15.349	16.497	17.629	3.481	4.743
9.855	10.897	12.101	13.219	14.401	15.554	16.732	17.901	3.401	4.635

8.806	9.601	10.747	11.66	12.747	13.722	14.783	15.79	3.178	4.337
10.479	11.697	13.002	14.272	15.569	16.856	18.151	19.444	3.526	4.758
11.411	12.742	14.125	15.498	16.887	18.276	19.67	21.066	3.466	4.856
10.233	11.088	12.219	13.168	14.253	15.251	16.315	17.339	4.29	5.523
10.315	11.329	12.518	13.61	14.774	15.902	17.059	18.204	3.784	5.072
8.695	9.394	10.499	11.308	12.35	13.225	14.234	15.151	3.178	4.363
9.966	10.956	12.125	13.202	14.355	15.475	16.629	17.772	3.584	4.868
11.488	12.792	14.138	15.473	16.822	18.169	19.521	20.875	3.526	4.927
11.488	12.792	14.138	15.473	16.822	18.169	19.521	20.875	3.555	4.949
9.66	10.657	11.869	12.961	14.141	15.276	16.446	17.6	3.367	4.585
9.774	10.78	11.976	13.068	14.238	15.37	16.534	17.685	3.367	4.605
8.64	9.467	10.562	11.472	12.521	13.475	14.502	15.48	2.89	4.069
9.81	10.744	11.941	12.981	14.135	15.227	16.368	17.486	3.638	4.86
9.72	10.753	11.955	13.069	14.249	15.398	16.574	17.738	3.258	4.505
9.49	10.386	11.578	12.582	13.719	14.774	15.888	16.968	3.466	4.654
10.176	11.214	12.423	13.544	14.733	15.892	17.079	18.256	3.714	4.97
9.757	10.805	11.962	13.057	14.196	15.311	16.445	17.57	3.091	4.35
9.256	10.183	11.295	12.291	13.372	14.401	15.47	16.517	3.135	4.35
9.355	10.307	11.481	12.527	13.666	14.755	15.883	16.992	3.219	4.425
9.533	10.499	11.661	12.703	13.828	14.903	16.013	17.103	3.258	4.483
10.439	11.533	12.734	13.886	15.077	16.253	17.445	18.632	3.611	4.92
10.106	11.096	12.304	13.387	14.561	15.687	16.852	17.999	3.664	4.927
10.189	11.278	12.465	13.603	14.779	15.939	17.116	18.289	3.434	4.696
9.706	10.642	11.787	12.808	13.925	14.991	16.101	17.191	3.466	4.705
10.491	11.758	13.066	14.36	15.665	16.966	18.27	19.574	2.996	4.277
9.829	10.807	11.967	13.023	14.156	15.248	16.375	17.487	3.555	4.792
9.725	10.694	11.851	12.897	14.025	15.107	16.225	17.325	3.466	4.691
11.075	12.284	13.541	14.783	16.045	17.306	18.575	19.848	3.296	4.727
9.707	10.683	11.874	12.945	14.105	15.22	16.372	17.509	3.434	4.663
9.94	10.953	12.135	13.218	14.37	15.483	16.625	17.751	3.434	4.705
11.128	12.37	13.678	14.957	16.255	17.546	18.842	20.136	3.714	5.011
9.774	10.8	12.014	13.122	14.305	15.449	16.623	17.783	3.239	4.497
9.932	10.962	12.167	13.279	14.461	15.61	16.787	17.953	3.555	4.787
10.073	11.038	12.212	13.266	14.411	15.509	16.647	17.768	3.784	5.027
9.96	10.981	12.162	13.251	14.406	15.527	16.674	17.81	3.611	4.844
10.101	11.076	12.255	13.313	14.459	15.556	16.69	17.806	3.738	4.997
9.564	10.504	11.663	12.694	13.821	14.896	16.014	17.111	3.401	4.64
9.769	10.839	12.012	13.125	14.28	15.412	16.561	17.701	3.135	4.363
11.527	12.752	14.051	15.329	16.635	17.938	19.254	20.573	4.078	5.449
10.301	11.366	12.576	13.714	14.91	16.082	17.277	18.467	3.611	4.902
10.998	12.261	13.595	14.909	16.246	17.579	18.92	20.262	3.401	4.775
11.439	12.758	14.138	15.506	16.894	18.281	19.675	21.07	3.555	4.952
9.693	10.601	11.771	12.776	13.899	14.949	16.054	17.127	3.526	4.762
9.633	10.609	11.808	12.88	14.045	15.161	16.315	17.452	3.466	4.673
11.082	12.226	13.462	14.658	15.89	17.111	18.346	19.58	3.97	5.308
9.891	10.982	12.188	13.334	14.524	15.694	16.881	18.062	3.296	4.494
10.045	11.04	12.236	13.321	14.49	15.618	16.782	17.932	3.664	4.913
9.865	10.974	12.165	13.319	14.505	15.68	16.868	18.054	3.045	4.297
8.842	9.608	10.712	11.585	12.634	13.565	14.587	15.549	3.314	4.491
10.232	11.233	12.423	13.505	14.666	15.786	16.938	18.075	3.761	5.04

9.591	10.548	11.701	12.737	13.859	14.932	16.042	17.133	3.367	4.585
9.978	11.048	12.251	13.384	14.569	15.731	16.913	18.089	3.401	4.615
9.729	10.727	11.932	13.024	14.202	15.337	16.507	17.662	3.401	4.635
10.587	11.74	12.994	14.21	15.462	16.706	17.964	19.221	3.761	5.011
10.041	10.895	12.018	12.965	14.044	15.04	16.101	17.124	4.094	5.333
9.492	10.548	11.744	12.865	14.039	15.187	16.354	17.512	3.045	4.27
10.01	10.922	12.112	13.14	14.293	15.381	16.525	17.644	3.912	5.139
8.695	9.394	10.499	11.308	12.35	13.225	14.234	15.151	3.178	4.363
9.855	10.968	12.172	13.335	14.532	15.717	16.915	18.11	3.02	4.307
9.631	10.539	11.733	12.759	13.912	14.997	16.137	17.251	3.611	4.82
9.392	10.298	11.462	12.472	13.599	14.662	15.777	16.866	3.384	4.582
10.557	11.762	13.058	14.321	15.612	16.896	18.189	19.481	3.555	4.82
11.45	12.625	13.863	15.077	16.313	17.545	18.785	20.024	4.043	5.425
11.071	12.214	13.448	14.643	15.873	17.093	18.326	19.559	3.951	5.293
9.596	10.579	11.786	12.864	14.033	15.152	16.309	17.447	3.367	4.564
11.837	13.187	14.568	15.942	17.325	18.709	20.095	21.482	3.584	5.011
9.105	9.975	11.167	12.157	13.294	14.342	15.456	16.531	3.296	4.454
10.229	11.219	12.421	13.504	14.676	15.804	16.969	18.121	3.818	5.061
10.288	11.317	12.52	13.628	14.805	15.947	17.116	18.274	3.761	5.037
9.956	11.168	12.414	13.646	14.888	16.126	17.366	18.606	2.565	3.85
10.053	11.106	12.299	13.421	14.598	15.751	16.927	18.096	3.481	4.743
11.007	12.268	13.602	14.915	16.251	17.584	18.925	20.266	3.434	4.8
10.156	11.228	12.445	13.595	14.801	15.986	17.193	18.394	3.638	4.883
10.931	12.019	13.25	14.418	15.643	16.851	18.082	19.311	4.241	5.516
10.634	11.743	12.988	14.178	15.42	16.649	17.898	19.145	3.922	5.189
9.494	10.495	11.664	12.737	13.88	14.986	16.123	17.245	3.178	4.394
10.011	10.941	12.083	13.096	14.207	15.261	16.36	17.437	3.861	5.101
9.286	10.251	11.451	12.513	13.672	14.776	15.919	17.041	3.135	4.324
10.331	11.424	12.662	13.832	15.055	16.259	17.483	18.702	3.761	4.997
11.413	12.743	14.126	15.499	16.888	18.277	19.672	21.068	3.526	4.902
10.246	11.269	12.467	13.578	14.762	15.917	17.102	18.28	3.912	5.153
10.183	11.27	12.476	13.626	14.823	16.003	17.201	18.395	3.584	4.84
10.123	11.189	12.388	13.523	14.711	15.88	17.07	18.256	3.611	4.864
9.596	10.579	11.786	12.864	14.033	15.152	16.309	17.447	3.401	4.595
10.802	11.853	13.055	14.178	15.36	16.515	17.695	18.866	4.094	5.394
10.444	11.521	12.714	13.854	15.04	16.208	17.396	18.579	3.807	5.075
10.307	11.415	12.649	13.823	15.045	16.248	17.469	18.686	3.401	4.705
8.554	9.35	10.478	11.376	12.444	13.396	14.435	15.416	2.996	4.167
9.786	10.787	11.973	13.053	14.211	15.328	16.477	17.612	3.367	4.605
10.269	11.343	12.555	13.7	14.899	16.077	17.276	18.47	3.784	5.007
9.554	10.567	11.774	12.87	14.045	15.178	16.343	17.491	3.157	4.379
11.032	12.275	13.572	14.846	16.137	17.423	18.714	20.004	3.296	4.691
9.863	10.817	12.002	13.05	14.198	15.291	16.427	17.541	3.611	4.864
10.166	11.318	12.57	13.778	15.022	16.252	17.496	18.736	3.219	4.472
12.147	13.433	14.776	16.108	17.46	18.814	20.178	21.546	4.407	5.775
11.941	13.213	14.555	15.884	17.239	18.597	19.967	21.342	4.369	5.727
9.927	11.053	12.292	13.475	14.699	15.905	17.126	18.341	2.639	4.025
9.715	10.739	11.943	13.048	14.226	15.367	16.538	17.696	3.367	4.585
10.243	11.291	12.485	13.606	14.785	15.941	17.12	18.293	3.689	4.959
11.425	12.596	13.831	15.041	16.274	17.501	18.738	19.974	4.025	5.412

10.869	11.936	13.145	14.283	15.478	16.65	17.846	19.037	4.025	5.361
10.244	11.339	12.569	13.738	14.959	16.161	17.383	18.601	3.584	4.828
10.246	11.191	12.363	13.396	14.53	15.606	16.727	17.825	3.97	5.218
10.559	11.555	12.729	13.801	14.949	16.057	17.198	18.324	4.111	5.378
8.897	9.911	11.015	12.072	13.164	14.24	15.33	16.414	2.485	3.689
11.442	12.763	14.141	15.509	16.896	18.282	19.676	21.071	3.555	4.952
10.486	11.488	12.652	13.722	14.862	15.964	17.096	18.214	3.951	5.231
11.961	13.232	14.569	15.891	17.236	18.581	19.936	21.294	4.443	5.776
9.984	11.048	12.224	13.34	14.5	15.637	16.792	17.939	3.367	4.61
10.925	12.109	13.384	14.623	15.893	17.155	18.429	19.702	3.871	5.133
9.921	10.935	12.123	13.219	14.389	15.526	16.694	17.851	3.555	4.796
10.466	11.573	12.81	13.995	15.229	16.449	17.689	18.926	3.85	5.1
10.317	11.397	12.62	13.773	14.982	16.169	17.378	18.582	3.611	4.879
9.2	10.083	11.255	12.247	13.374	14.421	15.53	16.605	3.296	4.477
8.697	9.525	10.645	11.573	12.637	13.614	14.655	15.656	3.157	4.321
11.772	13.028	14.358	15.673	17.016	18.36	19.716	21.076	4.174	5.58
10.033	11.03	12.216	13.301	14.466	15.594	16.756	17.906	3.689	4.934
10.377	11.46	12.668	13.812	15.004	16.175	17.365	18.549	3.714	4.963
9.12	10.049	11.181	12.191	13.292	14.341	15.431	16.5	3.091	4.284
11.039	12.255	13.551	14.815	16.106	17.388	18.68	19.971	3.871	5.133
9.492	10.548	11.744	12.865	14.039	15.187	16.354	17.512	3.045	4.27
10.082	11.061	12.226	13.282	14.417	15.508	16.634	17.744	3.714	4.963
9.211	10.108	11.282	12.287	13.418	14.477	15.591	16.675	3.277	4.463
10.207	11.081	12.209	13.174	14.26	15.271	16.341	17.377	4.22	5.449
10.614	11.591	12.752	13.803	14.935	16.023	17.147	18.253	4.197	5.469
12.143	13.429	14.772	16.104	17.456	18.81	20.173	21.541	4.382	5.756
10.597	11.853	13.178	14.475	15.792	17.102	18.417	19.73	3.401	4.635
10.069	11.08	12.273	13.362	14.526	15.651	16.808	17.95	3.541	4.81
10.1	11.12	12.319	13.418	14.589	15.724	16.888	18.04	3.541	4.81
9.66	10.657	11.869	12.961	14.141	15.276	16.446	17.6	3.367	4.585
10.136	11.155	12.312	13.386	14.518	15.617	16.74	17.85	3.611	4.86
10.647	11.842	13.118	14.362	15.633	16.897	18.171	19.445	3.296	4.64
9.633	10.609	11.808	12.88	14.045	15.161	16.315	17.452	3.401	4.615
11.488	12.792	14.138	15.473	16.822	18.169	19.521	20.875	3.497	4.905
10.208	11.235	12.439	13.554	14.742	15.9	17.088	18.268	3.892	5.124
10.582	11.771	13.046	14.29	15.564	16.831	18.11	19.388	3.584	4.844
9.926	10.917	12.077	13.139	14.272	15.366	16.49	17.599	3.584	4.82
11.039	12.255	13.551	14.815	16.106	17.388	18.68	19.971	3.871	5.133
10.253	11.327	12.531	13.673	14.866	16.038	17.232	18.42	3.526	4.824
11.082	12.325	13.624	14.901	16.195	17.484	18.779	20.073	3.401	4.787
9.649	10.591	11.755	12.784	13.911	14.981	16.094	17.184	3.555	4.762
9.751	10.695	11.897	12.951	14.116	15.224	16.378	17.512	3.714	4.902
10.587	11.74	12.994	14.21	15.462	16.706	17.964	19.221	3.761	5.011
9.729	10.727	11.932	13.024	14.202	15.337	16.507	17.662	3.401	4.635
9.828	10.784	11.968	13.018	14.169	15.265	16.406	17.526	3.526	4.779
9.054	9.986	11.133	12.148	13.26	14.314	15.412	16.486	2.996	4.197
10.01	10.922	12.112	13.14	14.293	15.381	16.525	17.644	3.912	5.139
9.392	10.298	11.462	12.472	13.599	14.662	15.777	16.866	3.384	4.582
11.032	12.275	13.572	14.846	16.137	17.423	18.714	20.004	3.296	4.691
10.033	11.03	12.216	13.301	14.466	15.594	16.756	17.906	3.689	4.934

9.596	10.579	11.786	12.864	14.033	15.152	16.309	17.447	3.367	4.564
11.141	12.388	13.69	14.973	16.273	17.569	18.87	20.172	3.466	4.852
12.143	13.429	14.772	16.104	17.456	18.81	20.173	21.541	4.382	5.756
10.587	11.781	13.055	14.301	15.575	16.844	18.123	19.403	3.541	4.81
10.925	12.109	13.384	14.623	15.893	17.155	18.429	19.702	3.871	5.133
8.842	9.608	10.712	11.585	12.634	13.565	14.587	15.549	3.314	4.491
11.488	12.792	14.138	15.473	16.822	18.169	19.521	20.875	3.526	4.927
11.082	12.226	13.462	14.658	15.89	17.111	18.346	19.58	3.97	5.308
10.037	11.073	12.265	13.374	14.545	15.688	16.856	18.015	3.466	4.741
11.425	12.596	13.831	15.041	16.274	17.501	18.738	19.974	4.025	5.412
11.772	13.028	14.358	15.673	17.016	18.36	19.716	21.076	4.174	5.58
8.695	9.394	10.499	11.308	12.35	13.225	14.234	15.151	3.178	4.363
8.697	9.525	10.645	11.573	12.637	13.614	14.655	15.656	3.157	4.321
11.215	12.255	13.408	14.504	15.645	16.767	17.909	19.044	4.585	5.897
10.876	11.948	13.161	14.304	15.504	16.682	17.883	19.079	4.025	5.361
10.037	11.073	12.265	13.374	14.545	15.688	16.856	18.015	3.466	4.741
10.337	11.407	12.62	13.764	14.964	16.143	17.345	18.541	3.584	4.902
11.961	13.232	14.569	15.891	17.236	18.581	19.936	21.294	4.443	5.776
10.011	10.94	12.082	13.094	14.203	15.256	16.355	17.43	3.861	5.101
10.612	11.8	13.068	14.309	15.578	16.843	18.119	19.396	3.57	4.85
10.634	11.743	12.988	14.178	15.42	16.649	17.898	19.145	3.922	5.189
10.374	11.451	12.666	13.815	15.018	16.2	17.405	18.605	3.584	4.902

ESpm03x	ESpm04x	ESpm05x	ESpm06x	ESpm07x	ESpm08x	ESpm09x	ESpm10x	ESpm11x	ESpm12x
5.89	7.168	8.481	9.825	11.191	12.574	13.971	15.379	16.796	18.22
5.769	7.036	8.334	9.662	11.012	12.381	13.765	15.163	16.573	17.994
6.036	7.36	8.722	10.118	11.539	12.98	14.436	15.904	17.382	18.868
5.408	6.629	7.883	9.174	10.491	11.832	13.192	14.567	15.955	17.353
6.002	7.373	8.789	10.243	11.721	13.219	14.731	16.255	17.789	19.331
5.825	7.111	8.439	9.805	11.199	12.615	14.049	15.498	16.957	18.425
5.923	7.265	8.641	10.051	11.485	12.938	14.406	15.887	17.378	18.878
6.435	7.771	9.132	10.522	11.93	13.352	14.785	16.228	17.678	19.135
5.593	6.839	8.125	9.446	10.793	12.16	13.541	14.933	16.332	17.738
5.861	7.155	8.49	9.874	11.291	12.735	14.198	15.677	17.168	18.669
5.822	7.122	8.456	9.82	11.206	12.611	14.031	15.463	16.906	18.358
6.253	7.556	8.894	10.272	11.678	13.108	14.556	16.019	17.494	18.98
6.041	7.372	8.734	10.128	11.545	12.979	14.427	15.886	17.355	18.832
5.915	7.217	8.563	9.951	11.37	12.813	14.275	15.752	17.242	18.741
5.842	7.131	8.455	9.814	11.197	12.601	14.022	15.455	16.898	18.35
6.02	7.345	8.703	10.09	11.497	12.921	14.357	15.804	17.26	18.723
5.381	6.674	8.006	9.369	10.753	12.153	13.565	14.987	16.416	17.852
5.973	7.274	8.608	9.974	11.363	12.771	14.194	15.629	17.073	18.526
6.674	7.948	9.246	10.569	11.909	13.262	14.625	15.996	17.374	18.757
6.291	7.604	8.964	10.371	11.811	13.28	14.771	16.28	17.804	19.339
5.931	7.243	8.594	9.983	11.398	12.833	14.285	15.749	17.223	18.705
5.876	7.185	8.53	9.906	11.304	12.72	14.151	15.594	17.047	18.508
6.079	7.368	8.689	10.045	11.425	12.825	14.241	15.67	17.11	18.559
5.825	7.111	8.439	9.805	11.199	12.615	14.049	15.498	16.957	18.425
5.814	7.092	8.416	9.78	11.172	12.587	14.019	15.463	16.917	18.379
5.946	7.271	8.63	10.025	11.443	12.879	14.33	15.792	17.264	18.743
6.041	7.37	8.74	10.149	11.587	13.049	14.531	16.028	17.538	19.058
5.869	7.16	8.484	9.84	11.22	12.621	14.041	15.477	16.927	18.388
5.914	7.267	8.66	10.094	11.558	13.047	14.554	16.077	17.612	19.157
5.871	7.113	8.388	9.701	11.04	12.399	13.775	15.164	16.565	17.975
5.776	7.052	8.366	9.719	11.099	12.502	13.922	15.356	16.8	18.252
5.542	6.887	8.282	9.722	11.192	12.684	14.192	15.712	17.24	18.775
5.874	7.145	8.449	9.784	11.14	12.514	13.903	15.303	16.713	18.131
6.523	7.793	9.09	10.417	11.765	13.129	14.507	15.895	17.292	18.696
5.936	7.255	8.607	9.988	11.39	12.809	14.243	15.687	17.141	18.603
6.019	7.29	8.581	9.901	11.241	12.597	13.969	15.353	16.748	18.153
5.901	7.241	8.63	10.067	11.538	13.034	14.55	16.08	17.622	19.173
5.22	6.524	7.854	9.212	10.585	11.971	13.366	14.77	16.181	17.597
6.227	7.628	9.065	10.54	12.042	13.565	15.103	16.652	18.212	19.778
5.599	6.894	8.227	9.593	10.98	12.384	13.803	15.232	16.671	18.119
5.395	6.607	7.849	9.121	10.412	11.72	13.041	14.373	15.713	17.061
5.2	6.481	7.8	9.152	10.529	11.925	13.338	14.763	16.198	17.641
5.83	7.125	8.453	9.816	11.205	12.614	14.039	15.476	16.923	18.377
6.207	7.603	9.033	10.504	12.005	13.53	15.076	16.639	18.215	19.803
6.183	7.508	8.868	10.26	11.676	13.11	14.559	16.02	17.491	18.969
5.965	7.278	8.626	10.003	11.401	12.816	14.245	15.684	17.132	18.588
5.822	7.122	8.456	9.82	11.206	12.611	14.031	15.463	16.906	18.358
5.941	7.248	8.588	9.962	11.36	12.777	14.209	15.653	17.107	18.569
5.848	7.161	8.511	9.893	11.299	12.724	14.164	15.616	17.078	18.547



5.439	6.653	7.902	9.188	10.502	11.84	13.197	14.57	15.956	17.353
5.92	7.219	8.566	9.96	11.388	12.843	14.32	15.814	17.322	18.84
6.112	7.515	8.957	10.44	11.952	13.489	15.044	16.614	18.197	19.79
6.692	7.962	9.256	10.577	11.914	13.265	14.626	15.995	17.37	18.751
6.274	7.596	8.952	10.343	11.759	13.194	14.643	16.105	17.576	19.056
5.502	6.74	7.999	9.281	10.579	11.889	13.21	14.541	15.88	17.226
6.019	7.29	8.581	9.901	11.241	12.597	13.969	15.353	16.748	18.153
6.188	7.59	9.027	10.504	12.007	13.531	15.069	16.619	18.178	19.743
6.215	7.617	9.055	10.532	12.034	13.555	15.093	16.641	18.199	19.765
5.754	7.035	8.354	9.711	11.097	12.506	13.933	15.374	16.827	18.289
5.791	7.085	8.413	9.776	11.165	12.573	13.998	15.436	16.884	18.342
5.254	6.524	7.823	9.145	10.482	11.83	13.188	14.552	15.923	17.297
6.005	7.277	8.587	9.937	11.315	12.716	14.134	15.565	17.008	18.459
5.667	6.967	8.31	9.692	11.1	12.529	13.975	15.433	16.902	18.38
5.773	7.018	8.301	9.624	10.973	12.344	13.73	15.128	16.535	17.948
6.206	7.537	8.904	10.302	11.724	13.165	14.622	16.092	17.573	19.063
5.627	6.978	8.357	9.757	11.174	12.603	14.043	15.491	16.947	18.408
5.522	6.798	8.105	9.439	10.79	12.154	13.529	14.912	16.301	17.695
5.565	6.838	8.148	9.497	10.873	12.27	13.684	15.112	16.551	18
5.636	6.917	8.233	9.586	10.962	12.357	13.765	15.184	16.61	18.044
6.105	7.41	8.74	10.101	11.483	12.884	14.3	15.728	17.166	18.613
6.079	7.359	8.666	10.011	11.379	12.768	14.173	15.59	17.017	18.453
5.928	7.291	8.698	10.142	11.61	13.097	14.598	16.111	17.632	19.16
5.856	7.124	8.414	9.732	11.064	12.409	13.764	15.125	16.494	17.867
5.489	6.85	8.256	9.705	11.182	12.682	14.199	15.727	17.265	18.81
5.973	7.266	8.596	9.963	11.356	12.768	14.194	15.632	17.078	18.533
5.871	7.151	8.463	9.806	11.171	12.553	13.949	15.356	16.772	18.196
6.033	7.467	8.917	10.389	11.872	13.365	14.865	16.37	17.88	19.393
5.833	7.113	8.427	9.777	11.154	12.552	13.967	15.396	16.836	18.285
5.891	7.197	8.538	9.917	11.322	12.748	14.19	15.646	17.112	18.586
6.206	7.543	8.927	10.358	11.822	13.311	14.817	16.336	17.864	19.4
5.698	7.016	8.373	9.768	11.189	12.63	14.086	15.554	17.031	18.514
5.998	7.308	8.652	10.03	11.433	12.856	14.297	15.75	17.215	18.69
6.17	7.45	8.758	10.1	11.462	12.838	14.226	15.623	17.027	18.437
6.078	7.401	8.764	10.16	11.581	13.021	14.478	15.946	17.425	18.911
6.198	7.511	8.858	10.24	11.646	13.072	14.513	15.966	17.429	18.899
5.828	7.125	8.457	9.823	11.215	12.628	14.058	15.503	16.959	18.426
5.662	7.056	8.49	9.953	11.435	12.931	14.435	15.946	17.461	18.98
6.693	8.064	9.468	10.908	12.374	13.86	15.362	16.877	18.403	19.937
6.12	7.455	8.825	10.23	11.663	13.117	14.588	16.075	17.573	19.082
6.009	7.381	8.788	10.236	11.713	13.214	14.734	16.27	17.819	19.378
6.183	7.573	8.999	10.469	11.971	13.498	15.047	16.612	18.192	19.782
5.918	7.195	8.505	9.849	11.215	12.596	13.99	15.393	16.804	18.22
5.862	7.149	8.477	9.843	11.237	12.655	14.09	15.539	17	18.469
6.555	7.918	9.313	10.742	12.192	13.662	15.146	16.642	18.148	19.663
5.66	6.951	8.289	9.668	11.074	12.499	13.938	15.387	16.843	18.304
6.106	7.417	8.764	10.147	11.553	12.979	14.419	15.872	17.335	18.807
5.538	6.867	8.228	9.616	11.022	12.442	13.874	15.314	16.762	18.215
5.645	6.906	8.199	9.521	10.86	12.214	13.578	14.95	16.329	17.713
6.238	7.557	8.91	10.3	11.714	13.147	14.595	16.056	17.526	19.005

5.801	7.118	8.471	9.851	11.249	12.662	14.086	15.52	16.961	18.408
5.804	7.097	8.429	9.795	11.185	12.593	14.015	15.446	16.886	18.332
5.822	7.115	8.444	9.807	11.195	12.605	14.031	15.471	16.923	18.383
6.21	7.528	8.89	10.289	11.715	13.161	14.623	16.099	17.584	19.079
6.495	7.762	9.051	10.365	11.693	13.033	14.382	15.738	17.099	18.465
5.465	6.762	8.094	9.46	10.848	12.256	13.679	15.113	16.557	18.007
6.321	7.611	8.934	10.292	11.674	13.077	14.498	15.934	17.383	18.844
5.502	6.74	7.999	9.281	10.579	11.889	13.21	14.541	15.88	17.226
5.552	6.901	8.286	9.704	11.143	12.599	14.069	15.549	17.038	18.534
5.957	7.209	8.489	9.802	11.136	12.49	13.858	15.239	16.631	18.033
5.75	7.031	8.35	9.706	11.089	12.494	13.919	15.359	16.812	18.276
6.041	7.37	8.74	10.149	11.587	13.049	14.531	16.028	17.538	19.058
6.632	7.979	9.351	10.755	12.178	13.616	15.066	16.524	17.99	19.462
6.545	7.909	9.306	10.734	12.184	13.653	15.137	16.633	18.139	19.653
5.715	6.99	8.308	9.668	11.056	12.467	13.894	15.333	16.783	18.239
6.297	7.724	9.19	10.697	12.23	13.784	15.354	16.934	18.523	20.119
5.582	6.811	8.076	9.378	10.707	12.058	13.427	14.809	16.203	17.606
6.199	7.486	8.817	10.195	11.603	13.035	14.486	15.951	17.429	18.916
6.216	7.516	8.848	10.215	11.606	13.018	14.446	15.887	17.338	18.798
5.094	6.466	7.872	9.308	10.762	12.232	13.713	15.202	16.698	18.198
5.972	7.304	8.675	10.079	11.506	12.95	14.409	15.879	17.358	18.844
6.026	7.4	8.809	10.26	11.738	13.239	14.759	16.294	17.841	19.398
6.133	7.474	8.853	10.264	11.7	13.157	14.631	16.121	17.624	19.137
6.706	8.012	9.352	10.727	12.124	13.541	14.972	16.415	17.868	19.331
6.379	7.686	9.026	10.401	11.799	13.216	14.649	16.095	17.553	19.021
5.637	6.961	8.322	9.711	11.122	12.548	13.988	15.438	16.897	18.362
6.321	7.631	8.97	10.336	11.72	13.12	14.534	15.958	17.393	18.835
5.435	6.68	7.961	9.284	10.632	12.003	13.389	14.788	16.198	17.615
6.185	7.501	8.864	10.272	11.709	13.172	14.653	16.148	17.656	19.173
6.149	7.542	8.975	10.451	11.959	13.492	15.045	16.614	18.196	19.788
6.362	7.676	9.025	10.405	11.807	13.229	14.666	16.115	17.574	19.043
6.081	7.427	8.81	10.223	11.657	13.108	14.572	16.047	17.531	19.022
6.096	7.436	8.811	10.215	11.641	13.082	14.537	16.002	17.475	18.956
5.767	7.053	8.386	9.758	11.16	12.583	14.024	15.478	16.942	18.413
6.596	7.926	9.288	10.683	12.1	13.534	14.983	16.443	17.913	19.39
6.327	7.675	9.06	10.476	11.917	13.377	14.853	16.343	17.843	19.352
5.876	7.182	8.512	9.877	11.265	12.671	14.092	15.525	16.967	18.416
5.31	6.542	7.798	9.077	10.371	11.677	12.992	14.315	15.644	16.978
5.801	7.106	8.448	9.823	11.22	12.634	14.062	15.501	16.947	18.4
6.257	7.6	8.985	10.406	11.853	13.322	14.809	16.31	17.823	19.345
5.595	6.922	8.294	9.703	11.138	12.594	14.064	15.547	17.038	18.537
5.919	7.3	8.714	10.165	11.639	13.131	14.634	16.147	17.667	19.191
6.026	7.308	8.62	9.967	11.338	12.73	14.138	15.559	16.99	18.431
5.643	6.949	8.294	9.677	11.086	12.513	13.956	15.409	16.872	18.341
7.026	8.416	9.844	11.312	12.807	14.324	15.857	17.404	18.962	20.53
6.969	8.345	9.758	11.209	12.687	14.188	15.706	17.24	18.786	20.343
5.204	6.54	7.884	9.261	10.658	12.072	13.501	14.941	16.391	17.847
5.791	7.093	8.433	9.807	11.205	12.623	14.057	15.503	16.959	18.423
6.181	7.517	8.889	10.291	11.715	13.155	14.609	16.076	17.552	19.036
6.623	7.97	9.341	10.742	12.163	13.599	15.046	16.502	17.965	19.434

6.555	7.881	9.235	10.623	12.03	13.455	14.893	16.342	17.801	19.267
6.022	7.328	8.668	10.041	11.437	12.85	14.278	15.717	17.166	18.623
6.436	7.753	9.108	10.495	11.906	13.334	14.776	16.228	17.69	19.159
6.552	7.837	9.146	10.485	11.844	13.22	14.608	16.007	17.414	18.828
4.787	6.031	7.308	8.615	9.938	11.274	12.618	13.969	15.326	16.687
6.207	7.603	9.033	10.504	12.005	13.53	15.076	16.639	18.215	19.803
6.411	7.707	9.028	10.379	11.749	13.134	14.531	15.938	17.353	18.774
7.014	8.376	9.773	11.21	12.674	14.161	15.666	17.187	18.721	20.265
5.877	7.252	8.67	10.12	11.591	13.079	14.577	16.085	17.599	19.118
6.331	7.647	9.005	10.405	11.834	13.288	14.759	16.245	17.743	19.249
6.038	7.366	8.73	10.125	11.543	12.98	14.432	15.899	17.376	18.864
6.292	7.609	8.968	10.371	11.809	13.276	14.768	16.28	17.808	19.351
6.019	7.305	8.623	9.979	11.359	12.758	14.171	15.596	17.03	18.472
5.637	6.891	8.179	9.498	10.84	12.2	13.574	14.959	16.355	17.758
5.468	6.719	8.009	9.331	10.675	12.034	13.405	14.785	16.172	17.566
6.771	8.116	9.49	10.907	12.353	13.825	15.318	16.829	18.355	19.894
6.115	7.405	8.726	10.077	11.449	12.839	14.242	15.658	17.083	18.516
6.196	7.547	8.944	10.382	11.847	13.334	14.836	16.352	17.877	19.41
5.456	6.74	8.057	9.403	10.77	12.154	13.553	14.964	16.384	17.813
6.342	7.67	9.042	10.457	11.903	13.374	14.865	16.37	17.887	19.414
5.465	6.762	8.094	9.46	10.848	12.256	13.679	15.113	16.557	18.007
6.172	7.491	8.847	10.236	11.646	13.073	14.514	15.964	17.423	18.889
5.628	6.897	8.208	9.558	10.938	12.344	13.772	15.216	16.674	18.142
6.61	7.872	9.16	10.476	11.81	13.157	14.515	15.88	17.251	18.628
6.655	7.951	9.27	10.618	11.984	13.366	14.759	16.162	17.573	18.99
7.011	8.404	9.835	11.304	12.8	14.317	15.852	17.399	18.957	20.525
5.848	7.177	8.555	9.979	11.439	12.927	14.437	15.965	17.505	19.055
5.992	7.297	8.635	10.01	11.408	12.827	14.26	15.707	17.164	18.629
5.999	7.314	8.665	10.052	11.463	12.893	14.339	15.798	17.267	18.744
5.754	7.035	8.354	9.711	11.097	12.506	13.933	15.374	16.827	18.289
6.105	7.438	8.804	10.198	11.61	13.037	14.475	15.922	17.375	18.834
5.85	7.201	8.584	10.004	11.447	12.908	14.382	15.866	17.358	18.856
5.776	7.052	8.366	9.719	11.099	12.502	13.922	15.356	16.8	18.252
6.161	7.566	9.005	10.483	11.987	13.51	15.049	16.599	18.157	19.722
6.329	7.642	8.991	10.374	11.78	13.205	14.645	16.096	17.559	19.029
6.113	7.49	8.915	10.38	11.873	13.39	14.924	16.473	18.034	19.604
6.061	7.396	8.768	10.169	11.59	13.026	14.474	15.931	17.396	18.868
6.342	7.67	9.042	10.457	11.903	13.374	14.865	16.37	17.887	19.414
6.048	7.386	8.758	10.163	11.593	13.042	14.506	15.984	17.471	18.968
6.019	7.398	8.807	10.253	11.722	13.209	14.71	16.22	17.739	19.263
5.979	7.287	8.633	10.009	11.408	12.826	14.257	15.7	17.153	18.613
6.075	7.349	8.666	10.02	11.403	12.809	14.234	15.674	17.126	18.589
6.21	7.528	8.89	10.289	11.715	13.161	14.623	16.099	17.584	19.079
5.822	7.115	8.444	9.807	11.195	12.605	14.031	15.471	16.923	18.383
5.973	7.274	8.608	9.974	11.363	12.771	14.194	15.629	17.073	18.526
5.381	6.674	8.007	9.373	10.76	12.164	13.581	15.009	16.445	17.888
6.321	7.611	8.934	10.292	11.674	13.077	14.498	15.934	17.383	18.844
5.75	7.031	8.35	9.706	11.089	12.494	13.919	15.359	16.812	18.276
5.919	7.3	8.714	10.165	11.639	13.131	14.634	16.147	17.667	19.191
6.115	7.405	8.726	10.077	11.449	12.839	14.242	15.658	17.083	18.516

5.715	6.99	8.308	9.668	11.056	12.467	13.894	15.333	16.783	18.239
6.08	7.457	8.865	10.309	11.777	13.264	14.765	16.276	17.797	19.324
7.011	8.404	9.835	11.304	12.8	14.317	15.852	17.399	18.957	20.525
6.085	7.469	8.9	10.371	11.869	13.39	14.927	16.478	18.04	19.611
6.331	7.647	9.005	10.405	11.834	13.288	14.759	16.245	17.743	19.249
5.645	6.906	8.199	9.521	10.86	12.214	13.578	14.95	16.329	17.713
6.188	7.59	9.027	10.504	12.007	13.531	15.069	16.619	18.178	19.743
6.555	7.918	9.313	10.742	12.192	13.662	15.146	16.642	18.148	19.663
5.946	7.271	8.63	10.025	11.443	12.879	14.33	15.792	17.264	18.743
6.623	7.97	9.341	10.742	12.163	13.599	15.046	16.502	17.965	19.434
6.771	8.116	9.49	10.907	12.353	13.825	15.318	16.829	18.355	19.894
5.502	6.74	7.999	9.281	10.579	11.889	13.21	14.541	15.88	17.226
5.468	6.719	8.009	9.332	10.677	12.039	13.412	14.795	16.185	17.58
7.077	8.373	9.692	11.04	12.407	13.789	15.182	16.584	17.994	19.41
6.555	7.881	9.235	10.623	12.031	13.457	14.897	16.349	17.809	19.279
5.946	7.271	8.63	10.025	11.443	12.879	14.33	15.792	17.264	18.743
6.121	7.457	8.823	10.223	11.648	13.094	14.557	16.034	17.522	19.019
7.014	8.376	9.773	11.21	12.674	14.161	15.666	17.187	18.721	20.265
6.321	7.631	8.97	10.336	11.72	13.12	14.534	15.958	17.392	18.835
6.134	7.522	8.954	10.422	11.916	13.432	14.964	16.51	18.067	19.633
6.379	7.686	9.026	10.401	11.799	13.216	14.649	16.095	17.553	19.021
6.121	7.459	8.829	10.233	11.661	13.11	14.575	16.053	17.542	19.041

ESpm13x	ESpm14x	ESpm15x	ESpm01d	ESpm02d	ESpm03d	ESpm04d	ESpm05d	ESpm06d	ESpm07d
19.65	21.086	22.526	1.785	4.309	4.552	6.081	6.921	8.205	9.264
19.423	20.859	22.301	2.428	4.361	4.968	6.355	7.395	8.663	9.844
20.36	21.858	23.361	1.726	4.35	4.49	6.135	6.902	8.237	9.261
18.759	20.172	21.589	1.747	3.881	4.126	5.53	6.292	7.496	8.463
20.88	22.434	23.993	2.597	4.611	5.555	7.127	8.567	10.146	11.729
19.899	21.38	22.864	1.445	4.172	4.141	5.833	6.453	7.801	8.716
20.384	21.895	23.411	1.785	4.309	4.594	6.166	7.028	8.349	9.442
20.597	22.063	23.534	3.183	5.009	5.901	7.354	8.636	10.053	11.451
19.148	20.561	21.977	1.585	3.984	4.066	5.675	6.416	7.746	8.758
20.177	21.691	23.21	1.629	4.352	4.582	6.243	7.188	8.583	9.789
19.818	21.284	22.755	2.036	4.23	4.629	6.154	7.084	8.402	9.529
20.473	21.974	23.48	2.559	4.772	5.286	6.769	7.801	9.129	10.344
20.315	21.805	23.299	2.431	4.573	5.149	6.607	7.642	8.945	10.134
20.248	21.762	23.281	1.923	4.361	4.762	6.333	7.381	8.77	10.04
19.808	21.272	22.741	1.844	4.267	4.511	6.051	6.852	8.137	9.163
20.192	21.666	23.144	2.497	4.467	5.077	6.545	7.612	8.938	10.153
19.292	20.737	22.185	1.949	3.86	4.332	5.726	6.664	7.902	8.996
19.986	21.451	22.922	1.954	4.378	4.644	6.181	6.996	8.28	9.313
20.145	21.536	22.932	3.286	5.24	5.934	7.351	8.464	9.779	11.022
20.884	22.436	23.995	2.315	4.729	5.155	6.736	7.81	9.227	10.539
20.195	21.69	23.19	1.805	4.325	4.464	6.084	6.825	8.147	9.142
19.977	21.451	22.931	2.097	4.292	4.739	6.253	7.23	8.558	9.727
20.016	21.48	22.949	2.311	4.581	4.933	6.457	7.367	8.689	9.825
19.899	21.38	22.864	1.664	4.188	4.257	5.881	6.563	7.887	8.839
19.847	21.32	22.797	1.435	4.147	4.094	5.829	6.512	7.881	8.873
20.229	21.719	23.215	2.431	4.487	5.069	6.523	7.561	8.864	10.055
20.586	22.122	23.663	2.503	4.553	5.276	6.755	7.945	9.338	10.674
19.86	21.34	22.827	2.434	4.391	4.961	6.41	7.438	8.743	9.93
20.709	22.267	23.83	2.221	4.395	4.961	6.433	7.504	8.847	10.106
19.392	20.816	22.245	2.186	4.376	4.655	6.144	6.985	8.264	9.332
19.711	21.175	22.643	1.56	4.173	4.275	5.893	6.636	7.958	8.968
20.314	21.857	23.403	2.054	4.076	4.77	6.283	7.493	8.908	10.267
19.555	20.986	22.422	2.039	4.326	4.666	6.173	7.053	8.341	9.426
20.107	21.522	22.942	2.916	5.054	5.562	7.024	8.04	9.351	10.546
20.072	21.546	23.026	2.318	4.384	4.925	6.391	7.397	8.708	9.885
19.567	20.988	22.416	2.603	4.649	5.267	6.69	7.747	9.043	10.252
20.731	22.294	23.862	1.509	4.293	4.572	6.263	7.28	8.711	9.978
19.019	20.446	21.876	2.307	3.947	4.842	6.177	7.359	8.635	9.88
21.349	22.925	24.505	2.466	4.763	5.478	7.003	8.19	9.59	10.924
19.573	21.032	22.496	2.206	4.153	4.696	6.098	7.09	8.35	9.495
18.416	19.777	21.142	1.914	3.941	4.198	5.566	6.278	7.439	8.329
19.089	20.541	21.997	1.5	3.626	3.92	5.337	6.149	7.381	8.403
19.838	21.303	22.773	1.694	4.239	4.472	6.051	6.896	8.214	9.297
21.4	23.005	24.615	2.123	4.666	5.215	6.759	7.862	9.253	10.558
20.455	21.946	23.442	2.973	4.734	5.521	6.886	8.044	9.352	10.622
20.05	21.517	22.988	2.359	4.39	4.95	6.445	7.501	8.841	10.058
19.818	21.284	22.755	2.046	4.233	4.639	6.162	7.096	8.412	9.54
20.038	21.512	22.991	1.821	4.327	4.556	6.107	6.911	8.199	9.236
20.024	21.505	22.991	2.17	4.305	4.863	6.367	7.425	8.764	9.984

18.757	20.169	21.585	1.914	3.941	4.244	5.61	6.402	7.593	8.578
20.367	21.901	23.44	2.442	4.44	5.05	6.529	7.686	9.088	10.433
21.391	22.998	24.61	2.453	4.633	5.322	6.828	8.001	9.394	10.726
20.136	21.524	22.917	3.349	5.268	5.964	7.37	8.481	9.79	11.03
20.542	22.033	23.528	2.501	4.75	5.216	6.703	7.68	8.988	10.155
18.579	19.937	21.301	2.111	4.062	4.575	5.944	6.898	8.13	9.242
19.567	20.988	22.416	2.664	4.657	5.296	6.709	7.772	9.064	10.273
21.314	22.89	24.468	2.466	4.728	5.443	6.971	8.158	9.561	10.896
21.335	22.91	24.489	2.686	4.779	5.593	7.086	8.314	9.71	11.058
19.758	21.233	22.712	2.23	4.374	5.096	6.655	7.923	9.401	10.836
19.806	21.277	22.752	2.23	4.399	5.139	6.687	7.957	9.426	10.857
18.676	20.057	21.441	1.905	3.758	4.41	5.79	6.873	8.178	9.41
19.918	21.382	22.852	2.579	4.63	5.288	6.81	8.029	9.479	10.886
19.865	21.356	22.852	2.156	4.226	4.73	6.186	7.2	8.496	9.672
19.366	20.788	22.213	2.033	4.252	4.494	6.002	6.834	8.131	9.2
20.56	22.064	23.574	2.097	4.551	4.838	6.438	7.309	8.661	9.773
19.874	21.344	22.817	2.035	4.051	4.803	6.362	7.627	9.095	10.514
19.094	20.496	21.901	2.104	4.055	4.712	6.088	7.174	8.458	9.677
19.457	20.919	22.387	2.007	4.11	4.573	6.037	7.033	8.329	9.503
19.482	20.924	22.369	2.007	4.174	4.625	6.117	7.121	8.445	9.641
20.066	21.525	22.988	2.603	4.705	5.365	6.797	7.896	9.215	10.466
19.896	21.345	22.799	2.258	4.591	4.995	6.532	7.514	8.859	10.051
20.695	22.234	23.778	2.31	4.451	5.242	6.778	8.082	9.553	10.998
19.244	20.626	22.01	2.126	4.406	4.83	6.282	7.212	8.476	9.581
20.36	21.913	23.468	2.448	4.218	5.192	6.63	7.932	9.329	10.714
19.994	21.46	22.931	2.102	4.429	4.751	6.311	7.231	8.557	9.701
19.626	21.061	22.502	1.629	4.271	4.495	6.039	6.871	8.161	9.218
20.91	22.429	23.951	2.592	4.601	5.623	7.063	8.401	9.813	11.221
19.741	21.202	22.668	1.56	4.232	4.355	5.957	6.704	8.016	9.027
20.067	21.554	23.045	1.844	4.366	4.665	6.272	7.188	8.539	9.683
20.94	22.485	24.032	2.264	4.691	5.256	6.857	8.047	9.497	10.87
20.004	21.497	22.994	1.151	4.065	4.075	5.809	6.525	7.91	8.932
20.172	21.661	23.156	2.407	4.461	5.048	6.527	7.592	8.92	10.138
19.852	21.272	22.695	2.993	4.867	5.595	7.019	8.16	9.492	10.757
20.405	21.904	23.407	2.306	4.522	5.102	6.647	7.749	9.131	10.405
20.377	21.859	23.346	2.322	4.643	5.025	6.548	7.472	8.778	9.902
19.901	21.383	22.871	2.138	4.304	4.738	6.207	7.152	8.443	9.583
20.502	22.025	23.55	1.533	3.992	4.705	6.324	7.623	9.118	10.561
21.479	23.026	24.578	3.032	5.222	5.944	7.427	8.616	10.001	11.338
20.598	22.122	23.651	2.239	4.568	5.004	6.52	7.499	8.82	9.997
20.944	22.518	24.096	2.123	4.481	4.998	6.518	7.574	8.935	10.193
21.38	22.986	24.597	2.062	4.683	5.129	6.742	7.797	9.211	10.5
19.641	21.066	22.494	2.214	4.413	4.713	6.199	7.018	8.286	9.311
19.946	21.429	22.916	1.058	4.158	3.912	5.765	6.242	7.667	8.493
21.184	22.712	24.245	3.034	5.09	5.769	7.221	8.328	9.665	10.923
19.769	21.237	22.707	2.637	4.359	5.236	6.718	8.026	9.471	10.891
20.287	21.772	23.264	2.361	4.575	5	6.505	7.456	8.772	9.924
19.674	21.137	22.604	2.069	4.014	4.794	6.184	7.343	8.66	9.922
19.101	20.493	21.888	2.738	4.39	5.267	6.638	7.869	9.221	10.563
20.489	21.98	23.474	2.427	4.708	5.138	6.638	7.595	8.903	10.058

19.861	21.318	22.778	2.119	4.2	4.56	5.998	6.838	8.086	9.122
19.783	21.238	22.697	2.242	4.284	4.939	6.497	7.734	9.197	10.606
19.851	21.325	22.803	2.385	4.452	5.207	6.731	7.988	9.446	10.869
20.58	22.087	23.599	2.742	4.749	5.414	6.883	8.049	9.442	10.787
19.834	21.207	22.582	3.349	5.136	5.933	7.304	8.462	9.769	11.032
19.464	20.925	22.39	1.737	3.909	4.39	5.887	6.906	8.232	9.434
20.315	21.794	23.281	2.078	4.706	4.787	6.417	7.094	8.402	9.329
18.579	19.937	21.301	2.145	4.067	4.612	5.966	6.938	8.168	9.291
20.036	21.543	23.054	2.152	4.088	4.839	6.264	7.423	8.757	10.038
19.443	20.86	22.283	2.483	4.497	4.999	6.437	7.425	8.711	9.868
19.749	21.229	22.715	1.517	4.163	4.226	5.85	6.515	7.812	8.724
20.586	22.122	23.663	2.503	4.553	5.276	6.755	7.945	9.338	10.674
20.939	22.419	23.904	3.199	5.266	6.017	7.424	8.577	9.893	11.16
21.174	22.702	24.235	2.992	5.073	5.752	7.208	8.312	9.648	10.9
19.701	21.167	22.637	1.472	4.106	4.111	5.796	6.51	7.866	8.88
21.719	23.323	24.93	2.587	4.831	5.607	7.139	8.378	9.807	11.186
19.015	20.431	21.851	1.664	3.987	4.17	5.718	6.531	7.855	8.929
20.412	21.915	23.424	2.224	4.699	4.809	6.416	7.163	8.484	9.495
20.264	21.736	23.212	2.531	4.745	5.248	6.742	7.762	9.087	10.291
19.701	21.207	22.715	2.074	3.779	4.768	6.157	7.433	8.783	10.125
20.336	21.834	23.336	2.426	4.47	5.078	6.532	7.593	8.908	10.12
20.964	22.536	24.113	2.376	4.565	5.184	6.689	7.808	9.179	10.468
20.659	22.189	23.726	2.516	4.572	5.137	6.614	7.641	8.961	10.151
20.801	22.277	23.76	2.894	5.178	5.662	7.158	8.192	9.53	10.764
20.497	21.982	23.473	2.763	4.884	5.45	6.917	7.987	9.323	10.573
19.833	21.308	22.787	1.593	3.992	4.223	5.798	6.594	7.917	8.955
20.286	21.743	23.206	2.692	4.79	5.365	6.832	7.866	9.179	10.37
19.039	20.469	21.902	1.985	4.016	4.476	5.99	7.036	8.405	9.652
20.698	22.229	23.765	2.521	4.689	5.06	6.58	7.512	8.845	10.006
21.389	22.996	24.608	2.437	4.649	5.321	6.831	7.999	9.393	10.724
20.519	22.001	23.489	2.982	4.861	5.552	6.96	8.076	9.393	10.644
20.519	22.021	23.527	2.881	4.608	5.425	6.814	7.994	9.318	10.601
20.443	21.935	23.432	2.881	4.628	5.436	6.819	7.992	9.312	10.59
19.891	21.373	22.859	1.345	4.106	3.951	5.73	6.3	7.693	8.6
20.875	22.365	23.86	3.048	5.128	5.661	7.131	8.142	9.458	10.646
20.869	22.391	23.919	2.586	4.785	5.438	6.938	8.082	9.467	10.787
19.871	21.331	22.794	2.328	4.453	5.044	6.525	7.608	8.951	10.198
18.317	19.659	21.004	1.472	3.641	3.883	5.315	6.08	7.303	8.269
19.858	21.32	22.786	1.94	4.242	4.602	6.13	7.038	8.346	9.453
20.876	22.414	23.957	2.227	4.619	5.235	6.844	8.082	9.575	11.011
20.042	21.552	23.065	1.015	3.914	3.836	5.605	6.249	7.643	8.607
20.72	22.252	23.786	1.841	4.465	4.959	6.552	7.612	8.984	10.22
19.878	21.332	22.791	2.328	4.519	4.972	6.449	7.433	8.744	9.929
19.817	21.297	22.782	1.697	4.13	4.455	6.017	6.936	8.276	9.42
22.105	23.686	25.273	3.365	5.541	6.246	7.754	8.933	10.328	11.662
21.908	23.481	25.061	3.321	5.472	6.149	7.64	8.79	10.163	11.469
19.309	20.775	22.244	0.336	3.765	3.843	5.6	6.336	7.745	8.776
19.894	21.369	22.849	1.609	4.149	4.41	6.052	6.962	8.337	9.491
20.528	22.026	23.529	2.742	4.683	5.28	6.709	7.729	9.013	10.18
20.908	22.386	23.867	3.164	5.252	6.003	7.41	8.56	9.874	11.138

20.739	22.218	23.701	3.186	5.137	5.783	7.174	8.236	9.522	10.728
20.086	21.555	23.029	2.292	4.518	5.019	6.53	7.549	8.88	10.075
20.634	22.114	23.598	1.633	4.749	4.693	6.444	7.051	8.414	9.307
20.248	21.673	23.103	2.747	5.052	5.541	7.015	8.019	9.326	10.51
18.052	19.42	20.79	1.818	3.51	4	5.305	6.243	7.437	8.521
21.4	23.005	24.615	2.376	4.719	5.358	6.88	8.027	9.419	10.74
20.201	21.632	23.068	2.867	5.046	5.709	7.201	8.354	9.737	11.055
21.819	23.381	24.95	3.532	5.561	6.342	7.808	9.005	10.377	11.697
20.641	22.167	23.695	1.933	4.266	4.933	6.501	7.75	9.218	10.641
20.763	22.283	23.808	1.893	4.726	5.051	6.683	7.698	9.1	10.35
20.36	21.863	23.372	1.991	4.396	4.742	6.295	7.203	8.542	9.678
20.904	22.467	24.036	2.59	4.807	5.459	6.99	8.226	9.69	11.121
19.92	21.374	22.833	2.376	4.614	5.117	6.634	7.683	9.022	10.247
19.167	20.582	22.001	1.633	4.04	4.244	5.798	6.579	7.874	8.883
18.963	20.365	21.77	2.692	4.303	5.28	6.667	7.952	9.325	10.692
21.444	23.003	24.57	3.089	5.387	5.961	7.44	8.492	9.817	11.038
19.956	21.402	22.853	2.975	4.798	5.682	7.135	8.416	9.842	11.252
20.949	22.493	24.041	2.247	4.662	5.402	7.069	8.474	10.082	11.672
19.249	20.691	22.137	2.007	3.969	4.53	5.935	6.957	8.227	9.397
20.948	22.489	24.034	2.392	4.777	5.316	6.878	8.009	9.424	10.748
19.464	20.925	22.39	1.737	3.909	4.39	5.887	6.906	8.232	9.434
20.362	21.84	23.322	2.266	4.593	4.936	6.473	7.377	8.692	9.814
19.618	21.101	22.588	1.477	4.017	4.045	5.646	6.278	7.581	8.481
20.008	21.393	22.78	2.916	5.116	5.603	7.065	8.067	9.365	10.545
20.413	21.842	23.274	2.9	5.183	5.708	7.203	8.227	9.549	10.741
22.1	23.681	25.268	3.278	5.511	6.202	7.723	8.903	10.304	11.641
20.613	22.175	23.743	2.245	4.311	5.029	6.553	7.785	9.217	10.598
20.101	21.58	23.063	1.815	4.414	4.6	6.215	7.004	8.333	9.368
20.229	21.719	23.215	1.92	4.42	4.638	6.228	7.032	8.353	9.398
19.758	21.233	22.712	2.23	4.374	5.096	6.655	7.923	9.401	10.836
20.297	21.764	23.234	2.675	4.66	5.547	7.1	8.449	9.948	11.424
20.359	21.865	23.374	1.406	4.323	4.538	6.209	7.083	8.454	9.581
19.711	21.175	22.643	1.56	4.173	4.275	5.893	6.636	7.958	8.968
21.293	22.868	24.446	2.466	4.728	5.434	6.963	8.144	9.543	10.872
20.507	21.991	23.48	2.961	4.829	5.509	6.924	8.042	9.364	10.62
21.181	22.765	24.354	2.176	4.509	5.224	6.824	8.122	9.628	11.095
20.345	21.825	23.31	2.516	4.572	5.331	6.874	8.164	9.66	11.129
20.948	22.489	24.034	2.392	4.777	5.316	6.878	8.009	9.424	10.748
20.471	21.981	23.495	2.556	4.596	5.219	6.654	7.708	9.006	10.206
20.792	22.325	23.861	2.219	4.593	5.213	6.76	7.875	9.241	10.501
20.079	21.55	23.026	2.119	4.386	4.774	6.341	7.297	8.651	9.817
20.06	21.538	23.023	1.526	4.4	4.279	6.031	6.591	7.97	8.842
20.58	22.087	23.599	2.742	4.749	5.414	6.883	8.049	9.442	10.787
19.851	21.325	22.803	2.385	4.452	5.207	6.731	7.988	9.446	10.869
19.986	21.451	22.922	1.954	4.378	4.644	6.181	6.996	8.28	9.313
19.336	20.788	22.245	1.949	3.86	4.332	5.726	6.667	7.904	9.003
20.315	21.794	23.281	2.078	4.706	4.787	6.417	7.094	8.402	9.329
19.749	21.229	22.715	1.517	4.163	4.226	5.85	6.515	7.812	8.724
20.72	22.252	23.786	1.841	4.465	4.959	6.552	7.612	8.984	10.22
19.956	21.402	22.853	2.975	4.798	5.682	7.135	8.416	9.842	11.252



19.701	21.167	22.637	1.472	4.106	4.111	5.796	6.51	7.866	8.88
20.856	22.392	23.932	2.391	4.666	5.302	6.826	7.944	9.306	10.571
22.1	23.681	25.268	3.278	5.511	6.202	7.723	8.903	10.304	11.641
21.19	22.775	24.365	2.176	4.487	5.224	6.818	8.125	9.628	11.097
20.763	22.283	23.808	1.893	4.726	5.051	6.683	7.698	9.1	10.35
19.101	20.493	21.888	2.738	4.39	5.267	6.638	7.869	9.221	10.563
21.314	22.89	24.468	2.466	4.728	5.443	6.971	8.158	9.561	10.896
21.184	22.712	24.245	3.034	5.09	5.769	7.221	8.328	9.665	10.923
20.229	21.719	23.215	2.431	4.487	5.069	6.523	7.561	8.864	10.055
20.908	22.386	23.867	3.164	5.252	6.003	7.41	8.56	9.874	11.138
21.444	23.003	24.57	3.089	5.387	5.961	7.44	8.492	9.817	11.038
18.579	19.937	21.301	2.145	4.067	4.612	5.966	6.938	8.168	9.291
18.98	20.383	21.79	2.692	4.303	5.28	6.667	7.952	9.326	10.693
20.832	22.257	23.687	3.886	5.761	6.613	7.98	9.188	10.51	11.813
20.755	22.237	23.724	3.186	5.137	5.783	7.174	8.236	9.522	10.73
20.229	21.719	23.215	2.431	4.487	5.069	6.523	7.561	8.864	10.055
20.525	22.037	23.554	2.602	4.668	5.292	6.721	7.767	9.058	10.25
21.819	23.381	24.95	3.532	5.561	6.342	7.808	9.005	10.377	11.697
20.285	21.741	23.203	2.692	4.79	5.365	6.832	7.866	9.179	10.37
21.208	22.788	24.375	2.25	4.536	5.278	6.854	8.15	9.644	11.107
20.497	21.982	23.473	2.763	4.884	5.45	6.917	7.987	9.323	10.573
20.547	22.06	23.578	2.602	4.668	5.285	6.719	7.767	9.061	10.257

ESpm08d	ESpm09d	ESpm10d	ESpm11d	ESpm12d	ESpm13d	ESpm14d	ESpm15d	ESpm01r	ESpm02r
10.479	11.621	12.821	13.998	15.198	16.393	17.598	18.803	3.27	4.561
11.095	12.328	13.584	14.838	16.102	17.367	18.636	19.907	3.195	4.455
10.497	11.627	12.837	14.015	15.224	16.424	17.638	18.851	3.207	4.563
9.607	10.663	11.792	12.89	14.02	15.14	16.274	17.406	2.901	4.12
13.348	14.978	16.62	18.267	19.918	21.572	23.227	24.884	3.243	4.591
9.933	10.983	12.157	13.269	14.433	15.576	16.741	17.901	3.165	4.448
10.696	11.883	13.127	14.354	15.602	16.847	18.102	19.358	3.148	4.529
12.889	14.332	15.79	17.255	18.728	20.205	21.686	23.17	3.638	5.049
9.99	11.109	12.309	13.47	14.663	15.842	17.035	18.223	3.016	4.247
11.128	12.425	13.764	15.096	16.442	17.789	19.142	20.497	3.277	4.606
10.79	11.994	13.246	14.483	15.739	16.994	18.256	19.521	3.04	4.362
11.648	12.93	14.242	15.552	16.875	18.202	19.535	20.872	3.586	4.923
11.406	12.65	13.923	15.193	16.475	17.759	19.049	20.343	3.3	4.668
11.407	12.753	14.13	15.506	16.893	18.282	19.676	21.072	3.246	4.573
10.373	11.497	12.692	13.863	15.063	16.259	17.468	18.678	3.17	4.489
11.447	12.713	14.004	15.29	16.586	17.882	19.183	20.486	3.182	4.518
10.193	11.344	12.533	13.709	14.902	16.092	17.29	18.488	2.653	3.974
10.521	11.647	12.84	14.009	15.206	16.399	17.604	18.811	3.235	4.588
12.323	13.61	14.916	16.221	17.533	18.847	20.165	21.484	4	5.302
11.951	13.352	14.784	16.22	17.668	19.12	20.577	22.037	3.595	4.927
10.362	11.466	12.656	13.809	14.996	16.173	17.365	18.556	3.219	4.548
11.014	12.258	13.543	14.821	16.116	17.411	18.714	20.02	3.096	4.427
11.105	12.337	13.619	14.895	16.19	17.487	18.794	20.104	3.437	4.757
10.054	11.129	12.31	13.442	14.619	15.78	16.96	18.137	3.148	4.439
10.115	11.228	12.431	13.591	14.785	15.965	17.158	18.347	3.127	4.405
11.328	12.574	13.849	15.12	16.403	17.689	18.981	20.277	3.215	4.565
12.067	13.451	14.852	16.254	17.662	19.071	20.481	21.893	3.254	4.595
11.203	12.445	13.716	14.98	16.254	17.528	18.806	20.085	3.161	4.461
11.449	12.784	14.147	15.516	16.896	18.281	19.671	21.064	3.165	4.571
10.559	11.724	12.949	14.159	15.393	16.626	17.871	19.117	3.303	4.584
10.197	11.322	12.529	13.705	14.913	16.114	17.328	18.541	3.153	4.441
11.68	13.087	14.511	15.937	17.369	18.804	20.242	21.681	2.856	4.178
10.656	11.825	13.048	14.255	15.483	16.71	17.948	19.187	3.239	4.513
11.833	13.094	14.387	15.677	16.98	18.285	19.597	20.912	3.894	5.196
11.165	12.412	13.695	14.974	16.269	17.566	18.87	20.178	3.109	4.473
11.534	12.8	14.089	15.378	16.676	17.976	19.281	20.588	3.447	4.763
11.359	12.706	14.085	15.461	16.846	18.234	19.625	21.018	3.211	4.55
11.146	12.406	13.672	14.937	16.205	17.473	18.743	20.014	2.667	3.913
12.317	13.703	15.109	16.518	17.936	19.359	20.786	22.217	3.428	4.874
10.728	11.933	13.17	14.402	15.649	16.898	18.155	19.414	2.976	4.259
9.418	10.388	11.452	12.464	13.521	14.556	15.615	16.664	2.934	4.156
9.586	10.696	11.869	13.016	14.189	15.353	16.528	17.7	2.603	3.852
10.544	11.722	12.959	14.178	15.421	16.662	17.913	19.166	3.144	4.483
11.95	13.336	14.751	16.172	17.605	19.044	20.489	21.937	3.398	4.86
11.935	13.244	14.567	15.893	17.225	18.56	19.898	21.238	3.431	4.755
11.361	12.632	13.93	15.221	16.523	17.824	19.129	20.436	3.165	4.472
10.8	12.004	13.255	14.492	15.748	17.001	18.263	19.527	3.054	4.367
10.448	11.582	12.781	13.959	15.163	16.364	17.577	18.792	3.195	4.555
11.288	12.563	13.865	15.161	16.468	17.775	19.087	20.4	3.091	4.408

9.722	10.792	11.929	13.04	14.181	15.314	16.46	17.606	2.934	4.156
11.848	13.261	14.696	16.136	17.584	19.035	20.49	21.947	3.307	4.573
12.121	13.514	14.929	16.351	17.783	19.22	20.663	22.111	3.292	4.754
12.328	13.612	14.915	16.217	17.527	18.838	20.153	21.47	4.036	5.331
11.43	12.675	13.96	15.243	16.543	17.848	19.162	20.482	3.55	4.912
10.453	11.633	12.852	14.066	15.297	16.529	17.77	19.013	2.955	4.199
11.553	12.817	14.104	15.391	16.688	17.988	19.291	20.598	3.44	4.76
12.29	13.676	15.081	16.491	17.908	19.33	20.757	22.187	3.395	4.835
12.451	13.842	15.248	16.659	18.077	19.5	20.928	22.359	3.408	4.841
12.326	13.816	15.322	16.834	18.351	19.871	21.393	22.917	3.082	4.392
12.341	13.827	15.331	16.839	18.355	19.874	21.395	22.918	3.082	4.417
10.712	11.998	13.307	14.614	15.93	17.246	18.566	19.887	2.58	3.841
12.356	13.83	15.323	16.824	18.332	19.845	21.361	22.879	3.367	4.676
10.932	12.159	13.413	14.66	15.915	17.169	18.427	19.686	3.073	4.374
10.433	11.594	12.813	14.012	15.233	16.449	17.675	18.901	3.203	4.471
11.055	12.264	13.532	14.782	16.053	17.321	18.597	19.874	3.374	4.724
11.983	13.448	14.927	16.407	17.891	19.377	20.864	22.352	2.695	4.113
10.958	12.226	13.517	14.807	16.107	17.41	18.718	20.028	2.901	4.183
10.77	12.009	13.28	14.549	15.829	17.113	18.402	19.694	3.03	4.283
10.934	12.198	13.495	14.788	16.094	17.402	18.716	20.033	3.077	4.35
11.783	13.094	14.428	15.766	17.114	18.468	19.828	21.192	3.478	4.821
11.358	12.629	13.938	15.242	16.562	17.883	19.212	20.544	3.44	4.776
12.486	13.98	15.489	17.005	18.527	20.053	21.583	23.115	3.178	4.514
10.802	11.977	13.196	14.405	15.632	16.858	18.094	19.331	3.296	4.587
12.124	13.539	14.966	16.399	17.839	19.283	20.732	22.185	2.815	4.137
10.973	12.2	13.47	14.733	16.012	17.294	18.583	19.876	3.277	4.6
10.438	11.582	12.785	13.965	15.168	16.365	17.572	18.779	3.239	4.533
12.648	14.08	15.521	16.967	18.417	19.872	21.33	22.791	3.178	4.656
10.25	11.373	12.578	13.753	14.959	16.159	17.373	18.586	3.195	4.498
10.967	12.194	13.468	14.729	16.007	17.285	18.57	19.857	3.19	4.541
12.307	13.734	15.179	16.626	18.08	19.537	20.998	22.461	3.503	4.872
10.201	11.349	12.586	13.785	15.017	16.239	17.474	18.706	2.965	4.316
11.437	12.709	14.01	15.307	16.615	17.925	19.24	20.558	3.25	4.562
12.078	13.385	14.71	16.034	17.365	18.698	20.034	21.372	3.592	4.882
11.76	13.093	14.452	15.81	17.178	18.548	19.924	21.302	3.231	4.551
11.154	12.356	13.603	14.84	16.095	17.351	18.615	19.882	3.447	4.807
10.839	12.057	13.316	14.569	15.838	17.109	18.387	19.669	3.14	4.459
12.046	13.526	15.017	16.509	18.004	19.5	20.997	22.495	2.747	4.083
12.732	14.127	15.543	16.969	18.407	19.853	21.307	22.768	3.88	5.326
11.281	12.531	13.816	15.096	16.388	17.682	18.981	20.283	3.374	4.741
11.544	12.882	14.252	15.625	17.011	18.402	19.799	21.198	3.215	4.663
11.897	13.277	14.692	16.11	17.541	18.976	20.417	21.861	3.424	4.88
10.506	11.615	12.79	13.935	15.106	16.268	17.441	18.613	3.285	4.602
9.738	10.733	11.908	12.983	14.135	15.25	16.398	17.532	3.165	4.448
12.252	13.569	14.913	16.26	17.62	18.985	20.357	21.734	3.754	5.17
12.343	13.795	15.257	16.721	18.19	19.661	21.135	22.61	3.059	4.331
11.199	12.431	13.706	14.974	16.258	17.545	18.839	20.136	3.391	4.727
11.229	12.523	13.831	15.137	16.447	17.757	19.068	20.381	2.779	4.117
11.941	13.326	14.727	16.135	17.55	18.97	20.394	21.822	3.025	4.269
11.329	12.565	13.844	15.121	16.415	17.715	19.025	20.339	3.526	4.877

10.316	11.438	12.621	13.782	14.969	16.149	17.341	18.533	3.054	4.378
12.071	13.531	15.007	16.487	17.971	19.458	20.948	22.439	3.114	4.423
12.348	13.832	15.333	16.841	18.356	19.875	21.397	22.92	3.1	4.443
12.201	13.619	15.062	16.515	17.978	19.448	20.924	22.404	3.497	4.815
12.337	13.635	14.945	16.256	17.572	18.889	20.209	21.53	3.863	5.157
10.729	11.997	13.295	14.59	15.896	17.203	18.514	19.828	2.76	4.055
10.519	11.558	12.71	13.804	14.947	16.071	17.218	18.36	3.619	4.941
10.506	11.695	12.92	14.142	15.38	16.62	17.868	19.119	2.96	4.202
11.368	12.691	14.031	15.374	16.725	18.079	19.438	20.8	2.728	4.107
11.123	12.345	13.6	14.849	16.111	17.373	18.64	19.909	3.346	4.638
9.9	10.92	12.053	13.124	14.244	15.34	16.459	17.57	3.122	4.405
12.067	13.451	14.852	16.254	17.662	19.071	20.481	21.893	3.254	4.595
12.471	13.775	15.094	16.414	17.741	19.07	20.402	21.737	3.957	5.377
12.226	13.538	14.877	16.218	17.572	18.931	20.297	21.667	3.735	5.155
10.129	11.264	12.484	13.669	14.885	16.091	17.311	18.528	3.114	4.383
12.614	14.04	15.482	16.927	18.379	19.835	21.295	22.756	3.45	4.922
10.188	11.368	12.613	13.835	15.081	16.32	17.568	18.815	3.011	4.244
10.715	11.83	13.02	14.177	15.363	16.539	17.728	18.915	3.616	4.933
11.59	12.863	14.169	15.472	16.788	18.107	19.43	20.756	3.512	4.872
11.486	12.853	14.228	15.608	16.993	18.382	19.773	21.168	2.416	3.726
11.409	12.675	13.966	15.253	16.551	17.849	19.152	20.457	3.174	4.534
11.831	13.185	14.563	15.946	17.34	18.739	20.143	21.552	3.262	4.695
11.437	12.689	13.974	15.253	16.544	17.837	19.135	20.436	3.292	4.648
12.093	13.409	14.759	16.114	17.483	18.858	20.241	21.628	3.961	5.338
11.906	13.229	14.582	15.94	17.312	18.69	20.076	21.466	3.64	5.012
10.195	11.335	12.552	13.737	14.952	16.157	17.375	18.59	2.785	4.146
11.65	12.898	14.176	15.448	16.731	18.015	19.303	20.594	3.547	4.881
10.993	12.307	13.649	14.987	16.335	17.684	19.036	20.389	2.923	4.164
11.301	12.553	13.851	15.143	16.452	17.762	19.081	20.403	3.52	4.828
12.12	13.513	14.929	16.35	17.782	19.22	20.664	22.112	3.336	4.783
11.954	13.253	14.572	15.892	17.22	18.55	19.885	21.223	3.611	4.929
11.923	13.239	14.568	15.899	17.235	18.574	19.916	21.26	3.27	4.604
11.907	13.22	14.545	15.871	17.203	18.538	19.875	21.215	3.307	4.633
9.842	10.898	12.088	13.21	14.384	15.535	16.708	17.873	3.127	4.39
11.933	13.188	14.477	15.763	17.061	18.362	19.67	20.98	3.852	5.241
12.181	13.574	14.994	16.423	17.864	19.312	20.766	22.225	3.509	4.869
11.52	12.824	14.151	15.477	16.81	18.145	19.483	20.822	3.215	4.586
9.421	10.471	11.6	12.689	13.813	14.921	16.045	17.164	2.688	3.88
10.697	11.879	13.109	14.32	15.549	16.774	18.006	19.239	3.073	4.418
12.511	14.011	15.529	17.052	18.581	20.114	21.65	23.188	3.401	4.73
9.861	10.961	12.17	13.326	14.524	15.704	16.901	18.092	2.874	4.181
11.543	12.834	14.149	15.458	16.776	18.093	19.415	20.737	3.219	4.636
11.22	12.487	13.791	15.096	16.417	17.743	19.077	20.415	3.346	4.676
10.706	11.94	13.224	14.496	15.787	17.077	18.375	19.674	3.049	4.361
13.058	14.452	15.868	17.29	18.724	20.164	21.61	23.062	4.2	5.646
12.84	14.206	15.596	16.994	18.403	19.821	21.246	22.678	4.154	5.591
10.066	11.223	12.475	13.682	14.924	16.151	17.391	18.626	2.632	4.022
10.797	12.043	13.339	14.622	15.923	17.222	18.528	19.835	3.035	4.34
11.432	12.653	13.903	15.146	16.4	17.654	18.913	20.172	3.421	4.767
12.446	13.748	15.064	16.382	17.707	19.034	20.364	21.697	3.942	5.364

12.006	13.271	14.561	15.854	17.16	18.471	19.79	21.114	3.833	5.247
11.368	12.628	13.921	15.208	16.509	17.81	19.118	20.427	3.325	4.655
10.519	11.537	12.691	13.767	14.901	16.004	17.132	18.25	3.643	5.001
11.789	13.041	14.327	15.609	16.905	18.204	19.509	20.817	3.888	5.225
9.689	10.827	11.993	13.153	14.324	15.494	16.669	17.845	2.38	3.633
12.133	13.521	14.935	16.354	17.785	19.222	20.665	22.112	3.405	4.863
12.444	13.831	15.244	16.665	18.099	19.541	20.991	22.446	3.754	5.099
13.066	14.429	15.811	17.197	18.593	19.995	21.403	22.816	4.211	5.623
12.117	13.592	15.082	16.574	18.071	19.571	21.072	22.574	3.049	4.386
11.712	13.043	14.409	15.773	17.151	18.532	19.919	21.31	3.645	4.982
10.964	12.193	13.473	14.741	16.027	17.313	18.607	19.902	3.235	4.574
12.614	14.114	15.633	17.159	18.694	20.233	21.775	23.321	3.595	4.921
11.557	12.846	14.165	15.485	16.818	18.157	19.504	20.855	3.437	4.757
10.093	11.2	12.386	13.538	14.723	15.897	17.085	18.272	2.991	4.266
12.082	13.479	14.885	16.297	17.713	19.133	20.556	21.981	2.791	4.005
12.346	13.636	14.958	16.282	17.623	18.97	20.327	21.691	4.101	5.539
12.706	14.17	15.652	17.144	18.646	20.156	21.671	23.192	3.414	4.747
13.305	14.942	16.59	18.242	19.896	21.551	23.207	24.864	3.398	4.745
10.645	11.871	13.125	14.376	15.639	16.903	18.174	19.447	2.874	4.119
12.152	13.545	14.962	16.383	17.814	19.25	20.691	22.135	3.605	4.957
10.729	11.997	13.295	14.59	15.896	17.203	18.514	19.828	2.76	4.055
11.075	12.282	13.537	14.782	16.044	17.307	18.579	19.853	3.411	4.761
9.67	10.695	11.843	12.928	14.066	15.18	16.318	17.448	3.006	4.27
11.818	13.065	14.344	15.622	16.912	18.204	19.503	20.805	3.942	5.256
12.028	13.283	14.57	15.852	17.146	18.443	19.745	21.05	3.978	5.314
13.04	14.436	15.854	17.278	18.713	20.153	21.601	23.053	4.182	5.633
12.033	13.466	14.916	16.371	17.834	19.3	20.77	22.243	3.091	4.408
10.605	11.743	12.956	14.138	15.35	16.555	17.772	18.989	3.292	4.644
10.636	11.782	12.999	14.19	15.409	16.622	17.847	19.072	3.292	4.644
12.326	13.816	15.322	16.834	18.351	19.871	21.393	22.917	3.082	4.392
12.937	14.453	15.981	17.514	19.053	20.596	22.142	23.69	3.239	4.621
10.872	12.094	13.37	14.628	15.904	17.178	18.459	19.741	3.161	4.557
10.197	11.322	12.529	13.705	14.913	16.114	17.328	18.541	3.153	4.441
12.261	13.642	15.042	16.447	17.86	19.279	20.703	22.132	3.395	4.835
11.934	13.237	14.559	15.881	17.211	18.543	19.88	21.218	3.586	4.894
12.613	14.132	15.667	17.207	18.752	20.301	21.853	23.406	3.223	4.589
12.653	14.183	15.73	17.283	18.842	20.403	21.967	23.533	3.219	4.579
12.152	13.545	14.962	16.383	17.814	19.25	20.691	22.135	3.605	4.957
11.481	12.735	14.016	15.295	16.585	17.878	19.177	20.479	3.288	4.663
11.831	13.136	14.463	15.785	17.116	18.447	19.782	21.118	3.311	4.717
11.11	12.347	13.626	14.89	16.167	17.441	18.72	19.999	3.195	4.5
10.072	11.092	12.266	13.358	14.516	15.644	16.8	17.948	3.411	4.679
12.201	13.619	15.062	16.515	17.978	19.448	20.924	22.404	3.497	4.815
12.348	13.832	15.333	16.841	18.356	19.875	21.397	22.92	3.1	4.443
10.521	11.647	12.84	14.009	15.206	16.399	17.604	18.811	3.235	4.588
10.201	11.357	12.55	13.732	14.93	16.126	17.329	18.534	2.653	3.974
10.519	11.558	12.71	13.804	14.947	16.071	17.218	18.36	3.619	4.941
9.9	10.92	12.053	13.124	14.244	15.34	16.459	17.57	3.122	4.405
11.543	12.834	14.149	15.458	16.776	18.093	19.415	20.737	3.219	4.636
12.706	14.17	15.652	17.144	18.646	20.156	21.671	23.192	3.414	4.747

10.129	11.264	12.484	13.669	14.885	16.091	17.311	18.528	3.114	4.383
11.903	13.214	14.545	15.875	17.212	18.55	19.893	21.237	3.367	4.78
13.04	14.436	15.854	17.278	18.713	20.153	21.601	23.053	4.182	5.633
12.614	14.134	15.669	17.209	18.755	20.304	21.856	23.41	3.157	4.548
11.712	13.043	14.409	15.773	17.151	18.532	19.919	21.31	3.645	4.982
11.941	13.326	14.727	16.135	17.55	18.97	20.394	21.822	3.025	4.269
12.29	13.676	15.081	16.491	17.908	19.33	20.757	22.187	3.395	4.835
12.252	13.569	14.913	16.26	17.62	18.985	20.357	21.734	3.754	5.17
11.328	12.574	13.849	15.12	16.403	17.689	18.981	20.277	3.215	4.565
12.446	13.748	15.064	16.382	17.707	19.034	20.364	21.697	3.942	5.364
12.346	13.636	14.958	16.282	17.623	18.97	20.327	21.691	4.101	5.539
10.506	11.695	12.92	14.142	15.38	16.62	17.868	19.119	2.96	4.202
12.085	13.482	14.889	16.301	17.717	19.138	20.561	21.986	2.791	4.005
13.143	14.475	15.816	17.159	18.507	19.856	21.208	22.562	4.444	5.79
12.009	13.276	14.568	15.864	17.172	18.485	19.806	21.133	3.833	5.247
11.328	12.574	13.849	15.12	16.403	17.689	18.981	20.277	3.223	4.569
11.52	12.769	14.046	15.321	16.609	17.899	19.196	20.496	3.353	4.75
13.066	14.429	15.811	17.197	18.593	19.995	21.403	22.816	4.211	5.623
11.65	12.898	14.176	15.448	16.731	18.014	19.303	20.594	3.547	4.881
12.62	14.137	15.67	17.209	18.754	20.302	21.853	23.407	3.227	4.611
11.906	13.229	14.582	15.94	17.312	18.69	20.076	21.466	3.64	5.012
11.529	12.781	14.059	15.336	16.624	17.916	19.213	20.515	3.353	4.75

ESpm03r	ESpm04r	ESpm05r	ESpm06r	ESpm07r	ESpm08r	ESpm09r	ESpm10r	ESpm11r	ESpm12r
5.628	6.86	8.11	9.399	10.708	12.035	13.374	14.724	16.082	17.446
5.509	6.716	7.932	9.181	10.448	11.732	13.028	14.337	15.656	16.984
5.623	6.876	8.143	9.456	10.793	12.151	13.524	14.909	16.303	17.705
5.12	6.29	7.471	8.691	9.931	11.189	12.46	13.742	15.032	16.331
5.695	6.984	8.293	9.64	11.006	12.388	13.781	15.183	16.592	18.007
5.493	6.717	7.962	9.253	10.571	11.912	13.27	14.641	16.023	17.414
5.639	6.926	8.228	9.57	10.935	12.321	13.722	15.135	16.559	17.99
6.178	7.468	8.77	10.108	11.463	12.833	14.215	15.605	17.003	18.406
5.242	6.425	7.625	8.874	10.146	11.438	12.743	14.059	15.381	16.708
5.694	6.976	8.295	9.67	11.078	12.512	13.966	15.435	16.915	18.403
5.404	6.634	7.873	9.154	10.458	11.782	13.122	14.475	15.838	17.21
6.001	7.261	8.538	9.858	11.204	12.57	13.952	15.346	16.751	18.164
5.781	7.063	8.357	9.688	11.039	12.406	13.785	15.175	16.574	17.979
5.65	6.924	8.232	9.595	10.992	12.415	13.857	15.313	16.78	18.256
5.535	6.762	8.002	9.285	10.592	11.921	13.266	14.625	15.996	17.375
5.593	6.842	8.102	9.402	10.721	12.058	13.408	14.768	16.138	17.515
4.973	6.178	7.392	8.65	9.928	11.224	12.533	13.851	15.178	16.51
5.637	6.876	8.12	9.406	10.712	12.037	13.376	14.727	16.087	17.455
6.368	7.59	8.818	10.079	11.355	12.644	13.942	15.249	16.562	17.88
6.013	7.297	8.621	10.008	11.435	12.895	14.379	15.882	17.399	18.928
5.597	6.84	8.098	9.405	10.737	12.092	13.464	14.849	16.245	17.649
5.491	6.738	7.999	9.303	10.628	11.973	13.333	14.704	16.084	17.473
5.816	7.057	8.31	9.604	10.92	12.254	13.604	14.966	16.338	17.719
5.477	6.7	7.942	9.231	10.546	11.885	13.241	14.61	15.99	17.379
5.403	6.61	7.833	9.106	10.404	11.723	13.057	14.401	15.754	17.113
5.649	6.915	8.194	9.515	10.857	12.217	13.59	14.975	16.368	17.769
5.699	6.991	8.317	9.696	11.108	12.55	14.012	15.491	16.983	18.485
5.496	6.707	7.92	9.17	10.439	11.725	13.027	14.341	15.667	17.002
5.704	7.034	8.389	9.794	11.231	12.693	14.176	15.675	17.185	18.705
5.578	6.772	7.979	9.236	10.52	11.829	13.156	14.498	15.852	17.217
5.476	6.696	7.932	9.215	10.524	11.856	13.204	14.566	15.938	17.319
5.295	6.617	7.984	9.407	10.863	12.341	13.834	15.338	16.849	18.364
5.567	6.78	8.006	9.268	10.549	11.845	13.154	14.472	15.798	17.131
6.252	7.476	8.71	9.983	11.276	12.587	13.911	15.245	16.589	17.939
5.547	6.8	8.063	9.365	10.687	12.027	13.381	14.745	16.119	17.5
5.859	7.103	8.358	9.647	10.955	12.281	13.623	14.978	16.345	17.722
5.661	6.98	8.339	9.755	11.207	12.684	14.18	15.69	17.21	18.738
5.031	6.313	7.624	8.975	10.349	11.742	13.148	14.565	15.99	17.42
6.109	7.507	8.938	10.41	11.908	13.427	14.961	16.507	18.062	19.623
5.301	6.527	7.768	9.046	10.343	11.656	12.981	14.317	15.662	17.015
5.145	6.304	7.464	8.658	9.864	11.082	12.308	13.541	14.78	16.023
4.906	6.12	7.347	8.612	9.897	11.201	12.518	13.846	15.184	16.528
5.54	6.79	8.051	9.359	10.689	12.04	13.407	14.785	16.173	17.569
6.056	7.435	8.843	10.298	11.787	13.303	14.842	16.398	17.969	19.551
5.843	7.099	8.371	9.685	11.024	12.384	13.762	15.154	16.558	17.971
5.538	6.776	8.027	9.318	10.629	11.959	13.301	14.655	16.018	17.389
5.416	6.646	7.887	9.17	10.475	11.8	13.141	14.495	15.859	17.232
5.604	6.848	8.096	9.386	10.696	12.025	13.368	14.722	16.085	17.456
5.491	6.75	8.028	9.348	10.692	12.056	13.434	14.823	16.222	17.628

5.138	6.3	7.468	8.678	9.906	11.154	12.414	13.687	14.968	16.257
5.628	6.89	8.2	9.577	10.997	12.449	13.924	15.416	16.92	18.432
5.946	7.333	8.752	10.221	11.723	13.252	14.801	16.367	17.945	19.532
6.392	7.609	8.834	10.091	11.364	12.65	13.947	15.251	16.562	17.878
5.993	7.253	8.525	9.837	11.171	12.522	13.888	15.264	16.65	18.042
5.225	6.402	7.575	8.775	9.985	11.204	12.431	13.664	14.903	16.147
5.854	7.097	8.352	9.64	10.947	12.274	13.615	14.971	16.338	17.715
6.066	7.464	8.896	10.37	11.871	13.392	14.928	16.476	18.031	19.593
6.074	7.472	8.904	10.378	11.879	13.399	14.935	16.482	18.037	19.599
5.417	6.639	7.871	9.153	10.46	11.793	13.143	14.508	15.884	17.269
5.468	6.71	7.961	9.257	10.575	11.913	13.266	14.631	16.005	17.387
4.875	6.068	7.265	8.493	9.735	10.988	12.249	13.517	14.79	16.067
5.677	6.89	8.109	9.379	10.673	11.989	13.32	14.664	16.018	17.38
5.429	6.673	7.94	9.253	10.591	11.951	13.327	14.716	16.116	17.524
5.454	6.648	7.854	9.114	10.399	11.707	13.029	14.362	15.704	17.051
5.812	7.078	8.357	9.677	11.02	12.384	13.764	15.157	16.56	17.972
5.214	6.487	7.758	9.059	10.373	11.7	13.035	14.377	15.723	17.075
5.245	6.469	7.706	8.977	10.263	11.563	12.872	14.188	15.509	16.836
5.314	6.525	7.755	9.03	10.33	11.652	12.989	14.34	15.7	17.07
5.402	6.629	7.875	9.164	10.475	11.805	13.148	14.5	15.86	17.224
5.959	7.246	8.552	9.894	11.258	12.641	14.039	15.449	16.87	18.298
5.828	7.072	8.327	9.628	10.953	12.299	13.661	15.034	16.418	17.809
5.622	6.907	8.213	9.556	10.917	12.293	13.68	15.074	16.474	17.879
5.66	6.894	8.137	9.413	10.706	12.014	13.334	14.663	16.001	17.346
5.297	6.642	8.035	9.479	10.956	12.456	13.971	15.496	17.028	18.565
5.646	6.881	8.131	9.423	10.736	12.065	13.406	14.756	16.113	17.476
5.607	6.839	8.088	9.376	10.685	12.011	13.351	14.7	16.058	17.423
5.926	7.336	8.753	10.192	11.643	13.105	14.574	16.05	17.532	19.02
5.553	6.782	8.024	9.309	10.617	11.946	13.291	14.649	16.017	17.394
5.615	6.872	8.144	9.457	10.792	12.145	13.511	14.887	16.27	17.658
5.993	7.316	8.679	10.098	11.55	13.026	14.518	16.021	17.531	19.047
5.385	6.649	7.927	9.252	10.601	11.971	13.356	14.753	16.159	17.571
5.64	6.891	8.158	9.469	10.804	12.16	13.533	14.92	16.316	17.721
5.931	7.166	8.416	9.708	11.02	12.349	13.692	15.044	16.405	17.774
5.618	6.873	8.145	9.46	10.796	12.149	13.514	14.889	16.27	17.656
5.864	7.109	8.363	9.658	10.974	12.308	13.654	15.011	16.376	17.748
5.516	6.745	7.984	9.261	10.557	11.871	13.199	14.539	15.888	17.245
5.218	6.514	7.827	9.174	10.538	11.914	13.298	14.689	16.083	17.481
6.493	7.836	9.2	10.607	12.04	13.495	14.967	16.453	17.95	19.458
5.845	7.125	8.419	9.752	11.108	12.482	13.871	15.273	16.685	18.106
5.825	7.178	8.557	9.986	11.445	12.931	14.437	15.959	17.494	19.038
6.054	7.428	8.831	10.286	11.774	13.292	14.831	16.389	17.961	19.544
5.632	6.854	8.085	9.361	10.656	11.97	13.297	14.634	15.978	17.329
5.493	6.717	7.962	9.253	10.571	11.912	13.27	14.641	16.023	17.414
6.329	7.654	8.997	10.375	11.774	13.192	14.622	16.065	17.516	18.975
5.379	6.612	7.877	9.191	10.531	11.892	13.267	14.652	16.044	17.442
5.782	7.029	8.289	9.593	10.92	12.268	13.631	15.006	16.392	17.786
5.257	6.545	7.852	9.193	10.553	11.929	13.316	14.713	16.118	17.528
5.274	6.447	7.624	8.835	10.061	11.302	12.553	13.814	15.082	16.357
5.949	7.202	8.467	9.774	11.103	12.451	13.813	15.186	16.569	17.958



5.433	6.676	7.926	9.212	10.515	11.833	13.163	14.502	15.849	17.202
5.489	6.734	8	9.311	10.645	11.997	13.363	14.738	16.121	17.51
5.479	6.71	7.945	9.227	10.533	11.862	13.209	14.571	15.945	17.328
5.902	7.184	8.498	9.861	11.253	12.671	14.107	15.559	17.024	18.499
6.222	7.44	8.665	9.92	11.19	12.472	13.765	15.065	16.372	17.684
5.128	6.374	7.644	8.959	10.299	11.661	13.039	14.428	15.826	17.231
5.973	7.191	8.414	9.678	10.961	12.262	13.578	14.907	16.246	17.595
5.233	6.411	7.588	8.792	10.005	11.229	12.46	13.698	14.941	16.19
5.229	6.526	7.841	9.192	10.563	11.95	13.35	14.761	16.179	17.605
5.652	6.852	8.061	9.316	10.595	11.896	13.215	14.549	15.895	17.253
5.427	6.634	7.851	9.108	10.387	11.685	12.999	14.325	15.663	17.009
5.699	6.991	8.317	9.696	11.108	12.55	14.012	15.491	16.983	18.485
6.558	7.898	9.257	10.65	12.062	13.489	14.927	16.376	17.831	19.293
6.318	7.645	8.988	10.366	11.765	13.182	14.612	16.054	17.504	18.962
5.4	6.616	7.854	9.143	10.46	11.801	13.158	14.528	15.907	17.294
6.181	7.606	9.068	10.573	12.105	13.657	15.224	16.802	18.387	19.978
5.237	6.413	7.605	8.848	10.118	11.411	12.722	14.047	15.383	16.728
5.948	7.174	8.412	9.7	11.014	12.349	13.7	15.063	16.436	17.818
5.934	7.184	8.444	9.75	11.081	12.432	13.8	15.18	16.57	17.968
4.931	6.29	7.685	9.114	10.564	12.028	13.503	14.984	16.469	17.958
5.623	6.895	8.182	9.509	10.857	12.222	13.601	14.989	16.387	17.791
5.851	7.203	8.58	10.008	11.466	12.95	14.455	15.976	17.509	19.053
5.743	7.009	8.29	9.612	10.958	12.326	13.712	15.112	16.525	17.947
6.411	7.68	8.966	10.299	11.657	13.037	14.436	15.849	17.276	18.714
6.085	7.354	8.64	9.976	11.339	12.727	14.136	15.562	17.002	18.455
5.207	6.452	7.707	9.001	10.316	11.65	12.996	14.354	15.72	17.093
5.96	7.199	8.443	9.72	11.012	12.319	13.636	14.962	16.296	17.635
5.179	6.387	7.619	8.903	10.216	11.552	12.907	14.274	15.652	17.037
5.891	7.144	8.424	9.755	11.118	12.506	13.915	15.34	16.778	18.226
5.968	7.348	8.761	10.228	11.727	13.255	14.803	16.369	17.946	19.534
6.005	7.251	8.513	9.816	11.143	12.491	13.857	15.237	16.63	18.033
5.711	6.99	8.289	9.628	10.99	12.372	13.769	15.179	16.599	18.026
5.732	7.001	8.289	9.617	10.967	12.338	13.723	15.122	16.531	17.948
5.419	6.64	7.886	9.184	10.51	11.86	13.227	14.606	15.995	17.392
6.333	7.617	8.911	10.244	11.597	12.967	14.351	15.745	17.149	18.56
5.999	7.276	8.567	9.893	11.238	12.602	13.979	15.369	16.767	18.175
5.69	6.979	8.281	9.626	10.995	12.384	13.789	15.207	16.635	18.07
4.879	6.046	7.231	8.455	9.699	10.959	12.23	13.508	14.793	16.081
5.481	6.734	8.001	9.311	10.643	11.995	13.36	14.736	16.121	17.513
5.82	7.081	8.36	9.681	11.024	12.387	13.766	15.156	16.557	17.966
5.241	6.488	7.754	9.067	10.405	11.764	13.139	14.524	15.919	17.321
5.838	7.212	8.618	10.064	11.534	13.023	14.523	16.033	17.549	19.069
5.704	6.925	8.154	9.429	10.727	12.046	13.379	14.725	16.08	17.442
5.461	6.744	8.058	9.42	10.812	12.227	13.66	15.107	16.565	18.03
6.83	8.206	9.613	11.066	12.547	14.051	15.572	17.106	18.652	20.207
6.754	8.109	9.491	10.922	12.383	13.87	15.377	16.901	18.439	19.988
5.198	6.531	7.871	9.245	10.638	12.049	13.474	14.911	16.357	17.809
5.401	6.646	7.909	9.217	10.55	11.904	13.273	14.654	16.044	17.442
5.858	7.132	8.42	9.745	11.09	12.453	13.829	15.217	16.616	18.022
6.55	7.89	9.248	10.639	12.048	13.473	14.909	16.355	17.808	19.267

6.353	7.644	8.945	10.284	11.642	13.019	14.409	15.811	17.222	18.642
5.743	7.009	8.297	9.631	10.991	12.375	13.776	15.191	16.618	18.055
6.058	7.303	8.554	9.845	11.155	12.48	13.816	15.162	16.515	17.874
6.314	7.569	8.836	10.141	11.466	12.808	14.163	15.528	16.901	18.281
4.71	5.95	7.216	8.511	9.822	11.145	12.477	13.815	15.158	16.506
6.06	7.44	8.847	10.303	11.791	13.307	14.845	16.402	17.972	19.554
6.198	7.464	8.74	10.053	11.384	12.73	14.088	15.454	16.826	18.204
6.791	8.14	9.519	10.947	12.407	13.892	15.397	16.918	18.453	19.998
5.506	6.79	8.09	9.425	10.776	12.143	13.52	14.906	16.297	17.694
6.099	7.397	8.729	10.112	11.526	12.964	14.42	15.89	17.37	18.858
5.664	6.917	8.182	9.483	10.804	12.144	13.497	14.862	16.238	17.622
6	7.253	8.525	9.841	11.183	12.551	13.937	15.341	16.759	18.188
5.824	7.087	8.372	9.707	11.069	12.454	13.856	15.272	16.699	18.135
5.286	6.482	7.691	8.943	10.22	11.517	12.831	14.157	15.495	16.841
4.946	6.104	7.277	8.5	9.746	11.01	12.286	13.572	14.864	16.16
6.705	8.045	9.409	10.821	12.263	13.733	15.225	16.737	18.264	19.804
5.806	7.047	8.296	9.586	10.896	12.226	13.571	14.929	16.297	17.674
5.829	7.097	8.384	9.714	11.065	12.435	13.816	15.207	16.605	18.009
5.171	6.388	7.621	8.888	10.174	11.476	12.791	14.116	15.45	16.79
6.074	7.382	8.729	10.132	11.569	13.032	14.513	16.008	17.514	19.027
5.128	6.374	7.644	8.959	10.299	11.661	13.039	14.428	15.826	17.231
5.823	7.076	8.339	9.642	10.962	12.298	13.644	15	16.362	17.73
5.295	6.494	7.704	8.958	10.234	11.531	12.845	14.173	15.513	16.862
6.299	7.515	8.735	9.992	11.263	12.549	13.844	15.147	16.457	17.773
6.413	7.671	8.939	10.242	11.562	12.897	14.243	15.598	16.959	18.326
6.821	8.199	9.607	11.061	12.543	14.047	15.568	17.103	18.648	20.204
5.517	6.825	8.179	9.596	11.053	12.539	14.045	15.564	17.093	18.629
5.721	6.985	8.262	9.579	10.917	12.272	13.641	15.02	16.407	17.801
5.723	6.993	8.274	9.597	10.941	12.302	13.677	15.062	16.456	17.857
5.417	6.639	7.871	9.153	10.46	11.793	13.143	14.508	15.884	17.269
5.702	6.966	8.235	9.541	10.863	12.197	13.541	14.891	16.246	17.604
5.712	7.045	8.405	9.809	11.241	12.693	14.161	15.641	17.13	18.626
5.476	6.696	7.932	9.215	10.524	11.856	13.204	14.566	15.938	17.319
6.066	7.464	8.896	10.37	11.871	13.392	14.928	16.476	18.031	19.593
5.961	7.203	8.464	9.768	11.098	12.45	13.819	15.203	16.6	18.007
5.712	7.018	8.349	9.726	11.131	12.558	14.003	15.461	16.93	18.408
5.642	6.897	8.159	9.458	10.775	12.108	13.452	14.805	16.166	17.532
6.074	7.382	8.729	10.132	11.569	13.032	14.513	16.008	17.514	19.027
5.773	7.055	8.35	9.683	11.038	12.411	13.799	15.199	16.609	18.027
5.921	7.291	8.691	10.133	11.6	13.085	14.585	16.094	17.611	19.133
5.555	6.788	8.034	9.32	10.627	11.951	13.287	14.634	15.989	17.35
5.704	6.911	8.138	9.412	10.714	12.04	13.384	14.743	16.114	17.496
5.902	7.184	8.498	9.861	11.253	12.671	14.107	15.559	17.024	18.499
5.479	6.71	7.945	9.227	10.533	11.862	13.209	14.571	15.945	17.328
5.637	6.876	8.12	9.406	10.712	12.037	13.376	14.727	16.087	17.455
4.973	6.178	7.392	8.65	9.928	11.224	12.533	13.851	15.178	16.51
5.973	7.191	8.414	9.678	10.961	12.262	13.578	14.907	16.246	17.595
5.427	6.634	7.851	9.108	10.387	11.685	12.999	14.325	15.663	17.009
5.838	7.212	8.618	10.064	11.534	13.023	14.523	16.033	17.549	19.069
5.806	7.047	8.296	9.586	10.896	12.226	13.571	14.929	16.297	17.674

5.4	6.616	7.854	9.143	10.46	11.801	13.158	14.528	15.907	17.294
5.982	7.351	8.749	10.189	11.654	13.14	14.639	16.15	17.668	19.193
6.821	8.199	9.607	11.061	12.543	14.047	15.568	17.103	18.648	20.204
5.668	6.982	8.319	9.702	11.11	12.539	13.985	15.443	16.913	18.391
6.099	7.397	8.729	10.112	11.526	12.964	14.42	15.89	17.37	18.858
5.274	6.447	7.624	8.835	10.061	11.302	12.553	13.814	15.082	16.357
6.066	7.464	8.896	10.37	11.871	13.392	14.928	16.476	18.031	19.593
6.329	7.654	8.997	10.375	11.774	13.192	14.622	16.065	17.516	18.975
5.649	6.915	8.194	9.515	10.857	12.217	13.59	14.975	16.368	17.769
6.55	7.89	9.248	10.639	12.048	13.473	14.909	16.355	17.808	19.267
6.705	8.045	9.409	10.821	12.263	13.733	15.225	16.737	18.264	19.804
5.233	6.411	7.588	8.792	10.005	11.229	12.46	13.698	14.941	16.19
4.946	6.104	7.277	8.5	9.746	11.01	12.286	13.572	14.864	16.16
6.919	8.19	9.475	10.791	12.125	13.473	14.832	16.201	17.577	18.959
6.353	7.644	8.945	10.284	11.644	13.022	14.415	15.819	17.234	18.657
5.657	6.924	8.206	9.529	10.872	12.235	13.611	14.998	16.394	17.797
5.859	7.142	8.432	9.762	11.113	12.484	13.871	15.271	16.682	18.102
6.791	8.14	9.519	10.947	12.407	13.892	15.397	16.918	18.453	19.998
5.96	7.199	8.443	9.72	11.012	12.319	13.636	14.962	16.295	17.634
5.753	7.067	8.404	9.782	11.185	12.608	14.048	15.501	16.966	18.439
6.085	7.354	8.64	9.976	11.339	12.727	14.136	15.562	17.002	18.455
5.86	7.146	8.443	9.778	11.135	12.512	13.903	15.307	16.722	18.145

ESpm13r	ESpm14r	ESpm15r	BEHm1	BEHm2	BEHm3	BEHm4	BEHm5	BEHm6	BEHm7
18.815	20.189	21.568	3.926	3.721	3.597	3.209	3.109	3.022	2.717
18.321	19.664	21.013	3.888	3.527	3.472	3.255	3.211	2.978	2.755
19.113	20.526	21.944	4.072	3.772	3.766	3.295	3.11	2.78	2.617
17.635	18.944	20.258	3.84	3.52	3.273	3.24	2.81	2.651	2.467
19.427	20.852	22.28	4.634	3.801	3.682	3.259	3.02	2.973	2.819
18.812	20.215	21.623	3.979	3.689	3.466	3.179	3.098	2.712	2.651
19.428	20.871	22.319	4.043	3.7	3.36	3.088	2.849	2.718	2.554
19.814	21.226	22.642	3.932	3.854	3.695	3.529	3.333	3.298	2.967
18.038	19.372	20.708	3.869	3.75	3.369	3.031	2.871	2.664	2.617
19.898	21.399	22.903	3.937	3.736	3.622	3.287	2.917	2.747	2.659
18.589	19.974	21.364	6.842	3.916	3.675	3.331	3.058	2.58	2.555
19.584	21.01	22.44	4.114	3.744	3.564	3.403	3.321	3.257	3.196
19.39	20.807	22.228	4.001	3.675	3.555	3.43	2.998	2.838	2.747
19.739	21.226	22.718	3.973	3.781	3.682	3.402	3.123	2.898	2.75
18.761	20.154	21.552	4.009	3.785	3.467	3.358	3.13	2.935	2.747
18.899	20.288	21.681	4.023	3.86	3.542	3.24	3.214	3.057	2.546
17.846	19.187	20.53	4.03	3.622	3.499	3.02	2.776	2.235	2.172
18.829	20.209	21.594	4.017	3.8	3.605	3.337	3.134	2.767	2.747
19.202	20.529	21.859	3.897	3.819	3.806	3.65	3.627	3.514	3.449
20.465	22.009	23.557	3.972	3.892	3.682	3.613	3.329	3.225	2.913
19.061	20.478	21.901	4.031	3.795	3.588	3.326	3.07	2.886	2.747
18.868	20.268	21.672	4.011	3.768	3.548	3.136	3.116	2.666	2.617
19.108	20.503	21.904	3.971	3.809	3.629	3.413	3.063	2.981	2.808
18.775	20.176	21.582	3.971	3.687	3.464	3.174	3.036	2.712	2.636
18.477	19.844	21.214	4.207	4	3.409	3.295	3.027	2.819	2.633
19.176	20.588	22.005	3.974	3.632	3.429	3.203	2.982	2.747	2.719
19.994	21.508	23.027	3.995	3.745	3.472	3.319	2.996	2.846	2.771
18.346	19.697	21.054	4.045	3.59	3.359	3.339	3.174	2.864	2.572
20.232	21.764	23.301	4.027	3.591	3.399	3.069	2.981	2.86	2.609
18.59	19.969	21.355	3.968	3.782	3.622	3.381	3.283	3.042	2.797
18.706	20.099	21.497	3.958	3.689	3.459	3.13	3.097	2.749	2.651
19.883	21.404	22.927	3.986	3.631	3.234	3.071	2.881	2.675	2.462
18.469	19.813	21.161	3.887	3.793	3.487	3.273	3.085	2.877	2.629
19.296	20.658	22.024	3.886	3.824	3.785	3.731	3.568	3.45	3.337
18.888	20.281	21.678	4.037	3.88	3.567	3.24	3.177	3.058	2.575
19.109	20.503	21.903	3.9	3.591	3.554	3.418	3.302	3.1	2.967
20.272	21.81	23.352	4.06	3.644	3.413	3.23	3.032	2.732	2.586
18.855	20.294	21.734	3.664	3.336	3.267	3.012	2.473	2.395	2.218
21.19	22.76	24.334	3.999	3.786	3.428	3.267	3.168	2.979	2.836
18.374	19.738	21.108	3.981	3.555	3.417	3.2	2.899	2.895	2.844
17.271	18.523	19.778	3.832	3.523	3.309	3.205	2.864	2.617	2.576
17.878	19.232	20.589	3.854	3.39	2.976	2.842	2.533	2.235	2.028
18.971	20.379	21.791	3.974	3.683	3.522	2.979	2.919	2.834	2.53
21.141	22.738	24.34	4.081	3.71	3.594	3.408	3.123	2.935	2.886
19.393	20.822	22.257	3.977	3.771	3.485	3.369	3.321	3.198	2.971
18.766	20.149	21.536	3.983	3.755	3.524	3.214	3.058	2.617	2.53
18.612	19.998	21.388	4.004	3.768	3.517	3.135	3.057	2.617	2.522
18.833	20.216	21.603	4.258	3.807	3.63	3.218	2.894	2.759	2.747
19.04	20.457	21.878	3.973	3.691	3.316	3.191	2.719	2.676	2.523

17.552	18.852	20.156	3.829	3.519	3.333	3.248	2.825	2.745	2.476
19.95	21.472	22.997	3.884	3.61	3.575	3.379	3.203	2.899	2.825
21.127	22.728	24.333	4.078	3.622	3.429	3.128	3.034	2.913	2.706
19.198	20.522	21.85	3.89	3.817	3.808	3.662	3.632	3.526	3.451
19.441	20.844	22.251	4.056	3.882	3.624	3.429	3.265	3.03	2.998
17.395	18.648	19.904	3.832	3.524	3.353	3.228	2.82	2.617	2.488
19.101	20.495	21.896	3.897	3.591	3.554	3.406	3.299	3.096	2.958
21.159	22.73	24.303	3.991	3.78	3.427	3.183	3.167	2.953	2.82
21.165	22.736	24.309	3.994	3.78	3.435	3.197	3.17	2.956	2.821
18.662	20.061	21.464	4.13	3.644	3.474	3.261	3.12	2.749	2.565
18.775	20.17	21.568	4.131	3.644	3.52	3.252	3.03	2.747	2.565
17.346	18.629	19.914	3.849	3.454	2.955	2.777	2.519	2.331	2.082
18.748	20.122	21.501	4.122	3.694	3.649	3.382	3.266	3.16	2.938
18.939	20.36	21.786	3.986	3.529	3.406	3.133	2.921	2.627	2.499
18.404	19.76	21.119	3.883	3.757	3.544	3.167	3.083	2.703	2.64
19.392	20.818	22.249	4.035	3.772	3.671	3.241	3.171	2.947	2.747
18.429	19.785	21.144	4.307	3.548	3.23	2.833	2.53	2.166	1.778
18.166	19.5	20.836	3.856	3.509	3.358	2.966	2.806	2.658	2.498
18.446	19.827	21.213	3.931	3.545	3.291	3.155	3.049	2.713	2.483
18.592	19.963	21.337	3.876	3.688	3.242	3.174	2.976	2.78	2.72
19.732	21.171	22.614	3.902	3.624	3.59	3.424	3.304	3.109	2.969
19.206	20.609	22.017	3.957	3.777	3.705	3.412	3.045	2.909	2.756
19.288	20.7	22.116	4.62	3.787	3.676	3.228	3.015	2.911	2.77
18.697	20.054	21.416	3.84	3.647	3.581	3.349	3.254	2.873	2.747
20.104	21.646	23.189	3.93	3.604	3.255	2.94	2.897	2.849	2.235
18.845	20.217	21.594	4.292	4.13	3.706	3.36	3.142	2.932	2.926
18.793	20.168	21.546	3.923	3.716	3.597	3.189	3.109	2.944	2.716
20.513	22.01	23.511	4.586	3.876	3.546	3.198	2.928	2.758	2.367
18.777	20.167	21.562	3.96	3.689	3.519	3.156	3.099	2.865	2.651
19.051	20.447	21.846	4.059	3.805	3.37	3.142	2.889	2.794	2.75
20.566	22.087	23.611	3.967	3.89	3.682	3.443	3.288	3.004	2.794
18.99	20.412	21.839	4.057	3.657	3.121	2.93	2.711	2.63	2.259
19.133	20.551	21.974	3.961	3.775	3.478	3.319	2.931	2.81	2.617
19.148	20.529	21.914	3.878	3.797	3.637	3.469	3.362	3.241	3.08
19.047	20.442	21.84	4.096	3.799	3.432	3.266	2.975	2.926	2.747
19.125	20.506	21.891	4.301	4.012	3.623	3.531	3.392	3.189	2.971
18.61	19.979	21.354	4.067	3.654	3.435	3.274	2.918	2.737	2.584
18.881	20.283	21.687	4.6	3.999	3.203	2.774	2.286	2.065	2.004
20.973	22.496	24.024	6.843	4.091	3.947	3.702	3.583	3.449	3.26
19.534	20.968	22.407	4.135	3.729	3.501	3.318	3.187	2.994	2.831
20.59	22.148	23.711	4.069	3.607	3.417	3.127	2.943	2.755	2.691
21.135	22.733	24.336	4.078	3.693	3.581	3.381	3.122	2.927	2.855
18.684	20.044	21.406	3.905	3.841	3.56	3.216	2.951	2.892	2.693
18.812	20.215	21.623	3.992	3.68	3.469	3.188	3.129	2.712	2.613
20.44	21.911	23.386	4.078	3.824	3.691	3.562	3.27	3.15	3.079
18.844	20.249	21.656	3.879	3.523	3.342	3.243	3.047	2.821	2.617
19.187	20.595	22.007	4.034	3.799	3.654	3.397	3.275	3.067	2.946
18.944	20.364	21.788	3.88	3.493	3.336	2.824	2.539	2.461	2.331
17.636	18.921	20.209	3.953	3.733	3.651	3.286	3.198	2.874	2.548
19.353	20.753	22.157	4.056	3.873	3.622	3.405	3.262	3.017	2.968

18.56	19.921	21.287	3.923	3.763	3.144	3.076	2.901	2.837	2.699
18.904	20.301	21.702	3.879	3.769	3.385	3.229	2.975	2.617	2.617
18.719	20.117	21.52	4.15	3.79	3.475	3.425	3.168	2.922	2.744
19.982	21.472	22.967	3.92	3.853	3.578	3.434	3.134	3.029	2.965
19.001	20.322	21.647	3.858	3.807	3.674	3.621	3.543	3.422	3.308
18.641	20.055	21.472	3.88	3.613	2.874	2.795	2.617	2.546	1.981
18.953	20.318	21.689	4.082	3.832	3.782	3.643	3.332	3.183	2.977
17.443	18.701	19.963	3.837	3.525	3.355	3.225	2.813	2.617	2.489
19.036	20.472	21.911	3.969	3.411	3.068	2.689	2.547	2.426	1.978
18.619	19.993	21.374	3.968	3.782	3.624	3.436	3.312	3.093	2.816
18.364	19.725	21.092	4.059	3.635	3.546	3.345	3	2.941	2.899
19.994	21.508	23.027	3.995	3.745	3.472	3.319	2.996	2.846	2.771
20.76	22.231	23.705	3.871	3.735	3.719	3.635	3.597	3.352	3.237
20.426	21.896	23.37	4.078	3.823	3.691	3.548	3.252	3.141	3.078
18.686	20.083	21.484	3.957	3.689	3.398	3.101	3.05	2.704	2.651
21.573	23.172	24.773	4.013	3.795	3.453	3.213	3.18	3.011	2.835
18.08	19.437	20.799	3.885	3.682	3.439	3.099	2.756	2.617	2.617
19.207	20.602	22.002	4.062	3.642	3.545	3.544	3.42	3.123	3.078
19.371	20.78	22.192	4.004	3.91	3.683	3.492	3.336	3.132	2.983
19.448	20.94	22.433	3.778	3.1	2.783	2.619	2.073	1.675	1.565
19.202	20.617	22.037	4.036	3.697	3.362	3.279	2.908	2.805	2.648
20.604	22.161	23.723	4.067	3.606	3.428	3.116	3.033	2.844	2.706
19.378	20.816	22.26	4.127	3.91	3.487	3.396	3.219	2.89	2.837
20.162	21.618	23.082	4.054	3.92	3.833	3.803	3.674	3.596	3.485
19.919	21.392	22.872	4.051	3.863	3.816	3.624	3.581	3.473	3.218
18.471	19.853	21.239	4.068	3.741	3.333	3.196	2.894	2.65	2.294
18.98	20.328	21.681	4.01	3.855	3.601	3.442	3.314	3.189	2.958
18.429	19.824	21.224	3.854	3.583	3.325	2.884	2.71	2.617	2.567
19.681	21.143	22.611	4.048	3.734	3.446	3.42	3.214	3.139	3.073
21.129	22.729	24.334	4.078	3.623	3.476	3.235	3.11	2.871	2.839
19.446	20.866	22.294	3.978	3.798	3.768	3.471	3.354	3.328	3.113
19.461	20.901	22.346	3.986	3.75	3.421	3.328	3.137	2.924	2.82
19.373	20.805	22.242	3.975	3.769	3.437	3.335	3.201	2.994	2.828
18.794	20.201	21.612	3.978	3.689	3.415	3.106	3.088	2.665	2.651
19.976	21.398	22.825	4.115	3.909	3.815	3.551	3.348	3.292	3.15
19.588	21.008	22.432	4.608	3.952	3.694	3.578	3.342	3.225	3.019
19.513	20.96	22.411	3.944	3.818	3.439	3.187	2.923	2.765	2.741
17.374	18.669	19.967	3.807	3.526	3.177	2.795	2.617	2.605	2.096
18.911	20.314	21.72	4.058	3.876	3.369	3.33	3.266	2.93	2.678
19.381	20.803	22.229	4.632	3.88	3.733	3.66	3.212	2.991	2.711
18.728	20.14	21.555	4.042	3.552	3.105	2.965	2.622	2.459	2.376
20.593	22.12	23.648	3.958	3.72	3.302	3.133	2.956	2.856	2.657
18.811	20.185	21.564	3.978	3.936	3.627	3.369	3.238	3.069	2.871
19.502	20.978	22.459	3.883	3.638	3.365	3.083	2.883	2.747	2.617
21.77	23.34	24.915	4.157	4.044	3.81	3.736	3.557	3.519	3.362
21.548	23.117	24.693	4.143	4.054	3.823	3.71	3.544	3.499	3.39
19.268	20.73	22.196	3.889	3.079	2.946	2.946	2.103	2.026	2.026
18.846	20.254	21.667	3.975	3.68	3.306	3.134	2.717	2.613	2.5
19.436	20.856	22.281	4.005	3.729	3.487	3.256	3.139	3.071	2.97
20.731	22.2	23.672	3.867	3.734	3.719	3.629	3.595	3.34	3.231

20.069	21.502	22.941	4.042	3.826	3.772	3.648	3.366	3.209	3.108
19.499	20.95	22.407	3.956	3.836	3.666	3.403	3.232	2.979	2.747
19.238	20.606	21.977	4.13	3.994	3.769	3.627	3.363	3.189	3.063
19.666	21.056	22.449	3.94	3.834	3.79	3.7	3.549	3.482	3.307
17.857	19.211	20.567	3.632	3.285	2.86	2.499	2.294	2.203	1.537
21.144	22.741	24.343	4.08	3.71	3.587	3.387	3.121	2.91	2.862
19.587	20.974	22.363	3.999	3.868	3.814	3.566	3.556	3.358	3.257
21.552	23.113	24.681	4.031	3.86	3.799	3.795	3.765	3.527	3.475
19.095	20.498	21.905	4.608	4.047	3.434	3.252	2.885	2.768	2.588
20.352	21.852	23.356	3.944	3.867	3.682	3.622	3.453	3.266	3.082
19.014	20.412	21.817	4.11	3.769	3.51	3.302	2.892	2.875	2.679
19.628	21.077	22.532	4.64	3.815	3.676	3.643	3.493	3.385	3.15
19.579	21.029	22.484	3.852	3.795	3.569	3.459	3.227	2.981	2.894
18.195	19.554	20.919	3.958	3.761	3.45	3.283	2.918	2.617	2.584
17.461	18.765	20.071	3.952	3.672	3.505	3.052	2.839	2.71	2.438
21.355	22.915	24.482	4.003	3.798	3.765	3.688	3.614	3.576	3.293
19.06	20.451	21.849	4.09	3.781	3.519	3.476	3.328	3.203	2.97
19.417	20.828	22.243	4.633	4.064	3.663	3.618	3.353	2.935	2.75
18.136	19.487	20.843	3.866	3.542	3.181	2.976	2.899	2.765	2.387
20.546	22.069	23.595	3.975	3.922	3.682	3.657	3.459	3.298	3.092
18.641	20.055	21.472	3.88	3.613	2.874	2.795	2.617	2.546	1.981
19.102	20.479	21.859	4.04	3.847	3.612	3.403	3.071	2.991	2.835
18.218	19.581	20.948	4.008	3.533	3.337	3.225	2.932	2.582	2.489
19.093	20.418	21.746	4.217	4.186	3.846	3.784	3.672	3.554	3.428
19.697	21.073	22.452	4.008	3.856	3.781	3.648	3.559	3.48	3.396
21.767	23.336	24.911	4.156	4.043	3.81	3.736	3.551	3.518	3.362
20.169	21.712	23.257	3.958	3.682	3.524	2.893	2.694	2.617	2.617
19.2	20.603	22.01	4.033	3.808	3.423	3.235	3.063	2.865	2.755
19.263	20.674	22.088	4.056	3.82	3.435	3.19	3.06	2.896	2.827
18.662	20.061	21.464	4.13	3.644	3.539	3.272	3.145	2.756	2.565
18.966	20.329	21.695	4.329	3.898	3.773	3.406	3.1	2.864	2.769
20.127	21.633	23.143	3.975	3.746	3.301	3.104	2.849	2.761	2.606
18.706	20.099	21.497	3.958	3.689	3.528	3.159	3.098	2.757	2.651
21.159	22.73	24.303	3.984	3.764	3.423	3.177	3.172	2.964	2.828
19.423	20.846	22.276	3.978	3.799	3.768	3.468	3.346	3.324	3.102
19.893	21.385	22.882	4.655	3.788	3.667	3.46	2.968	2.744	2.591
18.903	20.278	21.656	4.33	3.916	3.801	3.242	2.992	2.964	2.799
20.546	22.069	23.595	3.979	3.922	3.69	3.682	3.459	3.33	3.092
19.451	20.882	22.317	3.999	3.678	3.497	3.207	3.032	2.903	2.814
20.659	22.188	23.719	3.966	3.743	3.372	3.141	3.118	2.943	2.792
18.716	20.087	21.461	4.062	3.793	3.462	3.26	2.909	2.706	2.617
18.886	20.283	21.686	3.971	3.748	3.707	3.509	3.312	2.992	2.803
19.982	21.472	22.967	3.922	3.855	3.597	3.487	3.136	3.033	2.965
18.719	20.117	21.52	4.15	3.79	3.539	3.426	3.2	2.925	2.75
18.829	20.209	21.594	4.018	3.803	3.648	3.343	3.167	2.785	2.752
17.846	19.187	20.53	4.035	3.592	3.499	3.02	2.812	2.315	2.131
18.953	20.318	21.689	4.083	3.839	3.782	3.68	3.345	3.189	2.994
18.364	19.725	21.092	4.059	3.65	3.591	3.364	3	2.941	2.899
20.593	22.12	23.648	3.958	3.72	3.302	3.133	2.956	2.856	2.657
19.06	20.451	21.849	4.09	3.782	3.545	3.505	3.348	3.225	2.97

18.686	20.083	21.484	3.958	3.689	3.449	3.108	3.09	2.722	2.651
20.723	22.256	23.792	3.975	3.746	3.408	3.177	3.172	2.963	2.815
21.767	23.336	24.911	4.157	4.043	3.812	3.763	3.553	3.52	3.362
19.877	21.369	22.865	4.683	4.068	3.781	3.474	2.939	2.698	2.582
20.352	21.852	23.356	3.948	3.867	3.682	3.667	3.453	3.276	3.102
17.636	18.921	20.209	3.956	3.736	3.66	3.371	3.204	2.875	2.55
21.159	22.73	24.303	3.991	3.78	3.427	3.183	3.167	2.953	2.82
20.44	21.911	23.386	4.078	3.824	3.691	3.562	3.27	3.15	3.079
19.176	20.588	22.005	3.974	3.648	3.449	3.196	2.978	2.747	2.737
20.731	22.2	23.672	3.871	3.74	3.729	3.636	3.595	3.349	3.275
21.355	22.915	24.482	4.003	3.798	3.765	3.688	3.614	3.576	3.293
17.443	18.701	19.963	3.838	3.572	3.361	3.23	2.821	2.617	2.549
17.461	18.765	20.071	3.947	3.673	3.528	3.002	2.875	2.66	2.457
20.347	21.739	23.135	3.886	3.756	3.736	3.678	3.66	3.584	3.564
20.088	21.525	22.968	4.044	3.823	3.772	3.645	3.366	3.205	3.134
19.206	20.621	22.04	3.982	3.649	3.454	3.197	2.981	2.752	2.747
19.53	20.965	22.404	4.023	3.678	3.497	3.377	3.045	2.853	2.763
21.552	23.113	24.681	4.031	3.86	3.799	3.795	3.765	3.527	3.475
18.978	20.326	21.678	4.009	3.854	3.59	3.441	3.288	3.172	2.982
19.92	21.408	22.901	4.655	3.836	3.671	3.462	2.955	2.744	2.622
19.919	21.392	22.872	4.051	3.863	3.816	3.624	3.581	3.473	3.218
19.575	21.012	22.454	4.024	3.68	3.495	3.376	3.044	2.829	2.759



BEHm8	BELm1	BELm2	BELm3	BELm4	BELm5	BELm6	BELm7	BELm8	BEHv1
2.617	2.041	1.891	1.874	1.666	1.602	1.327	1.249	1.249	3.922
2.519	1.948	1.821	1.783	1.635	1.52	1.323	1.249	1.178	3.843
2.519	1.993	1.88	1.628	1.519	1.181	1.082	0.994	0.908	3.962
2.331	1.969	1.821	1.651	1.626	1.249	1.188	1.136	1	3.824
2.795	1.922	1.785	1.733	1.635	1.512	1.412	1.263	1.103	3.933
2.515	2.017	1.969	1.776	1.529	1.519	1.249	1.209	1.065	3.988
2.394	2.114	1.829	1.639	1.428	1.335	1.059	0.922	0.818	4.03
2.917	1.981	1.953	1.745	1.572	1.464	1.273	1.221	1.128	3.884
2.534	1.992	1.934	1.722	1.44	1.411	1.127	1.082	1.016	3.849
2.617	2.011	1.925	1.823	1.652	1.583	1.372	1.296	1.149	3.939
2.511	1.946	1.828	1.56	1.177	1.003	0.991	0.806	0.534	3.902
3.019	2.086	1.858	1.811	1.702	1.672	1.648	1.546	1.305	4.083
2.626	1.985	1.813	1.529	1.372	1.372	1.283	1.088	0.967	3.936
2.617	2.017	1.863	1.805	1.695	1.52	1.415	1.16	1.082	3.908
2.539	1.974	1.948	1.787	1.538	1.494	1.249	1.169	1.034	3.939
2.522	1.986	1.872	1.561	1.257	1.101	1.016	0.86	0.766	3.933
2.127	1.867	1.599	1.387	0.943	0.911	0.571	0.414	0.193	3.804
2.744	1.959	1.904	1.83	1.414	1.372	1.198	1.131	0.999	3.925
3.307	1.981	1.972	1.954	1.877	1.762	1.674	1.626	1.514	3.866
2.75	2.045	1.969	1.886	1.704	1.68	1.56	1.389	1.287	3.963
2.634	2.01	1.933	1.811	1.483	1.372	1.255	1.041	0.934	3.985
2.517	1.99	1.869	1.604	1.384	1.141	1.082	0.971	0.823	3.924
2.747	2.003	1.928	1.907	1.668	1.424	1.418	1.372	1.369	3.941
2.511	2.015	1.91	1.775	1.529	1.343	1.249	1.207	1.02	3.959
2.493	2.096	1.791	1.583	1.563	1.434	1.193	1.128	0.872	4.006
2.609	1.948	1.821	1.629	1.467	1.372	1.074	0.961	0.79	3.871
2.617	2.007	1.885	1.793	1.562	1.349	1.249	1.212	1.082	3.97
2.511	1.889	1.772	1.571	1.551	1.47	1.206	1.118	1.096	3.891
2.526	1.986	1.88	1.686	1.451	1.372	1.259	1.184	1.013	3.988
2.747	2.024	1.867	1.847	1.648	1.485	1.372	1.241	1.082	3.902
2.515	1.978	1.969	1.79	1.539	1.519	1.249	1.174	1.065	3.936
2.152	2.004	1.822	1.521	1.318	1.178	1.014	0.814	0.574	3.877
2.617	1.992	1.959	1.783	1.521	1.383	1.276	1.082	1.035	3.859
3.168	2.001	1.976	1.973	1.897	1.788	1.754	1.592	1.493	3.867
2.537	1.968	1.848	1.514	1.18	1.016	0.999	0.851	0.567	3.923
2.858	2.072	1.855	1.832	1.761	1.599	1.453	1.423	1.376	3.9
2.565	2.165	1.832	1.776	1.61	1.473	1.243	1.083	1.015	4.069
1.92	1.914	1.622	1.325	1.299	1.164	1.077	1.052	0.642	3.623
2.72	2.105	1.861	1.746	1.647	1.475	1.434	1.35	1.294	3.995
2.511	1.903	1.824	1.57	1.562	1.411	1.215	1.011	0.913	3.836
2.362	1.966	1.822	1.647	1.573	1.349	1.249	1.169	1.082	3.816
2.023	1.977	1.745	1.493	1.312	1.197	0.975	0.783	0.674	3.837
2.489	2.003	1.927	1.738	1.387	1.342	1.326	1.007	0.96	3.941
2.675	2.089	1.846	1.696	1.499	1.45	1.372	1.315	1.114	4.044
2.817	2.023	1.828	1.742	1.639	1.53	1.361	1.312	1.249	3.929
2.521	2.001	1.89	1.562	1.257	1.101	1.082	0.93	0.766	3.929
2.461	1.989	1.862	1.561	1.184	1.082	1.008	0.923	0.553	3.919
2.615	1.934	1.87	1.659	1.469	1.372	1.355	1.134	1.051	3.933
2.367	1.964	1.942	1.436	1.333	1.055	1.01	0.983	0.675	3.934

2.331	1.92	1.82	1.68	1.633	1.249	1.187	1.103	1.012	3.781
2.747	2.024	1.906	1.822	1.598	1.562	1.449	1.372	1.239	3.865
2.614	2.082	1.819	1.643	1.472	1.422	1.319	1.193	1.038	4.034
3.309	1.981	1.972	1.953	1.88	1.762	1.675	1.626	1.524	3.863
2.782	1.996	1.94	1.868	1.739	1.496	1.372	1.297	1.264	3.97
2.331	1.932	1.82	1.637	1.555	1.249	1.185	1.082	1.005	3.792
2.838	2.06	1.846	1.83	1.716	1.599	1.444	1.376	1.334	3.89
2.72	2.098	1.855	1.746	1.566	1.475	1.424	1.345	1.204	3.986
2.726	2.089	1.85	1.746	1.561	1.449	1.424	1.314	1.187	3.985
2.421	1.99	1.832	1.79	1.539	1.249	1.173	1.038	1.015	3.928
2.421	1.99	1.832	1.795	1.485	1.262	1.249	1.044	1.015	3.929
1.429	1.93	1.644	1.394	1.249	1.056	0.825	0.717	0.274	3.755
2.747	1.947	1.899	1.848	1.649	1.486	1.372	1.226	1.046	3.928
2.341	1.948	1.812	1.708	1.572	1.481	1.176	0.99	0.963	3.975
2.63	1.984	1.904	1.782	1.634	1.425	1.171	1.082	1.046	3.845
2.667	2.063	1.887	1.813	1.446	1.34	1.172	1.103	1.096	4.008
1.581	1.902	1.296	1.023	0.962	0.7	0.368	0.175	0	3.958
2.431	1.972	1.735	1.682	1.442	1.407	1.249	1.064	0.999	3.829
2.386	1.978	1.843	1.707	1.547	1.479	1.247	1.091	1.091	3.906
2.53	1.993	1.936	1.729	1.493	1.418	1.314	1.295	1.12	3.855
2.858	2.072	1.883	1.85	1.762	1.599	1.482	1.431	1.377	3.901
2.747	2.06	2.004	1.9	1.587	1.372	1.349	1.278	1.179	3.94
2.452	1.919	1.784	1.733	1.513	1.416	1.248	1.118	1.044	3.9
2.692	1.971	1.927	1.865	1.652	1.428	1.372	1.249	1.249	3.796
2.034	1.949	1.723	1.524	1.407	1.139	0.929	0.884	0.698	3.747
2.857	1.945	1.823	1.673	1.642	1.395	1.339	1.24	1.225	3.942
2.617	2.043	1.897	1.875	1.666	1.607	1.375	1.249	1.249	3.922
2.331	1.793	1.707	1.699	1.405	1.249	1.249	1.162	1.078	3.728
2.515	1.983	1.969	1.831	1.584	1.519	1.263	1.249	1.1	3.938
2.628	1.971	1.88	1.734	1.588	1.435	1.171	1.079	1.013	4.012
2.661	2.014	1.931	1.886	1.734	1.723	1.517	1.33	1.082	3.921
2.067	2.021	1.862	1.545	1.228	1.196	1.016	0.712	0.525	4.023
2.577	2.021	1.931	1.706	1.487	1.218	1.082	1.061	0.966	3.924
2.962	2.001	1.976	1.886	1.68	1.589	1.486	1.374	1.372	3.85
2.617	2.006	1.793	1.665	1.507	1.492	1.061	1.049	0.987	3.975
2.807	1.969	1.939	1.827	1.532	1.463	1.372	1.216	1.034	3.984
2.403	2.01	1.796	1.651	1.578	1.31	1.249	1.215	1.089	4.033
1.372	1.962	1.514	1.116	1.034	0.915	0.6	0.234	0.23	3.961
3.2	2.074	1.898	1.842	1.8	1.736	1.665	1.584	1.439	4.098
2.77	2.076	1.854	1.804	1.67	1.473	1.407	1.39	1.152	4.1
2.375	2.093	1.82	1.635	1.458	1.347	1.185	1.024	0.873	4.036
2.693	2.094	1.985	1.829	1.628	1.453	1.288	1.234	1.047	4.037
2.617	2.02	1.878	1.791	1.458	1.324	1.226	1.082	1.049	3.868
2.5	2.009	1.958	1.775	1.529	1.441	1.249	1.208	1.019	4
2.99	2.067	1.918	1.867	1.64	1.519	1.428	1.406	1.287	4.034
2.491	1.971	1.802	1.654	1.498	1.33	1.084	1.082	1.001	3.851
2.747	2.01	1.933	1.815	1.649	1.483	1.372	1.268	1.043	3.986
2.331	1.982	1.699	1.637	1.249	1.249	1.249	1.057	0.947	3.825
2.405	1.751	1.743	1.61	1.521	1.421	1.361	1.249	1.048	3.758
2.779	1.996	1.949	1.871	1.744	1.496	1.372	1.328	1.268	3.97

2.446	1.963	1.762	1.437	1.428	1.401	1.228	1.099	0.952	3.865
2.54	1.986	1.911	1.722	1.44	1.134	1.082	1.082	1.015	3.847
2.535	1.978	1.808	1.784	1.537	1.249	1.169	1.025	0.988	3.931
2.964	2.01	1.96	1.802	1.733	1.565	1.434	1.419	1.417	3.895
3.254	1.981	1.968	1.88	1.76	1.674	1.594	1.527	1.451	3.838
1.717	1.937	1.705	1.444	1.207	1.082	0.999	0.594	0.311	3.811
2.894	1.992	1.982	1.914	1.902	1.573	1.49	1.394	1.372	3.99
2.331	1.96	1.821	1.641	1.476	1.249	1.173	1.082	1.014	3.817
1.626	1.761	1.593	1.448	1.215	1.077	0.682	0.45	0	3.794
2.747	2.024	1.867	1.846	1.601	1.403	1.372	1.237	1.082	3.902
2.763	2.049	1.88	1.749	1.562	1.52	1.463	1.129	1.093	3.975
2.617	2.007	1.885	1.793	1.562	1.349	1.249	1.212	1.082	3.97
3.198	1.962	1.902	1.898	1.859	1.814	1.677	1.605	1.596	3.792
2.99	2.067	1.919	1.867	1.655	1.52	1.456	1.414	1.294	4.034
2.515	1.978	1.969	1.763	1.519	1.475	1.181	1.065	0.999	3.936
2.812	2.082	1.86	1.802	1.577	1.478	1.422	1.344	1.297	3.994
2.502	2.014	1.886	1.749	1.438	1.249	1.248	1.082	1.082	3.881
3.078	2	1.916	1.84	1.75	1.675	1.507	1.507	1.372	3.921
2.803	1.955	1.918	1.855	1.71	1.372	1.354	1.256	1.151	3.878
0.66	1.861	1.478	1.382	1.089	0.795	0.306	0.085	0	3.701
2.438	1.93	1.722	1.648	1.404	1.349	1.107	1.023	0.874	3.932
2.603	2.093	1.823	1.643	1.473	1.422	1.323	1.198	1.055	4.031
2.635	1.975	1.913	1.737	1.452	1.387	1.156	1.082	1.045	4.063
3.449	1.989	1.924	1.897	1.824	1.742	1.64	1.591	1.441	3.885
3.093	1.963	1.9	1.798	1.65	1.641	1.508	1.402	1.372	3.87
1.945	1.911	1.617	1.167	0.975	0.857	0.708	0.236	0.16	3.86
2.941	1.974	1.912	1.785	1.591	1.392	1.356	1.159	1.099	3.881
2.481	2.007	1.879	1.519	1.39	1.283	1.082	1.045	0.818	3.845
3.01	2.039	1.833	1.757	1.717	1.543	1.498	1.236	1.131	4.003
2.641	2.083	1.818	1.725	1.556	1.433	1.228	1.102	1	4.035
2.935	2.022	1.972	1.826	1.708	1.545	1.435	1.405	1.306	3.931
2.551	2.023	1.824	1.552	1.439	1.43	1.294	1.177	0.988	3.933
2.723	2.022	1.826	1.652	1.539	1.434	1.31	1.165	1.018	3.928
2.515	2.016	1.969	1.745	1.519	1.471	1.213	1.065	0.999	3.987
3.076	2.053	1.965	1.904	1.8	1.514	1.503	1.437	1.435	4.066
2.88	1.999	1.853	1.801	1.623	1.558	1.407	1.356	1.249	3.922
2.617	1.978	1.881	1.57	1.52	1.434	1.082	1.045	0.988	3.862
2.021	1.988	1.776	1.539	1.349	1.231	1.082	0.887	0.814	3.815
2.534	2.077	1.843	1.663	1.492	1.211	1.019	0.969	0.943	3.961
2.617	1.94	1.893	1.858	1.182	1.152	1.082	1.067	0.967	3.903
1.708	2.1	1.846	1.413	1.317	1.108	0.965	0.868	0.566	4.009
2.556	2.108	1.863	1.728	1.582	1.499	1.379	1.262	1.142	3.965
2.747	1.956	1.939	1.829	1.677	1.372	1.34	1.172	1.097	3.836
2.55	2.031	1.895	1.702	1.459	1.377	1.372	1.249	1.158	3.871
3.293	2.035	1.993	1.981	1.919	1.766	1.727	1.667	1.603	4.114
3.284	2.054	2.007	1.969	1.879	1.756	1.725	1.607	1.553	4.102
1.047	2.13	1.455	1.437	1.437	0.944	0.944	0.903	0.392	3.899
2.28	1.958	1.954	1.441	1.333	1.053	0.993	0.974	0.643	3.947
2.883	1.962	1.845	1.663	1.55	1.516	1.434	1.407	1.37	3.973
3.198	1.961	1.902	1.898	1.858	1.813	1.673	1.605	1.595	3.789

3.076	2.056	1.868	1.841	1.618	1.583	1.437	1.431	1.391	4.002
2.697	2.002	1.941	1.817	1.673	1.372	1.27	1.082	1.082	3.866
2.858	1.983	1.964	1.94	1.81	1.639	1.395	1.389	1.372	4.051
3.181	1.995	1.947	1.945	1.866	1.824	1.753	1.654	1.47	3.926
1.485	1.795	1.556	1.213	0.885	0.692	0.617	0.404	0.403	3.534
2.675	2.082	1.816	1.665	1.497	1.412	1.372	1.214	1.062	4.037
3.128	2.046	1.96	1.913	1.847	1.771	1.632	1.454	1.411	3.864
3.383	2.078	1.983	1.942	1.939	1.936	1.63	1.607	1.564	3.98
2.331	1.995	1.791	1.579	1.528	1.377	1.249	1.213	1.022	4.037
2.837	2.053	2.026	1.896	1.886	1.79	1.662	1.372	1.361	3.938
2.617	1.99	1.961	1.713	1.538	1.417	1.347	1.249	1.082	4.013
2.896	1.986	1.924	1.845	1.728	1.683	1.459	1.406	1.249	3.899
2.747	1.933	1.898	1.786	1.723	1.697	1.414	1.372	1.239	3.808
2.533	2.005	1.828	1.741	1.477	1.249	1.109	1.082	0.976	3.879
2.131	1.714	1.664	1.506	1.469	1.243	1.162	0.833	0.704	3.731
3.184	2.112	1.904	1.889	1.856	1.814	1.783	1.602	1.551	3.992
2.82	1.949	1.92	1.752	1.599	1.491	1.427	1.354	1.249	3.895
2.665	2.009	1.924	1.799	1.696	1.568	1.514	1.248	1.1	4.043
2.159	1.987	1.807	1.562	1.493	1.441	1.31	1.002	0.851	3.85
2.874	2.05	1.993	1.886	1.802	1.668	1.563	1.372	1.249	3.945
1.717	1.937	1.705	1.444	1.207	1.082	0.999	0.594	0.311	3.811
2.749	2.02	1.843	1.581	1.486	1.419	1.372	1.372	1.263	3.958
2.331	2.096	1.823	1.647	1.563	1.249	1.218	1.116	0.871	4.002
3.331	2	1.974	1.859	1.788	1.779	1.687	1.588	1.538	3.854
3.303	2.065	2.047	1.984	1.847	1.784	1.721	1.618	1.555	3.973
3.293	2.035	1.994	1.982	1.921	1.766	1.739	1.668	1.607	4.114
2.502	2.016	1.886	1.371	1.283	1.082	1.082	0.918	0.837	3.925
2.721	2.088	2.012	1.628	1.557	1.416	1.357	1.245	1.194	3.998
2.689	2.12	2.011	1.634	1.552	1.401	1.337	1.305	1.224	4.019
2.421	1.992	1.854	1.832	1.571	1.249	1.173	1.039	1.015	3.928
2.74	1.952	1.906	1.448	1.402	1.371	1.235	1.06	0.892	3.966
2.477	2.102	1.857	1.724	1.55	1.465	1.212	1.124	0.939	3.98
2.515	1.981	1.969	1.853	1.571	1.519	1.249	1.174	1.065	3.936
2.718	2.102	1.865	1.751	1.585	1.495	1.43	1.359	1.24	3.98
2.928	2.023	1.981	1.826	1.727	1.544	1.434	1.363	1.303	3.931
2.548	1.961	1.87	1.579	1.333	1.122	1.046	0.97	0.772	3.971
2.662	1.939	1.931	1.516	1.44	1.415	1.378	1.265	1.066	3.972
2.899	2.058	2.006	1.886	1.837	1.668	1.567	1.372	1.264	3.948
2.701	1.989	1.887	1.645	1.514	1.472	1.206	1.066	0.98	3.92
2.652	2.109	1.879	1.77	1.591	1.521	1.462	1.375	1.25	3.975
2.616	2.001	1.892	1.529	1.405	1.19	1.082	1.04	0.955	3.984
2.617	2.059	1.922	1.885	1.822	1.677	1.425	1.255	1.249	3.974
2.964	2.015	1.969	1.833	1.757	1.576	1.444	1.419	1.417	3.897
2.535	1.98	1.853	1.803	1.568	1.249	1.17	1.026	0.989	3.931
2.747	1.969	1.918	1.864	1.447	1.372	1.199	1.131	1.001	3.926
2.127	1.865	1.623	1.387	0.911	0.888	0.565	0.441	0.255	3.809
2.905	2.01	1.988	1.925	1.909	1.597	1.49	1.4	1.372	3.991
2.764	2.05	1.924	1.772	1.562	1.52	1.464	1.158	1.104	3.975
2.556	2.108	1.863	1.728	1.582	1.499	1.379	1.262	1.142	3.965
2.828	1.949	1.927	1.824	1.604	1.498	1.43	1.355	1.249	3.895

2.515	1.98	1.969	1.816	1.524	1.519	1.182	1.065	0.999	3.936
2.712	2.103	1.874	1.765	1.586	1.496	1.43	1.359	1.242	3.978
3.311	2.039	2.012	1.982	1.934	1.771	1.743	1.678	1.607	4.115
2.526	1.875	1.717	1.444	1.343	1.144	0.977	0.779	0.633	3.969
2.842	2.063	2.026	1.932	1.886	1.79	1.665	1.407	1.372	3.941
2.405	1.832	1.743	1.615	1.524	1.428	1.361	1.249	1.052	3.764
2.72	2.098	1.855	1.746	1.566	1.475	1.424	1.345	1.204	3.986
2.99	2.067	1.918	1.867	1.64	1.519	1.428	1.406	1.287	4.034
2.643	1.957	1.86	1.633	1.464	1.372	1.17	0.938	0.74	3.871
3.217	1.964	1.929	1.901	1.861	1.813	1.674	1.658	1.595	3.791
3.184	2.112	1.904	1.889	1.856	1.814	1.783	1.602	1.551	3.992
2.331	1.96	1.874	1.641	1.478	1.249	1.239	1.082	1.02	3.818
2.2	1.719	1.674	1.52	1.431	1.218	1.175	0.85	0.698	3.729
3.515	1.926	1.914	1.91	1.89	1.878	1.845	1.834	1.813	3.788
3.054	2.054	1.869	1.842	1.618	1.583	1.445	1.413	1.389	4.003
2.66	1.998	1.865	1.646	1.487	1.372	1.172	1.031	0.863	3.917
2.747	2.009	1.896	1.666	1.53	1.387	1.372	1.201	0.992	3.94
3.383	2.078	1.983	1.942	1.939	1.936	1.63	1.607	1.564	3.98
2.893	1.974	1.912	1.778	1.593	1.389	1.335	1.171	1.082	3.88
2.508	1.96	1.673	1.581	1.391	1.244	1.048	0.928	0.76	3.97
3.093	1.963	1.9	1.798	1.65	1.641	1.508	1.402	1.372	3.87
2.747	2.01	1.898	1.665	1.518	1.386	1.372	1.202	0.988	3.942

BEHv2	BEHv3	BEHv4	BEHv5	BEHv6	BEHv7	BEHv8	BELv1	BELv2	BELv3
3.722	3.54	3.22	3.153	2.935	2.738	2.647	2.026	1.877	1.863
3.454	3.407	3.213	3.142	2.888	2.648	2.528	1.978	1.825	1.744
3.741	3.527	3.13	2.801	2.667	2.647	2.531	2	1.892	1.677
3.454	3.291	3.211	2.723	2.678	2.442	2.414	1.962	1.821	1.621
3.648	3.475	3.114	3.042	2.868	2.789	2.671	2.052	1.816	1.735
3.701	3.431	3.146	3.124	2.741	2.676	2.539	1.994	1.934	1.774
3.674	3.309	3.07	2.802	2.712	2.525	2.353	2.114	1.837	1.63
3.819	3.524	3.346	3.186	3.027	2.88	2.75	2.01	1.962	1.79
3.761	3.33	2.944	2.903	2.649	2.647	2.572	1.987	1.903	1.712
3.749	3.588	3.279	2.887	2.797	2.681	2.647	1.999	1.903	1.778
3.667	3.279	2.951	2.728	2.571	2.465	2.219	1.978	1.852	1.641
3.655	3.463	3.329	3.267	3.263	3.136	2.991	2.081	1.891	1.827
3.63	3.493	3.341	2.797	2.785	2.717	2.401	2.038	1.854	1.597
3.703	3.642	3.213	3.018	2.744	2.647	2.647	2.011	1.839	1.788
3.707	3.406	3.14	3.053	2.749	2.696	2.541	1.983	1.929	1.782
3.734	3.309	2.953	2.917	2.687	2.548	2.363	2.027	1.895	1.656
3.467	2.798	2.721	2.384	2.07	1.529	1.349	1.906	1.575	1.537
3.699	3.518	3.067	2.86	2.797	2.713	2.624	1.98	1.94	1.839
3.806	3.802	3.57	3.509	3.412	3.35	3.221	1.976	1.965	1.947
3.873	3.696	3.574	3.279	3.133	2.917	2.647	2.03	1.95	1.848
3.671	3.56	3.112	2.996	2.797	2.648	2.559	2.011	1.922	1.809
3.718	3.298	3.018	2.755	2.647	2.577	2.488	1.991	1.874	1.671
3.806	3.619	3.323	3.01	2.857	2.797	2.778	1.988	1.94	1.886
3.695	3.423	3.136	2.959	2.74	2.637	2.526	1.993	1.908	1.773
3.783	3.338	3.286	2.944	2.816	2.514	2.432	2.088	1.797	1.569
3.522	3.334	3.131	2.797	2.763	2.577	2.376	2.036	1.86	1.611
3.732	3.424	3.216	2.959	2.803	2.697	2.647	1.996	1.878	1.789
3.511	3.166	3.158	3.043	2.773	2.498	2.438	1.972	1.84	1.654
3.574	3.303	3.007	2.868	2.828	2.626	2.547	1.974	1.901	1.706
3.703	3.532	3.238	3.055	2.895	2.797	2.647	2.026	1.874	1.839
3.701	3.405	3.13	3.052	2.748	2.676	2.539	1.987	1.934	1.784
3.556	3.029	2.811	2.703	2.678	2.404	1.613	2.005	1.79	1.503
3.803	3.44	3.192	2.962	2.869	2.647	2.568	1.983	1.95	1.771
3.816	3.793	3.636	3.502	3.365	3.267	3.085	1.989	1.967	1.948
3.721	3.29	2.955	2.709	2.687	2.545	2.302	1.982	1.858	1.662
3.544	3.501	3.418	3.239	3.035	2.905	2.848	2.045	1.846	1.8
3.657	3.407	3.234	3.015	2.747	2.619	2.593	2.141	1.797	1.752
3.129	3.01	2.907	2.39	2.348	2.278	1.637	1.892	1.591	1.55
3.762	3.355	3.266	3.078	2.986	2.802	2.713	2.082	1.86	1.737
3.453	3.154	2.955	2.915	2.828	2.557	2.369	1.957	1.835	1.571
3.456	3.24	3.148	2.763	2.647	2.533	2.414	1.96	1.824	1.645
3.343	3.01	2.813	2.484	2.178	2.089	2.019	1.97	1.732	1.4
3.655	3.451	2.97	2.883	2.821	2.523	2.485	1.996	1.965	1.74
3.708	3.586	3.361	3.118	2.876	2.837	2.62	2.093	1.861	1.69
3.671	3.354	3.256	3.149	2.999	2.828	2.723	2.052	1.894	1.73
3.726	3.309	2.953	2.917	2.647	2.543	2.359	2.03	1.905	1.656
3.714	3.273	2.952	2.694	2.647	2.538	2.276	1.988	1.863	1.643
3.696	3.516	3.043	2.818	2.797	2.705	2.61	1.961	1.899	1.653
3.701	3.145	3.081	2.679	2.629	2.54	2.299	1.978	1.928	1.498

3.453	3.322	3.211	2.73	2.684	2.443	2.414	1.944	1.82	1.642
3.617	3.53	3.277	3.162	2.955	2.797	2.717	2.006	1.855	1.831
3.575	3.326	3.117	2.931	2.781	2.685	2.587	2.09	1.857	1.648
3.807	3.802	3.579	3.507	3.413	3.351	3.221	1.973	1.964	1.948
3.781	3.58	3.421	3.132	2.948	2.858	2.797	2.012	1.979	1.889
3.454	3.232	3.166	2.719	2.647	2.444	2.414	1.952	1.822	1.635
3.538	3.5	3.382	3.237	3.027	2.85	2.811	2.04	1.843	1.8
3.756	3.349	3.184	3.074	2.962	2.793	2.711	2.076	1.856	1.737
3.756	3.348	3.181	3.073	2.961	2.793	2.704	2.07	1.853	1.736
3.657	3.403	3.053	2.859	2.738	2.593	2.438	2.029	1.797	1.787
3.657	3.436	2.966	2.846	2.753	2.593	2.438	2.032	1.797	1.797
3.246	2.87	2.706	2.414	2.391	2.118	1.069	1.992	1.707	1.345
3.692	3.543	3.244	3.071	2.912	2.826	2.797	1.98	1.908	1.858
3.456	3.342	3.143	2.937	2.581	2.442	2.324	1.933	1.797	1.667
3.745	3.45	3.119	3.031	2.686	2.647	2.639	1.995	1.901	1.814
3.745	3.646	3.114	3.031	2.869	2.676	2.646	2.081	1.891	1.828
3.222	2.809	2.644	2.372	1.626	1.463	0.905	1.94	1.523	1.362
3.349	3.288	2.863	2.812	2.658	2.503	2.414	1.975	1.767	1.677
3.487	3.205	3.2	3.07	2.691	2.428	2.331	1.962	1.826	1.619
3.64	3.254	3.077	3.01	2.799	2.71	2.486	1.995	1.922	1.649
3.586	3.544	3.423	3.239	3.036	2.906	2.862	2.046	1.858	1.834
3.73	3.718	3.273	2.962	2.892	2.797	2.705	2.059	2.007	1.864
3.646	3.365	3.085	3.028	2.766	2.752	2.415	2.031	1.808	1.695
3.641	3.53	3.268	3.095	2.802	2.797	2.647	1.964	1.917	1.856
3.33	3.102	2.916	2.616	2.609	2.312	1.861	1.957	1.692	1.501
3.706	3.644	3.32	3.004	2.849	2.699	2.699	1.949	1.811	1.616
3.721	3.54	3.217	3.153	2.909	2.737	2.647	2.025	1.876	1.863
3.432	3.362	3.157	2.889	2.628	2.414	2.414	1.909	1.786	1.724
3.701	3.488	3.13	3.08	2.833	2.676	2.539	1.991	1.934	1.813
3.763	3.285	3.054	2.833	2.806	2.743	2.526	1.971	1.897	1.675
3.852	3.696	3.404	3.194	2.988	2.833	2.647	2.016	1.962	1.848
3.59	3.073	2.924	2.659	2.584	2.277	1.936	2.065	1.849	1.556
3.775	3.449	3.221	2.812	2.731	2.647	2.498	2.03	1.916	1.69
3.738	3.6	3.322	3.216	3.143	2.952	2.886	2.005	1.964	1.895
3.74	3.337	3.214	2.964	2.742	2.642	2.63	2.062	1.871	1.654
3.902	3.528	3.295	3.117	2.943	2.797	2.754	1.986	1.937	1.85
3.536	3.358	3.17	2.874	2.64	2.572	2.414	2.001	1.806	1.67
3.526	3.045	2.715	2.242	1.818	1.665	1.257	1.982	1.859	1.423
3.808	3.643	3.51	3.463	3.307	3.144	3.111	2.075	1.932	1.874
3.658	3.444	3.301	3.119	2.932	2.801	2.692	2.077	1.888	1.808
3.583	3.329	3.122	2.884	2.687	2.646	2.351	2.087	1.852	1.646
3.691	3.56	3.304	3.116	2.866	2.744	2.655	2.099	1.936	1.855
3.792	3.521	3.04	2.901	2.799	2.662	2.647	2.01	1.903	1.788
3.692	3.434	3.166	3.132	2.741	2.638	2.52	1.986	1.929	1.773
3.784	3.603	3.477	3.145	3.026	3.001	2.902	2.103	1.949	1.898
3.459	3.222	3.124	2.847	2.648	2.647	2.378	1.972	1.777	1.686
3.672	3.585	3.206	3.112	3.019	2.797	2.691	2.015	1.922	1.838
3.309	3.225	2.714	2.53	2.414	2.414	2.414	2.018	1.748	1.65
3.505	3.257	3.152	2.849	2.779	2.461	2.414	1.89	1.79	1.676
3.778	3.579	3.415	3.132	2.946	2.84	2.797	2.01	1.978	1.888

3.636	3.028	2.906	2.76	2.715	2.557	2.45	2.005	1.875	1.45
3.763	3.333	2.991	2.859	2.647	2.647	2.574	1.984	1.902	1.713
3.665	3.404	3.056	2.877	2.738	2.601	2.457	2.025	1.789	1.783
3.821	3.537	3.361	3.115	2.97	2.847	2.832	2.007	1.97	1.809
3.802	3.583	3.5	3.402	3.31	3.156	3.096	1.965	1.963	1.866
3.559	2.803	2.718	2.647	2.534	1.898	1.51	1.934	1.702	1.499
3.818	3.767	3.6	3.247	3.139	2.871	2.802	2.011	1.978	1.913
3.456	3.245	3.156	2.666	2.647	2.435	2.414	1.959	1.823	1.636
3.196	2.901	2.601	2.461	2.325	1.935	1.355	1.903	1.682	1.429
3.703	3.532	3.247	3.063	2.9	2.797	2.647	2.026	1.874	1.839
3.538	3.366	3.258	2.955	2.933	2.799	2.537	2.081	1.867	1.722
3.732	3.424	3.216	2.959	2.803	2.697	2.647	1.996	1.878	1.789
3.651	3.627	3.585	3.523	3.293	3.164	3.11	1.993	1.944	1.93
3.783	3.602	3.473	3.136	3.022	3.001	2.901	2.103	1.949	1.897
3.701	3.365	3.13	2.961	2.708	2.676	2.539	1.987	1.934	1.743
3.771	3.369	3.195	3.096	3.003	2.83	2.767	2.074	1.865	1.772
3.696	3.341	3.027	2.761	2.647	2.647	2.526	1.999	1.848	1.77
3.573	3.515	3.421	3.338	3	3	2.996	2.115	1.903	1.843
3.836	3.594	3.321	3.11	3.004	2.797	2.732	1.968	1.916	1.866
3.03	2.682	2.478	2.036	1.719	1.149	0.592	1.821	1.557	1.369
3.606	3.198	3.139	2.787	2.728	2.532	2.452	1.969	1.8	1.661
3.57	3.325	3.114	2.931	2.765	2.684	2.582	2.086	1.855	1.647
3.785	3.39	3.14	2.887	2.805	2.674	2.647	2.007	1.918	1.764
3.83	3.782	3.565	3.529	3.421	3.374	3.186	2.019	1.941	1.933
3.803	3.645	3.503	3.399	3.084	2.985	2.797	1.994	1.941	1.831
3.485	2.832	2.716	2.538	2.18	1.654	1.598	1.979	1.755	1.266
3.805	3.504	3.327	3.12	3.004	2.769	2.754	2.075	1.966	1.812
3.565	3.198	2.811	2.702	2.647	2.542	2.381	1.995	1.846	1.571
3.697	3.356	3.339	3.109	3.057	2.973	2.932	2.079	1.861	1.785
3.578	3.41	3.199	3.113	2.817	2.714	2.562	2.091	1.851	1.711
3.799	3.669	3.345	3.249	2.999	2.933	2.871	2.052	1.952	1.891
3.661	3.279	2.971	2.925	2.839	2.799	2.519	2.058	1.876	1.592
3.669	3.293	3.11	2.998	2.882	2.789	2.627	2.052	1.892	1.651
3.701	3.404	3.13	3.048	2.687	2.676	2.539	1.993	1.934	1.729
3.84	3.776	3.474	3.179	3.15	3.012	2.987	2.061	1.98	1.964
3.677	3.567	3.494	3.269	3.141	2.86	2.749	2.052	1.896	1.844
3.806	3.31	3.112	2.804	2.803	2.647	2.528	1.966	1.896	1.605
3.474	3.199	2.79	2.647	2.647	2.157	2.088	1.961	1.777	1.472
3.739	3.32	3.065	2.742	2.684	2.611	2.535	2.059	1.846	1.633
3.805	3.684	3.312	2.994	2.796	2.66	2.647	2.045	1.952	1.874
3.571	3.094	2.899	2.658	2.481	2.262	1.615	2.116	1.793	1.409
3.712	3.269	3.168	2.97	2.839	2.699	2.523	2.073	1.833	1.687
3.798	3.515	3.278	3.005	2.797	2.769	2.725	2.023	1.985	1.833
3.627	3.297	3.011	2.797	2.79	2.647	2.556	2.017	1.868	1.714
4	3.774	3.693	3.477	3.386	3.316	3.236	2.047	2.01	1.974
4.009	3.795	3.681	3.454	3.39	3.332	3.169	2.059	2.023	1.97
3.05	2.982	2.982	2.104	2.104	1.972	1.178	2.094	1.44	1.353
3.692	3.161	3.081	2.638	2.629	2.52	2.271	1.97	1.929	1.498
3.658	3.388	3.139	3.039	3.001	2.841	2.761	1.994	1.855	1.722
3.651	3.627	3.583	3.521	3.286	3.164	3.11	1.991	1.944	1.93



3.759	3.636	3.531	3.207	3.043	3.005	2.906	2.066	1.958	1.891
3.806	3.543	3.329	2.967	2.797	2.733	2.647	2.006	1.941	1.815
3.915	3.75	3.522	3.28	3.122	2.999	2.798	2.018	1.989	1.951
3.82	3.755	3.62	3.498	3.433	3.257	3.099	1.997	1.963	1.919
3.164	2.675	2.199	1.888	1.75	1.235	1.218	1.854	1.612	1.287
3.708	3.558	3.293	3.115	2.845	2.725	2.618	2.09	1.85	1.669
3.797	3.767	3.516	3.47	3.283	3.019	2.96	2.03	1.97	1.903
3.837	3.784	3.771	3.742	3.386	3.351	3.251	2.107	1.985	1.956
3.603	3.356	3.147	2.853	2.671	2.616	2.414	2.031	1.837	1.797
3.871	3.696	3.591	3.456	3.277	3.029	2.808	2.043	1.999	1.882
3.766	3.415	3.226	2.892	2.868	2.647	2.608	2.031	1.957	1.759
3.809	3.552	3.509	3.381	3.259	2.913	2.845	2.048	1.958	1.83
3.672	3.506	3.382	3.202	2.835	2.825	2.797	1.977	1.939	1.81
3.661	3.359	3.053	2.647	2.637	2.582	2.425	2.002	1.829	1.749
3.414	3.122	2.852	2.732	2.681	2.379	1.875	1.798	1.727	1.568
3.758	3.67	3.583	3.526	3.501	3.25	3.174	2.085	1.968	1.92
3.76	3.408	3.305	3.092	2.978	2.78	2.712	1.958	1.942	1.77
3.879	3.623	3.461	3.247	2.911	2.744	2.669	2.049	1.967	1.796
3.444	3.065	3.01	2.955	2.781	2.355	2.089	1.981	1.819	1.476
3.848	3.696	3.532	3.359	3.118	2.905	2.797	2.041	1.991	1.848
3.559	2.803	2.718	2.647	2.534	1.898	1.51	1.934	1.702	1.499
3.719	3.501	3.24	2.914	2.835	2.797	2.709	2.097	1.899	1.632
3.461	3.323	3.205	2.904	2.526	2.505	2.414	2.087	1.828	1.634
3.793	3.763	3.68	3.578	3.478	3.299	3.232	1.983	1.945	1.877
3.836	3.775	3.546	3.507	3.42	3.337	3.258	2.081	2.032	1.959
3.999	3.774	3.693	3.477	3.386	3.316	3.236	2.047	2.01	1.974
3.696	3.366	2.778	2.647	2.647	2.526	2.399	2.005	1.848	1.533
3.78	3.382	3.211	3	2.809	2.72	2.696	2.107	2.011	1.625
3.788	3.403	3.181	2.938	2.846	2.778	2.677	2.141	2.022	1.627
3.657	3.452	3.091	2.862	2.742	2.593	2.438	2.031	1.878	1.797
3.784	3.34	3.123	2.958	2.84	2.713	2.445	1.968	1.956	1.684
3.74	3.286	3.138	2.882	2.706	2.607	2.429	2.073	1.835	1.686
3.701	3.453	3.131	3.091	2.753	2.676	2.539	1.992	1.934	1.873
3.742	3.344	3.179	3.079	2.971	2.807	2.714	2.077	1.86	1.742
3.799	3.669	3.336	3.24	2.999	2.923	2.869	2.052	1.969	1.891
3.7	3.409	3.205	2.825	2.696	2.575	2.473	2.096	1.909	1.666
3.812	3.367	3.082	2.914	2.786	2.728	2.628	1.982	1.968	1.69
3.85	3.696	3.564	3.359	3.13	2.933	2.797	2.06	2.004	1.848
3.582	3.4	3.135	2.966	2.806	2.675	2.493	2.054	1.931	1.644
3.737	3.33	3.169	3.059	2.968	2.798	2.697	2.074	1.851	1.732
3.774	3.306	3.035	2.823	2.664	2.647	2.54	2.009	1.88	1.727
3.75	3.705	3.409	3.318	2.938	2.811	2.647	2.04	1.909	1.878
3.822	3.546	3.408	3.116	2.979	2.856	2.832	2.014	1.98	1.862
3.665	3.452	3.093	2.881	2.742	2.601	2.457	2.027	1.878	1.786
3.7	3.558	3.091	2.865	2.797	2.735	2.625	2.008	1.944	1.879
3.439	2.817	2.721	2.387	2.155	1.349	1.342	1.905	1.608	1.536
3.822	3.767	3.628	3.258	3.145	2.882	2.818	2.028	2	1.923
3.569	3.391	3.266	2.955	2.933	2.8	2.537	2.081	1.938	1.743
3.712	3.269	3.168	2.97	2.839	2.699	2.523	2.073	1.833	1.687
3.76	3.437	3.341	3.094	2.997	2.783	2.713	1.958	1.956	1.846

3.701	3.398	3.13	3.009	2.723	2.676	2.539	1.989	1.934	1.825
3.738	3.339	3.179	3.078	2.971	2.806	2.713	2.076	1.854	1.736
4	3.776	3.711	3.479	3.386	3.32	3.248	2.053	2.03	1.983
3.7	3.342	3.167	2.784	2.611	2.53	2.348	2.017	1.9	1.539
3.871	3.696	3.622	3.456	3.283	3.052	2.815	2.06	2	1.931
3.505	3.308	3.181	2.85	2.783	2.461	2.414	1.89	1.884	1.678
3.756	3.349	3.184	3.074	2.962	2.793	2.711	2.076	1.856	1.737
3.784	3.603	3.477	3.145	3.026	3.001	2.902	2.103	1.949	1.898
3.541	3.349	3.128	2.797	2.778	2.575	2.423	2.042	1.91	1.624
3.652	3.64	3.589	3.521	3.287	3.174	3.155	2.004	1.965	1.935
3.758	3.67	3.583	3.526	3.501	3.25	3.174	2.085	1.968	1.92
3.496	3.247	3.156	2.68	2.647	2.481	2.414	1.963	1.893	1.639
3.406	3.158	2.818	2.75	2.656	2.364	1.937	1.794	1.733	1.585
3.651	3.636	3.585	3.572	3.517	3.494	3.481	1.962	1.945	1.924
3.758	3.636	3.53	3.207	3.032	3.004	2.916	2.067	1.958	1.889
3.545	3.37	3.132	2.797	2.797	2.666	2.444	2.051	1.91	1.632
3.573	3.39	3.31	2.891	2.797	2.717	2.635	2.081	1.945	1.647
3.837	3.784	3.771	3.742	3.386	3.351	3.251	2.107	1.985	1.956
3.805	3.497	3.33	3.11	2.99	2.795	2.712	2.074	1.965	1.799
3.649	3.404	3.199	2.809	2.697	2.577	2.401	2.095	1.712	1.646
3.803	3.645	3.503	3.399	3.084	2.985	2.797	1.994	1.941	1.831
3.575	3.394	3.306	2.892	2.797	2.679	2.636	2.082	1.946	1.646

BELv4	BELv5	BELv6	BELv7	BELv8	BEHe1	BEHe2	BEHe3	BEHe4	BEHe5
1.576	1.536	1.366	1.117	1.117	3.977	3.78	3.705	3.339	3.314
1.616	1.504	1.344	1.167	1.117	3.926	3.644	3.572	3.4	3.317
1.559	1.231	0.996	0.973	0.903	4.065	3.819	3.66	3.283	2.942
1.571	1.189	1.117	1.044	0.949	3.894	3.641	3.413	3.382	2.939
1.675	1.484	1.406	1.308	1.224	4.036	3.807	3.654	3.338	3.228
1.478	1.445	1.132	1.117	0.984	4.024	3.746	3.591	3.3	3.239
1.387	1.25	1.078	0.903	0.811	4.078	3.748	3.463	3.201	2.976
1.6	1.514	1.478	1.359	1.233	3.97	3.893	3.736	3.59	3.376
1.406	1.314	1.082	0.996	0.94	3.924	3.811	3.505	3.17	3.05
1.595	1.523	1.272	1.267	1.073	4.007	3.811	3.74	3.406	3.064
1.231	0.977	0.938	0.802	0.547	3.975	3.752	3.448	3.104	2.81
1.728	1.666	1.617	1.511	1.321	4.15	3.809	3.654	3.521	3.438
1.33	1.272	1.272	1.167	1.001	4.029	3.758	3.648	3.49	3.031
1.66	1.503	1.333	1.057	0.996	3.967	3.789	3.754	3.384	3.157
1.498	1.434	1.136	1.117	0.965	4.007	3.75	3.593	3.276	3.244
1.546	1.148	0.959	0.906	0.831	4.013	3.809	3.559	3.26	3.104
0.979	0.909	0.512	0.335	0.073	3.882	3.667	2.974	2.813	2.551
1.42	1.272	1.188	1.175	0.931	4.01	3.75	3.702	3.248	3.027
1.853	1.826	1.738	1.671	1.553	3.95	3.869	3.866	3.717	3.694
1.692	1.658	1.549	1.424	1.295	4.023	3.938	3.75	3.709	3.421
1.43	1.272	1.26	0.965	0.894	4.033	3.737	3.68	3.238	3.124
1.363	1.107	0.996	0.914	0.803	3.991	3.776	3.474	3.189	2.917
1.656	1.421	1.408	1.336	1.272	4.011	3.876	3.728	3.485	3.187
1.478	1.342	1.131	1.117	0.952	4.01	3.744	3.588	3.29	3.148
1.516	1.446	1.193	1.137	0.848	4.051	3.833	3.496	3.395	3.143
1.537	1.272	1.174	1.062	0.933	3.991	3.703	3.492	3.333	3.02
1.551	1.347	1.216	1.117	1.008	4.032	3.788	3.593	3.384	3.142
1.601	1.472	1.281	1.1	1.09	4.064	3.683	3.43	3.409	3.27
1.446	1.311	1.233	1.091	0.994	4.064	3.665	3.507	3.178	3.129
1.685	1.467	1.272	1.222	0.996	3.967	3.754	3.716	3.483	3.245
1.5	1.445	1.14	1.117	0.984	4.005	3.746	3.593	3.276	3.238
1.252	1.137	0.958	0.783	0.493	3.944	3.658	3.24	3.019	2.885
1.54	1.383	1.291	1.051	0.996	3.931	3.859	3.598	3.365	3.185
1.925	1.795	1.724	1.629	1.468	3.95	3.879	3.849	3.798	3.652
1.238	1.017	0.957	0.851	0.665	3.988	3.775	3.485	3.105	2.867
1.716	1.592	1.421	1.341	1.318	3.973	3.692	3.648	3.538	3.411
1.554	1.416	1.162	0.989	0.929	4.103	3.705	3.551	3.364	3.173
1.426	1.085	1.038	0.973	0.56	3.76	3.383	3.372	3.189	2.698
1.591	1.477	1.417	1.291	1.222	4.062	3.842	3.5	3.4	3.281
1.459	1.411	1.269	1.024	0.881	3.914	3.653	3.373	3.164	3.152
1.574	1.282	1.141	1.117	0.996	3.889	3.643	3.44	3.354	3.016
1.225	1.141	1.004	0.668	0.628	3.903	3.528	3.146	2.98	2.795
1.341	1.269	1.25	0.935	0.91	4.02	3.733	3.624	3.104	3.053
1.427	1.411	1.286	1.272	1.09	4.12	3.812	3.665	3.501	3.259
1.681	1.504	1.488	1.338	1.236	4.01	3.802	3.556	3.486	3.361
1.547	1.149	0.996	0.907	0.856	4.012	3.804	3.558	3.26	3.104
1.237	0.996	0.982	0.857	0.558	3.983	3.771	3.45	3.105	2.817
1.551	1.342	1.272	1.168	0.984	4.013	3.745	3.697	3.233	3.023
1.424	1.042	0.975	0.91	0.582	4.007	3.747	3.361	3.272	2.826

1.608	1.19	1.117	1.094	0.952	3.876	3.639	3.461	3.396	2.946
1.623	1.459	1.45	1.272	1.211	3.94	3.71	3.674	3.47	3.298
1.438	1.382	1.26	1.222	1.007	4.113	3.68	3.512	3.264	3.164
1.864	1.83	1.738	1.672	1.581	3.946	3.869	3.866	3.732	3.695
1.704	1.509	1.351	1.305	1.272	4.079	3.922	3.724	3.534	3.315
1.561	1.191	1.117	1.011	0.996	3.882	3.643	3.445	3.365	2.943
1.692	1.589	1.398	1.341	1.28	3.968	3.691	3.648	3.519	3.408
1.521	1.465	1.409	1.289	1.147	4.055	3.835	3.499	3.325	3.278
1.508	1.458	1.399	1.256	1.139	4.054	3.835	3.497	3.319	3.276
1.501	1.144	1.117	1.027	0.929	3.99	3.705	3.59	3.264	2.95
1.426	1.222	1.117	1.028	0.929	3.992	3.705	3.615	3.17	2.973
1.133	1.117	0.856	0.728	0.094	3.898	3.527	3.1	2.922	2.7
1.687	1.476	1.272	1.266	1.031	3.992	3.75	3.719	3.489	3.271
1.544	1.438	1.172	0.97	0.922	4.032	3.625	3.51	3.282	3.098
1.582	1.387	1.155	1.001	0.996	3.935	3.812	3.646	3.337	3.199
1.496	1.399	1.177	1.125	1.098	4.061	3.814	3.725	3.309	3.245
0.979	0.905	0.546	0.087	0	4.028	3.431	3.155	2.805	2.66
1.367	1.333	1.141	1.117	0.93	3.906	3.589	3.482	3.11	3.028
1.571	1.464	1.167	1.103	0.958	3.976	3.666	3.375	3.361	3.212
1.451	1.4	1.241	1.211	1.089	3.928	3.781	3.411	3.281	3.146
1.718	1.592	1.423	1.363	1.32	3.975	3.71	3.691	3.543	3.412
1.613	1.359	1.272	1.225	1.172	4.008	3.869	3.769	3.471	3.16
1.655	1.473	1.354	1.259	0.981	4.008	3.805	3.608	3.314	3.223
1.652	1.515	1.272	1.235	1.132	3.893	3.761	3.692	3.46	3.344
1.414	1.122	1.017	0.941	0.605	3.872	3.495	3.275	3.111	2.97
1.592	1.449	1.383	1.294	1.184	3.972	3.791	3.744	3.443	3.228
1.576	1.532	1.322	1.117	1.117	3.975	3.777	3.705	3.329	3.314
1.703	1.345	1.15	1.117	1.117	3.95	3.76	3.61	3.331	3.075
1.55	1.445	1.232	1.117	0.987	4.008	3.746	3.643	3.311	3.243
1.663	1.418	1.224	0.966	0.957	4.092	3.896	3.429	3.25	2.996
1.663	1.645	1.565	1.384	0.996	4.039	3.943	3.75	3.553	3.376
1.202	1.111	0.999	0.633	0.513	4.092	3.726	3.222	3.039	2.879
1.513	1.191	1.095	0.996	0.883	3.994	3.831	3.555	3.387	2.993
1.727	1.593	1.555	1.389	1.342	3.936	3.86	3.74	3.557	3.427
1.564	1.447	1.156	1.006	0.961	4.111	3.84	3.507	3.327	3.174
1.563	1.515	1.303	1.272	1.057	4.05	3.966	3.707	3.444	3.258
1.59	1.461	1.279	1.117	1.044	4.104	3.723	3.554	3.36	3.056
1.1	0.885	0.755	0.525	0.09	4.077	3.764	3.25	2.864	2.512
1.809	1.716	1.646	1.622	1.461	4.158	3.988	3.773	3.661	3.588
1.675	1.461	1.36	1.331	1.17	4.164	3.792	3.61	3.405	3.289
1.391	1.296	1.207	0.955	0.912	4.109	3.668	3.512	3.249	3.06
1.62	1.407	1.278	1.24	1.007	4.117	3.798	3.656	3.483	3.26
1.442	1.416	1.212	1.046	0.996	3.954	3.886	3.651	3.301	3.108
1.478	1.384	1.131	1.117	0.938	4.031	3.737	3.592	3.299	3.233
1.7	1.5	1.444	1.4	1.34	4.096	3.865	3.772	3.608	3.338
1.52	1.329	1.17	1.076	0.996	3.918	3.612	3.468	3.336	3.13
1.628	1.43	1.326	1.272	1.058	4.037	3.74	3.727	3.435	3.238
1.147	1.117	1.117	1.117	0.904	3.932	3.569	3.456	2.951	2.7
1.551	1.465	1.446	1.117	1.065	3.906	3.76	3.46	3.395	3.219
1.7	1.509	1.345	1.28	1.272	4.079	3.915	3.722	3.522	3.315

1.441	1.378	1.265	1.14	0.944	3.956	3.787	3.24	3.201	3.079
1.421	1.256	1.033	0.996	0.996	3.926	3.82	3.509	3.251	3.093
1.499	1.139	1.117	1.008	0.919	3.992	3.71	3.591	3.266	2.959
1.72	1.516	1.414	1.409	1.407	3.966	3.896	3.661	3.542	3.283
1.833	1.736	1.667	1.606	1.465	3.919	3.867	3.741	3.689	3.602
1.192	0.996	0.938	0.649	0.127	3.92	3.677	3.004	2.98	2.769
1.894	1.656	1.506	1.358	1.272	4.109	3.891	3.829	3.744	3.412
1.54	1.182	1.117	1.013	0.996	3.891	3.644	3.446	3.354	2.929
1.231	1.044	0.896	0.665	0	3.987	3.467	3.173	2.855	2.743
1.671	1.453	1.272	1.219	0.996	3.967	3.754	3.717	3.507	3.265
1.499	1.459	1.394	1.113	1.012	4.041	3.698	3.528	3.369	3.152
1.551	1.347	1.216	1.117	1.008	4.032	3.788	3.593	3.384	3.142
1.863	1.815	1.642	1.597	1.554	3.947	3.809	3.795	3.722	3.674
1.694	1.489	1.439	1.398	1.325	4.095	3.864	3.772	3.598	3.32
1.445	1.444	1.138	0.984	0.911	4.004	3.746	3.543	3.248	3.193
1.523	1.508	1.413	1.292	1.204	4.067	3.848	3.516	3.34	3.3
1.43	1.178	1.117	0.996	0.996	3.94	3.75	3.567	3.215	2.943
1.807	1.698	1.505	1.505	1.365	4.075	3.734	3.666	3.636	3.537
1.708	1.518	1.396	1.272	1.178	3.987	3.937	3.732	3.472	3.325
1.069	0.656	0.497	0.197	0	3.839	3.249	2.929	2.796	2.38
1.47	1.43	1.099	1.026	0.905	4.057	3.722	3.437	3.385	3.006
1.436	1.38	1.244	1.219	0.972	4.106	3.672	3.512	3.256	3.164
1.515	1.382	1.203	1.043	0.996	4.144	3.834	3.523	3.37	3.072
1.808	1.76	1.706	1.645	1.427	4.002	3.932	3.87	3.782	3.728
1.724	1.657	1.491	1.459	1.309	3.984	3.897	3.802	3.691	3.594
1.036	0.898	0.786	0.371	0.202	3.939	3.664	3.033	2.811	2.807
1.644	1.511	1.422	1.27	1.21	4.024	3.895	3.676	3.502	3.367
1.325	1.228	1.024	0.996	0.839	3.917	3.691	3.406	3.061	2.928
1.734	1.549	1.475	1.268	1.243	4.064	3.774	3.574	3.554	3.327
1.5	1.398	1.263	1.114	0.964	4.114	3.683	3.563	3.343	3.253
1.729	1.565	1.504	1.436	1.371	4.012	3.863	3.799	3.554	3.422
1.508	1.469	1.384	1.213	1.033	4.016	3.783	3.46	3.362	3.241
1.534	1.504	1.407	1.231	1.105	4.008	3.799	3.488	3.366	3.327
1.445	1.427	1.13	0.984	0.911	4.023	3.746	3.543	3.252	3.216
1.84	1.558	1.525	1.454	1.45	4.149	3.943	3.875	3.619	3.398
1.783	1.601	1.501	1.325	1.219	4.022	3.827	3.73	3.655	3.43
1.455	1.406	1.14	0.996	0.971	4.009	3.876	3.504	3.302	3.085
1.261	1.129	0.996	0.786	0.696	3.877	3.621	3.293	2.976	2.839
1.456	1.141	0.957	0.917	0.86	4.008	3.786	3.448	3.231	2.921
1.599	1.35	1.185	0.996	0.98	4.021	3.891	3.783	3.53	3.233
1.266	1.09	0.925	0.795	0.403	4.073	3.65	3.224	3.065	2.82
1.508	1.445	1.288	1.187	1.079	4.034	3.797	3.41	3.299	3.128
1.701	1.43	1.272	1.2	1.097	4.019	3.894	3.675	3.45	3.205
1.445	1.327	1.272	1.117	1.076	3.945	3.732	3.5	3.222	3.057
1.94	1.78	1.77	1.624	1.591	4.19	4.078	3.859	3.815	3.611
1.892	1.776	1.746	1.593	1.573	4.181	4.087	3.875	3.777	3.6
1.353	0.888	0.807	0.807	0.213	3.984	3.218	3.118	3.118	2.441
1.384	1.04	0.928	0.906	0.536	4.01	3.737	3.354	3.234	2.825
1.569	1.524	1.443	1.385	1.321	4.034	3.76	3.561	3.348	3.237
1.858	1.813	1.634	1.595	1.553	3.944	3.808	3.795	3.717	3.672

1.65	1.594	1.515	1.45	1.433	4.078	3.856	3.835	3.698	3.456
1.633	1.309	1.272	1.079	0.996	3.94	3.87	3.679	3.463	3.154
1.831	1.618	1.53	1.461	1.36	4.155	4.02	3.819	3.716	3.427
1.886	1.808	1.763	1.666	1.479	3.998	3.9	3.854	3.766	3.64
1.007	0.853	0.79	0.418	0.408	3.721	3.407	3.02	2.683	2.491
1.422	1.383	1.272	1.258	1.06	4.117	3.812	3.654	3.469	3.259
1.833	1.784	1.624	1.41	1.321	3.956	3.886	3.822	3.666	3.625
1.926	1.911	1.7	1.665	1.602	4.08	3.912	3.854	3.847	3.823
1.601	1.357	1.225	1.117	0.996	4.112	3.828	3.551	3.324	3.046
1.848	1.742	1.596	1.372	1.272	4	3.921	3.75	3.727	3.569
1.529	1.38	1.265	1.117	1.067	4.132	3.825	3.585	3.386	3.047
1.75	1.664	1.58	1.515	1.33	4.023	3.874	3.729	3.684	3.541
1.669	1.645	1.427	1.272	1.23	3.926	3.85	3.668	3.561	3.369
1.414	1.117	1.035	0.996	0.93	3.943	3.74	3.548	3.204	2.797
1.485	1.34	1.133	0.889	0.717	3.893	3.641	3.302	3.118	2.953
1.87	1.835	1.747	1.549	1.511	4.075	3.872	3.842	3.767	3.696
1.688	1.499	1.415	1.304	1.117	3.968	3.825	3.59	3.522	3.313
1.677	1.661	1.547	1.294	1.118	4.116	3.98	3.765	3.591	3.382
1.459	1.4	1.21	1.005	0.749	3.915	3.644	3.287	3.152	3.146
1.801	1.698	1.518	1.272	1.236	4.004	3.909	3.75	3.666	3.529
1.192	0.996	0.938	0.649	0.127	3.92	3.677	3.004	2.98	2.769
1.539	1.52	1.411	1.272	1.264	4.059	3.885	3.687	3.452	3.153
1.516	1.217	1.117	1.058	0.83	4.045	3.651	3.444	3.355	3.028
1.792	1.765	1.717	1.664	1.556	3.94	3.858	3.848	3.786	3.728
1.837	1.83	1.737	1.607	1.571	4.044	3.935	3.855	3.711	3.663
1.94	1.783	1.771	1.624	1.593	4.19	4.078	3.859	3.815	3.609
1.444	0.996	0.996	0.856	0.834	3.994	3.75	3.572	2.941	2.769
1.525	1.4	1.299	1.195	1.135	4.067	3.891	3.495	3.345	3.187
1.519	1.389	1.309	1.276	1.171	4.092	3.903	3.502	3.322	3.166
1.53	1.145	1.117	1.027	0.929	3.991	3.705	3.668	3.298	2.952
1.552	1.301	1.261	1.075	0.884	4.08	3.884	3.49	3.403	3.115
1.488	1.393	1.143	1.06	0.937	4.041	3.815	3.411	3.275	3.031
1.528	1.445	1.14	1.117	0.984	4.006	3.746	3.67	3.308	3.241
1.528	1.481	1.418	1.301	1.178	4.053	3.828	3.501	3.325	3.284
1.754	1.565	1.504	1.431	1.356	4.012	3.868	3.799	3.56	3.421
1.485	1.234	1.18	0.94	0.883	4.082	3.817	3.555	3.42	3.031
1.44	1.397	1.392	1.249	1.054	4.088	3.904	3.516	3.26	3.127
1.845	1.699	1.527	1.284	1.272	4.013	3.916	3.75	3.71	3.53
1.542	1.408	1.247	1.091	1.002	4.016	3.767	3.543	3.335	3.144
1.519	1.466	1.396	1.276	1.166	4.042	3.816	3.467	3.303	3.241
1.464	1.268	1.079	0.996	0.977	4.087	3.843	3.506	3.311	2.999
1.832	1.606	1.393	1.192	1.117	4.012	3.806	3.77	3.646	3.42
1.746	1.518	1.426	1.409	1.407	3.969	3.899	3.695	3.586	3.283
1.528	1.139	1.117	1.008	0.919	3.993	3.71	3.668	3.299	2.962
1.468	1.272	1.189	1.176	0.933	4.013	3.774	3.732	3.289	3.032
0.917	0.909	0.468	0.382	0.141	3.886	3.643	2.974	2.813	2.546
1.899	1.68	1.512	1.377	1.272	4.11	3.904	3.829	3.78	3.429
1.499	1.459	1.395	1.113	1.063	4.041	3.755	3.552	3.371	3.152
1.508	1.445	1.288	1.187	1.079	4.034	3.797	3.41	3.299	3.128
1.703	1.507	1.42	1.307	1.117	3.97	3.826	3.649	3.549	3.321

1.494	1.445	1.138	0.984	0.911	4.005	3.746	3.605	3.263	3.233
1.528	1.481	1.416	1.3	1.174	4.047	3.818	3.491	3.325	3.284
1.959	1.786	1.772	1.641	1.593	4.192	4.078	3.874	3.833	3.61
1.359	1.316	1.153	0.943	0.847	4.08	3.817	3.477	3.402	3.008
1.848	1.742	1.601	1.414	1.272	4.007	3.921	3.775	3.75	3.569
1.551	1.478	1.459	1.117	1.065	3.918	3.76	3.546	3.409	3.22
1.521	1.465	1.409	1.289	1.147	4.055	3.835	3.499	3.325	3.278
1.7	1.5	1.444	1.4	1.34	4.096	3.865	3.772	3.608	3.338
1.52	1.272	1.225	1.025	0.937	3.992	3.737	3.505	3.325	3.027
1.866	1.813	1.673	1.627	1.554	3.949	3.82	3.804	3.725	3.672
1.87	1.835	1.747	1.549	1.511	4.075	3.872	3.842	3.767	3.696
1.54	1.245	1.117	1.042	0.996	3.892	3.701	3.452	3.355	2.958
1.479	1.293	1.149	0.915	0.71	3.892	3.638	3.331	3.081	2.961
1.899	1.865	1.833	1.81	1.793	3.961	3.816	3.798	3.748	3.73
1.65	1.593	1.512	1.459	1.433	4.08	3.855	3.834	3.697	3.456
1.523	1.272	1.225	1.046	0.968	4.006	3.737	3.515	3.326	3.03
1.613	1.362	1.272	1.181	1.028	4.043	3.772	3.533	3.478	3.132
1.926	1.911	1.7	1.665	1.602	4.08	3.912	3.854	3.847	3.823
1.643	1.477	1.404	1.27	1.165	4.024	3.895	3.663	3.501	3.338
1.58	1.36	1.222	1.02	0.928	4.083	3.851	3.554	3.418	3.036
1.724	1.657	1.491	1.459	1.309	3.984	3.897	3.802	3.691	3.594
1.604	1.362	1.272	1.168	1.029	4.044	3.774	3.533	3.472	3.131

BEHe6	BEHe7	BEHe8	BELe1	BELe2	BELe3	BELe4	BELe5	BELe6	BELe7
3.149	2.881	2.769	1.948	1.783	1.669	1.354	1.351	1.08	0.899
3.12	2.897	2.704	1.873	1.595	1.542	1.378	1.273	1.057	0.838
2.78	2.769	2.66	1.928	1.793	1.496	1.322	1.069	0.799	0.765
2.804	2.7	2.676	1.867	1.594	1.421	1.375	0.879	0.832	0.761
3.135	2.975	2.956	1.936	1.598	1.521	1.47	1.219	1.081	1.034
2.894	2.778	2.7	1.94	1.857	1.555	1.277	1.271	0.933	0.804
2.881	2.683	2.537	2.046	1.73	1.438	1.194	0.976	0.862	0.659
3.294	3.033	3.029	1.901	1.868	1.587	1.357	1.267	1.111	1.074
2.818	2.769	2.721	1.886	1.822	1.483	1.129	1.084	0.817	0.799
2.978	2.836	2.769	1.903	1.721	1.664	1.433	1.338	1.042	1.019
2.708	2.64	2.475	1.896	1.738	1.411	1.069	0.788	0.721	0.557
3.359	3.327	3.176	2.001	1.723	1.608	1.498	1.46	1.411	1.257
2.978	2.909	2.736	1.934	1.638	1.432	1.091	1.019	1.019	0.882
2.992	2.769	2.769	1.932	1.761	1.594	1.436	1.288	1.067	0.799
2.908	2.789	2.7	1.889	1.855	1.555	1.266	1.239	0.916	0.796
2.792	2.657	2.652	1.932	1.79	1.413	1.201	0.914	0.782	0.662
2.442	1.947	1.647	1.821	1.331	1.262	0.764	0.754	0.123	0
2.978	2.925	2.735	1.872	1.84	1.645	1.178	1.019	0.968	0.934
3.59	3.522	3.396	1.876	1.866	1.86	1.676	1.609	1.523	1.462
3.316	3.077	2.866	1.963	1.871	1.764	1.511	1.469	1.306	1.158
2.978	2.757	2.683	1.94	1.83	1.642	1.248	1.099	1.019	0.778
2.769	2.709	2.597	1.921	1.779	1.447	1.146	0.89	0.799	0.721
3.133	2.983	2.978	1.868	1.849	1.76	1.478	1.134	1.123	1.042
2.893	2.755	2.7	1.937	1.81	1.554	1.277	1.101	0.93	0.763
2.958	2.659	2.602	2.027	1.626	1.402	1.378	1.272	1	0.947
2.978	2.837	2.715	1.897	1.641	1.423	1.301	1.019	0.86	0.73
2.946	2.856	2.769	1.932	1.796	1.571	1.311	1.12	1.028	0.802
2.995	2.753	2.737	1.788	1.641	1.386	1.305	1.219	0.976	0.786
3.006	2.808	2.759	1.906	1.75	1.466	1.185	1.008	0.996	0.799
3.041	2.978	2.769	1.932	1.761	1.664	1.4	1.21	1.034	1.019
2.908	2.778	2.7	1.891	1.857	1.556	1.271	1.24	0.918	0.804
2.791	2.581	2.053	1.909	1.656	1.217	0.993	0.898	0.782	0.56
3.034	2.787	2.769	1.886	1.863	1.575	1.313	1.098	1.038	0.799
3.543	3.451	3.282	1.882	1.875	1.858	1.733	1.616	1.514	1.4
2.792	2.668	2.556	1.917	1.771	1.414	1.068	0.79	0.782	0.655
3.22	3.108	3.047	1.945	1.659	1.615	1.545	1.373	1.173	1.092
2.926	2.749	2.707	2.087	1.718	1.545	1.375	1.171	0.954	0.778
2.693	2.568	2.187	1.721	1.32	1.151	1.067	0.714	0.634	0.609
3.14	2.999	2.925	1.994	1.735	1.569	1.405	1.25	1.161	0.995
3.042	2.748	2.654	1.856	1.6	1.307	1.195	1.076	1.004	0.708
2.817	2.769	2.7	1.861	1.595	1.397	1.312	0.979	0.799	0.794
2.574	2.321	2.317	1.878	1.499	1.18	0.982	0.774	0.517	0.37
3.007	2.667	2.657	1.906	1.828	1.552	1.093	1.064	1.027	0.71
3.048	3.002	2.828	2.003	1.737	1.507	1.243	1.215	1.051	1.019
3.313	3.091	2.985	1.952	1.733	1.489	1.397	1.29	1.118	0.998
2.769	2.654	2.65	1.933	1.793	1.413	1.201	0.914	0.799	0.669
2.769	2.654	2.52	1.919	1.773	1.413	1.068	0.799	0.785	0.66
2.978	2.904	2.76	1.847	1.71	1.518	1.415	1.069	1.019	0.92
2.788	2.642	2.507	1.884	1.851	1.245	1.194	0.797	0.776	0.711



2.87	2.7	2.682	1.825	1.593	1.454	1.376	0.879	0.827	0.761
3.152	2.978	2.962	1.903	1.726	1.629	1.408	1.268	1.195	1.019
3.023	2.892	2.815	1.997	1.714	1.421	1.216	1.109	0.982	0.932
3.594	3.523	3.413	1.874	1.866	1.859	1.681	1.61	1.523	1.462
3.15	3.104	2.978	1.901	1.837	1.713	1.541	1.266	1.076	1.019
2.769	2.705	2.7	1.838	1.594	1.387	1.313	0.878	0.799	0.761
3.207	3.097	3.013	1.936	1.652	1.615	1.507	1.371	1.158	1.062
3.113	2.98	2.911	1.985	1.732	1.569	1.314	1.25	1.148	0.995
3.112	2.976	2.901	1.982	1.729	1.569	1.31	1.236	1.148	0.971
2.871	2.707	2.7	1.946	1.718	1.558	1.24	0.947	0.875	0.761
2.888	2.707	2.7	1.947	1.718	1.579	1.15	0.979	0.89	0.761
2.641	2.384	1.591	1.824	1.404	1.07	0.847	0.761	0.554	0.4
3.085	2.978	2.901	1.866	1.839	1.665	1.403	1.22	1.053	1.019
2.829	2.637	2.514	1.872	1.605	1.464	1.302	1.197	0.929	0.692
2.879	2.784	2.769	1.881	1.803	1.585	1.319	1.175	0.868	0.799
3.02	2.881	2.859	2.013	1.797	1.709	1.196	1.165	0.973	0.853
1.947	1.744	1.463	1.86	1.301	0.986	0.761	0.612	0.154	0
2.874	2.7	2.684	1.872	1.5	1.442	1.075	1.036	0.839	0.761
2.896	2.636	2.542	1.88	1.621	1.397	1.335	1.236	0.899	0.856
2.951	2.935	2.764	1.894	1.751	1.436	1.209	1.18	0.978	0.941
3.221	3.11	3.05	1.945	1.689	1.654	1.548	1.373	1.173	1.099
3.029	2.978	2.924	1.969	1.834	1.783	1.394	1.101	1.031	1.019
3.066	2.918	2.62	1.911	1.588	1.472	1.386	1.197	1.025	0.981
3.004	2.978	2.855	1.839	1.759	1.655	1.417	1.23	1.019	0.963
2.795	2.592	2.203	1.807	1.478	1.246	1.151	0.737	0.726	0.642
3.013	2.884	2.884	1.791	1.721	1.493	1.436	1.288	1.182	1.134
3.085	2.88	2.769	1.949	1.783	1.669	1.354	1.351	1.073	0.899
2.906	2.7	2.7	1.669	1.481	1.469	1.418	1.086	0.821	0.761
3.004	2.778	2.7	1.893	1.857	1.617	1.279	1.271	0.996	0.804
2.99	2.981	2.738	1.893	1.709	1.493	1.484	1.121	0.997	0.705
3.142	2.981	2.769	1.93	1.774	1.764	1.493	1.452	1.313	1.179
2.768	2.392	2.226	1.971	1.671	1.418	0.915	0.912	0.77	0.418
2.919	2.769	2.661	1.943	1.832	1.537	1.32	0.95	0.843	0.799
3.346	3.194	3.122	1.885	1.825	1.719	1.459	1.336	1.302	1.117
2.96	2.805	2.767	1.942	1.715	1.465	1.391	1.177	0.9	0.792
3.091	2.978	2.86	1.892	1.872	1.664	1.329	1.304	1.124	1.019
2.868	2.757	2.7	1.931	1.606	1.463	1.35	1.077	1.025	0.818
2.252	2.143	1.617	1.893	1.599	1.098	0.878	0.604	0.294	0
3.387	3.336	3.288	2.006	1.743	1.711	1.628	1.523	1.471	1.436
3.134	3.055	2.916	2.008	1.724	1.602	1.496	1.215	1.09	1.054
2.909	2.835	2.599	2.002	1.72	1.426	1.205	1.048	0.952	0.741
3.041	2.97	2.855	2.002	1.797	1.71	1.402	1.21	1.033	0.974
2.99	2.817	2.769	1.904	1.802	1.628	1.173	1.067	0.946	0.799
2.894	2.741	2.7	1.932	1.866	1.554	1.277	1.255	0.931	0.762
3.198	3.196	3.144	2.03	1.832	1.702	1.541	1.252	1.186	1.104
2.962	2.769	2.729	1.885	1.584	1.395	1.255	1.025	0.838	0.799
3.174	2.978	2.89	1.941	1.831	1.662	1.357	1.248	1.138	1.019
2.7	2.7	2.681	1.877	1.472	1.387	0.851	0.761	0.761	0.761
2.968	2.729	2.7	1.615	1.565	1.496	1.287	1.176	1.078	0.761
3.145	3.068	2.978	1.901	1.837	1.713	1.541	1.266	1.075	1.019

2.995	2.852	2.657	1.893	1.699	1.16	1.101	1.015	0.931	0.777
2.769	2.769	2.759	1.882	1.818	1.484	1.14	0.966	0.799	0.799
2.874	2.712	2.7	1.945	1.714	1.558	1.239	0.94	0.872	0.761
3.182	3.128	3.128	1.917	1.866	1.635	1.508	1.286	1.129	1.057
3.511	3.386	3.351	1.866	1.865	1.682	1.607	1.515	1.424	1.321
2.705	2.219	1.93	1.832	1.533	1.226	0.878	0.799	0.707	0.294
3.301	3.099	3.003	1.905	1.867	1.817	1.733	1.423	1.283	1.042
2.769	2.702	2.7	1.861	1.595	1.394	1.287	0.841	0.799	0.761
2.655	2.157	1.746	1.685	1.403	1.126	0.967	0.709	0.535	0.306
3.048	2.978	2.769	1.932	1.761	1.663	1.383	1.189	1.029	1.019
3.124	2.935	2.634	1.998	1.665	1.506	1.361	1.195	1.141	0.914
2.946	2.856	2.769	1.932	1.796	1.571	1.311	1.12	1.028	0.802
3.457	3.365	3.337	1.817	1.747	1.735	1.685	1.63	1.43	1.326
3.196	3.185	3.143	2.03	1.832	1.702	1.541	1.251	1.185	1.104
2.886	2.778	2.635	1.891	1.857	1.519	1.271	1.156	0.902	0.804
3.16	2.998	2.975	1.98	1.737	1.622	1.323	1.27	1.161	1.007
2.769	2.769	2.7	1.916	1.764	1.506	1.163	0.971	0.799	0.799
3.251	3.251	3.207	1.95	1.709	1.648	1.559	1.466	1.202	1.202
3.214	2.978	2.931	1.837	1.825	1.723	1.491	1.22	1.108	1.019
2.112	1.772	1.031	1.673	1.264	1.088	0.715	0.225	0.014	0
2.909	2.734	2.689	1.872	1.605	1.381	1.231	1.2	0.858	0.708
2.989	2.891	2.791	1.998	1.714	1.421	1.215	1.108	0.978	0.931
3.06	2.823	2.769	1.916	1.84	1.62	1.247	1.058	0.961	0.815
3.613	3.55	3.379	1.889	1.852	1.834	1.598	1.557	1.464	1.422
3.303	3.141	2.978	1.861	1.853	1.625	1.517	1.429	1.244	1.232
2.537	2.112	1.953	1.876	1.559	0.945	0.763	0.711	0.4	0
3.246	3.035	3.032	1.913	1.857	1.609	1.432	1.229	1.136	0.91
2.769	2.75	2.63	1.891	1.687	1.317	1.033	0.933	0.799	0.733
3.248	3.133	3.128	2.005	1.747	1.524	1.488	1.274	1.211	1.095
2.987	2.931	2.782	1.998	1.713	1.523	1.304	1.205	1.008	0.876
3.362	3.214	3.105	1.951	1.855	1.732	1.487	1.345	1.127	1.098
3.105	2.969	2.757	1.955	1.724	1.362	1.117	1.092	1.069	0.969
3.153	2.99	2.867	1.951	1.732	1.395	1.288	1.121	1.084	0.962
2.868	2.778	2.635	1.939	1.857	1.521	1.271	1.201	0.907	0.804
3.368	3.238	3.204	1.931	1.886	1.848	1.668	1.3	1.272	1.169
3.33	3.099	2.98	1.939	1.737	1.642	1.579	1.397	1.26	1.031
2.948	2.879	2.769	1.871	1.714	1.387	1.306	1.11	0.799	0.748
2.769	2.42	2.332	1.868	1.588	1.315	0.991	0.878	0.799	0.462
2.791	2.725	2.639	1.986	1.777	1.449	1.207	0.936	0.782	0.737
3.033	2.796	2.769	1.914	1.845	1.753	1.345	1.069	0.906	0.799
2.611	2.567	1.96	2.034	1.668	1.216	1.041	0.838	0.613	0.535
3.008	2.897	2.768	1.979	1.705	1.5	1.305	1.247	1.022	0.955
2.984	2.978	2.884	1.854	1.834	1.651	1.462	1.159	1.019	0.934
2.978	2.77	2.769	1.911	1.729	1.461	1.179	1.019	1.016	0.799
3.573	3.445	3.399	1.963	1.9	1.884	1.784	1.639	1.588	1.415
3.561	3.465	3.366	1.972	1.91	1.881	1.77	1.597	1.589	1.353
2.383	2.383	1.618	1.975	1.204	1.15	1.15	0.443	0.443	0.388
2.741	2.601	2.455	1.876	1.866	1.255	1.194	0.783	0.746	0.711
3.171	3.118	3.07	1.914	1.719	1.565	1.355	1.276	1.095	1.019
3.446	3.363	3.337	1.815	1.747	1.735	1.683	1.629	1.424	1.326

3.27	3.201	3.196	1.989	1.79	1.719	1.476	1.351	1.24	1.101
2.978	2.894	2.769	1.897	1.851	1.655	1.454	1.073	1.019	0.841
3.323	3.17	3.004	1.908	1.894	1.858	1.622	1.36	1.312	1.231
3.586	3.41	3.289	1.877	1.848	1.823	1.719	1.623	1.572	1.461
2.409	1.903	1.879	1.63	1.32	0.893	0.486	0.233	0.127	0
3.016	2.949	2.828	1.997	1.711	1.462	1.228	1.185	1.019	1
3.442	3.215	3.126	1.884	1.874	1.825	1.64	1.591	1.419	1.177
3.577	3.535	3.451	1.985	1.882	1.839	1.831	1.815	1.476	1.448
2.948	2.772	2.7	1.939	1.618	1.554	1.353	1.09	0.915	0.784
3.403	3.191	2.986	1.955	1.919	1.764	1.712	1.577	1.418	1.152
3.027	2.818	2.769	1.905	1.871	1.548	1.328	1.154	1.027	0.799
3.457	3.21	3.027	1.91	1.866	1.652	1.533	1.458	1.33	1.19
3.054	3.041	2.978	1.786	1.757	1.62	1.474	1.452	1.181	1.019
2.769	2.71	2.7	1.913	1.726	1.512	1.201	0.82	0.799	0.761
2.905	2.615	2.172	1.604	1.503	1.301	1.224	1.033	0.845	0.593
3.65	3.407	3.329	1.977	1.757	1.738	1.692	1.636	1.6	1.346
3.198	3.032	2.854	1.877	1.836	1.549	1.438	1.235	1.14	1.011
3.061	2.992	2.842	1.951	1.883	1.627	1.489	1.438	1.328	1.089
2.937	2.659	2.39	1.891	1.584	1.214	1.195	1.18	0.965	0.639
3.313	3.067	2.978	1.962	1.894	1.764	1.642	1.471	1.293	1.022
2.705	2.219	1.93	1.832	1.533	1.226	0.878	0.799	0.707	0.294
3.103	2.994	2.978	1.981	1.684	1.447	1.334	1.245	1.065	1.019
2.783	2.7	2.605	2.027	1.598	1.427	1.358	1.005	0.765	0.761
3.628	3.49	3.424	1.879	1.858	1.686	1.606	1.594	1.529	1.476
3.575	3.461	3.417	1.999	1.886	1.861	1.644	1.632	1.537	1.426
3.573	3.445	3.398	1.963	1.9	1.884	1.784	1.64	1.59	1.415
2.769	2.741	2.626	1.933	1.764	1.266	1.181	0.799	0.799	0.652
3.038	2.93	2.872	2.019	1.87	1.467	1.341	1.147	1.013	0.922
3.058	3.008	2.896	2.04	1.881	1.48	1.323	1.083	1.035	0.991
2.872	2.707	2.7	1.946	1.718	1.618	1.28	0.948	0.875	0.761
3.023	2.846	2.716	1.868	1.839	1.472	1.239	1.073	1.002	0.893
2.892	2.802	2.659	1.991	1.721	1.502	1.293	1.186	0.892	0.765
2.91	2.778	2.7	1.891	1.857	1.616	1.279	1.271	0.919	0.804
3.13	2.994	2.922	1.98	1.728	1.568	1.318	1.263	1.156	1.007
3.362	3.207	3.096	1.951	1.859	1.732	1.491	1.343	1.125	1.09
2.93	2.721	2.661	1.975	1.768	1.485	1.235	0.936	0.917	0.718
3.073	2.942	2.819	1.871	1.862	1.486	1.201	1.095	1.047	0.959
3.327	3.104	2.978	1.964	1.9	1.764	1.682	1.471	1.301	1.061
3.047	2.893	2.82	1.935	1.71	1.47	1.306	1.165	0.935	0.783
3.124	2.972	2.885	1.98	1.728	1.568	1.317	1.262	1.152	1.002
2.834	2.779	2.769	1.931	1.793	1.429	1.144	1.072	0.804	0.799
3.147	2.985	2.769	1.985	1.811	1.769	1.581	1.437	1.113	1.008
3.191	3.128	3.128	1.918	1.869	1.656	1.552	1.289	1.141	1.062
2.875	2.712	2.7	1.945	1.714	1.618	1.279	0.942	0.872	0.761
2.978	2.94	2.735	1.874	1.842	1.693	1.213	1.019	0.968	0.947
2.545	1.757	1.659	1.823	1.352	1.265	0.764	0.713	0.091	0
3.305	3.123	3.003	1.906	1.874	1.818	1.762	1.441	1.29	1.06
3.124	2.936	2.677	1.998	1.706	1.535	1.362	1.195	1.142	0.915
3.008	2.897	2.768	1.979	1.705	1.5	1.305	1.247	1.022	0.955
3.208	3.037	2.855	1.877	1.837	1.6	1.466	1.24	1.153	1.012

2.894	2.778	2.635	1.891	1.857	1.565	1.271	1.213	0.907	0.804
3.13	2.99	2.915	1.98	1.728	1.568	1.318	1.263	1.156	1.007
3.574	3.454	3.421	1.963	1.902	1.887	1.81	1.644	1.59	1.426
2.872	2.711	2.595	1.848	1.757	1.39	1.149	1.081	0.851	0.704
3.41	3.222	2.99	1.958	1.919	1.764	1.751	1.577	1.423	1.186
2.971	2.729	2.7	1.623	1.615	1.501	1.3	1.203	1.078	0.761
3.113	2.98	2.911	1.985	1.732	1.569	1.314	1.25	1.148	0.995
3.198	3.196	3.144	2.03	1.832	1.702	1.541	1.252	1.186	1.104
2.978	2.842	2.753	1.898	1.674	1.434	1.297	1.019	0.905	0.712
3.459	3.417	3.344	1.817	1.758	1.746	1.689	1.629	1.425	1.37
3.65	3.407	3.329	1.977	1.757	1.738	1.692	1.636	1.6	1.346
2.769	2.756	2.7	1.861	1.646	1.395	1.288	0.883	0.799	0.761
2.891	2.619	2.232	1.597	1.504	1.329	1.218	1.006	0.848	0.59
3.672	3.649	3.621	1.773	1.751	1.74	1.703	1.684	1.633	1.627
3.269	3.234	3.151	1.99	1.79	1.719	1.476	1.351	1.237	1.112
2.978	2.861	2.782	1.938	1.675	1.455	1.302	1.019	0.92	0.79
2.978	2.954	2.875	1.957	1.708	1.455	1.44	1.075	1.019	0.881
3.577	3.535	3.451	1.985	1.882	1.839	1.831	1.815	1.476	1.448
3.228	3.05	2.992	1.912	1.858	1.602	1.434	1.216	1.121	0.923
2.93	2.804	2.633	1.974	1.546	1.454	1.27	1.106	0.917	0.747
3.303	3.141	2.978	1.861	1.853	1.625	1.517	1.429	1.244	1.232
2.978	2.921	2.879	1.959	1.709	1.47	1.421	1.075	1.019	0.853

BELe8	BEHp1	BEHp2	BEHp3	BEHp4	BEHp5	BEHp6	BEHp7	BEHp8	BELp1
0.799	3.926	3.727	3.541	3.231	3.171	2.94	2.75	2.66	2.018
0.761	3.842	3.457	3.414	3.223	3.146	2.889	2.655	2.543	1.977
0.655	3.959	3.743	3.518	3.126	2.813	2.69	2.66	2.542	1.998
0.676	3.828	3.456	3.302	3.221	2.728	2.69	2.455	2.447	1.955
0.891	4.041	3.659	3.581	3.114	3.056	2.883	2.8	2.725	2.001
0.761	3.991	3.705	3.436	3.152	3.132	2.757	2.687	2.549	1.986
0.505	4.031	3.676	3.31	3.078	2.807	2.724	2.534	2.362	2.11
1.021	3.885	3.82	3.511	3.332	3.189	3.015	2.889	2.743	2.009
0.747	3.852	3.766	3.335	2.948	2.917	2.66	2.658	2.59	1.979
0.812	3.944	3.755	3.593	3.287	2.894	2.817	2.694	2.66	1.99
0.235	3.905	3.67	3.283	2.947	2.777	2.581	2.463	2.214	1.978
1.074	4.082	3.652	3.461	3.335	3.273	3.263	3.139	2.998	2.077
0.698	3.932	3.633	3.491	3.34	2.817	2.779	2.71	2.39	2.044
0.799	3.913	3.712	3.645	3.222	3.034	2.759	2.66	2.66	2.003
0.761	3.941	3.714	3.409	3.157	3.055	2.758	2.715	2.552	1.981
0.54	3.932	3.739	3.297	2.949	2.893	2.718	2.56	2.347	2.035
0	3.814	3.456	2.803	2.764	2.4	2.074	1.579	1.484	1.9
0.749	3.923	3.707	3.513	3.061	2.865	2.817	2.722	2.636	1.981
1.324	3.868	3.81	3.806	3.572	3.502	3.409	3.349	3.222	1.972
1.046	3.965	3.875	3.702	3.577	3.285	3.133	2.929	2.66	2.023
0.659	3.987	3.676	3.565	3.125	3.001	2.817	2.658	2.581	2.007
0.612	3.925	3.723	3.296	3.014	2.771	2.66	2.596	2.508	1.987
1.019	3.943	3.81	3.625	3.324	3.014	2.863	2.817	2.79	1.979
0.761	3.962	3.7	3.427	3.138	2.965	2.755	2.646	2.535	1.985
0.629	4.012	3.88	3.35	3.296	2.948	2.826	2.523	2.452	2.082
0.568	3.862	3.516	3.332	3.138	2.817	2.752	2.568	2.364	2.047
0.799	3.972	3.735	3.428	3.212	2.966	2.81	2.698	2.66	1.99
0.716	3.872	3.516	3.16	3.157	3.034	2.772	2.498	2.456	1.99
0.72	3.989	3.579	3.302	3.012	2.874	2.839	2.643	2.568	1.968
0.799	3.906	3.712	3.529	3.243	3.063	2.912	2.817	2.66	2.021
0.761	3.937	3.705	3.409	3.143	3.053	2.757	2.687	2.549	1.985
0.008	3.883	3.564	3.034	2.822	2.73	2.698	2.422	1.631	1.998
0.741	3.861	3.809	3.444	3.195	2.961	2.879	2.66	2.575	1.979
1.219	3.871	3.82	3.798	3.633	3.503	3.37	3.268	3.088	1.983
0.27	3.926	3.73	3.284	2.951	2.729	2.716	2.557	2.299	1.977
1.058	3.906	3.551	3.508	3.428	3.246	3.041	2.921	2.86	2.033
0.736	4.072	3.662	3.416	3.243	3.021	2.762	2.633	2.605	2.133
0.027	3.631	3.14	2.99	2.895	2.416	2.359	2.307	1.639	1.88
0.956	3.999	3.766	3.359	3.275	3.083	2.999	2.815	2.728	2.072
0.606	3.839	3.452	3.153	2.977	2.926	2.838	2.583	2.368	1.956
0.761	3.82	3.458	3.248	3.157	2.772	2.66	2.547	2.447	1.953
0.335	3.84	3.349	3.025	2.824	2.504	2.196	2.116	2.031	1.962
0.635	3.941	3.654	3.448	2.979	2.894	2.825	2.536	2.488	1.996
0.857	4.044	3.716	3.591	3.363	3.128	2.881	2.845	2.627	2.088
0.95	3.929	3.667	3.357	3.262	3.157	2.977	2.829	2.733	2.056
0.541	3.927	3.729	3.296	2.948	2.893	2.66	2.552	2.342	2.037
0.234	3.92	3.72	3.271	2.948	2.716	2.66	2.548	2.27	1.983
0.789	3.984	3.733	3.519	3.051	2.822	2.817	2.714	2.622	1.963
0.332	3.933	3.706	3.148	3.063	2.688	2.628	2.549	2.304	1.979

0.678	3.783	3.456	3.332	3.222	2.732	2.691	2.456	2.447	1.941
0.911	3.868	3.626	3.53	3.279	3.166	2.977	2.817	2.724	1.997
0.746	4.034	3.577	3.324	3.128	2.935	2.785	2.698	2.602	2.086
1.329	3.866	3.811	3.805	3.581	3.501	3.409	3.349	3.222	1.968
1.008	3.966	3.774	3.582	3.429	3.128	2.951	2.858	2.817	2.015
0.689	3.793	3.457	3.237	3.169	2.721	2.66	2.456	2.447	1.95
1.013	3.896	3.545	3.507	3.39	3.244	3.032	2.861	2.826	2.03
0.924	3.991	3.759	3.352	3.195	3.078	2.975	2.805	2.728	2.065
0.918	3.989	3.759	3.35	3.19	3.077	2.974	2.805	2.718	2.061
0.736	3.962	3.662	3.408	3.055	2.964	2.752	2.605	2.447	2.014
0.736	3.963	3.662	3.439	2.991	2.929	2.771	2.605	2.447	2.018
0	3.749	3.234	2.874	2.712	2.447	2.392	2.14	1.099	1.998
0.912	3.96	3.696	3.542	3.247	3.07	2.97	2.891	2.817	1.982
0.648	3.978	3.46	3.346	3.154	2.95	2.591	2.45	2.336	1.926
0.78	3.848	3.749	3.45	3.133	3.038	2.697	2.66	2.649	1.991
0.834	4.008	3.747	3.646	3.111	3.028	2.872	2.678	2.662	2.081
0	4.018	3.284	2.818	2.636	2.364	1.802	1.487	0.949	1.933
0.699	3.831	3.343	3.289	2.871	2.825	2.671	2.52	2.447	1.97
0.602	3.906	3.49	3.218	3.207	3.082	2.7	2.444	2.332	1.955
0.749	3.857	3.642	3.269	3.076	3.025	2.813	2.722	2.497	1.992
1.085	3.907	3.593	3.551	3.433	3.246	3.042	2.921	2.879	2.034
0.895	3.943	3.733	3.723	3.27	2.969	2.897	2.817	2.708	2.055
0.713	3.992	3.653	3.512	3.098	3.04	2.784	2.769	2.433	1.983
0.799	3.797	3.65	3.533	3.275	3.082	2.817	2.806	2.66	1.961
0.196	3.754	3.364	3.177	2.939	2.694	2.591	2.345	1.919	1.951
0.924	4.025	3.807	3.649	3.336	3.006	2.859	2.786	2.786	1.941
0.799	3.925	3.726	3.541	3.229	3.171	2.92	2.75	2.66	2.017
0.761	3.754	3.639	3.391	3.172	2.912	2.637	2.447	2.447	1.881
0.761	3.939	3.705	3.493	3.143	3.081	2.836	2.687	2.549	1.99
0.642	4.009	3.765	3.286	3.059	2.849	2.806	2.758	2.524	1.967
0.799	3.923	3.852	3.702	3.414	3.193	2.999	2.849	2.66	2.012
0.147	4.022	3.585	3.074	2.932	2.663	2.589	2.288	1.925	2.071
0.627	3.925	3.779	3.454	3.223	2.82	2.732	2.66	2.5	2.027
1.046	3.851	3.74	3.601	3.319	3.208	3.149	2.96	2.876	2.004
0.776	3.963	3.733	3.334	3.215	2.98	2.733	2.642	2.619	2.074
0.911	4.032	3.907	3.525	3.298	3.168	2.976	2.817	2.797	1.982
0.761	4.031	3.534	3.357	3.166	2.878	2.655	2.57	2.447	1.997
0	3.988	3.734	3.07	2.723	2.264	1.808	1.685	1.271	1.957
1.187	4.099	3.799	3.642	3.511	3.474	3.325	3.15	3.113	2.072
0.965	4.098	3.655	3.448	3.305	3.121	2.934	2.816	2.701	2.074
0.589	4.037	3.586	3.328	3.132	2.889	2.698	2.654	2.366	2.081
0.744	4.037	3.7	3.564	3.305	3.127	2.871	2.749	2.665	2.094
0.791	3.871	3.792	3.525	3.042	2.908	2.799	2.67	2.66	2.001
0.761	4.003	3.697	3.439	3.172	3.136	2.757	2.649	2.529	1.979
1.062	4.033	3.785	3.604	3.477	3.145	3.03	3.006	2.905	2.104
0.638	3.853	3.466	3.223	3.126	2.85	2.66	2.652	2.381	1.968
0.816	3.989	3.676	3.587	3.207	3.125	3.026	2.817	2.697	2.012
0.685	3.824	3.302	3.218	2.718	2.542	2.447	2.447	2.447	2.019
0.734	3.77	3.502	3.328	3.168	2.842	2.812	2.495	2.447	1.913
1.003	3.966	3.771	3.581	3.424	3.128	2.949	2.842	2.817	2.012

0.644	3.863	3.624	3.024	2.909	2.767	2.72	2.549	2.469	2.009
0.78	3.85	3.767	3.338	2.986	2.858	2.66	2.66	2.593	1.978
0.732	3.966	3.673	3.409	3.061	2.985	2.752	2.617	2.473	2.01
1.052	3.897	3.822	3.54	3.362	3.128	2.975	2.855	2.841	2.001
1.211	3.842	3.806	3.585	3.494	3.397	3.307	3.157	3.093	1.96
0	3.809	3.555	2.807	2.728	2.66	2.547	1.905	1.495	1.931
1.019	3.982	3.822	3.77	3.602	3.241	3.144	2.87	2.817	2.012
0.669	3.821	3.458	3.25	3.158	2.662	2.66	2.447	2.444	1.953
0	3.774	3.179	2.897	2.615	2.465	2.331	1.942	1.326	1.923
0.799	3.906	3.712	3.529	3.246	3.066	2.913	2.817	2.66	2.021
0.667	3.975	3.543	3.371	3.269	2.977	2.946	2.806	2.557	2.082
0.799	3.972	3.735	3.428	3.212	2.966	2.81	2.698	2.66	1.99
1.307	3.795	3.653	3.628	3.589	3.527	3.3	3.174	3.114	1.989
1.062	4.033	3.785	3.604	3.474	3.137	3.027	3.006	2.905	2.104
0.713	3.936	3.705	3.371	3.142	2.959	2.72	2.687	2.549	1.985
0.966	3.997	3.774	3.372	3.207	3.101	3.014	2.842	2.781	2.066
0.761	3.885	3.702	3.34	3.031	2.777	2.66	2.66	2.536	1.991
1.116	3.904	3.575	3.52	3.412	3.338	3.011	3.011	2.984	2.135
0.92	3.876	3.833	3.598	3.327	3.101	3.001	2.817	2.734	1.964
0	3.702	3.037	2.699	2.47	2.054	1.751	1.148	0.618	1.805
0.628	3.923	3.599	3.192	3.141	2.781	2.733	2.532	2.469	1.973
0.746	4.032	3.573	3.324	3.126	2.935	2.773	2.697	2.597	2.08
0.799	4.059	3.793	3.391	3.135	2.896	2.816	2.685	2.66	2.01
1.176	3.887	3.833	3.782	3.548	3.519	3.42	3.372	3.179	2.019
1.049	3.875	3.804	3.634	3.499	3.4	3.084	2.997	2.817	1.994
0	3.865	3.468	2.828	2.755	2.535	2.158	1.662	1.606	1.991
0.9	3.87	3.798	3.504	3.317	3.11	2.995	2.763	2.733	2.095
0.56	3.849	3.571	3.201	2.822	2.717	2.66	2.548	2.387	1.986
1.01	4.001	3.697	3.355	3.34	3.109	3.06	2.982	2.93	2.082
0.649	4.034	3.58	3.413	3.205	3.124	2.824	2.714	2.565	2.088
1.077	3.931	3.803	3.666	3.343	3.249	2.978	2.935	2.877	2.056
0.712	3.932	3.658	3.277	2.948	2.923	2.848	2.807	2.533	2.064
0.794	3.928	3.666	3.292	3.122	2.977	2.884	2.796	2.632	2.055
0.713	3.991	3.705	3.411	3.143	3.051	2.703	2.687	2.549	1.985
1.12	4.063	3.839	3.778	3.474	3.178	3.149	3.016	2.985	2.056
0.911	3.937	3.796	3.652	3.509	3.277	3.15	2.872	2.754	2.045
0.685	3.862	3.808	3.31	3.118	2.819	2.811	2.66	2.538	1.958
0.383	3.82	3.474	3.209	2.8	2.667	2.66	2.184	2.115	1.95
0.655	3.966	3.75	3.329	3.075	2.762	2.711	2.63	2.549	2.049
0.776	4	3.815	3.682	3.451	2.987	2.79	2.671	2.66	2
0	4.007	3.579	3.1	2.899	2.673	2.491	2.258	1.626	2.117
0.75	3.972	3.718	3.277	3.182	2.984	2.852	2.72	2.539	2.061
0.854	3.831	3.795	3.516	3.281	2.999	2.817	2.768	2.739	2.034
0.784	3.874	3.634	3.299	3.016	2.817	2.801	2.66	2.575	2.007
1.332	4.112	3.997	3.775	3.696	3.478	3.382	3.322	3.242	2.045
1.326	4.1	4.007	3.797	3.683	3.456	3.386	3.336	3.171	2.055
0	3.907	3.056	2.997	2.997	2.136	2.136	1.977	1.23	2.08
0.303	3.947	3.697	3.168	3.063	2.649	2.628	2.529	2.28	1.971
0.99	3.973	3.657	3.388	3.141	3.04	3.006	2.849	2.773	1.994
1.307	3.792	3.653	3.627	3.587	3.525	3.294	3.174	3.114	1.987

1.092	4.003	3.758	3.635	3.53	3.209	3.044	3.002	2.91	2.062
0.799	3.871	3.809	3.548	3.338	2.968	2.817	2.747	2.66	1.998
1.071	4.043	3.908	3.752	3.515	3.273	3.131	2.996	2.817	2.021
1.243	3.929	3.825	3.753	3.616	3.502	3.436	3.262	3.102	1.997
0	3.536	3.168	2.681	2.203	1.888	1.748	1.258	1.244	1.849
0.833	4.037	3.716	3.561	3.292	3.126	2.85	2.724	2.625	2.086
1.095	3.874	3.811	3.785	3.52	3.483	3.295	3.042	2.991	2.021
1.36	3.981	3.839	3.788	3.776	3.745	3.384	3.348	3.252	2.103
0.761	4.052	3.795	3.377	3.164	2.859	2.708	2.638	2.447	1.999
1.019	3.942	3.875	3.702	3.595	3.466	3.288	3.033	2.818	2.035
0.781	4.004	3.768	3.415	3.221	2.904	2.877	2.66	2.614	2.039
1.041	4.006	3.818	3.576	3.522	3.388	3.362	2.921	2.842	1.988
0.964	3.812	3.66	3.506	3.382	3.209	2.84	2.827	2.817	1.984
0.708	3.884	3.664	3.363	3.063	2.662	2.66	2.599	2.447	1.995
0.362	3.74	3.428	3.189	2.842	2.771	2.7	2.384	1.95	1.8
1.308	3.997	3.764	3.671	3.585	3.529	3.504	3.258	3.186	2.073
0.849	3.925	3.764	3.407	3.319	3.109	2.998	2.809	2.76	1.948
0.819	4.07	3.981	3.627	3.53	3.297	2.93	2.76	2.686	2.005
0.371	3.852	3.441	3.064	3.025	2.977	2.795	2.367	2.116	1.976
1.019	3.949	3.854	3.702	3.537	3.359	3.121	2.911	2.817	2.035
0	3.809	3.555	2.807	2.728	2.66	2.547	1.905	1.495	1.931
0.951	3.951	3.714	3.495	3.227	2.907	2.832	2.817	2.718	2.108
0.626	4.004	3.463	3.33	3.216	2.909	2.536	2.515	2.447	2.081
1.355	3.881	3.832	3.798	3.788	3.581	3.482	3.302	3.234	1.975
1.391	3.972	3.84	3.781	3.543	3.509	3.421	3.338	3.264	2.081
1.333	4.112	3.997	3.775	3.695	3.478	3.382	3.322	3.242	2.045
0.595	3.925	3.702	3.353	2.773	2.66	2.66	2.536	2.38	1.999
0.882	3.997	3.783	3.386	3.218	3.004	2.82	2.73	2.704	2.107
0.906	4.018	3.79	3.407	3.19	2.936	2.857	2.784	2.693	2.14
0.736	3.963	3.662	3.454	3.093	2.967	2.756	2.605	2.447	2.017
0.657	3.985	3.79	3.472	3.115	2.978	2.867	2.717	2.491	1.962
0.634	3.986	3.745	3.294	3.153	2.897	2.718	2.619	2.444	2.062
0.761	3.937	3.705	3.454	3.143	3.093	2.761	2.687	2.549	1.99
0.946	3.985	3.747	3.348	3.191	3.083	2.985	2.82	2.731	2.066
1.068	3.93	3.804	3.666	3.334	3.241	2.978	2.925	2.876	2.056
0.622	4.065	3.697	3.467	3.304	2.822	2.717	2.585	2.486	2.041
0.815	3.99	3.815	3.495	3.087	2.954	2.799	2.746	2.641	1.976
1.019	3.951	3.856	3.702	3.568	3.359	3.132	2.939	2.817	2.055
0.68	3.914	3.577	3.398	3.143	2.981	2.8	2.672	2.49	2.06
0.944	3.981	3.743	3.337	3.184	3.067	2.983	2.814	2.718	2.062
0.73	3.978	3.775	3.293	3.024	2.825	2.668	2.66	2.548	2.007
0.799	3.977	3.754	3.71	3.407	3.326	2.948	2.826	2.66	2.033
1.052	3.899	3.824	3.549	3.408	3.129	2.984	2.864	2.841	2.009
0.732	3.967	3.673	3.455	3.097	2.991	2.756	2.617	2.473	2.013
0.749	3.923	3.707	3.553	3.083	2.871	2.817	2.743	2.636	2.01
0	3.818	3.43	2.819	2.764	2.406	2.155	1.484	1.417	1.899
1.019	3.983	3.825	3.77	3.629	3.252	3.15	2.881	2.821	2.027
0.705	3.975	3.572	3.395	3.277	2.977	2.947	2.806	2.557	2.082
0.75	3.972	3.718	3.277	3.182	2.984	2.852	2.72	2.539	2.061
0.849	3.926	3.764	3.434	3.354	3.109	3.021	2.81	2.763	1.956



0.713	3.937	3.705	3.402	3.142	3.008	2.734	2.687	2.549	1.987
0.946	3.983	3.743	3.343	3.191	3.082	2.985	2.819	2.73	2.065
1.333	4.113	3.997	3.777	3.713	3.48	3.382	3.326	3.253	2.05
0.598	4.107	3.698	3.464	3.293	2.787	2.652	2.532	2.344	1.961
1.019	3.944	3.875	3.702	3.625	3.466	3.294	3.056	2.824	2.053
0.734	3.775	3.503	3.351	3.224	2.844	2.815	2.495	2.447	1.913
0.924	3.991	3.759	3.352	3.195	3.078	2.975	2.805	2.728	2.065
1.062	4.033	3.785	3.604	3.477	3.145	3.03	3.006	2.905	2.104
0.605	3.862	3.535	3.346	3.136	2.817	2.766	2.566	2.413	2.053
1.323	3.794	3.654	3.64	3.594	3.525	3.294	3.179	3.162	2.001
1.308	3.997	3.764	3.671	3.585	3.529	3.504	3.258	3.186	2.073
0.699	3.821	3.498	3.252	3.158	2.678	2.66	2.488	2.447	1.957
0.364	3.738	3.42	3.22	2.81	2.794	2.67	2.369	2.004	1.798
1.608	3.786	3.648	3.635	3.585	3.573	3.518	3.499	3.486	1.966
1.092	4.004	3.757	3.635	3.529	3.209	3.034	3.002	2.92	2.063
0.632	3.912	3.54	3.369	3.14	2.817	2.79	2.667	2.435	2.055
0.758	3.935	3.567	3.386	3.316	2.887	2.817	2.717	2.637	2.088
1.36	3.981	3.839	3.788	3.776	3.745	3.384	3.348	3.252	2.103
0.877	3.869	3.798	3.497	3.321	3.1	2.981	2.781	2.704	2.095
0.544	4.065	3.64	3.466	3.295	2.81	2.718	2.588	2.436	2.038
1.049	3.875	3.804	3.634	3.499	3.4	3.084	2.997	2.817	1.994
0.737	3.936	3.569	3.39	3.31	2.888	2.817	2.686	2.632	2.089

BELp2	BELp3	BELp4	BELp5	BELp6	BELp7	BELp8	GGI1	GGI2	GGI3
1.869	1.853	1.544	1.512	1.353	1.081	1.068	5	3.111	2
1.816	1.729	1.596	1.49	1.332	1.146	1.068	6	2.444	1.438
1.89	1.679	1.565	1.237	0.966	0.95	0.895	3.5	2.667	1.847
1.812	1.601	1.548	1.171	1.068	1.012	0.929	3.5	1.778	0.625
1.799	1.676	1.641	1.471	1.385	1.29	1.147	6.5	4.222	2.319
1.922	1.764	1.457	1.42	1.104	1.068	0.956	3	2.222	1.375
1.832	1.62	1.368	1.217	1.065	0.887	0.787	3.5	2.889	1.875
1.96	1.788	1.603	1.516	1.501	1.39	1.211	11.5	4.889	3.194
1.891	1.7	1.386	1.28	1.055	0.966	0.912	2.5	1.778	0.813
1.892	1.762	1.574	1.499	1.25	1.236	1.041	4.5	2.889	1.465
1.849	1.645	1.229	0.952	0.915	0.787	0.533	3.5	2	1.25
1.893	1.825	1.725	1.66	1.6	1.491	1.306	6	4	2.722
1.854	1.6	1.333	1.236	1.236	1.173	0.999	4.5	2.944	1.875
1.826	1.777	1.639	1.485	1.3	1.015	0.966	5	3.778	2.007
1.916	1.772	1.478	1.407	1.116	1.068	0.935	4	2.444	1.438
1.892	1.669	1.574	1.148	0.927	0.89	0.8	4.5	2.889	1.688
1.56	1.554	0.969	0.871	0.467	0.283	0.041	2.5	1.556	0.91
1.938	1.832	1.416	1.236	1.176	1.162	0.905	4.5	2.667	1.313
1.959	1.94	1.848	1.824	1.74	1.668	1.548	12	5.556	2.938
1.942	1.836	1.687	1.642	1.532	1.421	1.275	6	3.778	3.132
1.913	1.799	1.406	1.249	1.236	0.939	0.867	3	2.222	1.625
1.869	1.673	1.347	1.088	0.966	0.883	0.777	3.5	2.667	1.625
1.939	1.871	1.645	1.406	1.386	1.318	1.236	5.5	2.667	2.076
1.901	1.764	1.457	1.326	1.103	1.068	0.927	3	2.222	1.375
1.781	1.556	1.498	1.394	1.132	1.094	0.802	2.5	2	0.84
1.86	1.609	1.528	1.236	1.184	1.057	0.938	4.5	3.111	2
1.872	1.779	1.539	1.331	1.214	1.068	0.993	6	3.556	1.979
1.837	1.662	1.598	1.459	1.285	1.077	1.059	5.5	2.444	0.979
1.895	1.7	1.429	1.286	1.214	1.054	0.968	5.5	3.333	2.514
1.868	1.825	1.674	1.451	1.236	1.203	0.966	3.5	2.222	1.438
1.922	1.773	1.48	1.42	1.121	1.068	0.956	3	2.222	1.375
1.773	1.486	1.228	1.11	0.925	0.752	0.451	3.5	2.889	1.813
1.938	1.761	1.531	1.382	1.26	1.036	0.966	5	2.889	1.25
1.96	1.94	1.92	1.788	1.712	1.621	1.459	9	4.667	3.813
1.851	1.671	1.236	1.002	0.925	0.824	0.652	4.5	2.889	1.563
1.833	1.785	1.696	1.578	1.404	1.32	1.285	8	3.556	2.75
1.785	1.738	1.533	1.39	1.133	0.956	0.9	3	3.111	2
1.579	1.569	1.417	1.047	1.015	0.928	0.552	5	1.778	0.75
1.853	1.726	1.569	1.46	1.398	1.265	1.188	9	7.111	4.667
1.828	1.564	1.422	1.393	1.256	1.009	0.85	4.5	2.667	1.5
1.814	1.63	1.556	1.255	1.114	1.068	0.966	4	1.556	0.375
1.718	1.367	1.196	1.107	0.981	0.626	0.598	3	1.778	0.938
1.962	1.733	1.322	1.246	1.22	0.911	0.881	3	2.222	1.438
1.857	1.68	1.403	1.39	1.269	1.236	1.071	6.5	5.611	3.41
1.906	1.719	1.669	1.53	1.473	1.319	1.216	6.5	3.333	3.063
1.903	1.669	1.575	1.149	0.966	0.892	0.828	4	2.444	1.375
1.856	1.647	1.236	0.966	0.956	0.829	0.542	3.5	2	1.25
1.895	1.65	1.489	1.322	1.236	1.154	0.959	4.5	2.444	1.444
1.92	1.512	1.412	1.033	0.953	0.88	0.562	3	2.222	1.875

1.81	1.624	1.588	1.172	1.075	1.068	0.931	3.5	1.778	0.625
1.837	1.824	1.618	1.436	1.422	1.236	1.188	4.5	3.333	2.375
1.855	1.639	1.417	1.359	1.243	1.2	0.979	6	5.556	3.507
1.958	1.941	1.857	1.832	1.74	1.669	1.575	12	5.778	3.063
1.977	1.886	1.689	1.517	1.343	1.3	1.236	6	4.444	2.507
1.813	1.624	1.547	1.174	1.068	0.991	0.966	5	1.556	0.625
1.832	1.785	1.676	1.575	1.383	1.319	1.251	8	3.556	2.75
1.849	1.726	1.502	1.445	1.39	1.263	1.12	8.5	6.889	4.354
1.847	1.724	1.489	1.44	1.38	1.231	1.115	8.5	6.889	4.354
1.785	1.776	1.481	1.123	1.068	0.97	0.9	3	2	1.313
1.787	1.785	1.402	1.198	1.068	0.97	0.9	3.5	2.444	1.188
1.711	1.325	1.125	1.068	0.837	0.697	0.029	3.5	1.333	0.75
1.884	1.851	1.676	1.464	1.261	1.236	0.97	3.5	2.444	1.125
1.788	1.647	1.525	1.413	1.155	0.949	0.896	3	2.222	1.097
1.894	1.807	1.556	1.37	1.133	0.98	0.966	2.5	2	1
1.886	1.825	1.489	1.401	1.166	1.115	1.08	5	3.111	2.188
1.506	1.381	0.938	0.904	0.47	0.004	0	5.5	1.333	1.479
1.767	1.666	1.341	1.299	1.127	1.068	0.9	4.5	2.444	1.25
1.815	1.588	1.576	1.438	1.135	1.088	0.909	3.5	1.778	1.132
1.912	1.62	1.449	1.367	1.212	1.177	1.062	3.5	2.667	1.563
1.844	1.82	1.698	1.578	1.404	1.334	1.294	9.5	4.222	2.875
1.999	1.852	1.614	1.345	1.236	1.201	1.156	4	2.889	1.688
1.795	1.663	1.574	1.454	1.32	1.241	0.954	6	3.556	1.757
1.902	1.846	1.639	1.519	1.236	1.22	1.112	7	2	1.063
1.67	1.472	1.377	1.145	0.969	0.897	0.557	5	3.111	2.563
1.788	1.596	1.572	1.42	1.327	1.191	1.142	4.5	3.111	1.75
1.867	1.852	1.544	1.505	1.297	1.08	1.068	5	3.111	2
1.721	1.702	1.648	1.317	1.13	1.068	1.068	10.5	3.556	3.118
1.922	1.801	1.531	1.42	1.215	1.068	0.956	4	2.222	1.625
1.892	1.682	1.638	1.407	1.217	0.944	0.913	4	2.667	1.889
1.96	1.836	1.638	1.617	1.566	1.374	0.968	6.5	4.667	2.91
1.839	1.551	1.184	1.081	0.991	0.604	0.498	2.5	1.778	1.042
1.906	1.677	1.507	1.171	1.093	0.966	0.851	4	2.444	2
1.958	1.884	1.724	1.599	1.542	1.394	1.325	6	4.222	2.188
1.879	1.647	1.573	1.418	1.167	0.981	0.946	4	3.111	2.007
1.926	1.838	1.57	1.499	1.269	1.236	1.011	5.5	3.333	1.986
1.8	1.666	1.583	1.48	1.259	1.068	1.016	5	2	1.424
1.751	1.416	1.088	0.858	0.727	0.476	0.031	4	1.556	1.167
1.938	1.875	1.805	1.698	1.625	1.614	1.453	11.5	7.556	6.146
1.889	1.802	1.667	1.448	1.334	1.305	1.163	5.5	3.333	2.542
1.849	1.639	1.366	1.275	1.193	0.926	0.898	5	4.222	2.667
1.919	1.851	1.608	1.385	1.263	1.225	0.983	6.5	5.444	3.694
1.901	1.779	1.437	1.401	1.195	1.034	0.966	4	2.667	1.132
1.919	1.763	1.457	1.364	1.103	1.068	0.911	3	2.222	1.375
1.947	1.892	1.7	1.492	1.422	1.382	1.335	9.5	6.222	5
1.763	1.678	1.513	1.323	1.18	1.054	0.966	4.5	2.444	1.125
1.913	1.836	1.61	1.406	1.321	1.236	1.047	4.5	3.333	2.063
1.751	1.64	1.145	1.068	1.068	1.068	0.878	5.5	2.222	1.125
1.788	1.644	1.56	1.447	1.435	1.068	1.025	5	1.111	1.319
1.975	1.885	1.683	1.516	1.338	1.268	1.236	5.5	4	2.319

1.888	1.434	1.429	1.355	1.26	1.126	0.924	5	2.444	1.813
1.894	1.701	1.414	1.268	1.007	0.966	0.966	5	2.444	1.188
1.777	1.771	1.479	1.118	1.068	0.95	0.887	4	2.222	1.375
1.965	1.801	1.709	1.491	1.393	1.388	1.385	8	4.889	2.625
1.956	1.859	1.837	1.736	1.671	1.602	1.456	11	4.889	2.813
1.694	1.506	1.161	0.966	0.912	0.627	0.104	2.5	1.778	1.729
1.971	1.908	1.886	1.669	1.491	1.336	1.236	6.5	3.111	1.514
1.814	1.624	1.536	1.166	1.068	0.992	0.966	5	1.556	0.625
1.694	1.417	1.226	1.017	0.897	0.667	0	3	2.667	1.75
1.868	1.825	1.669	1.446	1.236	1.202	0.966	4.5	2.444	1.563
1.856	1.707	1.482	1.422	1.365	1.102	0.973	4.5	2.222	1.375
1.872	1.779	1.539	1.331	1.214	1.068	0.993	6	3.556	1.979
1.94	1.924	1.853	1.805	1.625	1.583	1.533	17	10.444	7.063
1.946	1.892	1.691	1.477	1.419	1.38	1.316	9.5	6	4.875
1.922	1.73	1.426	1.42	1.115	0.956	0.88	2	2	1.25
1.858	1.758	1.509	1.486	1.398	1.265	1.17	10	8.667	5.799
1.836	1.763	1.414	1.15	1.068	0.966	0.966	2.5	1.556	1
1.895	1.832	1.808	1.689	1.486	1.486	1.375	5	3.556	1.75
1.911	1.858	1.706	1.539	1.4	1.236	1.169	5.5	3.556	3.118
1.573	1.337	1.039	0.603	0.493	0.185	0	4	2	1.389
1.808	1.66	1.474	1.427	1.079	1.012	0.895	4.5	3.333	2.035
1.853	1.639	1.415	1.356	1.218	1.2	0.94	5	4.222	2.667
1.911	1.761	1.515	1.365	1.188	1.024	0.966	5.5	3.111	2.674
1.938	1.929	1.801	1.755	1.717	1.633	1.444	10.5	6.889	3.701
1.936	1.828	1.726	1.646	1.477	1.464	1.312	8.5	4.667	2.604
1.76	1.27	1.039	0.859	0.772	0.402	0.184	3.5	2.444	1.5
1.966	1.809	1.647	1.519	1.424	1.278	1.218	8.5	4.222	2.313
1.832	1.567	1.296	1.202	1.003	0.966	0.823	2	1.556	1.375
1.86	1.779	1.727	1.538	1.456	1.263	1.25	4	3.111	2.75
1.849	1.701	1.478	1.378	1.252	1.102	0.947	6	5.556	3.507
1.944	1.903	1.723	1.563	1.531	1.424	1.343	7	3.778	3.25
1.885	1.592	1.537	1.458	1.354	1.184	1.017	5	3.333	2.813
1.903	1.642	1.534	1.52	1.381	1.21	1.089	5.5	3.333	2.813
1.922	1.717	1.42	1.407	1.1	0.956	0.88	2	2	1.25
1.979	1.966	1.839	1.556	1.518	1.444	1.434	9	5.778	4.139
1.849	1.817	1.724	1.587	1.477	1.294	1.209	10	4.444	2.75
1.889	1.599	1.433	1.389	1.133	0.966	0.951	4	2.556	2.264
1.769	1.448	1.229	1.093	0.966	0.746	0.653	2.5	1.333	0.688
1.833	1.618	1.433	1.11	0.924	0.885	0.826	3.5	2.889	1.438
1.942	1.87	1.511	1.357	1.195	0.966	0.955	7	3.556	1.875
1.774	1.398	1.25	1.069	0.899	0.765	0.346	2	1.778	1.188
1.82	1.667	1.481	1.422	1.254	1.156	1.046	6.5	5.111	2.792
1.983	1.825	1.703	1.426	1.236	1.193	1.085	4.5	2.889	1.889
1.854	1.705	1.426	1.302	1.236	1.068	1.042	5	2.667	1.5
2.008	1.969	1.936	1.784	1.765	1.606	1.587	17	10.444	9.521
2.021	1.967	1.89	1.772	1.742	1.588	1.561	14	8.667	8.528
1.426	1.323	1.323	0.859	0.757	0.757	0.146	4.5	0.667	1.313
1.919	1.511	1.364	1.03	0.904	0.876	0.524	2.5	2	1.5
1.851	1.722	1.563	1.509	1.426	1.36	1.294	6	3.778	2.813
1.94	1.923	1.848	1.803	1.616	1.581	1.533	17	10.222	7.063

1.959	1.89	1.645	1.586	1.518	1.434	1.431	8.5	5.778	3.819
1.935	1.804	1.613	1.304	1.236	1.067	0.966	6.5	4	1.438
1.991	1.948	1.828	1.61	1.547	1.459	1.347	7	4	1.708
1.955	1.91	1.884	1.797	1.757	1.655	1.471	10.5	4.222	3.576
1.602	1.276	0.998	0.845	0.781	0.379	0.366	3	2.222	1
1.848	1.662	1.396	1.366	1.248	1.236	1.043	6.5	5.611	3.41
1.965	1.879	1.822	1.773	1.61	1.394	1.307	9.5	4.889	2.875
1.981	1.95	1.918	1.9	1.7	1.663	1.597	16.5	11	8.313
1.801	1.723	1.594	1.33	1.174	1.068	0.963	6	2.444	1.354
1.988	1.872	1.836	1.722	1.573	1.361	1.236	8	5.333	3.125
1.95	1.759	1.523	1.362	1.233	1.068	1.056	5.5	3.111	1.576
1.944	1.818	1.743	1.644	1.518	1.492	1.306	9	4	2.785
1.94	1.809	1.651	1.617	1.417	1.236	1.221	5.5	3.111	1.944
1.821	1.741	1.387	1.068	1.002	0.966	0.91	3.5	2	0.938
1.722	1.575	1.451	1.343	1.083	0.874	0.685	2.5	1.556	0.819
1.965	1.915	1.86	1.825	1.731	1.529	1.492	16.5	10.444	7.194
1.935	1.759	1.685	1.487	1.395	1.271	1.068	6	3.333	2
1.931	1.791	1.644	1.617	1.523	1.242	1.072	6	3.778	1.861
1.812	1.471	1.422	1.367	1.175	0.983	0.71	4	2	1.438
1.983	1.836	1.79	1.695	1.498	1.236	1.226	8	5.556	2.938
1.694	1.506	1.161	0.966	0.912	0.627	0.104	2.5	1.778	1.729
1.902	1.644	1.54	1.511	1.391	1.248	1.236	5.5	3.778	1.903
1.819	1.617	1.498	1.201	1.068	1.034	0.814	3.5	2	0.813
1.935	1.877	1.788	1.754	1.692	1.651	1.543	11	4.667	3.194
2.023	1.949	1.837	1.821	1.728	1.596	1.57	12	5.333	3.125
2.009	1.969	1.936	1.785	1.765	1.606	1.588	17	10.444	9.521
1.836	1.559	1.449	0.966	0.966	0.843	0.806	4	2.667	2.194
2.005	1.616	1.508	1.382	1.273	1.172	1.105	4.5	3.111	1.625
2.018	1.618	1.5	1.375	1.286	1.255	1.143	4.5	3.111	1.563
1.871	1.785	1.509	1.123	1.068	0.97	0.9	3	2	1.313
1.953	1.639	1.562	1.271	1.22	1.071	0.875	6.5	3.111	1.729
1.823	1.667	1.463	1.365	1.111	1.032	0.918	5	4	2.167
1.922	1.867	1.508	1.42	1.121	1.068	0.956	3	2.222	1.375
1.852	1.73	1.507	1.461	1.398	1.276	1.149	8.5	6.889	4.354
1.962	1.903	1.747	1.564	1.531	1.419	1.333	6	3.556	2.875
1.91	1.645	1.427	1.181	1.159	0.919	0.852	5	3.556	2.875
1.968	1.643	1.419	1.374	1.37	1.212	1.015	5.5	3.333	2.104
1.996	1.836	1.835	1.696	1.507	1.272	1.236	8	5.556	2.938
1.93	1.644	1.529	1.377	1.248	1.089	1.007	5.5	3.333	3
1.838	1.715	1.492	1.443	1.369	1.24	1.134	7	5.333	3.194
1.874	1.751	1.465	1.273	1.073	0.966	0.962	4.5	2.222	1.792
1.903	1.868	1.824	1.581	1.371	1.168	1.068	4	2.444	1.75
1.975	1.858	1.734	1.492	1.405	1.388	1.385	8	4.889	2.625
1.87	1.773	1.507	1.118	1.068	0.95	0.887	4	2.222	1.375
1.941	1.874	1.465	1.236	1.178	1.164	0.907	4.5	2.667	1.313
1.594	1.551	0.901	0.871	0.42	0.343	0.096	2.5	1.556	0.91
1.998	1.916	1.893	1.694	1.498	1.358	1.236	6.5	3.111	1.514
1.931	1.727	1.482	1.422	1.366	1.102	1.025	4.5	2.222	1.375
1.82	1.667	1.481	1.422	1.254	1.156	1.046	6.5	5.111	2.792
1.942	1.837	1.7	1.497	1.399	1.274	1.068	6	3.333	2

1.922	1.817	1.475	1.42	1.116	0.956	0.88	2	2	1.25
1.842	1.722	1.507	1.461	1.396	1.273	1.144	7.5	5.556	3.757
2.026	1.981	1.956	1.788	1.766	1.623	1.588	17	10.444	9.521
1.877	1.492	1.331	1.259	1.082	0.919	0.81	5	3.556	2.556
1.989	1.923	1.836	1.722	1.578	1.401	1.236	8	5.333	3.125
1.884	1.647	1.561	1.467	1.444	1.068	1.025	5	1.111	1.319
1.849	1.726	1.502	1.445	1.39	1.263	1.12	8.5	6.889	4.354
1.947	1.892	1.7	1.492	1.422	1.382	1.335	9.5	6.222	5
1.91	1.622	1.51	1.236	1.226	1.03	0.95	4.5	3.111	2
1.961	1.928	1.856	1.803	1.663	1.607	1.534	17	10.222	7.063
1.965	1.915	1.86	1.825	1.731	1.529	1.492	16.5	10.444	7.194
1.886	1.628	1.536	1.225	1.068	1.027	0.966	5	1.556	0.625
1.731	1.573	1.464	1.295	1.103	0.896	0.678	2.5	1.556	0.819
1.948	1.924	1.9	1.858	1.83	1.798	1.777	22.5	13.333	9.625
1.959	1.888	1.645	1.583	1.515	1.447	1.431	8.5	5.556	3.694
1.91	1.628	1.512	1.236	1.226	1.042	0.977	4.5	3.111	2
1.945	1.634	1.62	1.348	1.236	1.167	1.034	6	3.333	2.75
1.981	1.95	1.918	1.9	1.7	1.663	1.597	16.5	11	8.313
1.965	1.795	1.645	1.485	1.405	1.277	1.173	8.5	4.222	2.438
1.716	1.634	1.553	1.324	1.159	1.033	0.9	6	3.778	3.257
1.936	1.828	1.726	1.646	1.477	1.464	1.312	8.5	4.667	2.604
1.946	1.637	1.607	1.349	1.236	1.144	1.042	5.5	3.778	2.625

GGI4	GGI5	GGI6	GGI7	GGI8	GGI9	GGI10	JGI1	JGI2	JGI3
1.044	0.813	0.793	0.606	0.346	0.221	0	0.192	0.089	0.053
1.293	0.778	0.589	0.365	0.251	0.196	0.091	0.25	0.079	0.046
1.309	0.834	0.597	0.215	0.074	0.016	0	0.14	0.074	0.046
0.702	0.458	0.204	0.165	0.132	0.084	0.058	0.194	0.081	0.03
1.654	1.239	0.631	0.278	0.282	0.292	0.158	0.25	0.114	0.058
0.989	0.427	0.327	0.311	0.17	0.063	0	0.13	0.072	0.039
2.018	0.75	0.425	0.161	0.02	0	0	0.152	0.083	0.047
2.364	2.427	0.989	0.749	0.753	0.678	0.464	0.288	0.081	0.054
0.693	0.465	0.245	0.189	0.106	0.016	0	0.125	0.071	0.033
0.979	0.816	0.435	0.175	0.099	0.049	0	0.173	0.078	0.044
1.099	0.559	0.408	0.118	0.041	0	0	0.167	0.069	0.039
2.203	1.288	1.114	0.776	0.528	0.344	0.262	0.167	0.078	0.048
1.866	1.243	0.845	0.315	0.169	0.092	0.037	0.167	0.08	0.044
0.796	0.566	0.552	0.438	0.187	0.126	0.084	0.192	0.105	0.056
1.261	0.594	0.505	0.343	0.24	0.063	0	0.167	0.074	0.039
1.451	0.882	0.634	0.415	0.074	0.031	0	0.188	0.085	0.043
0.728	0.18	0.18	0.015	0	0	0	0.167	0.078	0.054
1.638	0.625	0.538	0.38	0.194	0.081	0.012	0.173	0.072	0.032
3.516	2.056	1.469	1.582	1.156	0.794	0.859	0.222	0.076	0.038
1.751	0.97	0.746	0.292	0.28	0.166	0.158	0.167	0.074	0.058
1.522	0.455	0.436	0.252	0.068	0.016	0	0.12	0.063	0.041
1.309	0.788	0.49	0.15	0.061	0	0	0.159	0.086	0.045
1.578	0.997	0.579	0.298	0.246	0.117	0.172	0.177	0.062	0.047
0.989	0.427	0.327	0.311	0.17	0.063	0	0.13	0.072	0.039
0.806	0.431	0.281	0.196	0.104	0.048	0.012	0.109	0.067	0.029
2.031	1.257	0.627	0.255	0.185	0.101	0.037	0.18	0.086	0.049
1.126	0.889	0.729	0.57	0.189	0.204	0.062	0.231	0.096	0.051
1.093	0.67	0.335	0.398	0.263	0.23	0.141	0.229	0.076	0.034
2.012	0.973	0.505	0.285	0	0	0	0.229	0.09	0.057
0.996	0.354	0.622	0.439	0.156	0.118	0.058	0.125	0.062	0.039
0.989	0.427	0.327	0.311	0.17	0.063	0	0.13	0.072	0.039
0.973	0.347	0.198	0	0	0	0	0.206	0.12	0.065
1.124	0.924	0.265	0.224	0.283	0.11	0.062	0.2	0.088	0.038
2.658	1.507	1.261	0.875	0.893	0.636	0.512	0.184	0.071	0.054
1.736	0.868	0.686	0.174	0.041	0	0	0.196	0.088	0.041
1.769	1.222	1.04	0.608	0.452	0.273	0.235	0.258	0.083	0.06
1.431	0.472	0.32	0.174	0.106	0.031	0	0.125	0.089	0.05
0.88	0.389	0.245	0.125	0	0	0	0.357	0.099	0.047
3.548	1.771	1.097	0.536	0.316	0.132	0.066	0.3	0.142	0.075
1.204	0.604	0.305	0.2	0.169	0.171	0.058	0.225	0.103	0.052
0.782	0.403	0.182	0.224	0.132	0.076	0.074	0.211	0.068	0.018
0.533	0.424	0.082	0.056	0	0	0	0.231	0.105	0.059
1.448	0.549	0.385	0.089	0.02	0	0	0.13	0.067	0.038
3.259	1.215	0.695	0.217	0.111	0.071	0.02	0.217	0.119	0.058
2.378	1.792	1.022	1.05	0.358	0.272	0.087	0.21	0.078	0.063
1.179	0.795	0.516	0.325	0.074	0.031	0	0.174	0.076	0.038
1.099	0.559	0.408	0.118	0.041	0	0	0.167	0.069	0.039
1.424	0.786	0.498	0.269	0.21	0.03	0.012	0.18	0.068	0.038
1.749	0.775	0.269	0.015	0	0	0	0.143	0.074	0.052

0.702	0.458	0.224	0.193	0.156	0.084	0.058	0.184	0.077	0.028
1.058	0.542	0.361	0.229	0.164	0.171	0.107	0.167	0.095	0.059
3.179	1.187	0.616	0.171	0.045	0	0	0.222	0.123	0.062
3.276	1.972	1.57	1.436	1.074	0.874	0.777	0.214	0.077	0.038
2.249	1.094	0.611	0.4	0.244	0.198	0.19	0.171	0.087	0.046
0.942	0.431	0.242	0.227	0.132	0.116	0.074	0.263	0.065	0.03
1.769	1.222	1.04	0.608	0.452	0.273	0.235	0.258	0.083	0.06
3.157	1.483	0.961	0.474	0.292	0.132	0.066	0.293	0.144	0.074
3.157	1.483	0.961	0.474	0.292	0.132	0.066	0.293	0.144	0.074
1.12	0.382	0.341	0.278	0.148	0.063	0	0.136	0.067	0.042
1.28	0.743	0.529	0.243	0.082	0	0	0.159	0.079	0.036
0.582	0.285	0.204	0.056	0	0	0	0.269	0.078	0.05
1.487	0.671	0.38	0.299	0.183	0.096	0.061	0.117	0.061	0.025
0.679	0.306	0.198	0.228	0.152	0.091	0.032	0.143	0.077	0.041
0.844	0.625	0.285	0.191	0.13	0.051	0.025	0.1	0.063	0.03
2.084	1.111	0.929	0.599	0.34	0.103	0	0.172	0.074	0.047
0.728	0.473	0.309	0.216	0	0	0	0.344	0.056	0.082
0.822	0.521	0.366	0.259	0.144	0.04	0	0.25	0.102	0.05
0.773	0.473	0.205	0.231	0.177	0.121	0	0.175	0.068	0.045
1.116	0.639	0.408	0.179	0.155	0.026	0.012	0.167	0.095	0.052
1.929	1.389	1.264	0.745	0.497	0.313	0.252	0.297	0.092	0.059
1.6	0.785	0.487	0.387	0.177	0.114	0.057	0.129	0.066	0.038
1.303	1.101	0.509	0.222	0.241	0.232	0.122	0.25	0.105	0.052
1.253	0.604	0.404	0.29	0.238	0.177	0.111	0.259	0.056	0.034
1.076	0.549	0.101	0.059	0	0	0	0.313	0.135	0.088
1.062	0.764	0.405	0.234	0.183	0.22	0.192	0.167	0.084	0.05
1.004	0.694	0.793	0.606	0.334	0.125	0	0.2	0.092	0.056
2.161	1.379	1.119	0.24	0.242	0	0	0.438	0.087	0.089
1.149	0.712	0.426	0.366	0.17	0.063	0	0.167	0.067	0.044
0.934	0.378	0.414	0.168	0.176	0.094	0.029	0.167	0.076	0.057
1.486	0.903	0.639	0.495	0.436	0.194	0.056	0.197	0.095	0.055
0.872	0.372	0.046	0.015	0	0	0	0.132	0.063	0.039
1.889	1.201	0.531	0.347	0.09	0.054	0	0.16	0.07	0.053
1.658	1.306	0.853	0.533	0.427	0.298	0.173	0.167	0.092	0.044
0.916	0.792	0.521	0.269	0.249	0.197	0.05	0.16	0.089	0.053
1.329	0.851	0.402	0.31	0.22	0.141	0.132	0.172	0.072	0.045
0.733	0.559	0.496	0.24	0.167	0.109	0.05	0.217	0.063	0.053
0.572	0.553	0.144	0.083	0	0	0	0.267	0.071	0.069
5.491	3.057	1.75	1.296	0.751	0.546	0.511	0.235	0.096	0.067
2.043	1.032	0.626	0.511	0.276	0.156	0.139	0.19	0.078	0.053
2.441	0.906	0.474	0.087	0	0	0	0.2	0.103	0.054
3.29	1.232	0.755	0.292	0.156	0.097	0.037	0.21	0.111	0.062
0.893	0.483	0.398	0.27	0.164	0.143	0.069	0.148	0.072	0.032
0.989	0.427	0.327	0.311	0.17	0.063	0	0.13	0.072	0.039
4.787	2.687	1.767	1.406	1.006	0.663	0.347	0.221	0.093	0.06
0.582	0.59	0.407	0.306	0.238	0.181	0.128	0.205	0.087	0.04
1.793	0.719	0.657	0.529	0.284	0.165	0.119	0.15	0.079	0.042
0.88	0.528	0.367	0.243	0	0	0	0.344	0.097	0.054
0.685	0.462	0.178	0.197	0.099	0.149	0.086	0.238	0.043	0.06
1.938	0.976	0.57	0.4	0.195	0.158	0.182	0.162	0.082	0.045



1.538	0.59	0.507	0.326	0.189	0.133	0.029	0.227	0.081	0.055
0.813	0.653	0.243	0.323	0.308	0.186	0.112	0.217	0.079	0.04
1.391	0.521	0.504	0.325	0.218	0.063	0	0.174	0.069	0.042
2.027	1.361	0.996	0.458	0.275	0.287	0.165	0.235	0.106	0.048
2.973	1.792	1.386	1.205	1.045	0.672	0.642	0.234	0.078	0.042
0.601	0.285	0.141	0.028	0	0	0	0.167	0.085	0.086
1.689	1.025	0.51	0.486	0.345	0.224	0.176	0.171	0.06	0.03
0.942	0.431	0.242	0.227	0.132	0.116	0.074	0.263	0.065	0.03
1.392	0.278	0	0	0	0	0	0.2	0.116	0.07
1.076	0.354	0.704	0.502	0.169	0.134	0.058	0.155	0.064	0.041
0.987	0.625	0.344	0.208	0.14	0.13	0.087	0.196	0.074	0.044
1.126	0.889	0.729	0.57	0.189	0.204	0.062	0.231	0.096	0.051
5.36	3.424	2.878	2.601	1.833	1.265	1.099	0.315	0.126	0.068
4.787	2.66	1.686	1.359	0.96	0.583	0.305	0.226	0.091	0.06
0.989	0.427	0.245	0.142	0.097	0.031	0	0.091	0.069	0.037
3.819	2.039	1.145	0.596	0.304	0.167	0.066	0.323	0.164	0.083
0.382	0.194	0.362	0.26	0.107	0.063	0	0.125	0.062	0.042
1.911	1.931	1.378	0.792	0.477	0.37	0.214	0.128	0.068	0.029
1.503	0.848	0.591	0.43	0.164	0.135	0.12	0.162	0.073	0.064
0.205	0	0	0	0	0	0	0.4	0.133	0.107
1.848	1.081	0.633	0.234	0.158	0.046	0.029	0.188	0.095	0.05
2.481	1.048	0.535	0.171	0.045	0	0	0.192	0.101	0.052
2.046	1.431	0.736	0.478	0.269	0.096	0.107	0.204	0.08	0.064
2.345	2.123	1.171	0.687	0.53	0.411	0.303	0.191	0.087	0.046
1.623	1.549	0.763	0.534	0.398	0.254	0.162	0.213	0.082	0.047
1.067	0.472	0.301	0.106	0.02	0	0	0.206	0.102	0.06
2.28	1.208	0.75	0.523	0.455	0.242	0.214	0.243	0.086	0.045
0.702	0.25	0.279	0.104	0	0	0	0.111	0.068	0.057
2.836	1.569	0.776	0.597	0.419	0.334	0.223	0.118	0.068	0.05
3.259	1.218	0.634	0.246	0.134	0.036	0	0.214	0.121	0.06
2.609	1.743	0.959	0.913	0.419	0.311	0.215	0.189	0.074	0.057
2.298	1.875	1.144	0.41	0.041	0	0	0.192	0.09	0.063
2.298	1.569	0.859	0.76	0.217	0.056	0	0.204	0.088	0.063
0.989	0.427	0.245	0.142	0.097	0.031	0	0.091	0.069	0.037
4.097	2.306	1.493	1.063	0.875	0.742	0.514	0.184	0.08	0.048
1.987	1.979	1.523	0.811	0.633	0.489	0.256	0.294	0.091	0.054
1.049	0.552	0.455	0.281	0.307	0.136	0.045	0.16	0.075	0.065
0.551	0.229	0.122	0.071	0.033	0.016	0	0.179	0.078	0.043
1.2	0.66	0.463	0.255	0.16	0.051	0	0.159	0.093	0.042
1.627	0.986	0.323	0.41	0.348	0.146	0.169	0.233	0.085	0.045
1.08	0.236	0.078	0	0	0	0	0.118	0.074	0.048
2.076	0.868	0.58	0.231	0.137	0.06	0	0.271	0.131	0.063
0.907	0.674	0.352	0.287	0.167	0.097	0.089	0.155	0.072	0.048
1.364	0.618	0.445	0.316	0.086	0.026	0.012	0.238	0.092	0.05
8.238	6.075	4.119	3.065	2.014	1.534	1.073	0.25	0.096	0.067
7.352	5.436	3.4	2.595	1.619	1.263	1.018	0.215	0.084	0.064
0.333	0	0	0	0	0	0	0.346	0.032	0.088
1.379	0.563	0.229	0.015	0	0	0	0.125	0.071	0.045
2.791	1.553	1.268	0.75	0.52	0.18	0.017	0.194	0.086	0.048
5.2	3.368	2.755	2.491	1.701	1.199	1.037	0.321	0.125	0.07

4.034	2.077	1.858	1.5	0.967	0.635	0.398	0.177	0.079	0.046
1.018	0.889	0.526	0.227	0.164	0.188	0.186	0.232	0.103	0.037
1.881	1.133	0.688	0.556	0.292	0.23	0.2	0.179	0.071	0.031
2.533	1.764	1.353	1.101	0.812	0.575	0.495	0.214	0.061	0.053
0.48	0.167	0.041	0	0	0	0	0.273	0.159	0.063
3.259	1.215	0.695	0.217	0.111	0.071	0.02	0.217	0.119	0.058
2.631	1.736	1.184	1.089	0.732	0.578	0.479	0.221	0.08	0.046
7.649	6.292	4.194	2.734	1.861	1.444	0.958	0.243	0.107	0.064
0.973	0.594	0.665	0.341	0.146	0.12	0.033	0.286	0.081	0.05
1.382	0.993	0.887	0.498	0.185	0.174	0.256	0.211	0.099	0.054
1.441	1.063	0.757	0.518	0.227	0.132	0	0.22	0.086	0.044
2.128	1.466	1.065	0.755	0.714	0.38	0.271	0.243	0.078	0.056
1.279	0.747	0.336	0.299	0.154	0.133	0.141	0.177	0.072	0.046
0.573	0.528	0.485	0.267	0.168	0.016	0	0.175	0.077	0.038
0.365	0.191	0.096	0.103	0.117	0.089	0.057	0.147	0.078	0.046
5.966	2.691	2.567	1.346	0.888	0.648	0.477	0.266	0.107	0.064
2.234	1.525	1.091	0.589	0.537	0.18	0.066	0.194	0.078	0.04
1.132	0.889	0.453	0.405	0.298	0.155	0.148	0.2	0.088	0.047
1.013	0.229	0.345	0.191	0.066	0.031	0	0.235	0.091	0.063
1.933	1.611	0.991	0.469	0.455	0.442	0.227	0.216	0.105	0.049
0.601	0.285	0.141	0.028	0	0	0	0.167	0.085	0.086
2.031	1.084	0.634	0.416	0.231	0.186	0.162	0.177	0.086	0.04
0.796	0.347	0.224	0.168	0.135	0.11	0.062	0.175	0.077	0.033
2.837	1.569	1.506	1.072	0.798	0.822	0.5	0.208	0.066	0.046
3.573	2.125	1.53	1.431	0.979	0.819	0.628	0.226	0.071	0.041
8.033	5.964	3.901	2.955	1.969	1.514	1.053	0.254	0.097	0.068
0.998	0.528	0.281	0.104	0	0	0	0.19	0.089	0.069
1.671	0.931	0.487	0.307	0.172	0.127	0.074	0.167	0.08	0.039
1.742	1.076	0.626	0.326	0.193	0.117	0.062	0.167	0.08	0.036
1.12	0.382	0.341	0.278	0.148	0.063	0	0.136	0.067	0.042
1.641	0.819	0.611	0.377	0.244	0.181	0.071	0.241	0.08	0.048
1.653	0.663	0.483	0.231	0.137	0.06	0	0.217	0.111	0.056
0.989	0.427	0.327	0.311	0.17	0.063	0	0.13	0.072	0.039
3.157	1.483	0.961	0.474	0.292	0.132	0.066	0.293	0.144	0.074
2.449	1.66	0.919	0.851	0.357	0.216	0.182	0.167	0.073	0.052
2.249	0.958	0.53	0.352	0.156	0.058	0.016	0.2	0.096	0.068
1.743	0.681	0.603	0.334	0.196	0.21	0.099	0.212	0.09	0.054
1.933	1.611	0.991	0.469	0.455	0.442	0.227	0.216	0.105	0.049
2.613	1.514	0.769	0.345	0.246	0.117	0.07	0.204	0.083	0.064
2.406	0.979	0.7	0.356	0.227	0.08	0.058	0.269	0.127	0.067
0.844	0.712	0.434	0.266	0.164	0.09	0.054	0.188	0.067	0.056
1.284	0.771	0.546	0.417	0.216	0.076	0.107	0.133	0.063	0.043
2.027	1.361	0.996	0.458	0.275	0.287	0.165	0.235	0.106	0.048
1.391	0.521	0.504	0.325	0.218	0.063	0	0.174	0.069	0.042
1.638	0.625	0.538	0.38	0.194	0.081	0.012	0.173	0.072	0.032
0.728	0.18	0.18	0.015	0	0	0	0.167	0.078	0.054
1.689	1.025	0.51	0.486	0.345	0.224	0.176	0.171	0.06	0.03
0.987	0.625	0.344	0.208	0.14	0.13	0.087	0.196	0.074	0.044
2.076	0.868	0.58	0.231	0.137	0.06	0	0.271	0.131	0.063
2.234	1.525	1.091	0.589	0.537	0.18	0.066	0.194	0.078	0.04

0.989	0.427	0.245	0.142	0.097	0.031	0	0.091	0.069	0.037
2.957	1.341	0.842	0.384	0.264	0.096	0.066	0.268	0.123	0.071
8.033	5.964	3.901	2.955	1.969	1.514	1.053	0.254	0.097	0.068
2.299	0.715	0.518	0.303	0.165	0.056	0.005	0.208	0.099	0.066
1.382	0.993	0.887	0.498	0.185	0.174	0.256	0.211	0.099	0.054
0.685	0.462	0.178	0.197	0.099	0.149	0.086	0.238	0.043	0.06
3.157	1.483	0.961	0.474	0.292	0.132	0.066	0.293	0.144	0.074
4.787	2.687	1.767	1.406	1.006	0.663	0.347	0.221	0.093	0.06
2.031	1.257	0.627	0.255	0.185	0.101	0.037	0.18	0.086	0.049
5.2	3.368	2.755	2.491	1.701	1.199	1.037	0.321	0.125	0.07
5.966	2.691	2.567	1.346	0.888	0.648	0.477	0.266	0.107	0.064
0.942	0.431	0.242	0.227	0.132	0.116	0.074	0.263	0.065	0.03
0.365	0.191	0.096	0.103	0.117	0.089	0.057	0.147	0.078	0.046
7.92	4.833	4.204	3.625	2.42	2.04	1.835	0.265	0.11	0.064
4.114	2.167	1.999	1.444	0.866	0.597	0.391	0.177	0.076	0.045
2.031	1.257	0.627	0.255	0.185	0.101	0.037	0.18	0.086	0.049
2.658	1.444	1.172	0.403	0.295	0.131	0.058	0.207	0.076	0.055
7.649	6.292	4.194	2.734	1.861	1.444	0.958	0.243	0.107	0.064
2.12	1.375	0.669	0.498	0.464	0.272	0.186	0.243	0.086	0.048
2.178	1.031	0.489	0.418	0.194	0.076	0.025	0.24	0.099	0.079
1.623	1.549	0.763	0.534	0.398	0.254	0.162	0.213	0.082	0.047
2.778	1.479	1.051	0.45	0.263	0.167	0.058	0.19	0.086	0.051

JGI4	JGI5	JGI6	JGI7	JGI8	JGI9	JGI10	JGT	LP1	Eig1Z
0.028	0.023	0.02	0.016	0.011	0.015	0	0.446	2.398	104.118
0.042	0.026	0.023	0.015	0.013	0.011	0.006	0.51	2.354	112.829
0.034	0.023	0.022	0.011	0.009	0.008	0	0.368	2.511	64.251
0.037	0.024	0.014	0.014	0.012	0.009	0.012	0.426	2.275	68.386
0.044	0.039	0.02	0.01	0.012	0.014	0.009	0.571	2.447	98.027
0.031	0.015	0.014	0.016	0.012	0.016	0	0.345	2.448	71.077
0.058	0.027	0.024	0.018	0.01	0	0	0.418	2.562	55.078
0.04	0.036	0.014	0.013	0.013	0.012	0.009	0.561	2.457	193.171
0.032	0.019	0.01	0.01	0.011	0.008	0	0.318	2.32	63.124
0.03	0.024	0.014	0.006	0.005	0.005	0	0.38	2.532	93.313
0.039	0.021	0.02	0.011	0.014	0	0	0.379	2.428	50.664
0.037	0.023	0.02	0.014	0.011	0.009	0.008	0.416	2.568	169.214
0.044	0.032	0.026	0.014	0.011	0.009	0.007	0.433	2.541	84.603
0.025	0.018	0.018	0.015	0.007	0.007	0.01	0.454	2.444	96.923
0.037	0.019	0.019	0.016	0.015	0.01	0	0.395	2.458	76.476
0.041	0.026	0.021	0.019	0.007	0.016	0	0.445	2.453	65.889
0.052	0.014	0.018	0.007	0	0	0	0.389	2.336	31.725
0.045	0.017	0.017	0.017	0.014	0.016	0.006	0.409	2.467	74.92
0.043	0.021	0.014	0.015	0.01	0.007	0.008	0.453	2.347	344.624
0.03	0.017	0.016	0.009	0.01	0.006	0.005	0.391	2.555	164.179
0.04	0.012	0.015	0.015	0.011	0.016	0	0.332	2.487	67.514
0.041	0.027	0.021	0.012	0.015	0	0	0.407	2.457	56.229
0.042	0.027	0.018	0.012	0.011	0.005	0.008	0.41	2.487	150.664
0.031	0.015	0.014	0.016	0.012	0.016	0	0.345	2.448	69.958
0.029	0.016	0.01	0.008	0.007	0.008	0.012	0.295	2.397	68.863
0.052	0.036	0.022	0.013	0.014	0.011	0.007	0.471	2.504	77.776
0.03	0.026	0.022	0.02	0.009	0.019	0.009	0.513	2.553	93.714
0.042	0.025	0.013	0.017	0.01	0.012	0.012	0.469	2.418	94.9
0.05	0.031	0.025	0.026	0	0	0	0.509	2.628	62.543
0.028	0.009	0.018	0.016	0.007	0.007	0.004	0.315	2.411	123.301
0.031	0.015	0.014	0.016	0.012	0.016	0	0.345	2.448	72.275
0.039	0.019	0.028	0	0	0	0	0.478	2.478	41.322
0.04	0.036	0.011	0.012	0.016	0.006	0.004	0.45	2.35	117.244
0.037	0.02	0.016	0.011	0.011	0.007	0.006	0.418	2.384	318.758
0.051	0.026	0.024	0.011	0.014	0	0	0.449	2.459	59.138
0.038	0.028	0.023	0.014	0.013	0.009	0.01	0.536	2.475	167.776
0.039	0.016	0.015	0.012	0.015	0.016	0	0.377	2.634	69.541
0.055	0.022	0.022	0.016	0	0	0	0.617	2.264	47.726
0.06	0.038	0.031	0.021	0.017	0.01	0.011	0.705	2.678	111.07
0.048	0.029	0.018	0.013	0.012	0.013	0.007	0.52	2.374	76.756
0.043	0.021	0.012	0.019	0.011	0.008	0.011	0.421	2.243	82.44
0.044	0.047	0.009	0.028	0	0	0	0.522	2.303	32.379
0.041	0.017	0.019	0.011	0.02	0	0	0.345	2.5	56.837
0.057	0.029	0.022	0.014	0.01	0.014	0.01	0.55	2.751	87.028
0.042	0.031	0.018	0.021	0.009	0.012	0.005	0.489	2.508	131.119
0.037	0.026	0.02	0.017	0.008	0.016	0	0.412	2.44	62.306
0.039	0.021	0.02	0.011	0.014	0	0	0.379	2.428	51.863
0.042	0.023	0.017	0.014	0.019	0.008	0.012	0.421	2.486	69.387
0.049	0.025	0.019	0.005	0	0	0	0.367	2.485	48.577

0.035	0.022	0.012	0.014	0.013	0.008	0.01	0.403	2.277	74.233
0.027	0.015	0.012	0.01	0.008	0.009	0.005	0.407	2.472	124.185
0.06	0.034	0.026	0.019	0.023	0	0	0.568	2.749	68.625
0.039	0.02	0.016	0.014	0.01	0.008	0.007	0.442	2.326	374.404
0.048	0.028	0.019	0.013	0.009	0.008	0.007	0.437	2.467	170.639
0.05	0.023	0.017	0.019	0.011	0.012	0.009	0.498	2.252	78.852
0.038	0.028	0.023	0.014	0.013	0.009	0.01	0.536	2.475	167.268
0.058	0.035	0.032	0.02	0.017	0.011	0.011	0.695	2.671	105.577
0.058	0.035	0.032	0.02	0.017	0.011	0.011	0.695	2.671	104.913
0.04	0.015	0.016	0.016	0.012	0.016	0	0.361	2.475	63.798
0.044	0.026	0.02	0.015	0.02	0	0	0.4	2.482	58.487
0.053	0.028	0.026	0.014	0	0	0	0.518	2.249	29.832
0.036	0.016	0.011	0.011	0.01	0.006	0.004	0.296	2.461	121.472
0.028	0.017	0.014	0.016	0.013	0.01	0.011	0.369	2.501	70.021
0.026	0.017	0.008	0.006	0.007	0.006	0.012	0.276	2.379	82.379
0.044	0.023	0.02	0.017	0.017	0.013	0	0.427	2.535	88.526
0.046	0.039	0.034	0.031	0	0	0	0.632	2.406	32.547
0.039	0.027	0.023	0.022	0.014	0.007	0	0.534	2.318	59.399
0.034	0.025	0.012	0.014	0.013	0.015	0	0.401	2.42	71.948
0.041	0.027	0.019	0.009	0.012	0.004	0.012	0.439	2.367	72.403
0.04	0.03	0.026	0.016	0.013	0.01	0.01	0.593	2.48	175.516
0.039	0.018	0.012	0.011	0.006	0.005	0.004	0.327	2.484	110.211
0.042	0.041	0.019	0.01	0.012	0.013	0.01	0.553	2.402	86.77
0.045	0.02	0.016	0.013	0.01	0.009	0.007	0.47	2.274	144.718
0.04	0.042	0.011	0.03	0	0	0	0.659	2.493	46.353
0.031	0.022	0.014	0.011	0.007	0.009	0.01	0.405	2.416	107.374
0.029	0.02	0.022	0.017	0.012	0.01	0	0.457	2.393	96.932
0.064	0.039	0.04	0.012	0.03	0	0	0.798	2.611	68.777
0.032	0.022	0.015	0.017	0.012	0.016	0	0.391	2.454	76.778
0.039	0.019	0.02	0.009	0.01	0.009	0.006	0.411	2.456	75.152
0.031	0.021	0.016	0.013	0.012	0.006	0.003	0.45	2.574	130.053
0.048	0.027	0.005	0.004	0	0	0	0.317	2.525	37.607
0.048	0.031	0.015	0.016	0.007	0.009	0	0.409	2.482	78.636
0.035	0.027	0.017	0.011	0.01	0.008	0.006	0.417	2.447	211.145
0.025	0.026	0.02	0.012	0.013	0.015	0.01	0.423	2.475	76.504
0.036	0.027	0.014	0.012	0.01	0.007	0.006	0.401	2.446	139.519
0.031	0.023	0.022	0.013	0.011	0.012	0.007	0.451	2.432	81.787
0.038	0.046	0.021	0.028	0	0	0	0.538	2.414	25.697
0.057	0.034	0.021	0.019	0.012	0.009	0.009	0.558	2.684	241.769
0.045	0.026	0.02	0.019	0.013	0.009	0.011	0.463	2.579	104.952
0.055	0.031	0.026	0.029	0	0	0	0.499	2.707	59.122
0.057	0.028	0.022	0.015	0.01	0.011	0.009	0.535	2.751	97.016
0.031	0.018	0.015	0.011	0.007	0.008	0.005	0.347	2.385	99.382
0.031	0.015	0.014	0.016	0.012	0.016	0	0.345	2.448	70.089
0.057	0.034	0.023	0.019	0.014	0.011	0.008	0.541	2.625	191.48
0.022	0.026	0.018	0.013	0.012	0.012	0.012	0.446	2.352	94.246
0.038	0.016	0.018	0.02	0.012	0.008	0.008	0.391	2.493	109.006
0.052	0.033	0.033	0.024	0	0	0	0.636	2.342	44.293
0.03	0.023	0.012	0.014	0.007	0.011	0.007	0.444	2.278	86.637
0.044	0.027	0.018	0.014	0.008	0.007	0.008	0.414	2.459	162.216

0.051	0.024	0.025	0.016	0.012	0.015	0.007	0.514	2.395	70.105
0.03	0.025	0.01	0.015	0.018	0.013	0.01	0.458	2.349	84.846
0.046	0.019	0.021	0.016	0.016	0.01	0	0.413	2.485	67.922
0.039	0.031	0.024	0.011	0.009	0.01	0.006	0.52	2.454	196.982
0.042	0.021	0.016	0.013	0.011	0.007	0.009	0.473	2.322	290.734
0.038	0.024	0.024	0.028	0	0	0	0.45	2.431	31.693
0.039	0.022	0.011	0.011	0.009	0.007	0.007	0.366	2.474	203.39
0.05	0.023	0.017	0.019	0.011	0.012	0.009	0.498	2.252	80.306
0.073	0.035	0	0	0	0	0	0.494	2.505	28.068
0.029	0.009	0.02	0.017	0.007	0.008	0.004	0.354	2.411	133.012
0.037	0.027	0.016	0.012	0.009	0.009	0.006	0.431	2.398	94.58
0.03	0.026	0.022	0.02	0.009	0.019	0.009	0.513	2.553	93.714
0.049	0.029	0.022	0.018	0.013	0.011	0.01	0.661	2.494	323.263
0.059	0.035	0.023	0.019	0.015	0.011	0.008	0.547	2.624	182.36
0.032	0.015	0.012	0.009	0.012	0.016	0	0.293	2.447	64.981
0.06	0.041	0.031	0.021	0.015	0.013	0.009	0.758	2.724	114.867
0.017	0.008	0.016	0.014	0.01	0.016	0	0.31	2.336	64.638
0.029	0.026	0.018	0.01	0.007	0.007	0.007	0.329	2.527	164.817
0.035	0.024	0.02	0.015	0.006	0.006	0.006	0.41	2.491	165.214
0.034	0	0	0	0	0	0	0.674	2.407	19.563
0.046	0.033	0.026	0.016	0.016	0.008	0.014	0.491	2.52	68.378
0.053	0.033	0.024	0.021	0.023	0	0	0.499	2.708	65.184
0.05	0.035	0.021	0.016	0.013	0.007	0.015	0.505	2.544	87.596
0.029	0.028	0.017	0.011	0.009	0.007	0.006	0.432	2.508	401.403
0.03	0.029	0.015	0.012	0.011	0.007	0.005	0.45	2.508	212.032
0.053	0.03	0.027	0.021	0.01	0	0	0.509	2.402	36.293
0.049	0.027	0.018	0.014	0.014	0.008	0.008	0.513	2.417	188.137
0.029	0.01	0.017	0.017	0	0	0	0.311	2.368	51.6
0.049	0.03	0.017	0.014	0.011	0.01	0.007	0.373	2.577	164.978
0.059	0.031	0.023	0.022	0.019	0.012	0	0.562	2.75	77.665
0.043	0.028	0.016	0.018	0.009	0.009	0.007	0.451	2.506	191.03
0.045	0.036	0.023	0.012	0.006	0	0	0.468	2.518	85.041
0.046	0.031	0.019	0.021	0.009	0.008	0	0.488	2.505	95.857
0.032	0.015	0.012	0.009	0.012	0.016	0	0.293	2.447	64.035
0.047	0.028	0.02	0.014	0.012	0.011	0.008	0.452	2.58	267.156
0.037	0.037	0.026	0.014	0.015	0.013	0.008	0.589	2.472	157.556
0.039	0.023	0.02	0.013	0.016	0.01	0.006	0.427	2.63	86.986
0.042	0.019	0.014	0.012	0.011	0.016	0	0.413	2.227	41.466
0.041	0.026	0.023	0.017	0.018	0.013	0	0.433	2.46	62.439
0.044	0.03	0.011	0.016	0.015	0.007	0.009	0.494	2.381	114.068
0.057	0.02	0.013	0	0	0	0	0.329	2.46	32.959
0.061	0.035	0.031	0.018	0.02	0.015	0	0.644	2.609	74.138
0.029	0.026	0.015	0.013	0.008	0.005	0.005	0.378	2.437	131.938
0.047	0.021	0.02	0.023	0.01	0.005	0.012	0.518	2.432	71.234
0.047	0.032	0.022	0.018	0.013	0.011	0.008	0.563	2.798	358.867
0.046	0.031	0.02	0.017	0.013	0.01	0.009	0.51	2.794	336.602
0.056	0	0	0	0	0	0	0.521	2.511	22.476
0.044	0.021	0.021	0.005	0	0	0	0.333	2.462	44.195
0.046	0.026	0.025	0.017	0.017	0.009	0.002	0.47	2.527	110.556
0.049	0.03	0.022	0.018	0.013	0.011	0.01	0.669	2.487	317.014

0.049	0.024	0.02	0.016	0.012	0.01	0.008	0.441	2.607	218.73
0.034	0.034	0.021	0.01	0.008	0.01	0.01	0.499	2.414	139.302
0.039	0.025	0.016	0.014	0.008	0.007	0.007	0.398	2.489	179.872
0.037	0.024	0.018	0.014	0.01	0.008	0.007	0.446	2.454	317.674
0.04	0.021	0.01	0	0	0	0	0.565	2.247	32.824
0.057	0.029	0.022	0.014	0.01	0.014	0.01	0.55	2.751	86.77
0.043	0.028	0.017	0.015	0.01	0.009	0.007	0.477	2.44	234.787
0.051	0.037	0.023	0.016	0.012	0.011	0.008	0.572	2.73	425.235
0.041	0.026	0.032	0.019	0.013	0.02	0.005	0.572	2.434	64.163
0.025	0.019	0.02	0.013	0.006	0.006	0.009	0.462	2.496	231.421
0.045	0.03	0.022	0.019	0.013	0.019	0	0.499	2.503	78.782
0.041	0.025	0.018	0.013	0.013	0.007	0.006	0.5	2.424	177.802
0.035	0.025	0.015	0.014	0.006	0.006	0.007	0.404	2.463	164.139
0.025	0.021	0.02	0.016	0.021	0.005	0	0.398	2.35	63.184
0.024	0.015	0.009	0.01	0.012	0.008	0.007	0.355	2.257	56.102
0.056	0.027	0.027	0.016	0.013	0.01	0.007	0.594	2.696	493.035
0.043	0.027	0.02	0.013	0.017	0.008	0.006	0.446	2.483	117.43
0.033	0.025	0.014	0.014	0.011	0.008	0.008	0.447	2.446	114.022
0.051	0.013	0.029	0.015	0.007	0.016	0	0.518	2.321	56.171
0.032	0.026	0.017	0.01	0.013	0.014	0.007	0.489	2.516	181.523
0.038	0.024	0.024	0.028	0	0	0	0.45	2.431	31.693
0.046	0.029	0.02	0.016	0.01	0.008	0.008	0.44	2.467	122.735
0.038	0.018	0.015	0.012	0.011	0.011	0.009	0.399	2.373	69
0.039	0.02	0.018	0.012	0.008	0.009	0.006	0.432	2.346	384.555
0.046	0.025	0.017	0.016	0.01	0.009	0.007	0.468	2.44	349.349
0.047	0.032	0.022	0.018	0.013	0.011	0.008	0.57	2.796	352.835
0.03	0.018	0.016	0.017	0	0	0	0.429	2.55	52.382
0.046	0.028	0.016	0.012	0.009	0.01	0.011	0.417	2.495	90.989
0.046	0.031	0.021	0.014	0.011	0.01	0.01	0.425	2.515	86.928
0.04	0.015	0.016	0.016	0.012	0.016	0	0.361	2.475	63.798
0.053	0.026	0.019	0.015	0.012	0.009	0.005	0.508	2.419	88.735
0.055	0.03	0.03	0.019	0.02	0.015	0	0.553	2.577	66.81
0.031	0.015	0.014	0.016	0.012	0.016	0	0.345	2.448	72.275
0.058	0.035	0.032	0.02	0.017	0.011	0.011	0.695	2.671	106.454
0.042	0.028	0.016	0.017	0.009	0.007	0.006	0.418	2.506	184.502
0.058	0.03	0.022	0.016	0.009	0.006	0.004	0.509	2.548	69.418
0.053	0.025	0.024	0.015	0.009	0.012	0.008	0.502	2.438	77.364
0.032	0.026	0.017	0.01	0.013	0.014	0.007	0.489	2.516	181.523
0.054	0.036	0.023	0.014	0.015	0.01	0.012	0.515	2.539	89.719
0.057	0.034	0.03	0.021	0.017	0.01	0.019	0.652	2.618	89.177
0.03	0.027	0.019	0.014	0.012	0.008	0.006	0.427	2.436	78.803
0.03	0.016	0.012	0.012	0.009	0.004	0.006	0.329	2.424	124.056
0.039	0.031	0.024	0.011	0.009	0.01	0.006	0.52	2.454	196.982
0.046	0.019	0.021	0.016	0.016	0.01	0	0.413	2.485	67.922
0.045	0.017	0.017	0.017	0.014	0.016	0.006	0.409	2.467	74.92
0.052	0.014	0.018	0.007	0	0	0	0.389	2.336	30.266
0.039	0.022	0.011	0.011	0.009	0.007	0.007	0.366	2.474	203.39
0.037	0.027	0.016	0.012	0.009	0.009	0.006	0.431	2.398	94.58
0.061	0.035	0.031	0.018	0.02	0.015	0	0.644	2.609	74.138
0.043	0.027	0.02	0.013	0.017	0.008	0.006	0.446	2.483	117.43

0.032	0.015	0.012	0.009	0.012	0.016	0	0.293	2.447	64.981
0.058	0.034	0.03	0.018	0.018	0.009	0.013	0.642	2.639	101.754
0.047	0.032	0.022	0.018	0.013	0.011	0.008	0.57	2.796	352.835
0.062	0.026	0.024	0.015	0.01	0.007	0.002	0.52	2.558	62.694
0.025	0.019	0.02	0.013	0.006	0.006	0.009	0.462	2.496	231.421
0.03	0.023	0.012	0.014	0.007	0.011	0.007	0.444	2.278	86.637
0.058	0.035	0.032	0.02	0.017	0.011	0.011	0.695	2.671	105.577
0.057	0.034	0.023	0.019	0.014	0.011	0.008	0.541	2.625	191.48
0.052	0.036	0.022	0.013	0.014	0.011	0.007	0.471	2.504	77.776
0.049	0.03	0.022	0.018	0.013	0.011	0.01	0.669	2.487	317.014
0.056	0.027	0.027	0.016	0.013	0.01	0.007	0.594	2.696	493.035
0.05	0.023	0.017	0.019	0.011	0.012	0.009	0.498	2.252	80.306
0.024	0.015	0.009	0.01	0.012	0.008	0.007	0.355	2.257	57.2
0.044	0.024	0.021	0.017	0.011	0.01	0.009	0.575	2.445	805.059
0.048	0.024	0.02	0.015	0.011	0.01	0.008	0.435	2.612	215.746
0.052	0.036	0.022	0.013	0.014	0.011	0.007	0.471	2.504	79.498
0.053	0.031	0.031	0.014	0.02	0.011	0.008	0.506	2.574	93.978
0.051	0.037	0.023	0.016	0.012	0.011	0.008	0.572	2.73	425.235
0.045	0.032	0.016	0.013	0.014	0.009	0.007	0.513	2.416	187.841
0.056	0.032	0.02	0.019	0.011	0.008	0.006	0.572	2.548	70.277
0.03	0.029	0.015	0.012	0.011	0.007	0.005	0.45	2.508	212.032
0.056	0.032	0.028	0.017	0.016	0.014	0.007	0.497	2.579	94.169



Eig1m	Eig1v	Eig1e	Eig1p	SEigZ	SEigm	SEigv	SEige	SEigp	AEigZ
104.124	122.509	104.242	127.293	0.643	0.641	-2.347	0.631	-3	207.594
112.849	162.151	113.071	173.644	1.286	1.283	-4.694	1.262	-6.001	224.371
64.224	77.203	65.284	80.071	1.218	1.232	-1.756	0.762	-2.207	127.283
68.399	98.98	68.513	105.819	0.643	0.641	-2.347	0.631	-3	136.128
98.03	138.361	105.677	142.053	2.054	2.051	-5.052	1.471	-6.208	194.913
71.078	77.855	71.133	79.792	0.143	0.143	-0.439	0.138	-0.6	142.011
55.081	65.11	55.129	67.585	0.643	0.641	-2.347	0.631	-3	109.513
192.671	296.863	193.846	325.936	3.655	3.894	-14.699	3.479	-20.999	382.894
63.136	88.374	63.218	93.874	0.393	0.392	-1.393	0.385	-1.8	125.856
93.316	106.137	93.41	109.591	0.393	0.392	-1.393	0.385	-1.8	186.263
50.625	61.749	52.202	64.101	1.507	1.527	-1.994	0.806	-2.577	100.477
169.224	214.245	169.594	226.538	1.214	1.212	-4.103	1.183	-5.4	337.256
84.548	115.128	84.862	123.359	1.512	1.544	-5.619	1.466	-7.543	167.886
96.908	131.066	98.02	137.898	1.04	1.053	-1.393	0.594	-1.608	192.807
76.452	98.599	77.541	104.013	0.933	0.947	-0.878	0.486	-1.007	152.019
65.865	83.537	66.889	88.06	1.826	1.838	-4.179	1.363	-5.208	129.953
31.677	46.932	33.457	49.786	1.723	1.751	-1.317	0.833	-1.415	61.727
74.896	102.022	76.087	108.76	1.218	1.232	-1.756	0.762	-2.207	148.815
344.66	456.046	345.338	484.163	2.714	2.709	-9.826	2.662	-12.602	686.642
164.185	187.482	164.348	193.64	0.786	0.784	-2.786	0.769	-3.6	327.572
67.484	72.721	68.548	73.252	0.933	0.947	-0.878	0.486	-1.007	134.175
56.203	67.289	57.235	69.569	1.183	1.196	-1.832	0.732	-2.208	111.276
150.676	181.73	150.827	189.195	0.893	0.891	-3.301	0.878	-4.201	300.465
69.962	82.238	70.029	85.311	0.393	0.392	-1.393	0.385	-1.8	139.522
68.875	99.375	70.828	104.535	1.018	1.018	-1.312	0.455	-1.407	137.432
77.721	110.402	78.08	118.935	1.655	1.687	-6.058	1.604	-8.143	154.142
93.64	109.959	93.833	114.894	0.869	0.903	-3.272	0.835	-4.543	186.559
94.922	146.561	95.15	158.349	1.714	1.711	-6.011	1.676	-7.801	188.088
62.554	85.56	62.63	90.762	0.893	0.891	-3.301	0.878	-4.201	124.194
123.288	173.644	124.542	185.345	1.433	1.445	-2.786	0.979	-3.408	245.361
72.279	92.246	72.442	97.825	0.286	0.285	-0.878	0.276	-1.2	144.263
41.298	47.179	42.175	48.087	1.04	1.053	-1.393	0.594	-1.608	81.605
117.25	138.149	117.386	143.55	1.036	1.034	-3.74	1.016	-4.801	233.452
318.793	421.443	319.397	446.977	1.821	1.818	-6.526	1.785	-8.401	635.695
59.084	73.462	61.056	75.72	2.08	2.107	-2.786	1.189	-3.215	116.196
167.794	204.194	167.876	211.822	1.5	1.496	-5.723	1.48	-7.201	334.051
69.542	74.1	69.578	75.408	0.143	0.143	-0.439	0.138	-0.6	139.722
47.741	79.428	47.827	86.199	1.286	1.283	-4.694	1.262	-6.001	94.165
111.075	121.835	111.099	124.154	1.25	1.247	-4.769	1.233	-6.001	220.89
76.738	108.144	77.797	115.608	1.576	1.588	-3.225	1.117	-4.008	151.936
82.458	122.238	82.593	130.952	0.893	0.891	-3.301	0.878	-4.201	163.986
32.387	47.962	32.43	51.278	0.393	0.392	-1.393	0.385	-1.8	64.365
56.84	71.144	56.961	75.139	0.429	0.428	-1.317	0.414	-1.8	113.492
87.035	107.685	87.144	112.704	0.893	0.891	-3.301	0.878	-4.201	174.54
131.147	191.208	131.329	204.507	2.036	2.031	-7.555	2.002	-9.602	260.231
62.31	78.462	62.405	83.311	1.179	1.176	-4.179	1.154	-5.401	123.434
51.836	60.896	52.856	62.589	1.183	1.196	-1.832	0.732	-2.208	102.544
69.39	95.632	71.373	101.71	1.196	1.196	-1.675	0.623	-2.007	138.536
48.581	62.377	48.678	66.122	0.786	0.784	-2.786	0.769	-3.6	96.369

74.255	120.674	74.406	130.764	0.893	0.891	-3.301	0.878	-4.201	147.573
124.204	166.963	124.364	176.611	0.893	0.891	-3.301	0.878	-4.201	247.478
68.636	92.191	68.715	97.48	1.143	1.14	-4.255	1.124	-5.401	137.485
374.457	521.139	375.248	556.932	2.964	2.958	-10.78	2.909	-13.802	747.764
170.565	213.091	170.976	225.292	1.655	1.687	-6.058	1.604	-8.143	339.719
78.868	119.01	79.048	128.31	1.036	1.034	-3.74	1.016	-4.801	156.668
167.288	206.113	167.375	214.232	1.75	1.746	-6.677	1.726	-8.402	332.786
105.582	116.283	105.606	118.588	1.25	1.247	-4.769	1.233	-6.001	209.904
104.917	114.319	104.938	116.332	1.25	1.247	-4.769	1.233	-6.001	208.575
63.799	85.247	67.307	88.369	0.911	0.911	-0.797	0.347	-0.807	127.308
58.488	79.778	62.063	82.835	0.911	0.911	-0.797	0.347	-0.807	116.686
29.843	54.26	29.955	59.819	0.786	0.784	-2.786	0.769	-3.6	58.938
121.488	180.959	124.872	193.499	1.554	1.552	-3.144	0.978	-3.807	242.28
70.025	83.325	70.107	86.728	0.643	0.641	-2.347	0.631	-3	139.399
82.405	131.781	82.529	142.211	0.893	0.891	-3.301	0.878	-4.201	164.07
88.535	106.694	88.591	110.678	1.036	1.034	-3.74	1.016	-4.801	176.016
32.333	65.033	35.08	72.592	2.161	2.264	-6.072	1.531	-8.435	63.732
59.413	93.857	59.572	101.929	0.786	0.784	-2.786	0.769	-3.6	118.012
71.952	86.684	72.066	90.691	0.536	0.535	-1.832	0.522	-2.4	143.361
72.408	93.416	72.584	99.109	0.536	0.535	-1.832	0.522	-2.4	144.3
175.536	214.485	175.624	222.622	1.5	1.496	-5.723	1.48	-7.201	349.531
110.231	158.605	110.478	169.636	0.786	0.784	-2.786	0.769	-3.6	220.536
86.774	124.372	92.465	128.248	2.054	2.051	-5.052	1.471	-6.208	172.407
144.743	212.59	145.11	229.077	1.179	1.176	-4.179	1.154	-5.401	288.258
46.355	54.815	46.941	56.576	1.411	1.41	-2.705	0.84	-3.207	91.591
107.377	128.807	111.078	131.468	1.893	1.892	-2.185	0.773	-2.214	214.339
96.935	112.355	97.046	116.517	0.393	0.392	-1.393	0.385	-1.8	193.47
68.801	132.271	73.766	136.774	2.768	2.763	-7.989	2.182	-9.809	135.83
76.782	97.543	76.952	103.342	0.286	0.285	-0.878	0.276	-1.2	153.269
75.167	105.791	75.268	112.458	0.786	0.784	-2.786	0.769	-3.6	149.698
130.075	177.302	130.244	187.822	0.893	0.891	-3.301	0.878	-4.201	259.4
37.608	43.187	37.655	44.735	0.429	0.428	-1.317	0.414	-1.8	75.436
78.64	87.088	78.661	88.918	1	0.997	-3.816	0.986	-4.801	156.271
211.167	286.561	211.658	306.669	1.964	1.96	-6.965	1.923	-9.001	420.326
76.51	99.574	76.691	106.106	0.964	0.963	-3.149	0.936	-4.2	152.054
139.5	177.758	141.445	186.563	2.093	2.107	-2.629	1.079	-3.015	278.236
81.792	98.839	81.904	103.288	0.929	0.927	-3.225	0.907	-4.2	162.646
25.694	37.777	30.857	35.392	1.661	1.659	-3.659	1.087	-4.408	50.647
241.745	318.427	243.837	337.26	2.793	2.81	-6.688	2.069	-8.578	481.511
104.958	127.434	105.116	133.44	0.929	0.927	-3.225	0.907	-4.2	208.974
59.129	75.42	59.193	79.182	0.893	0.891	-3.301	0.878	-4.201	118.595
97.025	121.635	97.151	127.57	1.143	1.14	-4.255	1.124	-5.401	194.266
99.321	143.14	99.559	153.094	1.226	1.259	-4.741	1.19	-6.343	197.56
70.09	76.913	70.145	78.861	0.143	0.143	-0.439	0.138	-0.6	140.035
191.523	267.506	191.718	283.12	2.893	2.886	-10.932	2.85	-13.802	380.139
94.044	139.977	94.493	153.938	1.786	1.888	-7.107	1.706	-10.028	186.706
108.987	140.333	110.147	147.162	1.433	1.445	-2.786	0.979	-3.408	216.667
44.306	76.047	44.457	83.518	0.786	0.784	-2.786	0.769	-3.6	87.801
86.639	138.738	98.163	143.311	1.946	1.945	-4.537	1.362	-5.608	171.669
162.14	200.263	162.53	211.437	1.405	1.438	-5.104	1.357	-6.943	323.121

70.118	100.256	70.228	107.048	1.321	1.319	-4.618	1.291	-6.001	138.888
84.635	126.406	85.089	137.726	1.393	1.496	-5.714	1.322	-8.228	168.299
67.894	91.484	72.443	94.335	1.558	1.572	-0.797	0.557	-0.614	134.908
197.003	250.154	197.239	262.65	1.286	1.283	-4.694	1.262	-6.001	392.678
290.778	414.447	291.442	444.777	2.964	2.958	-10.78	2.909	-13.802	578.534
31.697	47.823	31.809	52.847	0.536	0.535	-1.832	0.522	-2.4	62.851
203.324	271.48	203.925	290.25	1.155	1.188	-4.15	1.111	-5.743	405.654
80.321	114.57	80.452	122.249	1.036	1.034	-3.74	1.016	-4.801	159.576
28.072	43.849	28.188	48.074	1.071	1.07	-3.664	1.045	-4.8	55.17
133.001	189.649	134.287	202.754	1.683	1.695	-3.74	1.225	-4.608	264.533
94.555	119.643	95.718	125.778	1.076	1.089	-1.317	0.624	-1.607	188.137
93.64	109.959	93.833	114.894	0.869	0.903	-3.272	0.835	-4.543	186.559
323.36	495.301	323.829	530.59	3.393	3.385	-12.84	3.344	-16.203	643.465
182.401	255.366	182.589	270.361	2.643	2.636	-9.978	2.604	-12.602	362.148
64.984	81.707	65.121	86.385	0.286	0.285	-0.878	0.276	-1.2	129.676
114.813	129.064	114.932	132.958	1.583	1.615	-6.21	1.545	-8.144	228.15
64.649	90.702	64.745	96.619	0.393	0.392	-1.393	0.385	-1.8	128.883
164.838	247.973	165.458	270.113	2.143	2.139	-7.328	2.09	-9.601	327.721
165.194	222.471	166.694	237.323	1.861	1.874	-4.103	1.393	-5.208	328.596
19.565	23.495	19.584	24.482	0.643	0.641	-2.347	0.631	-3	38.484
68.312	101.607	68.582	110.266	1.512	1.544	-5.619	1.466	-7.543	135.245
65.193	86.47	65.267	91.304	0.893	0.891	-3.301	0.878	-4.201	130.831
87.572	114.294	88.796	119.907	1.79	1.801	-4.255	1.334	-5.208	173.402
401.421	613.575	404.46	663.24	3.437	3.462	-7.328	2.509	-9.216	799.561
212.026	334.694	214.397	361.066	2.866	2.891	-5.572	1.958	-6.816	421.39
36.242	47.747	38.109	49.508	2.008	2.036	-2.195	1.109	-2.615	70.716
188.153	251.191	188.617	267.975	2.393	2.389	-8.282	2.336	-10.801	374.077
51.605	63.854	51.664	66.613	0.643	0.641	-2.347	0.631	-3	102.579
164.994	222.357	165.385	237.355	2.071	2.067	-7.48	2.031	-9.601	327.884
77.673	98.195	77.772	103.076	1.143	1.14	-4.255	1.124	-5.401	155.57
191.062	266.103	191.383	283.636	1.929	1.924	-7.041	1.893	-9.001	380.161
85.053	114.157	85.161	121.19	1.786	1.782	-6.601	1.755	-8.401	168.324
95.872	129.808	95.992	137.81	1.786	1.782	-6.601	1.755	-8.401	189.957
64.036	68.474	64.071	69.75	0.143	0.143	-0.439	0.138	-0.6	127.927
267.213	379.994	267.627	403.576	2.536	2.53	-9.463	2.495	-12.002	531.838
157.482	199.429	163.076	203.411	2.887	2.918	-8.4	2.277	-10.751	313.143
87.004	123.016	87.109	130.723	1.143	1.14	-4.255	1.124	-5.401	173.492
41.468	49.399	41.532	51.622	0.143	0.143	-0.439	0.138	-0.6	82.789
62.381	69.384	64.356	69.747	1.437	1.465	-0.439	0.558	-0.215	123.441
114.067	174.382	127.424	176.909	2.446	2.443	-6.445	1.856	-8.008	226.663
32.96	36.15	32.997	36.935	0.286	0.285	-0.878	0.276	-1.2	65.685
74.14	78.435	74.149	79.363	0.5	0.499	-1.908	0.493	-2.4	147.776
131.919	188.105	133.369	203.418	1.611	1.624	-3.149	1.146	-4.008	262.457
71.241	87.833	71.311	91.803	0.643	0.641	-2.347	0.631	-3	141.826
358.898	431.797	359.183	448.625	3.071	3.065	-11.295	3.018	-14.402	715.704
336.632	403.443	336.878	418.892	2.571	2.566	-9.387	2.525	-12.002	671.387
22.476	23.675	22.485	24.022	0.143	0.143	-0.439	0.138	-0.6	44.808
44.198	56.978	44.293	60.517	0.536	0.535	-1.832	0.522	-2.4	87.854
110.575	153.626	110.72	163.255	1.643	1.639	-6.162	1.617	-7.801	219.468
317.108	483.884	317.565	518.11	3.393	3.384	-12.84	3.344	-16.203	630.967

218.798	335.026	219.092	358.353	3.25	3.242	-12.401	3.206	-15.603	434.407
139.192	163.593	140.506	169.883	1.623	1.671	-3.787	1.153	-4.95	277.011
179.888	237.054	180.271	251.858	1.107	1.106	-3.588	1.074	-4.8	358.828
317.693	397.297	318.318	418.839	1.714	1.711	-6.011	1.676	-7.801	633.879
32.831	46.582	32.862	49.45	1.5	1.496	-5.723	1.48	-7.201	64.148
86.778	108.676	86.889	113.95	1.143	1.14	-4.255	1.124	-5.401	173.781
234.791	305.372	247.58	314.462	2.054	2.051	-5.052	1.471	-6.208	467.918
425.32	599.636	425.832	637.132	3.643	3.634	-13.793	3.59	-17.403	848.09
64.159	84.093	71.241	81.761	1.554	1.552	-3.144	0.978	-3.807	127.689
231.427	255.936	231.601	262.454	0.643	0.641	-2.347	0.631	-3	462.228
78.786	93.745	78.903	97.85	0.679	0.678	-2.271	0.66	-3	156.951
177.814	263.19	191.649	269.64	2.554	2.55	-6.959	1.964	-8.608	353.974
164.151	216.608	164.571	231.013	1.214	1.212	-4.103	1.183	-5.4	327.286
63.156	73.071	64.22	74.977	0.933	0.947	-0.878	0.486	-1.007	125.488
56.098	84.225	65.3	84.577	1.482	1.482	-2.553	0.899	-3.207	111.064
493.203	729.76	493.929	774.194	3.5	3.491	-13.354	3.452	-16.803	982.786
117.444	169.75	123.117	178.172	1.911	1.908	-4.613	1.333	-5.608	234.252
114.012	135.672	126.925	130.084	1.411	1.41	-2.705	0.84	-3.207	227.545
56.175	75.761	56.33	81.139	0.536	0.535	-1.832	0.522	-2.4	111.805
181.495	211.732	182.86	218.991	1.433	1.445	-2.786	0.979	-3.408	361.643
31.697	47.823	31.809	52.847	0.536	0.535	-1.832	0.522	-2.4	62.851
122.756	186.506	123.147	202.552	1.714	1.711	-6.011	1.676	-7.801	243.948
69.014	101.143	69.134	108.311	0.643	0.641	-2.347	0.631	-3	137.357
384.592	524.021	388.887	557.447	3.357	3.354	-7.242	2.203	-8.815	767.143
349.373	449.676	350.194	476.761	2.107	2.103	-7.404	2.061	-9.601	696.681
352.866	422.437	353.131	438.394	2.822	2.815	-10.341	2.771	-13.202	703.89
52.384	61.022	52.438	63.359	0.786	0.784	-2.786	0.769	-3.6	103.978
90.996	108.584	91.122	112.361	0.786	0.784	-2.786	0.769	-3.6	182.137
86.937	105.27	87.078	109.088	0.786	0.784	-2.786	0.769	-3.6	174.017
63.799	85.247	67.307	88.369	0.911	0.911	-0.797	0.347	-0.807	127.308
88.489	148.182	102.249	153.617	2.554	2.656	-7.465	1.915	-10.235	175.751
66.813	72.727	66.826	74.008	0.5	0.499	-1.908	0.493	-2.4	133.12
72.279	92.246	72.442	97.825	0.286	0.285	-0.878	0.276	-1.2	144.263
106.459	117.127	106.482	119.425	1.25	1.247	-4.769	1.233	-6.001	211.657
184.532	255.754	184.833	272.365	1.929	1.924	-7.041	1.893	-9.001	367.104
69.418	100.724	75.335	103.065	2.054	2.051	-5.052	1.471	-6.208	137.761
77.364	119.129	90.625	118.209	1.804	1.802	-4.098	1.225	-5.008	153.759
181.495	211.732	182.86	218.991	1.433	1.445	-2.786	0.979	-3.408	361.643
89.608	123.591	90.017	133.19	1.845	1.912	-7.059	1.779	-9.686	177.785
89.179	91.879	89.185	92.451	0.5	0.499	-1.908	0.493	-2.4	177.855
78.813	107.191	78.974	114.405	1.179	1.176	-4.179	1.154	-5.401	156.428
124.07	156.161	124.184	163.447	0.393	0.392	-1.393	0.385	-1.8	247.719
197.003	250.154	197.239	262.65	1.286	1.283	-4.694	1.262	-6.001	392.678
67.894	91.484	72.443	94.335	1.558	1.572	-0.797	0.557	-0.614	134.908
74.896	102.022	76.087	108.76	1.218	1.232	-1.756	0.762	-2.207	148.815
30.219	44.475	31.996	47.048	1.723	1.751	-1.317	0.833	-1.415	58.81
203.324	271.48	203.925	290.25	1.155	1.188	-4.15	1.111	-5.743	405.654
94.555	119.643	95.718	125.778	1.076	1.089	-1.317	0.624	-1.607	188.137
74.14	78.435	74.149	79.363	0.5	0.499	-1.908	0.493	-2.4	147.776
117.444	169.75	123.117	178.172	1.911	1.908	-4.613	1.333	-5.608	234.252

64.984	81.707	65.121	86.385	0.286	0.285	-0.878	0.276	-1.2	129.676
101.758	109.953	101.776	111.715	1	0.997	-3.816	0.986	-4.801	202.509
352.866	422.437	353.131	438.395	2.822	2.815	-10.341	2.771	-13.202	703.89
62.694	94.928	69.646	96.445	2.679	2.677	-4.971	1.542	-5.815	124.435
231.427	255.936	231.601	262.454	0.643	0.641	-2.347	0.631	-3	462.228
86.639	138.738	98.163	143.311	1.946	1.945	-4.537	1.362	-5.608	171.669
105.582	116.283	105.606	118.588	1.25	1.247	-4.769	1.233	-6.001	209.904
191.523	267.506	191.718	283.12	2.893	2.886	-10.932	2.85	-13.802	380.139
77.721	110.402	78.08	118.935	1.655	1.687	-6.058	1.604	-8.143	154.142
317.108	483.884	317.565	518.11	3.393	3.384	-12.84	3.344	-16.203	630.967
493.203	729.76	493.929	774.194	3.5	3.491	-13.354	3.452	-16.803	982.786
80.321	114.57	80.452	122.249	1.036	1.034	-3.74	1.016	-4.801	159.576
57.196	86.05	66.424	86.574	1.482	1.482	-2.553	0.899	-3.207	113.26
805.125	1095.138	807.42	1174.655	4.571	4.562	-16.277	4.476	-21.003	1605.547
215.814	331.973	216.109	355.291	3.25	3.242	-12.4	3.206	-15.603	428.44
79.443	108.175	79.743	115.873	1.512	1.544	-5.619	1.466	-7.543	157.676
93.929	133.485	94.273	143.602	1.762	1.794	-6.573	1.713	-8.744	186.424
425.32	599.635	425.832	637.132	3.643	3.634	-13.793	3.59	-17.403	848.09
187.857	251.044	188.329	267.805	2.393	2.389	-8.282	2.336	-10.801	373.485
70.278	103.928	76.162	107.322	2.304	2.301	-6.006	1.718	-7.408	139.178
212.026	334.694	214.397	361.066	2.866	2.891	-5.572	1.958	-6.816	421.39
94.117	132.28	94.468	142.227	1.762	1.794	-6.573	1.713	-8.744	186.805

AEigm	AEigv	AEige	AEigp	VEA1	VEA2	VRA1	VRA2	VED1	VED2
207.606	247.364	207.854	257.586	4.205	0.168	25.437	1.017	4.924	0.197
224.414	328.996	224.88	353.289	3.797	0.158	23.453	0.977	4.804	0.2
127.216	156.163	129.807	162.35	4.169	0.19	24.407	1.109	4.621	0.21
136.157	200.307	136.395	214.638	3.473	0.193	17.478	0.971	4.174	0.232
194.922	281.773	209.882	290.315	4.036	0.161	25.427	1.017	4.926	0.197
142.014	156.149	142.127	160.184	3.942	0.188	22.425	1.068	4.506	0.215
109.521	132.567	109.628	138.17	4.101	0.205	22.395	1.12	4.418	0.221
381.655	608.425	384.414	672.872	5.397	0.146	39.406	1.065	5.992	0.162
125.881	178.142	126.051	189.548	3.927	0.207	19.455	1.024	4.289	0.226
186.271	213.667	186.463	220.983	3.892	0.169	25.409	1.105	4.722	0.205
100.466	125.492	103.648	130.78	3.948	0.208	20.43	1.075	4.297	0.226
337.278	432.594	338.045	458.477	4.365	0.132	35.391	1.072	5.647	0.171
167.742	235.875	168.444	254.262	4.254	0.177	26.398	1.1	4.819	0.201
192.763	263.524	195.445	277.404	3.991	0.166	25.435	1.06	4.821	0.201
151.958	198.076	154.596	209.478	4.027	0.183	23.422	1.065	4.61	0.21
129.894	171.254	132.414	181.328	4.198	0.191	23.421	1.065	4.62	0.21
61.604	95.181	66.082	100.987	3.497	0.25	14.458	1.033	3.697	0.264
148.752	205.8	151.598	219.727	4.325	0.188	25.415	1.105	4.721	0.205
686.716	924.685	688.132	984.998	6.099	0.12	53.432	1.048	7.062	0.138
327.586	378.578	327.927	392.418	4.186	0.131	35.407	1.106	5.573	0.174
134.1	146.321	136.686	147.512	4.21	0.191	24.413	1.11	4.621	0.21
111.209	136.41	113.737	141.346	4.014	0.201	21.423	1.071	4.408	0.22
300.49	366.76	300.805	382.59	3.967	0.142	30.418	1.086	5.207	0.186
139.531	169.076	139.673	177.452	3.942	0.188	22.425	1.068	4.506	0.215
137.459	200.061	141.2	210.477	4.024	0.192	22.437	1.068	4.514	0.215
154.001	226.861	154.791	246.337	4.149	0.18	24.409	1.061	4.717	0.205
186.378	223.787	186.831	235.461	3.928	0.164	25.407	1.059	4.796	0.2
188.135	299.133	188.624	324.498	3.537	0.154	23.442	1.019	4.721	0.205
124.217	176.384	124.382	189.199	3.995	0.19	23.385	1.114	4.508	0.215
245.323	350.075	248.29	374.097	4.215	0.162	27.434	1.055	4.991	0.192
144.272	185.371	144.608	197.288	3.942	0.188	22.425	1.068	4.506	0.215
81.544	95.752	83.755	97.782	3.565	0.223	16.43	1.027	3.946	0.247
233.467	280.037	233.756	291.901	3.691	0.154	24.454	1.019	4.833	0.201
635.769	849.412	637.01	902.354	4.895	0.106	48.438	1.053	6.683	0.145
116.062	149.709	120.923	154.654	4.149	0.198	22.419	1.068	4.52	0.215
334.092	414.112	334.272	430.845	4.065	0.135	30.421	1.014	5.381	0.179
139.724	149.426	139.802	152.204	3.886	0.185	23.383	1.113	4.497	0.214
94.199	163.549	94.392	178.399	3.257	0.217	13.489	0.899	3.802	0.253
220.904	248.439	220.965	254.309	4.508	0.167	29.363	1.088	5.111	0.189
151.889	219.513	154.477	235.223	3.552	0.178	19.451	0.973	4.402	0.22
164.026	247.778	164.309	266.104	3.593	0.189	18.48	0.973	4.279	0.225
64.381	97.317	64.475	104.356	3.188	0.245	12.474	0.96	3.553	0.273
113.498	144.885	113.747	154.399	4.111	0.206	22.409	1.12	4.414	0.221
174.556	220.111	174.781	231.86	4.29	0.172	29.351	1.174	4.914	0.197
260.293	389.971	260.682	418.615	4.326	0.144	30.411	1.014	5.369	0.179
123.445	161.103	123.657	172.023	4.086	0.195	22.426	1.068	4.511	0.215
102.476	123.624	104.979	127.386	3.948	0.208	20.43	1.075	4.297	0.226
138.545	192.939	142.309	205.435	4.193	0.191	24.412	1.11	4.617	0.21
96.378	127.539	96.587	136.282	3.974	0.209	20.415	1.074	4.304	0.227

147.619	244.649	147.934	265.728	3.523	0.185	18.477	0.972	4.284	0.225
247.518	337.226	247.851	357.423	3.778	0.145	26.431	1.017	5.012	0.193
137.509	190.072	137.679	202.599	4.202	0.183	26.352	1.146	4.724	0.205
747.863	1064.308	749.515	1143.035	6.702	0.126	55.431	1.046	7.206	0.136
339.538	432.469	340.437	459.605	5.116	0.165	34.406	1.11	5.494	0.177
156.703	241.761	157.08	261.421	3.633	0.191	18.477	0.972	4.284	0.225
332.831	418.903	333.025	436.865	4.065	0.135	30.421	1.014	5.381	0.179
209.918	237.335	209.979	243.176	4.418	0.17	28.366	1.091	5.014	0.193
208.588	233.407	208.643	238.665	4.418	0.17	28.366	1.091	5.014	0.193
127.31	171.291	134.377	178.25	3.796	0.19	21.421	1.071	4.397	0.22
116.688	160.352	123.889	167.183	3.902	0.195	21.419	1.071	4.406	0.22
58.96	111.306	59.197	123.239	3.352	0.258	12.479	0.96	3.558	0.274
242.316	365.062	248.951	392.325	4.328	0.16	29.417	1.09	5.092	0.189
139.409	169.808	139.584	177.964	3.607	0.19	20.418	1.075	4.291	0.226
164.124	266.862	164.38	288.623	4.275	0.186	24.439	1.063	4.721	0.205
176.037	217.425	176.167	227.391	4.415	0.17	28.4	1.092	5.018	0.193
63.204	136.138	68.63	154.147	3.508	0.234	15.44	1.029	3.819	0.255
118.041	190.5	118.374	207.459	3.75	0.208	17.458	0.97	4.179	0.232
143.369	175.201	143.609	183.782	3.465	0.182	19.441	1.023	4.291	0.226
144.311	188.664	144.674	200.619	4.079	0.204	20.44	1.022	4.41	0.22
349.576	434.693	349.768	452.446	4.214	0.136	31.417	1.013	5.473	0.177
220.578	320.626	221.088	343.49	4.572	0.169	30.412	1.126	5.124	0.19
172.419	253.797	183.46	262.705	4.066	0.177	23.436	1.019	4.728	0.206
288.309	429.358	289.067	463.554	4.39	0.169	26.461	1.018	5.019	0.193
91.597	112.335	93.042	116.359	3.443	0.215	15.429	0.964	3.928	0.245
214.348	259.799	221.41	265.149	3.953	0.158	26.436	1.057	4.935	0.197
193.479	226.102	193.708	234.834	4.158	0.173	24.439	1.018	4.828	0.201
135.883	272.53	145.456	283.476	4.018	0.183	23.386	1.063	4.613	0.21
153.278	195.964	153.627	208.322	4.045	0.184	23.423	1.065	4.617	0.21
149.729	214.876	149.948	229.257	4.373	0.208	23.412	1.115	4.528	0.216
259.445	358.47	259.799	380.659	4.138	0.143	32.399	1.117	5.31	0.183
75.439	87.951	75.544	91.479	3.713	0.232	18.408	1.151	3.958	0.247
156.283	178.23	156.335	183.572	4.121	0.179	24.416	1.062	4.723	0.205
420.373	580.086	421.394	622.338	4.155	0.122	35.43	1.042	5.73	0.169
152.066	202.297	152.454	216.514	4.076	0.177	24.418	1.062	4.726	0.205
278.186	358.145	281.996	376.172	4.719	0.169	31.419	1.122	5.223	0.187
162.658	200.903	162.902	210.777	3.837	0.183	22.433	1.068	4.506	0.215
50.643	79.431	60.628	76.048	3.407	0.243	14.442	1.032	3.693	0.264
481.531	643.579	485.796	683.345	4.587	0.107	48.366	1.125	6.473	0.151
208.988	258.14	209.325	271.349	4.185	0.161	28.39	1.092	5.019	0.193
118.611	156.452	118.744	165.795	4.115	0.196	24.363	1.16	4.524	0.215
194.287	248.968	194.547	262.796	4.287	0.165	30.351	1.167	5.008	0.193
197.405	291.02	197.948	312.531	4.616	0.192	26.428	1.101	4.832	0.201
140.038	154.266	140.152	158.323	3.942	0.188	22.425	1.068	4.506	0.215
380.231	545.943	380.655	580.043	4.977	0.128	42.371	1.086	6.144	0.158
186.2	287.06	187.279	317.904	3.739	0.17	21.451	0.975	4.593	0.209
216.616	283.451	219.397	297.731	4.425	0.164	29.41	1.089	5.101	0.189
87.828	154.88	88.145	170.636	3.537	0.221	15.457	0.966	3.945	0.247
171.677	282.064	194.965	292.567	3.337	0.159	20.479	0.975	4.516	0.215
322.938	405.858	323.793	430.694	4.798	0.16	33.415	1.114	5.405	0.18

138.917	205.13	139.165	220.096	4.06	0.193	21.436	1.021	4.512	0.215
167.774	258.525	168.855	283.681	4.148	0.189	22.444	1.02	4.613	0.21
134.84	183.766	144.439	189.993	3.882	0.185	22.418	1.068	4.503	0.214
392.723	505.002	393.216	531.302	3.932	0.119	33.431	1.013	5.662	0.172
578.624	848.274	579.987	915.83	6.087	0.135	46.435	1.032	6.623	0.147
62.858	97.832	63.095	109.097	3.368	0.241	14.441	1.031	3.691	0.264
405.489	547.11	406.767	586.243	4.128	0.121	37.423	1.101	5.73	0.169
159.608	232.88	159.888	249.298	3.633	0.191	18.477	0.972	4.284	0.225
55.179	91.361	55.422	100.948	3.456	0.247	14.418	1.03	3.695	0.264
264.5	383.037	267.533	410.115	4.225	0.156	28.434	1.053	5.093	0.189
188.075	240.602	190.863	253.162	3.648	0.166	22.443	1.02	4.619	0.21
186.378	223.787	186.831	235.461	3.928	0.164	25.407	1.059	4.796	0.2
643.665	1003.442	644.638	1079.232	6.272	0.121	53.395	1.027	7.115	0.137
362.237	520.709	362.644	553.324	4.945	0.13	41.372	1.089	6.068	0.16
129.683	164.292	129.966	174.408	3.911	0.196	21.426	1.071	4.393	0.22
228.011	264.338	228.318	274.06	4.552	0.163	30.352	1.084	5.204	0.186
128.907	182.798	129.106	195.038	3.748	0.197	19.458	1.024	4.285	0.226
327.767	503.274	329.047	549.826	4.718	0.131	38.4	1.067	5.886	0.164
328.544	449.045	332.023	479.853	4.061	0.135	33.419	1.114	5.407	0.18
38.488	49.336	38.537	51.965	2.902	0.29	9.457	0.946	3.111	0.311
135.079	208.834	135.699	228.074	4.111	0.187	23.405	1.064	4.609	0.209
130.852	177.663	131.007	189.016	4.151	0.189	25.362	1.153	4.62	0.21
173.343	232.842	176.257	245.021	4.047	0.162	26.406	1.056	4.906	0.196
799.572	1234.478	806.596	1335.696	4.222	0.086	54.415	1.111	6.9	0.141
421.354	674.96	427.021	728.947	4.185	0.116	39.415	1.095	5.904	0.164
70.585	97.689	75.241	101.631	3.692	0.231	16.439	1.027	3.946	0.247
374.114	510.665	375.088	546.751	4.238	0.128	34.431	1.043	5.657	0.171
102.591	130.055	102.717	136.227	3.694	0.217	17.452	1.027	4.06	0.239
327.921	452.193	328.74	484.312	4.253	0.133	33.391	1.043	5.516	0.172
155.589	202.077	155.796	213.788	4.222	0.176	27.352	1.14	4.813	0.201
380.229	539.246	380.899	576.272	4.295	0.123	36.411	1.04	5.817	0.166
168.353	234.914	168.593	250.78	4.24	0.17	25.408	1.016	4.923	0.197
189.991	266.217	190.256	284.021	4.223	0.162	26.412	1.016	5.012	0.193
127.929	137.388	128.004	140.1	3.911	0.196	21.426	1.071	4.393	0.22
531.957	769.45	532.815	819.153	5.068	0.115	48.38	1.1	6.52	0.148
312.964	407.258	323.876	417.572	4.438	0.134	33.416	1.013	5.639	0.171
173.529	250.866	173.756	267.642	3.294	0.15	24.397	1.109	4.629	0.21
82.793	99.237	82.927	103.845	3.435	0.245	13.484	0.963	3.685	0.263
123.296	139.208	128.155	139.708	4.011	0.201	21.422	1.071	4.403	0.22
226.665	355.208	253.043	361.827	4.471	0.16	29.44	1.051	5.215	0.186
65.687	73.178	65.769	75.07	3.61	0.241	16.426	1.095	3.83	0.255
147.782	158.777	147.806	161.127	4.183	0.199	23.382	1.113	4.516	0.215
262.405	379.358	265.778	410.843	3.574	0.137	28.439	1.094	5.033	0.194
141.84	178.014	141.992	186.606	3.851	0.193	20.436	1.022	4.393	0.22
715.774	876.958	716.398	915.409	5.183	0.086	67.333	1.122	7.639	0.127
671.453	816.679	671.989	850.908	4.974	0.087	64.336	1.129	7.447	0.131
44.809	47.79	44.833	48.644	3.251	0.296	12.416	1.129	3.302	0.3
87.861	116.668	88.064	125.207	3.892	0.216	19.422	1.079	4.19	0.233
219.511	313.414	219.823	334.311	4.53	0.156	30.4	1.048	5.29	0.182
631.161	980.607	632.11	1054.273	6.295	0.123	52.395	1.027	7.046	0.138



434.551	682.667	435.174	732.977	5.12	0.122	47.378	1.128	6.375	0.152
276.743	330.973	279.887	344.717	3.809	0.146	27.44	1.055	5.023	0.193
358.863	477.697	359.654	508.517	4.961	0.146	38.401	1.129	5.724	0.168
633.92	800.604	635.197	845.478	4.251	0.094	48.429	1.076	6.606	0.147
64.166	98.888	64.244	106.102	3.092	0.258	10.491	0.874	3.407	0.284
173.8	223.045	174.032	235.545	4.29	0.172	29.351	1.174	4.914	0.197
467.93	615.795	493.722	635.132	4.734	0.118	42.422	1.061	6.229	0.156
848.269	1214.228	849.337	1292.824	5.22	0.084	67.345	1.086	7.743	0.125
127.683	171.329	141.504	167.329	3.751	0.188	20.433	1.022	4.397	0.22
462.243	514.218	462.599	527.908	4.08	0.117	37.421	1.069	5.83	0.167
156.959	189.761	157.206	198.701	4.003	0.174	24.415	1.062	4.712	0.205
354.002	533.528	381.335	548.509	4.386	0.125	36.435	1.041	5.821	0.166
327.311	437.32	328.173	467.427	3.617	0.129	30.428	1.087	5.222	0.186
125.418	147.021	128.005	150.961	3.842	0.202	19.452	1.024	4.283	0.225
111.057	171.004	129.701	172.361	3.055	0.18	16.491	0.97	4.068	0.239
983.129	1473.647	984.614	1566.453	4.542	0.083	61.362	1.116	7.301	0.133
234.284	344.363	244.901	364.245	4.456	0.154	30.412	1.049	5.28	0.182
227.527	274.049	253.01	263.376	4.288	0.159	29.424	1.09	5.124	0.19
111.815	153.354	112.138	164.679	3.506	0.206	16.465	0.969	4.065	0.239
361.574	426.25	364.77	441.39	4.438	0.131	36.416	1.071	5.741	0.169
62.858	97.832	63.095	109.097	3.368	0.241	14.441	1.031	3.691	0.264
243.992	379.077	244.804	413.243	4.433	0.158	30.415	1.086	5.207	0.186
137.387	204.632	137.636	219.623	3.511	0.185	19.452	1.024	4.295	0.226
767.223	1055.284	775.572	1124.611	5.967	0.119	52.431	1.049	6.951	0.139
696.732	906.755	698.413	963.123	4.848	0.099	52.422	1.07	6.896	0.141
703.957	857.283	704.539	893.747	5.153	0.087	66.334	1.124	7.575	0.128
103.984	124.83	104.108	130.319	3.742	0.197	20.412	1.074	4.291	0.226
182.154	220.58	182.419	228.936	4.428	0.184	26.405	1.1	4.824	0.201
174.036	213.953	174.332	222.391	4.402	0.183	26.401	1.1	4.819	0.201
127.31	171.291	134.377	178.25	3.796	0.19	21.421	1.071	4.397	0.22
175.155	303.829	202.631	317.47	4.216	0.169	26.429	1.057	4.928	0.197
133.127	147.361	133.158	150.417	4.028	0.201	22.393	1.12	4.407	0.22
144.272	185.371	144.608	197.288	3.942	0.188	22.425	1.068	4.506	0.215
211.671	239.023	211.732	244.851	4.418	0.17	28.366	1.091	5.014	0.193
367.169	518.549	367.799	553.732	4.27	0.126	35.412	1.042	5.727	0.168
137.766	206.499	149.248	212.337	3.901	0.17	24.405	1.061	4.727	0.206
153.76	242.356	180.075	241.425	4.317	0.18	25.422	1.059	4.827	0.201
361.574	426.25	364.77	441.39	4.438	0.131	36.416	1.071	5.741	0.169
177.495	254.241	178.44	276.065	4.273	0.171	26.4	1.056	4.918	0.197
177.859	185.666	177.876	187.303	4.29	0.187	25.379	1.103	4.717	0.205
156.449	218.561	156.795	234.211	3.984	0.181	23.427	1.065	4.611	0.21
247.748	313.714	247.984	328.694	4.323	0.154	29.431	1.051	5.188	0.185
392.723	505.002	393.216	531.302	3.932	0.119	33.431	1.013	5.662	0.172
134.84	183.766	144.439	189.993	3.882	0.185	22.418	1.068	4.503	0.214
148.752	205.8	151.598	219.727	4.325	0.188	25.415	1.105	4.721	0.205
58.686	90.267	63.159	95.511	3.497	0.25	14.458	1.033	3.697	0.264
405.489	547.11	406.767	586.243	4.128	0.121	37.423	1.101	5.73	0.169
188.075	240.602	190.863	253.162	3.648	0.166	22.443	1.02	4.619	0.21
147.782	158.777	147.806	161.127	4.183	0.199	23.382	1.113	4.516	0.215
234.284	344.363	244.901	364.245	4.456	0.154	30.412	1.049	5.28	0.182

129.683	164.292	129.966	174.408	3.911	0.196	21.426	1.071	4.393	0.22
202.519	223.721	202.566	228.231	4.376	0.175	27.373	1.095	4.913	0.197
703.957	857.283	704.538	893.748	5.153	0.087	66.334	1.124	7.575	0.128
124.44	194.826	137.8	198.705	3.817	0.174	23.403	1.064	4.627	0.21
462.243	514.218	462.599	527.908	4.08	0.117	37.421	1.069	5.83	0.167
171.677	282.064	194.965	292.567	3.337	0.159	20.479	0.975	4.516	0.215
209.918	237.335	209.979	243.176	4.418	0.17	28.366	1.091	5.014	0.193
380.231	545.943	380.655	580.043	4.977	0.128	42.371	1.086	6.144	0.158
154.001	226.861	154.791	246.337	4.149	0.18	24.409	1.061	4.717	0.205
631.161	980.607	632.11	1054.273	6.295	0.123	52.395	1.027	7.046	0.138
983.128	1473.647	984.614	1566.453	4.542	0.083	61.362	1.116	7.301	0.133
159.608	232.88	159.888	249.298	3.633	0.191	18.477	0.972	4.284	0.225
113.253	174.653	131.949	176.356	3.055	0.18	16.491	0.97	4.068	0.239
1605.688	2206.552	1610.363	2370.313	6.191	0.073	84.41	0.993	9.17	0.108
428.584	676.561	429.206	726.855	5.135	0.122	47.376	1.128	6.377	0.152
157.533	221.968	158.205	239.29	4.149	0.18	24.409	1.061	4.717	0.205
186.293	273.543	187.053	295.947	4.362	0.168	28.39	1.092	5.011	0.193
848.269	1214.228	849.337	1292.824	5.22	0.084	67.345	1.086	7.743	0.125
373.522	510.37	374.511	546.411	4.24	0.128	34.431	1.043	5.659	0.171
139.184	214.043	150.607	222.737	3.942	0.171	24.404	1.061	4.726	0.205
421.354	674.96	427.021	728.947	4.185	0.116	39.415	1.095	5.904	0.164
186.671	271.133	187.443	293.198	4.359	0.168	28.389	1.092	5.011	0.193

VRD1	VRD2	VEZ1	VEZ2	VRZ1	VRZ2	VEm1	VEm2	VRm1	VRm2
25.543	1.022	4.925	0.197	25.545	1.022	4.925	0.197	25.545	1.022
23.561	0.982	4.786	0.199	23.564	0.982	4.786	0.199	23.564	0.982
24.491	1.113	4.627	0.21	24.487	1.113	4.627	0.21	24.487	1.113
17.563	0.976	4.167	0.232	17.564	0.976	4.167	0.232	17.564	0.976
25.541	1.022	4.916	0.197	25.534	1.021	4.916	0.197	25.534	1.021
22.514	1.072	4.505	0.215	22.514	1.072	4.505	0.215	22.514	1.072
22.495	1.125	4.418	0.221	22.495	1.125	4.418	0.221	22.495	1.125
39.51	1.068	5.999	0.162	39.506	1.068	6	0.162	39.505	1.068
19.532	1.028	4.287	0.226	19.535	1.028	4.287	0.226	19.535	1.028
25.481	1.108	4.726	0.205	25.477	1.108	4.726	0.205	25.477	1.108
20.508	1.079	4.313	0.227	20.497	1.079	4.313	0.227	20.497	1.079
35.511	1.076	5.649	0.171	35.507	1.076	5.649	0.171	35.507	1.076
26.499	1.104	4.81	0.2	26.497	1.104	4.81	0.2	26.497	1.104
25.506	1.063	4.827	0.201	25.503	1.063	4.827	0.201	25.503	1.063
23.519	1.069	4.608	0.209	23.517	1.069	4.608	0.209	23.517	1.069
23.521	1.069	4.635	0.211	23.508	1.069	4.635	0.211	23.508	1.069
14.529	1.038	3.695	0.264	14.52	1.037	3.695	0.264	14.52	1.037
25.491	1.108	4.719	0.205	25.489	1.108	4.719	0.205	25.489	1.108
53.499	1.049	7.062	0.138	53.495	1.049	7.062	0.138	53.495	1.049
35.472	1.109	5.586	0.175	35.47	1.108	5.586	0.175	35.47	1.108
24.488	1.113	4.627	0.21	24.484	1.113	4.627	0.21	24.484	1.113
21.514	1.076	4.418	0.221	21.506	1.075	4.419	0.221	21.506	1.075
30.49	1.089	5.223	0.187	30.484	1.089	5.223	0.187	30.484	1.089
22.514	1.072	4.503	0.214	22.514	1.072	4.503	0.214	22.514	1.072
22.507	1.072	4.505	0.215	22.51	1.072	4.505	0.215	22.51	1.072
24.523	1.066	4.705	0.205	24.522	1.066	4.705	0.205	24.522	1.066
25.528	1.064	4.801	0.2	25.526	1.064	4.801	0.2	25.525	1.064
23.536	1.023	4.729	0.206	23.534	1.023	4.729	0.206	23.534	1.023
23.506	1.119	4.51	0.215	23.504	1.119	4.51	0.215	23.504	1.119
27.515	1.058	4.999	0.192	27.511	1.058	4.999	0.192	27.511	1.058
22.514	1.072	4.503	0.214	22.515	1.072	4.503	0.214	22.515	1.072
16.547	1.034	3.949	0.247	16.537	1.034	3.949	0.247	16.537	1.034
24.521	1.022	4.841	0.202	24.518	1.022	4.841	0.202	24.518	1.022
48.498	1.054	6.694	0.146	48.496	1.054	6.694	0.146	48.496	1.054
22.519	1.072	4.533	0.216	22.508	1.072	4.533	0.216	22.508	1.072
30.545	1.018	5.382	0.179	30.541	1.018	5.382	0.179	30.541	1.018
23.5	1.119	4.497	0.214	23.5	1.119	4.497	0.214	23.5	1.119
13.614	0.908	3.809	0.254	13.611	0.907	3.809	0.254	13.611	0.907
29.52	1.093	5.127	0.19	29.513	1.093	5.127	0.19	29.513	1.093
19.567	0.978	4.396	0.22	19.565	0.978	4.396	0.22	19.565	0.978
18.558	0.977	4.269	0.225	18.561	0.977	4.269	0.225	18.561	0.977
12.582	0.968	3.54	0.272	12.592	0.969	3.54	0.272	12.592	0.969
22.484	1.124	4.42	0.221	22.482	1.124	4.42	0.221	22.482	1.124
29.463	1.179	4.917	0.197	29.458	1.178	4.917	0.197	29.458	1.178
30.553	1.018	5.368	0.179	30.548	1.018	5.368	0.179	30.548	1.018
22.516	1.072	4.525	0.215	22.506	1.072	4.525	0.215	22.506	1.072
20.508	1.079	4.31	0.227	20.499	1.079	4.31	0.227	20.499	1.079
24.49	1.113	4.611	0.21	24.492	1.113	4.611	0.21	24.492	1.113
20.517	1.08	4.313	0.227	20.51	1.079	4.313	0.227	20.51	1.079

18.562	0.977	4.277	0.225	18.563	0.977	4.277	0.225	18.563	0.977
26.53	1.02	5.007	0.193	26.529	1.02	5.007	0.193	26.529	1.02
26.496	1.152	4.736	0.206	26.488	1.152	4.736	0.206	26.488	1.152
55.498	1.047	7.207	0.136	55.495	1.047	7.207	0.136	55.495	1.047
34.472	1.112	5.506	0.178	34.468	1.112	5.506	0.178	34.468	1.112
18.56	0.977	4.276	0.225	18.562	0.977	4.276	0.225	18.562	0.977
30.545	1.018	5.383	0.179	30.54	1.018	5.383	0.179	30.54	1.018
28.516	1.097	5.03	0.193	28.508	1.096	5.03	0.193	28.508	1.096
28.516	1.097	5.029	0.193	28.507	1.096	5.029	0.193	28.507	1.096
21.514	1.076	4.382	0.219	21.518	1.076	4.382	0.219	21.518	1.076
21.518	1.076	4.393	0.22	21.525	1.076	4.393	0.22	21.525	1.076
12.578	0.968	3.551	0.273	12.58	0.968	3.551	0.273	12.58	0.968
29.496	1.092	5.087	0.188	29.496	1.092	5.087	0.188	29.496	1.092
20.511	1.08	4.289	0.226	20.511	1.08	4.289	0.226	20.511	1.08
24.51	1.066	4.721	0.205	24.51	1.066	4.721	0.205	24.51	1.066
28.51	1.097	5.023	0.193	28.506	1.096	5.023	0.193	28.506	1.096
15.544	1.036	3.817	0.254	15.549	1.037	3.818	0.255	15.548	1.037
17.575	0.976	4.164	0.231	17.579	0.977	4.164	0.231	17.579	0.977
19.539	1.028	4.285	0.226	19.54	1.028	4.285	0.226	19.54	1.028
20.537	1.027	4.403	0.22	20.538	1.027	4.403	0.22	20.538	1.027
31.545	1.018	5.473	0.177	31.542	1.017	5.473	0.177	31.542	1.017
30.467	1.128	5.126	0.19	30.463	1.128	5.126	0.19	30.463	1.128
23.54	1.023	4.726	0.205	23.528	1.023	4.726	0.205	23.528	1.023
26.522	1.02	5.003	0.192	26.523	1.02	5.003	0.192	26.523	1.02
15.596	0.975	3.928	0.245	15.586	0.974	3.928	0.245	15.586	0.974
26.511	1.06	4.932	0.197	26.51	1.06	4.932	0.197	26.51	1.06
24.542	1.023	4.83	0.201	24.544	1.023	4.83	0.201	24.544	1.023
23.538	1.07	4.627	0.21	23.529	1.07	4.627	0.21	23.529	1.07
23.517	1.069	4.615	0.21	23.519	1.069	4.615	0.21	23.519	1.069
23.476	1.118	4.527	0.216	23.472	1.118	4.527	0.216	23.472	1.118
32.472	1.12	5.314	0.183	32.468	1.12	5.314	0.183	32.468	1.12
18.459	1.154	3.953	0.247	18.461	1.154	3.953	0.247	18.461	1.154
24.516	1.066	4.73	0.206	24.513	1.066	4.73	0.206	24.513	1.066
35.517	1.045	5.736	0.169	35.512	1.044	5.736	0.169	35.512	1.044
24.524	1.066	4.718	0.205	24.526	1.066	4.718	0.205	24.526	1.066
31.462	1.124	5.234	0.187	31.456	1.123	5.234	0.187	31.456	1.123
22.513	1.072	4.498	0.214	22.512	1.072	4.498	0.214	22.512	1.072
14.542	1.039	3.706	0.265	14.52	1.037	3.706	0.265	14.52	1.037
48.474	1.127	6.475	0.151	48.472	1.127	6.475	0.151	48.472	1.127
28.507	1.096	5.015	0.193	28.508	1.096	5.015	0.193	28.508	1.096
24.482	1.166	4.532	0.216	24.478	1.166	4.532	0.216	24.478	1.166
30.466	1.172	5.008	0.193	30.463	1.172	5.008	0.193	30.463	1.172
26.476	1.103	4.843	0.202	26.475	1.103	4.844	0.202	26.475	1.103
22.514	1.072	4.504	0.214	22.514	1.072	4.504	0.214	22.514	1.072
42.507	1.09	6.138	0.157	42.505	1.09	6.138	0.157	42.505	1.09
21.564	0.98	4.586	0.208	21.563	0.98	4.587	0.208	21.563	0.98
29.504	1.093	5.107	0.189	29.499	1.093	5.108	0.189	29.499	1.093
15.581	0.974	3.934	0.246	15.584	0.974	3.934	0.246	15.584	0.974
20.554	0.979	4.51	0.215	20.554	0.979	4.51	0.215	20.554	0.979
33.468	1.116	5.415	0.181	33.465	1.115	5.416	0.181	33.465	1.115

21.544	1.026	4.517	0.215	21.545	1.026	4.517	0.215	21.545	1.026
22.536	1.024	4.607	0.209	22.537	1.024	4.608	0.209	22.536	1.024
22.519	1.072	4.488	0.214	22.521	1.072	4.488	0.214	22.521	1.072
33.53	1.016	5.679	0.172	33.527	1.016	5.679	0.172	33.527	1.016
46.508	1.034	6.624	0.147	46.503	1.033	6.624	0.147	46.503	1.033
14.543	1.039	3.693	0.264	14.542	1.039	3.693	0.264	14.542	1.039
37.479	1.102	5.739	0.169	37.477	1.102	5.739	0.169	37.476	1.102
18.56	0.977	4.275	0.225	18.561	0.977	4.275	0.225	18.561	0.977
14.564	1.04	3.698	0.264	14.558	1.04	3.698	0.264	14.558	1.04
28.515	1.056	5.105	0.189	28.509	1.056	5.105	0.189	28.509	1.056
22.533	1.024	4.617	0.21	22.533	1.024	4.617	0.21	22.533	1.024
25.528	1.064	4.801	0.2	25.526	1.064	4.801	0.2	25.525	1.064
53.53	1.029	7.12	0.137	53.529	1.029	7.12	0.137	53.529	1.029
41.506	1.092	6.062	0.16	41.503	1.092	6.062	0.16	41.503	1.092
21.513	1.076	4.388	0.219	21.514	1.076	4.388	0.219	21.514	1.076
30.523	1.09	5.219	0.186	30.515	1.09	5.219	0.186	30.515	1.09
19.532	1.028	4.287	0.226	19.532	1.028	4.287	0.226	19.532	1.028
38.519	1.07	5.856	0.163	38.524	1.07	5.856	0.163	38.524	1.07
33.468	1.116	5.425	0.181	33.461	1.115	5.425	0.181	33.461	1.115
9.616	0.962	3.117	0.312	9.604	0.96	3.117	0.312	9.604	0.96
23.53	1.07	4.603	0.209	23.529	1.069	4.603	0.209	23.529	1.069
25.489	1.159	4.631	0.21	25.482	1.158	4.631	0.21	25.482	1.158
26.528	1.061	4.905	0.196	26.526	1.061	4.905	0.196	26.526	1.061
54.468	1.112	6.9	0.141	54.467	1.112	6.9	0.141	54.467	1.112
39.483	1.097	5.905	0.164	39.481	1.097	5.905	0.164	39.481	1.097
16.544	1.034	3.95	0.247	16.541	1.034	3.95	0.247	16.541	1.034
34.513	1.046	5.654	0.171	34.513	1.046	5.654	0.171	34.513	1.046
17.535	1.031	4.066	0.239	17.529	1.031	4.066	0.239	17.529	1.031
33.531	1.048	5.501	0.172	33.53	1.048	5.501	0.172	33.53	1.048
27.498	1.146	4.827	0.201	27.49	1.145	4.827	0.201	27.49	1.145
36.515	1.043	5.823	0.166	36.51	1.043	5.823	0.166	36.51	1.043
25.561	1.022	4.93	0.197	25.553	1.022	4.93	0.197	25.553	1.022
26.558	1.021	5.017	0.193	26.552	1.021	5.017	0.193	26.552	1.021
21.513	1.076	4.392	0.22	21.513	1.076	4.392	0.22	21.513	1.076
48.491	1.102	6.543	0.149	48.486	1.102	6.543	0.149	48.486	1.102
33.545	1.017	5.629	0.171	33.541	1.016	5.63	0.171	33.541	1.016
24.48	1.113	4.633	0.211	24.475	1.112	4.633	0.211	24.475	1.112
13.566	0.969	3.697	0.264	13.563	0.969	3.697	0.264	13.563	0.969
21.518	1.076	4.415	0.221	21.511	1.076	4.415	0.221	21.511	1.076
29.505	1.054	5.207	0.186	29.503	1.054	5.207	0.186	29.503	1.054
16.494	1.1	3.815	0.254	16.501	1.1	3.815	0.254	16.501	1.1
23.499	1.119	4.53	0.216	23.493	1.119	4.53	0.216	23.493	1.119
28.476	1.095	5.048	0.194	28.47	1.095	5.048	0.194	28.47	1.095
20.543	1.027	4.397	0.22	20.541	1.027	4.397	0.22	20.541	1.027
67.487	1.125	7.635	0.127	67.484	1.125	7.635	0.127	67.484	1.125
64.483	1.131	7.454	0.131	64.48	1.131	7.454	0.131	64.48	1.131
12.482	1.135	3.304	0.3	12.479	1.134	3.304	0.3	12.479	1.134
19.51	1.084	4.196	0.233	19.507	1.084	4.196	0.233	19.507	1.084
30.54	1.053	5.295	0.183	30.535	1.053	5.295	0.183	30.535	1.053
52.529	1.03	7.051	0.138	52.528	1.03	7.051	0.138	52.528	1.03

47.48	1.13	6.383	0.152	47.478	1.13	6.383	0.152	47.478	1.13
27.501	1.058	5.042	0.194	27.494	1.057	5.042	0.194	27.493	1.057
38.469	1.131	5.708	0.168	38.473	1.132	5.708	0.168	38.473	1.132
48.486	1.077	6.618	0.147	48.483	1.077	6.618	0.147	48.483	1.077
10.64	0.887	3.411	0.284	10.632	0.886	3.411	0.284	10.632	0.886
29.463	1.179	4.918	0.197	29.457	1.178	4.918	0.197	29.457	1.178
42.502	1.063	6.234	0.156	42.501	1.063	6.234	0.156	42.501	1.063
67.491	1.089	7.756	0.125	67.485	1.088	7.756	0.125	67.485	1.088
20.548	1.027	4.387	0.219	20.544	1.027	4.387	0.219	20.544	1.027
37.494	1.071	5.841	0.167	37.493	1.071	5.841	0.167	37.493	1.071
24.525	1.066	4.7	0.204	24.53	1.067	4.7	0.204	24.53	1.067
36.509	1.043	5.815	0.166	36.507	1.043	5.815	0.166	36.507	1.043
30.475	1.088	5.228	0.187	30.47	1.088	5.228	0.187	30.47	1.088
19.537	1.028	4.292	0.226	19.534	1.028	4.292	0.226	19.534	1.028
16.553	0.974	4.064	0.239	16.556	0.974	4.064	0.239	16.556	0.974
61.467	1.118	7.307	0.133	61.466	1.118	7.307	0.133	61.466	1.118
30.53	1.053	5.263	0.181	30.531	1.053	5.263	0.181	30.531	1.053
29.486	1.092	5.115	0.189	29.482	1.092	5.115	0.189	29.482	1.092
16.57	0.975	4.056	0.239	16.573	0.975	4.056	0.239	16.573	0.975
36.499	1.073	5.759	0.169	36.493	1.073	5.759	0.169	36.493	1.073
14.543	1.039	3.693	0.264	14.542	1.039	3.693	0.264	14.542	1.039
30.494	1.089	5.208	0.186	30.491	1.089	5.208	0.186	30.491	1.089
19.53	1.028	4.286	0.226	19.534	1.028	4.286	0.226	19.534	1.028
52.497	1.05	6.966	0.139	52.495	1.05	6.966	0.139	52.495	1.05
52.489	1.071	6.904	0.141	52.487	1.071	6.904	0.141	52.487	1.071
66.486	1.127	7.571	0.128	66.483	1.127	7.571	0.128	66.483	1.127
20.515	1.08	4.308	0.227	20.505	1.079	4.308	0.227	20.505	1.079
26.499	1.104	4.828	0.201	26.494	1.104	4.828	0.201	26.494	1.104
26.503	1.104	4.817	0.201	26.502	1.104	4.817	0.201	26.502	1.104
21.514	1.076	4.382	0.219	21.518	1.076	4.382	0.219	21.518	1.076
26.509	1.06	4.912	0.196	26.513	1.061	4.913	0.197	26.512	1.06
22.492	1.125	4.418	0.221	22.489	1.124	4.418	0.221	22.489	1.124
22.514	1.072	4.503	0.214	22.515	1.072	4.503	0.214	22.515	1.072
28.516	1.097	5.029	0.193	28.508	1.096	5.029	0.193	28.508	1.096
35.514	1.045	5.734	0.169	35.508	1.044	5.734	0.169	35.508	1.044
24.511	1.066	4.725	0.205	24.502	1.065	4.725	0.205	24.502	1.065
25.516	1.063	4.804	0.2	25.523	1.063	4.804	0.2	25.523	1.063
36.499	1.073	5.759	0.169	36.493	1.073	5.759	0.169	36.493	1.073
26.53	1.061	4.906	0.196	26.529	1.061	4.906	0.196	26.528	1.061
25.507	1.109	4.733	0.206	25.5	1.109	4.733	0.206	25.5	1.109
23.512	1.069	4.608	0.209	23.508	1.069	4.608	0.209	23.508	1.069
29.516	1.054	5.183	0.185	29.519	1.054	5.183	0.185	29.519	1.054
33.53	1.016	5.679	0.172	33.527	1.016	5.679	0.172	33.527	1.016
22.519	1.072	4.488	0.214	22.521	1.072	4.488	0.214	22.521	1.072
25.491	1.108	4.719	0.205	25.489	1.108	4.719	0.205	25.489	1.108
14.529	1.038	3.692	0.264	14.522	1.037	3.692	0.264	14.522	1.037
37.479	1.102	5.739	0.169	37.477	1.102	5.739	0.169	37.476	1.102
22.533	1.024	4.617	0.21	22.533	1.024	4.617	0.21	22.533	1.024
23.499	1.119	4.53	0.216	23.493	1.119	4.53	0.216	23.493	1.119
30.53	1.053	5.263	0.181	30.531	1.053	5.263	0.181	30.531	1.053

21.513	1.076	4.388	0.219	21.514	1.076	4.388	0.219	21.514	1.076
27.513	1.101	4.929	0.197	27.505	1.1	4.929	0.197	27.505	1.1
66.486	1.127	7.571	0.128	66.483	1.127	7.571	0.128	66.483	1.127
23.511	1.069	4.629	0.21	23.501	1.068	4.629	0.21	23.501	1.068
37.494	1.071	5.841	0.167	37.493	1.071	5.841	0.167	37.493	1.071
20.554	0.979	4.51	0.215	20.554	0.979	4.51	0.215	20.554	0.979
28.516	1.097	5.03	0.193	28.508	1.096	5.03	0.193	28.508	1.096
42.507	1.09	6.138	0.157	42.505	1.09	6.138	0.157	42.505	1.09
24.523	1.066	4.705	0.205	24.522	1.066	4.705	0.205	24.522	1.066
52.529	1.03	7.051	0.138	52.528	1.03	7.051	0.138	52.528	1.03
61.467	1.118	7.307	0.133	61.466	1.118	7.307	0.133	61.466	1.118
18.56	0.977	4.275	0.225	18.561	0.977	4.275	0.225	18.561	0.977
16.553	0.974	4.069	0.239	16.554	0.974	4.069	0.239	16.554	0.974
84.533	0.995	9.161	0.108	84.531	0.994	9.161	0.108	84.531	0.994
47.48	1.13	6.385	0.152	47.478	1.13	6.385	0.152	47.478	1.13
24.523	1.066	4.707	0.205	24.521	1.066	4.707	0.205	24.521	1.066
28.511	1.097	5	0.192	28.51	1.097	5	0.192	28.51	1.097
67.491	1.089	7.756	0.125	67.485	1.088	7.756	0.125	67.485	1.088
34.513	1.046	5.655	0.171	34.513	1.046	5.655	0.171	34.513	1.046
24.516	1.066	4.717	0.205	24.51	1.066	4.717	0.205	24.51	1.066
39.483	1.097	5.905	0.164	39.481	1.097	5.905	0.164	39.481	1.097
28.511	1.097	5	0.192	28.51	1.097	5	0.192	28.51	1.097

VEv1	VEv2	VRv1	VRv2	VEe1	VEe2	VRe1	VRe2	VEp1	VEp2
4.905	0.196	25.554	1.022	4.925	0.197	25.545	1.022	4.9	0.196
4.799	0.2	23.561	0.982	4.786	0.199	23.564	0.982	4.799	0.2
4.625	0.21	24.49	1.113	4.624	0.21	24.491	1.113	4.626	0.21
4.184	0.232	17.559	0.975	4.167	0.232	17.564	0.976	4.185	0.233
4.902	0.196	25.547	1.022	4.915	0.197	25.537	1.021	4.895	0.196
4.477	0.213	22.524	1.073	4.505	0.215	22.514	1.072	4.469	0.213
4.372	0.219	22.521	1.126	4.418	0.221	22.495	1.125	4.361	0.218
5.981	0.162	39.522	1.068	5.998	0.162	39.506	1.068	5.97	0.161
4.299	0.226	19.53	1.028	4.287	0.226	19.535	1.028	4.299	0.226
4.723	0.205	25.483	1.108	4.726	0.205	25.477	1.108	4.721	0.205
4.298	0.226	20.507	1.079	4.306	0.227	20.504	1.079	4.295	0.226
5.632	0.171	35.516	1.076	5.649	0.171	35.507	1.076	5.627	0.171
4.791	0.2	26.509	1.105	4.81	0.2	26.497	1.104	4.786	0.199
4.827	0.201	25.504	1.063	4.824	0.201	25.505	1.063	4.826	0.201
4.598	0.209	23.523	1.069	4.606	0.209	23.52	1.069	4.596	0.209
4.597	0.209	23.53	1.07	4.633	0.211	23.512	1.069	4.586	0.208
3.69	0.264	14.526	1.038	3.692	0.264	14.53	1.038	3.69	0.264
4.712	0.205	25.492	1.108	4.716	0.205	25.492	1.108	4.712	0.205
7.092	0.139	53.497	1.049	7.063	0.138	53.495	1.049	7.096	0.139
5.582	0.174	35.472	1.109	5.586	0.175	35.47	1.108	5.581	0.174
4.61	0.21	24.491	1.113	4.622	0.21	24.488	1.113	4.609	0.209
4.404	0.22	21.519	1.076	4.415	0.221	21.51	1.076	4.402	0.22
5.188	0.185	30.5	1.089	5.223	0.187	30.484	1.089	5.181	0.185
4.481	0.213	22.522	1.072	4.503	0.214	22.514	1.072	4.474	0.213
4.523	0.215	22.505	1.072	4.507	0.215	22.51	1.072	4.522	0.215
4.691	0.204	24.534	1.067	4.705	0.205	24.522	1.066	4.687	0.204
4.772	0.199	25.542	1.064	4.801	0.2	25.526	1.064	4.759	0.198
4.701	0.204	23.539	1.023	4.729	0.206	23.534	1.023	4.698	0.204
4.444	0.212	23.529	1.12	4.51	0.215	23.504	1.119	4.431	0.211
4.969	0.191	27.518	1.058	4.997	0.192	27.513	1.058	4.966	0.191
4.495	0.214	22.518	1.072	4.503	0.214	22.515	1.072	4.493	0.214
3.934	0.246	16.556	1.035	3.948	0.247	16.541	1.034	3.929	0.246
4.84	0.202	24.527	1.022	4.842	0.202	24.518	1.022	4.84	0.202
6.681	0.145	48.496	1.054	6.694	0.146	48.496	1.054	6.678	0.145
4.507	0.215	22.528	1.073	4.527	0.216	22.515	1.072	4.504	0.214
5.366	0.179	30.549	1.018	5.382	0.179	30.541	1.018	5.362	0.179
4.471	0.213	23.508	1.119	4.497	0.214	23.5	1.119	4.463	0.213
3.796	0.253	13.606	0.907	3.809	0.254	13.611	0.907	3.792	0.253
5.101	0.189	29.532	1.094	5.127	0.19	29.513	1.093	5.094	0.189
4.381	0.219	19.575	0.979	4.395	0.22	19.567	0.978	4.378	0.219
4.267	0.225	18.564	0.977	4.269	0.225	18.561	0.977	4.266	0.225
3.55	0.273	12.58	0.968	3.54	0.272	12.592	0.969	3.55	0.273
4.407	0.22	22.486	1.124	4.42	0.221	22.482	1.124	4.402	0.22
4.893	0.196	29.472	1.179	4.917	0.197	29.458	1.178	4.886	0.195
5.302	0.177	30.56	1.019	5.368	0.179	30.548	1.018	5.291	0.176
4.491	0.214	22.525	1.073	4.525	0.215	22.506	1.072	4.479	0.213
4.296	0.226	20.509	1.079	4.306	0.227	20.503	1.079	4.294	0.226
4.609	0.21	24.491	1.113	4.61	0.21	24.493	1.113	4.607	0.209
4.304	0.227	20.519	1.08	4.313	0.227	20.51	1.079	4.3	0.226



4.285	0.226	18.56	0.977	4.277	0.225	18.563	0.977	4.284	0.225
5.016	0.193	26.532	1.02	5.007	0.193	26.529	1.02	5.015	0.193
4.669	0.203	26.518	1.153	4.736	0.206	26.489	1.152	4.655	0.202
7.237	0.137	55.495	1.047	7.207	0.136	55.495	1.047	7.24	0.137
5.492	0.177	34.478	1.112	5.506	0.178	34.468	1.112	5.487	0.177
4.285	0.226	18.56	0.977	4.276	0.225	18.562	0.977	4.285	0.226
5.365	0.179	30.551	1.018	5.383	0.179	30.54	1.018	5.361	0.179
5.004	0.192	28.528	1.097	5.03	0.193	28.508	1.096	4.997	0.192
5.005	0.192	28.524	1.097	5.029	0.193	28.507	1.096	4.999	0.192
4.382	0.219	21.52	1.076	4.393	0.22	21.515	1.076	4.371	0.219
4.393	0.22	21.524	1.076	4.405	0.22	21.52	1.076	4.383	0.219
3.554	0.273	12.579	0.968	3.55	0.273	12.58	0.968	3.552	0.273
5.062	0.187	29.5	1.093	5.091	0.189	29.495	1.092	5.057	0.187
4.274	0.225	20.515	1.08	4.289	0.226	20.511	1.08	4.27	0.225
4.711	0.205	24.511	1.066	4.721	0.205	24.51	1.066	4.708	0.205
4.97	0.191	28.524	1.097	5.022	0.193	28.506	1.096	4.958	0.191
3.773	0.252	15.572	1.038	3.814	0.254	15.548	1.037	3.76	0.251
4.163	0.231	17.576	0.976	4.164	0.231	17.579	0.977	4.161	0.231
4.281	0.225	19.542	1.029	4.285	0.226	19.54	1.028	4.279	0.225
4.415	0.221	20.534	1.027	4.403	0.22	20.538	1.027	4.417	0.221
5.462	0.176	31.549	1.018	5.473	0.177	31.542	1.017	5.458	0.176
5.138	0.19	30.457	1.128	5.126	0.19	30.463	1.128	5.139	0.19
4.705	0.205	23.545	1.024	4.724	0.205	23.533	1.023	4.701	0.204
5.017	0.193	26.521	1.02	5.003	0.192	26.523	1.02	5.018	0.193
3.932	0.246	15.586	0.974	3.927	0.245	15.587	0.974	3.933	0.246
4.926	0.197	26.514	1.061	4.936	0.197	26.509	1.06	4.923	0.197
4.818	0.201	24.549	1.023	4.83	0.201	24.544	1.023	4.814	0.201
4.612	0.21	23.531	1.07	4.62	0.21	23.535	1.07	4.616	0.21
4.609	0.21	23.521	1.069	4.615	0.21	23.519	1.069	4.607	0.209
4.537	0.216	23.473	1.118	4.527	0.216	23.472	1.118	4.537	0.216
5.326	0.184	32.468	1.12	5.314	0.183	32.468	1.12	5.326	0.184
3.936	0.246	18.467	1.154	3.953	0.247	18.461	1.154	3.931	0.246
4.726	0.205	24.526	1.066	4.73	0.206	24.513	1.066	4.722	0.205
5.719	0.168	35.521	1.045	5.736	0.169	35.512	1.044	5.715	0.168
4.709	0.205	24.527	1.066	4.718	0.205	24.526	1.066	4.706	0.205
5.24	0.187	31.459	1.124	5.234	0.187	31.458	1.124	5.241	0.187
4.464	0.213	22.523	1.073	4.497	0.214	22.512	1.072	4.457	0.212
3.685	0.263	14.55	1.039	3.695	0.264	14.535	1.038	3.687	0.263
6.488	0.151	48.472	1.127	6.473	0.151	48.474	1.127	6.489	0.151
4.989	0.192	28.52	1.097	5.014	0.193	28.508	1.096	4.982	0.192
4.477	0.213	24.505	1.167	4.531	0.216	24.478	1.166	4.464	0.213
4.983	0.192	30.481	1.172	5.008	0.193	30.463	1.172	4.977	0.191
4.821	0.201	26.482	1.103	4.843	0.202	26.475	1.103	4.814	0.201
4.474	0.213	22.525	1.073	4.503	0.214	22.514	1.072	4.466	0.213
6.104	0.157	42.52	1.09	6.138	0.157	42.505	1.09	6.097	0.156
4.542	0.206	21.584	0.981	4.586	0.208	21.563	0.98	4.532	0.206
5.05	0.187	29.511	1.093	5.105	0.189	29.501	1.093	5.041	0.187
3.925	0.245	15.586	0.974	3.934	0.246	15.584	0.974	3.923	0.245
4.497	0.214	20.56	0.979	4.524	0.215	20.55	0.979	4.484	0.214
5.406	0.18	33.472	1.116	5.415	0.181	33.465	1.115	5.4	0.18

4.452	0.212	21.574	1.027	4.517	0.215	21.545	1.026	4.44	0.211
4.6	0.209	22.55	1.025	4.607	0.209	22.537	1.024	4.591	0.209
4.486	0.214	22.525	1.073	4.499	0.214	22.52	1.072	4.476	0.213
5.63	0.171	33.544	1.017	5.679	0.172	33.527	1.016	5.622	0.17
6.661	0.148	46.505	1.033	6.624	0.147	46.503	1.033	6.665	0.148
3.7	0.264	14.538	1.038	3.693	0.264	14.542	1.039	3.7	0.264
5.731	0.169	37.483	1.102	5.739	0.169	37.477	1.102	5.729	0.168
4.287	0.226	18.561	0.977	4.275	0.225	18.561	0.977	4.288	0.226
3.682	0.263	14.571	1.041	3.698	0.264	14.558	1.04	3.679	0.263
5.08	0.188	28.516	1.056	5.103	0.189	28.511	1.056	5.078	0.188
4.612	0.21	22.535	1.024	4.615	0.21	22.535	1.024	4.612	0.21
4.772	0.199	25.542	1.064	4.801	0.2	25.526	1.064	4.759	0.198
7.091	0.136	53.53	1.029	7.12	0.137	53.529	1.029	7.085	0.136
6.03	0.159	41.517	1.093	6.062	0.16	41.504	1.092	6.023	0.158
4.382	0.219	21.516	1.076	4.388	0.219	21.514	1.076	4.38	0.219
5.194	0.185	30.539	1.091	5.219	0.186	30.515	1.09	5.184	0.185
4.273	0.225	19.537	1.028	4.287	0.226	19.532	1.028	4.268	0.225
5.85	0.162	38.53	1.07	5.856	0.163	38.524	1.07	5.849	0.162
5.424	0.181	33.465	1.115	5.422	0.181	33.463	1.115	5.425	0.181
3.118	0.312	9.607	0.961	3.117	0.312	9.604	0.96	3.117	0.312
4.568	0.208	23.544	1.07	4.603	0.209	23.529	1.07	4.561	0.207
4.564	0.207	25.508	1.159	4.63	0.21	25.482	1.158	4.55	0.207
4.876	0.195	26.542	1.062	4.9	0.196	26.528	1.061	4.874	0.195
6.905	0.141	54.466	1.112	6.898	0.141	54.469	1.112	6.905	0.141
5.919	0.164	39.479	1.097	5.904	0.164	39.483	1.097	5.92	0.164
3.929	0.246	16.557	1.035	3.945	0.247	16.55	1.034	3.927	0.245
5.647	0.171	34.52	1.046	5.654	0.171	34.513	1.046	5.646	0.171
4.034	0.237	17.547	1.032	4.066	0.239	17.529	1.031	4.026	0.237
5.465	0.171	33.542	1.048	5.501	0.172	33.53	1.048	5.458	0.171
4.792	0.2	27.509	1.146	4.827	0.201	27.49	1.145	4.784	0.199
5.813	0.166	36.517	1.043	5.823	0.166	36.51	1.043	5.81	0.166
4.863	0.195	25.579	1.023	4.93	0.197	25.553	1.022	4.849	0.194
4.952	0.19	26.571	1.022	5.017	0.193	26.552	1.021	4.94	0.19
4.366	0.218	21.521	1.076	4.392	0.22	21.513	1.076	4.358	0.218
6.502	0.148	48.506	1.102	6.543	0.149	48.486	1.102	6.495	0.148
5.608	0.17	33.559	1.017	5.63	0.171	33.544	1.016	5.604	0.17
4.636	0.211	24.482	1.113	4.633	0.211	24.475	1.112	4.635	0.211
3.693	0.264	13.566	0.969	3.697	0.264	13.563	0.969	3.691	0.264
4.383	0.219	21.528	1.076	4.408	0.22	21.517	1.076	4.379	0.219
5.207	0.186	29.51	1.054	5.213	0.186	29.502	1.054	5.204	0.186
3.816	0.254	16.506	1.1	3.815	0.254	16.501	1.1	3.814	0.254
4.508	0.215	23.505	1.119	4.53	0.216	23.493	1.119	4.503	0.214
5.051	0.194	28.471	1.095	5.046	0.194	28.472	1.095	5.053	0.194
4.353	0.218	20.565	1.028	4.397	0.22	20.541	1.027	4.343	0.217
7.59	0.126	67.502	1.125	7.635	0.127	67.484	1.125	7.578	0.126
7.402	0.13	64.498	1.132	7.453	0.131	64.48	1.131	7.389	0.13
3.293	0.299	12.49	1.135	3.304	0.3	12.479	1.134	3.29	0.299
4.187	0.233	19.513	1.084	4.196	0.233	19.507	1.084	4.184	0.232
5.216	0.18	30.565	1.054	5.294	0.183	30.535	1.053	5.203	0.179
7.023	0.138	52.529	1.03	7.051	0.138	52.528	1.03	7.017	0.138

6.34	0.151	47.49	1.131	6.383	0.152	47.478	1.13	6.333	0.151
5.033	0.194	27.506	1.058	5.039	0.194	27.495	1.058	5.03	0.193
5.676	0.167	38.479	1.132	5.708	0.168	38.473	1.132	5.671	0.167
6.619	0.147	48.486	1.077	6.618	0.147	48.483	1.077	6.619	0.147
3.389	0.282	10.662	0.889	3.411	0.284	10.632	0.886	3.385	0.282
4.891	0.196	29.474	1.179	4.918	0.197	29.457	1.178	4.884	0.195
6.243	0.156	42.504	1.063	6.234	0.156	42.499	1.062	6.241	0.156
7.743	0.125	67.492	1.089	7.756	0.125	67.485	1.088	7.739	0.125
4.353	0.218	20.563	1.028	4.383	0.219	20.547	1.027	4.347	0.217
5.85	0.167	37.496	1.071	5.841	0.167	37.493	1.071	5.852	0.167
4.695	0.204	24.535	1.067	4.7	0.204	24.53	1.067	4.693	0.204
5.814	0.166	36.507	1.043	5.825	0.166	36.506	1.043	5.803	0.166
5.232	0.187	30.472	1.088	5.228	0.187	30.47	1.088	5.232	0.187
4.266	0.225	19.547	1.029	4.288	0.226	19.537	1.028	4.261	0.224
4.062	0.239	16.556	0.974	4.077	0.24	16.55	0.974	4.052	0.238
7.307	0.133	61.469	1.118	7.307	0.133	61.466	1.118	7.307	0.133
5.238	0.181	30.542	1.053	5.283	0.182	30.526	1.053	5.219	0.18
5.108	0.189	29.49	1.092	5.118	0.19	29.482	1.092	5.1	0.189
4.064	0.239	16.569	0.975	4.057	0.239	16.573	0.975	4.064	0.239
5.756	0.169	36.502	1.074	5.756	0.169	36.495	1.073	5.756	0.169
3.7	0.264	14.538	1.038	3.693	0.264	14.542	1.039	3.7	0.264
5.188	0.185	30.504	1.089	5.208	0.186	30.491	1.089	5.187	0.185
4.297	0.226	19.532	1.028	4.286	0.226	19.534	1.028	4.297	0.226
6.949	0.139	52.494	1.05	6.963	0.139	52.495	1.05	6.947	0.139
6.914	0.141	52.489	1.071	6.904	0.141	52.487	1.071	6.915	0.141
7.525	0.128	66.502	1.127	7.571	0.128	66.483	1.127	7.513	0.127
4.295	0.226	20.514	1.08	4.308	0.227	20.505	1.079	4.29	0.226
4.8	0.2	26.512	1.105	4.828	0.201	26.495	1.104	4.793	0.2
4.785	0.199	26.518	1.105	4.817	0.201	26.502	1.104	4.778	0.199
4.382	0.219	21.52	1.076	4.393	0.22	21.515	1.076	4.371	0.219
4.883	0.195	26.527	1.061	4.929	0.197	26.508	1.06	4.858	0.194
4.384	0.219	22.508	1.125	4.418	0.221	22.489	1.124	4.377	0.219
4.495	0.214	22.518	1.072	4.503	0.214	22.515	1.072	4.493	0.214
5.004	0.192	28.528	1.097	5.029	0.193	28.508	1.096	4.997	0.192
5.722	0.168	35.515	1.045	5.734	0.169	35.508	1.044	5.718	0.168
4.732	0.206	24.516	1.066	4.736	0.206	24.503	1.065	4.728	0.206
4.78	0.199	25.535	1.064	4.828	0.201	25.517	1.063	4.757	0.198
5.756	0.169	36.502	1.074	5.756	0.169	36.495	1.073	5.756	0.169
4.893	0.196	26.546	1.062	4.906	0.196	26.529	1.061	4.888	0.196
4.723	0.205	25.506	1.109	4.733	0.206	25.5	1.109	4.721	0.205
4.565	0.208	23.525	1.069	4.608	0.209	23.508	1.069	4.558	0.207
5.142	0.184	29.525	1.054	5.183	0.185	29.519	1.054	5.134	0.183
5.63	0.171	33.544	1.017	5.679	0.172	33.527	1.016	5.622	0.17
4.486	0.214	22.525	1.073	4.499	0.214	22.52	1.072	4.476	0.213
4.712	0.205	25.492	1.108	4.716	0.205	25.492	1.108	4.712	0.205
3.686	0.263	14.529	1.038	3.689	0.264	14.533	1.038	3.686	0.263
5.731	0.169	37.483	1.102	5.739	0.169	37.477	1.102	5.729	0.168
4.612	0.21	22.535	1.024	4.615	0.21	22.535	1.024	4.612	0.21
4.508	0.215	23.505	1.119	4.53	0.216	23.493	1.119	4.503	0.214
5.238	0.181	30.542	1.053	5.283	0.182	30.526	1.053	5.219	0.18

4.382	0.219	21.516	1.076	4.388	0.219	21.514	1.076	4.38	0.219
4.905	0.196	27.522	1.101	4.929	0.197	27.505	1.1	4.899	0.196
7.525	0.128	66.502	1.127	7.571	0.128	66.483	1.127	7.513	0.127
4.63	0.21	23.517	1.069	4.636	0.211	23.502	1.068	4.625	0.21
5.85	0.167	37.496	1.071	5.841	0.167	37.493	1.071	5.852	0.167
4.497	0.214	20.56	0.979	4.524	0.215	20.55	0.979	4.484	0.214
5.004	0.192	28.528	1.097	5.03	0.193	28.508	1.096	4.997	0.192
6.104	0.157	42.52	1.09	6.138	0.157	42.505	1.09	6.097	0.156
4.691	0.204	24.534	1.067	4.705	0.205	24.522	1.066	4.687	0.204
7.023	0.138	52.529	1.03	7.051	0.138	52.528	1.03	7.017	0.138
7.307	0.133	61.469	1.118	7.307	0.133	61.466	1.118	7.307	0.133
4.287	0.226	18.561	0.977	4.275	0.225	18.561	0.977	4.288	0.226
4.068	0.239	16.554	0.974	4.08	0.24	16.549	0.973	4.059	0.239
9.187	0.108	84.529	0.994	9.161	0.108	84.531	0.994	9.19	0.108
6.341	0.151	47.49	1.131	6.385	0.152	47.479	1.13	6.334	0.151
4.687	0.204	24.536	1.067	4.707	0.205	24.521	1.066	4.682	0.204
4.983	0.192	28.522	1.097	5	0.192	28.51	1.097	4.978	0.191
7.743	0.125	67.492	1.089	7.756	0.125	67.485	1.088	7.739	0.125
5.648	0.171	34.52	1.046	5.655	0.171	34.513	1.046	5.647	0.171
4.721	0.205	24.522	1.066	4.729	0.206	24.51	1.066	4.713	0.205
5.919	0.164	39.479	1.097	5.904	0.164	39.483	1.097	5.92	0.164
4.985	0.192	28.523	1.097	5	0.192	28.51	1.097	4.98	0.192

VRp1	VRp2	nCp	nCs	nCt	nCq	nCrs	nCrt	nCrq	nCar
25.555	1.022	5	3	1	0	0	0	0	12
23.56	0.982	4	4	0	0	0	0	0	6
24.488	1.113	1	0	0	0	0	0	0	14
17.558	0.975	2	3	0	0	0	0	0	6
25.546	1.022	2	3	0	0	3	0	0	6
22.527	1.073	0	3	0	0	2	0	0	12
22.525	1.126	0	3	0	0	3	0	0	12
39.528	1.068	3	2	0	0	1	0	0	12
19.529	1.028	1	2	0	0	0	0	0	12
25.484	1.108	0	6	4	0	5	3	0	6
20.507	1.079	0	0	0	0	0	0	0	11
35.518	1.076	1	4	2	0	3	2	0	8
26.512	1.105	0	3	0	0	3	0	0	6
25.503	1.063	1	4	1	0	3	0	0	12
23.523	1.069	0	3	0	0	2	0	0	12
23.534	1.07	0	0	0	0	0	0	0	12
14.522	1.037	0	0	0	0	0	0	0	6
25.491	1.108	0	0	0	0	0	0	0	12
53.497	1.049	3	7	1	0	4	0	0	18
35.473	1.109	0	3	1	1	2	1	0	18
24.49	1.113	0	4	0	0	4	0	0	11
21.52	1.076	0	0	0	0	0	0	0	12
30.503	1.089	0	4	2	0	3	2	0	12
22.524	1.073	0	1	0	0	0	0	0	12
22.505	1.072	0	2	0	0	0	0	0	14
24.537	1.067	1	0	0	0	0	0	0	5
25.547	1.064	0	2	1	0	0	1	0	12
23.54	1.023	2	1	1	0	0	0	0	5
23.533	1.121	0	4	0	1	4	0	1	6
27.518	1.058	1	1	0	0	0	0	0	12
22.519	1.072	0	3	0	0	2	0	0	12
16.557	1.035	0	4	1	0	4	1	0	6
24.529	1.022	1	4	0	0	0	0	0	12
48.496	1.054	4	8	1	0	1	0	0	18
22.527	1.073	0	0	0	0	0	0	0	12
30.55	1.018	4	9	5	0	2	4	0	0
23.51	1.12	0	4	1	1	2	1	1	12
13.606	0.907	2	2	0	1	0	0	0	0
29.535	1.094	4	5	5	2	5	5	2	0
19.575	0.979	2	0	0	0	0	0	0	6
18.565	0.977	2	3	0	0	0	0	0	6
12.578	0.968	3	1	0	0	0	0	0	6
22.487	1.124	0	2	0	0	2	0	0	11
29.474	1.179	0	8	2	1	8	2	1	6
30.563	1.019	4	1	1	0	0	1	0	6
22.53	1.073	0	0	0	0	0	0	0	12
20.509	1.079	0	0	0	0	0	0	0	12
24.491	1.113	1	0	0	0	0	0	0	10
20.521	1.08	0	1	0	0	1	0	0	12

18.559	0.977	2	2	0	0	0	0	0	6
26.533	1.02	2	5	2	0	5	1	0	6
26.523	1.153	0	6	1	1	6	1	1	6
55.495	1.047	3	7	1	0	4	0	0	18
34.481	1.112	1	6	1	0	5	1	0	7
18.56	0.977	3	2	0	0	0	0	0	6
30.553	1.018	3	10	4	0	3	3	0	0
28.532	1.097	3	6	4	2	6	4	2	0
28.528	1.097	3	5	4	2	5	4	2	0
21.523	1.076	0	1	0	0	0	0	0	12
21.527	1.076	1	1	0	0	0	0	0	12
12.58	0.968	0	0	0	0	0	0	0	5
29.501	1.093	1	0	0	0	0	0	0	12
20.516	1.08	1	5	1	0	3	1	0	6
24.511	1.066	1	2	0	0	1	0	0	12
28.527	1.097	0	0	0	0	0	0	0	12
15.579	1.039	0	0	0	0	0	0	0	7
17.577	0.976	2	1	0	0	0	0	0	6
19.542	1.029	2	4	0	0	1	0	0	6
20.533	1.027	3	5	0	0	4	0	0	6
31.55	1.018	5	9	4	1	2	4	0	0
30.456	1.128	0	5	1	0	5	1	0	12
23.543	1.024	1	3	0	0	3	0	0	6
26.521	1.02	3	7	1	0	6	0	0	6
15.585	0.974	3	3	1	1	0	0	1	0
26.515	1.061	2	3	1	0	2	1	0	8
24.549	1.023	5	3	1	0	0	0	0	12
23.527	1.069	4	6	0	0	6	0	0	0
23.521	1.069	1	2	1	0	2	0	0	12
23.474	1.118	0	7	0	0	7	0	0	8
32.468	1.12	0	9	1	0	9	0	0	12
18.469	1.154	0	1	2	0	1	2	0	8
24.528	1.066	1	1	1	0	0	0	0	12
35.523	1.045	1	8	1	0	7	1	0	6
24.527	1.066	2	0	0	0	0	0	0	12
31.459	1.124	0	2	0	0	1	0	0	13
22.525	1.073	0	3	0	0	1	0	0	8
14.542	1.039	0	0	0	0	0	0	0	7
48.472	1.127	4	8	3	0	7	1	0	8
28.522	1.097	2	4	1	0	2	1	0	8
24.509	1.167	0	5	1	1	5	1	1	6
30.483	1.172	0	10	2	1	10	2	1	6
26.485	1.104	0	1	2	0	1	2	0	12
22.528	1.073	0	1	0	0	0	0	0	12
42.522	1.09	2	7	1	0	7	1	0	12
21.588	0.981	2	3	0	0	0	0	0	6
29.512	1.093	1	4	0	0	4	0	0	11
15.587	0.974	0	0	0	0	0	0	0	6
20.564	0.979	0	0	0	0	0	0	0	4
33.474	1.116	1	6	1	0	5	1	0	7

21.578	1.028	0	1	0	0	0	0	0	10
22.556	1.025	1	2	0	0	0	0	0	12
22.527	1.073	0	1	0	0	0	0	0	12
33.547	1.017	2	3	1	1	0	0	0	12
46.505	1.033	3	7	1	0	4	0	0	12
14.537	1.038	1	0	0	0	0	0	0	6
37.485	1.102	0	4	0	0	3	0	0	19
18.561	0.977	2	3	0	0	0	0	0	6
14.573	1.041	0	0	0	0	0	0	0	3
28.515	1.056	0	1	0	0	0	0	0	12
22.534	1.024	3	3	0	0	0	0	0	9
25.547	1.064	0	2	1	0	0	1	0	12
53.53	1.029	10	13	7	0	12	7	0	0
41.519	1.093	2	7	1	0	7	1	0	12
21.516	1.076	0	3	0	0	2	0	0	12
30.545	1.091	4	5	5	2	5	5	2	0
19.538	1.028	0	1	0	0	0	0	0	12
38.53	1.07	4	6	0	0	6	0	0	6
33.464	1.115	0	4	0	0	3	0	0	12
9.607	0.961	2	2	0	1	1	0	1	0
23.547	1.07	1	0	0	0	0	0	0	9
25.512	1.16	0	6	1	1	6	1	1	6
26.543	1.062	1	1	0	0	0	0	0	14
54.465	1.112	2	4	0	0	2	0	0	20
39.478	1.097	1	2	0	0	2	0	0	15
16.555	1.035	0	0	0	0	0	0	0	9
34.52	1.046	0	3	0	0	0	0	0	12
17.55	1.032	0	4	1	0	4	0	0	6
33.544	1.048	2	0	0	0	0	0	0	12
27.512	1.146	0	6	1	1	6	1	1	6
36.518	1.043	2	0	1	0	0	1	0	12
25.584	1.023	2	0	1	0	0	1	0	6
26.575	1.022	3	0	1	0	0	1	0	6
21.523	1.076	0	3	0	0	2	0	0	12
48.509	1.102	0	6	3	0	6	3	0	14
33.56	1.017	2	4	1	0	0	0	0	10
24.484	1.113	1	7	1	0	7	0	0	6
13.567	0.969	1	2	0	0	0	0	0	6
21.528	1.076	0	3	1	0	3	1	0	12
29.51	1.054	0	0	0	0	0	0	0	17
16.508	1.101	0	4	0	0	4	0	0	9
23.507	1.119	2	9	3	2	9	3	2	0
28.47	1.095	0	1	0	0	0	0	0	6
20.569	1.028	0	5	2	0	5	1	0	6
67.506	1.125	3	9	3	3	7	3	3	14
64.501	1.132	3	6	4	2	4	4	2	14
12.493	1.136	0	6	4	0	6	4	0	0
19.514	1.084	0	0	0	0	0	0	0	12
30.569	1.054	1	3	0	0	3	0	0	6
52.529	1.03	10	13	7	0	12	7	0	0

47.491	1.131	1	5	3	0	5	3	0	12
27.509	1.058	0	4	1	0	2	1	0	12
38.48	1.132	1	0	0	0	0	0	0	20
48.487	1.077	3	7	2	0	4	0	0	17
10.666	0.889	2	4	0	0	0	0	0	0
29.476	1.179	0	8	2	1	8	2	1	6
42.505	1.063	4	8	3	0	6	2	0	12
67.493	1.089	6	9	3	2	7	3	2	18
20.563	1.028	0	1	0	0	0	0	0	8
37.496	1.071	3	5	2	1	2	1	0	18
24.536	1.067	2	1	0	0	0	0	0	13
36.507	1.043	2	5	1	0	2	0	0	12
30.473	1.088	0	8	0	1	6	0	1	4
19.548	1.029	0	1	1	0	0	0	0	11
16.559	0.974	1	0	0	0	0	0	0	3
61.47	1.118	5	22	5	2	22	5	2	0
30.546	1.053	1	2	0	0	2	0	0	12
29.491	1.092	0	5	0	0	3	0	0	14
16.568	0.975	4	0	0	0	0	0	0	6
36.502	1.074	0	3	1	1	2	1	0	18
14.537	1.038	1	0	0	0	0	0	0	6
30.505	1.089	0	0	0	0	0	0	0	12
19.531	1.028	2	2	0	0	0	0	0	10
52.494	1.05	4	7	2	0	0	0	0	18
52.489	1.071	3	11	3	0	6	2	0	15
66.505	1.127	3	9	3	3	7	3	3	14
20.516	1.08	0	0	1	0	0	1	0	12
26.515	1.105	0	4	2	0	3	2	0	9
26.521	1.105	1	3	2	0	3	2	0	9
21.523	1.076	0	1	0	0	0	0	0	12
26.535	1.061	2	0	0	0	0	0	0	12
22.511	1.126	1	7	3	1	7	3	1	6
22.519	1.072	0	3	0	0	2	0	0	12
28.532	1.097	3	8	4	2	8	4	2	0
35.516	1.045	2	0	1	0	0	1	0	12
24.516	1.066	0	0	0	0	0	0	0	11
25.541	1.064	2	0	0	0	0	0	0	12
36.502	1.074	0	3	1	1	2	1	0	18
26.551	1.062	2	1	0	0	1	0	0	6
25.507	1.109	3	8	4	2	8	4	2	0
23.527	1.069	0	0	0	0	0	0	0	13
29.526	1.054	1	1	0	0	0	0	0	18
33.547	1.017	2	3	1	1	0	0	0	12
22.527	1.073	0	1	0	0	0	0	0	12
25.491	1.108	0	0	0	0	0	0	0	12
14.524	1.037	0	0	0	0	0	0	0	6
37.485	1.102	0	4	0	0	3	0	0	19
22.534	1.024	3	3	0	0	0	0	0	9
23.507	1.119	2	9	3	2	9	3	2	0
30.546	1.053	1	2	0	0	2	0	0	12



21.516	1.076	0	3	0	0	2	0	0	12
27.525	1.101	3	8	4	2	8	4	2	0
66.505	1.127	3	9	3	3	7	3	3	14
23.516	1.069	0	0	0	0	0	0	0	9
37.496	1.071	3	5	2	1	2	1	0	18
20.564	0.979	0	0	0	0	0	0	0	4
28.532	1.097	3	6	4	2	6	4	2	0
42.522	1.09	2	7	1	0	7	1	0	12
24.537	1.067	1	0	0	0	0	0	0	5
52.529	1.03	10	13	7	0	12	7	0	0
61.47	1.118	5	22	5	2	22	5	2	0
18.561	0.977	2	3	0	0	0	0	0	6
16.557	0.974	1	0	0	0	0	0	0	3
84.529	0.994	17	17	7	0	10	0	0	0
47.491	1.131	1	5	3	0	5	3	0	12
24.539	1.067	1	0	0	0	0	0	0	6
28.525	1.097	1	1	0	0	1	0	0	6
67.493	1.089	6	9	3	2	7	3	2	18
34.52	1.046	0	3	0	0	0	0	0	12
24.522	1.066	1	0	0	0	0	0	0	9
39.478	1.097	1	2	0	0	2	0	0	15
28.526	1.097	1	1	0	0	1	0	0	6

nCbH	nCb-	nCconj	nR=Cp	nR=Cs	nR=Ct	nR#C-	nRCOOH	nRCOOR	nArCOOR
8	4	0	0	0	0	0	0	0	0
3	3	1	0	0	0	0	0	0	0
8	4	1	0	0	0	0	0	0	0
4	2	0	1	1	0	0	0	0	0
2	4	1	0	0	0	0	0	0	0
8	4	2	0	1	1	0	0	0	0
5	7	0	0	0	0	0	0	0	0
7	5	0	0	0	0	0	0	0	0
9	3	0	0	0	0	0	0	0	0
5	1	0	0	2	0	0	0	0	0
3	3	1	0	0	0	0	0	0	0
3	3	0	1	1	0	0	0	0	0
2	4	4	0	0	1	0	1	0	0
9	3	0	0	0	0	0	0	0	0
7	5	0	0	0	0	0	0	0	0
7	5	1	0	0	0	0	0	0	0
3	3	0	0	0	0	0	0	0	0
7	5	1	0	0	0	0	0	0	0
13	5	3	0	2	0	0	0	1	0
13	5	0	0	0	0	0	0	0	0
3	3	2	0	0	2	0	0	0	0
8	4	1	0	0	0	0	0	0	0
7	5	1	0	0	0	0	0	0	0
8	4	2	0	1	1	0	0	0	0
7	3	0	0	0	0	0	0	0	0
0	0	4	0	0	1	0	1	0	0
7	5	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	2	0
2	4	0	0	2	0	0	0	0	0
9	3	0	0	0	0	0	0	0	0
8	4	0	0	0	0	0	0	0	0
4	2	0	0	0	0	0	0	0	0
8	4	1	0	0	0	0	0	0	0
13	5	0	0	0	0	0	0	0	0
7	5	1	0	0	0	0	0	0	0
0	0	4	0	3	1	0	1	1	0
8	4	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	5	0	3	1	0	0	0	0
2	4	1	0	0	0	0	0	0	0
4	2	0	0	0	0	0	0	0	0
3	3	0	0	0	0	0	0	0	0
4	2	0	0	0	0	0	0	0	0
2	4	0	1	0	1	0	0	0	0
4	2	6	0	2	2	0	0	2	0
8	4	1	0	0	0	0	0	0	0
8	4	1	0	0	0	0	0	0	0
4	2	1	0	0	0	0	0	0	0
8	4	1	0	0	0	0	0	0	0

4	2	0	1	1	0	0	0	0	0
5	1	0	0	0	0	2	0	1	0
2	4	0	0	0	0	0	0	0	0
13	5	3	0	2	0	0	0	1	0
3	3	4	0	1	1	0	0	0	0
4	2	0	0	0	0	0	0	0	0
0	0	4	0	3	1	0	1	1	0
0	0	5	0	3	1	0	0	0	0
0	0	5	0	3	1	0	0	0	0
8	4	0	0	0	0	0	0	0	0
8	4	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
8	4	1	0	0	0	0	0	0	0
2	4	0	0	0	0	0	0	0	0
9	3	0	0	0	0	0	0	0	0
7	5	8	0	4	2	0	0	0	1
3	3	0	0	0	0	0	0	0	0
4	2	0	0	0	0	0	0	0	0
3	3	0	0	0	0	0	0	0	0
3	3	0	0	0	0	0	0	0	0
0	0	4	0	3	1	0	1	1	0
9	3	0	0	0	0	0	0	0	0
3	3	1	0	0	0	0	0	0	0
4	2	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	2	0	1	1	0	1	0	0
8	4	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
8	4	0	0	0	0	0	0	0	0
4	2	1	0	0	0	0	0	0	1
10	2	0	0	0	0	0	0	1	0
2	4	0	0	0	0	0	0	0	0
9	3	3	0	1	1	0	0	1	0
4	2	1	0	0	0	0	0	1	0
4	2	0	0	0	0	0	0	0	0
6	6	0	0	0	0	0	0	0	0
3	3	0	0	0	0	0	0	0	0
4	2	0	0	0	0	0	0	0	0
3	3	2	0	1	1	0	0	0	0
3	3	2	0	1	1	0	0	0	0
2	4	0	0	2	0	0	0	0	0
2	4	0	0	0	0	0	0	0	0
7	5	0	0	0	0	0	0	0	0
8	4	4	0	3	1	0	0	0	0
3	9	2	0	0	0	0	0	0	0
4	2	1	0	0	0	0	0	0	0
3	3	2	0	0	2	0	0	0	0
4	2	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
3	3	4	0	1	1	0	0	0	0



4	8	0	0	0	0	0	0	1	0
8	4	1	0	0	0	0	0	0	0
10	8	0	0	0	0	0	0	0	0
9	3	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
2	4	0	0	0	0	0	0	0	0
8	4	1	0	0	0	0	0	0	0
15	3	2	0	0	2	0	0	3	1
3	3	0	0	0	0	0	0	0	0
14	4	0	0	0	0	0	0	0	0
4	2	0	0	0	0	0	0	0	0
9	3	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
4	2	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	3	0	1	1	0	0	1	0
8	4	0	0	0	0	0	0	1	0
8	4	0	0	0	0	0	0	0	0
3	3	0	0	0	0	0	0	0	0
14	4	0	0	0	0	0	0	0	0
5	1	3	0	2	0	0	0	0	0
2	4	1	0	0	0	0	0	0	0
7	3	0	0	0	0	0	0	0	0
10	2	0	0	0	0	0	0	0	0
9	3	1	0	0	0	0	0	0	0
6	6	0	0	2	0	0	0	3	0
10	2	0	0	0	0	0	0	0	0
3	3	0	1	1	0	0	0	0	0
3	3	0	1	1	0	0	0	0	0
8	4	0	0	0	0	0	0	0	0
4	2	0	0	0	0	0	0	0	0
3	3	0	0	0	0	0	0	0	0
8	4	0	0	0	0	0	0	0	0
0	0	3	0	1	1	0	0	0	0
9	3	6	0	2	2	0	0	2	0
4	2	3	0	2	0	0	0	0	0
3	3	0	0	0	0	0	0	0	0
14	4	0	0	0	0	0	0	0	0
1	5	4	0	0	1	0	1	0	0
0	0	3	0	1	1	0	0	0	0
8	4	1	0	0	0	0	0	0	0
14	4	2	0	0	2	0	0	0	0
6	6	0	0	0	0	0	0	0	0
7	5	0	0	0	0	0	0	0	0
7	5	1	0	0	0	0	0	0	0
3	3	1	0	0	0	0	0	0	0
12	6	0	0	0	0	0	0	0	0
3	3	0	0	0	0	0	0	0	0
0	0	3	0	1	1	0	0	0	0
8	4	0	0	0	0	0	0	1	0

8	4	0	0	0	0	0	0	0	0
0	0	3	0	1	1	0	0	0	0
6	6	0	0	2	0	0	0	3	0
0	0	3	0	2	0	0	0	0	0
14	4	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	5	0	3	1	0	0	0	0
3	9	2	0	0	0	0	0	0	0
0	0	4	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0	1	0
0	0	3	0	1	1	0	0	1	0
4	2	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	2	0	0	0	0	0
4	8	0	0	0	0	0	0	1	0
2	4	4	0	0	1	0	0	0	0
1	5	4	0	0	1	0	0	0	0
15	3	2	0	0	2	0	0	3	1
4	2	1	0	0	0	0	0	0	0
4	2	3	0	2	0	0	0	0	0
7	5	0	0	0	0	0	0	0	0
1	5	4	0	0	1	0	0	0	0



0	0	0	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	0	0
0	5	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	0	0
0	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	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	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0	0	0
0	0	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	0	0	0
0	1	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	1	0	0	0	0
0	0	1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	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	0	0
0	1	0	1	0	0	0	0	0	0
0	0	0	1	0	0	0	0	0	0
0	1	0	0	0	0	0	0	0	0
0	0	0	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	1	0	2	0	0	0	0	0	0
0	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	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	2	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	1	0	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	1	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	0
0	0	0	0	0	0	0	0	0	0
0	2	0	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	0	0
0	1	1	0	0	0	0	0	0	0
0	0	1	0	0	0	0	1	0	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	0	0	0	0	0	0
0	0	0	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	1	0	0	0	1
1	2	1	0	0	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
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	2	0	0
0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0	1	0
0	0	0	0	0	0	0	2	0	0
0	0	0	0	0	0	1	0	1	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	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	0	0
0	0	0	1	0	0	0	0	0	0





















0	0	0	0	0	0	0	2	1	0
0	0	0	0	0	0	0	1	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	2	0	0
0	0	0	0	0	0	0	6	0	2
0	0	0	0	0	0	0	1	1	0
0	0	0	0	0	0	0	1	1	0
0	0	0	0	0	0	0	3	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	2	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	1	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	6	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	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	0	0
0	0	0	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	0	0
0	0	0	0	0	0	0	1	0	0
0	0	0	0	0	0	0	1	0	0
0	0	0	0	0	0	0	2	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	0	1	0	0
0	0	1	1	0	0	0	1	0	1
0	0	1	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	1	1	0
0	0	1	1	0	0	0	0	0	0
0	0	0	0	0	0	0	3	0	1
0	0	2	1	0	1	0	0	0	0
0	0	0	0	0	0	0	1	0	0
0	0	0	0	0	0	0	0	0	0
0	0	1	1	0	0	0	1	0	0
0	0	1	1	0	0	0	1	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	1	0	0	0	0	0	0
1	0	1	1	0	0	0	0	0	0
0	0	1	1	0	0	0	0	0	0
0	0	1	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	1	1	0	0	0	0	0	0
0	0	1	1	0	0	0	0	0	0
0	0	0	0	0	0	0	1	0	0
0	0	1	1	0	0	0	0	0	0

0	0	1	1	0	0	0	0	0	0
0	0	0	0	0	0	0	2	0	1
0	0	1	1	0	0	0	2	0	0
0	0	0	0	0	0	0	1	0	0
0	0	1	1	0	0	0	2	0	0
0	0	2	1	1	0	0	0	0	0
0	0	0	0	0	0	0	3	0	1
0	0	0	0	0	0	0	3	2	1
0	0	1	1	0	0	0	0	0	0
0	0	1	1	0	0	0	5	0	0
0	0	0	0	0	0	0	6	0	0
0	0	1	1	0	0	0	1	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	1	0	0
0	0	0	0	0	0	0	2	1	0
0	0	1	1	0	0	0	0	0	0
0	0	1	1	0	0	0	0	0	0
0	0	0	0	0	0	0	3	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	1	0	0
0	0	0	0	0	0	0	0	0	0
0	0	1	1	0	0	0	0	0	0





0	0	0	3	0	0	0	0	0	0
0	0	0	1	0	0	0	0	1	0
0	0	0	0	1	0	0	0	0	1
0	0	0	4	0	0	0	0	0	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	0	0	0	0	0	1
1	0	0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	1
0	0	1	0	0	0	0	0	0	1
3	1	6	0	0	0	0	0	0	0
1	1	2	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1	1	0	0	0	0	0	0	0	0
0	0	1	0	0	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
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	1
0	0	0	2	0	0	0	0	0	0
0	0	0	1	0	0	0	0	0	1
0	0	2	1	0	0	0	0	0	2
0	0	2	1	0	0	0	0	0	2
0	0	0	0	0	0	0	0	0	2
0	0	0	0	0	0	0	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	0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	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	4	0	0	0	0	0	0
2	0	0	0	0	0	0	1	0	1
0	0	1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	2
0	0	0	0	0	0	0	1	0	0
0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	1
0	1	0	1	0	0	0	0	0	0
0	2	0	1	0	0	0	0	0	0
0	1	0	1	0	0	0	0	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	3	0	0	0	0	0	0
3	2	5	0	0	0	0	0	0	0



2	0	4	4	0	0	0	0	0	0
0	1	0	0	0	0	0	0	0	2
0	0	0	1	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0
0	1	0	1	0	0	0	0	0	0
1	0	0	0	1	0	0	0	0	0
2	1	1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	1	0	0
1	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1	0	1	0	0	0	0	1	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	1
0	0	0	0	1	0	0	0	0	0
5	1	6	0	0	0	0	0	0	0
0	0	0	1	1	0	0	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0
0	0	0	2	0	0	0	0	0	0
1	0	0	1	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0
0	2	0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1	0	0	1	0	0	0	0	0	0
0	0	0	1	0	0	0	0	0	0
0	0	0	0	1	0	0	0	0	0
0	0	0	1	0	1	0	0	1	0
1	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	1	0	0	0	0	0
0	0	0	0	0	1	0	0	0	0
0	0	0	1	0	0	0	0	0	0
0	0	0	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	0	0
0	0	0	2	0	1	0	0	0	0
0	1	0	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	2
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	0	0
0	0	0	4	0	0	0	0	0	0
0	0	0	0	1	0	0	0	0	1
0	0	0	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	2
0	0	0	1	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	1
1	0	0	0	0	0	0	0	0	0
0	0	0	1	1	0	0	0	0	0

0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0
0	2	0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	1	0	0
1	1	0	0	0	0	0	0	0	0
0	0	0	0	1	0	0	0	0	0
1	1	0	0	0	0	0	0	0	0
1	1	2	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	1
3	2	5	0	0	0	0	0	0	0
5	1	6	0	0	0	0	0	0	0
1	0	0	1	0	0	0	0	0	0
0	0	0	0	1	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0
2	0	4	4	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	1
0	0	0	1	0	0	0	0	0	1
2	1	1	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	0	0
0	0	2	1	0	0	0	0	0	2
0	0	0	1	0	0	0	0	0	1



0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	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	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	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
0	0	0	0	0	0	0	0	0	0
0	0	0	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	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	2	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	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	1	0	0	0	0	0	0	0
0	2	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0
0	0	0	0	0	0	1	0	0	0
0	1	1	0	0	0	0	0	0	0
0	0	1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	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
0	0	0	0	1	0	0	0	0	0
0	0	0	0	0	0	1	0	0	0







nPyrimidin	nPyrazines	nHDon	nHAcc	C-001	C-002	C-003	C-004	C-005	C-006
0	0	2	3	4	1	1	0	0	2
0	0	3	6	4	2	0	0	0	2
0	0	0	3	1	0	0	0	0	1
0	0	2	3	2	1	0	0	0	2
0	0	3	7	2	2	0	0	1	4
0	0	0	1	0	3	0	0	2	1
0	0	2	3	0	2	0	0	1	1
0	0	2	14	1	0	0	0	0	3
0	0	1	2	1	1	0	0	1	1
0	0	1	2	0	6	3	0	0	3
0	0	1	4	0	0	0	0	0	1
0	0	2	6	1	3	2	0	2	5
0	0	2	7	0	2	0	0	0	4
0	0	0	2	1	3	0	0	1	2
0	0	0	2	0	3	0	0	2	2
0	0	1	5	0	0	0	0	0	1
0	0	2	3	0	0	0	0	0	2
0	0	1	4	0	0	0	0	1	4
0	0	6	13	3	3	1	0	0	1
0	0	2	4	0	3	1	1	0	4
0	0	1	2	0	4	0	0	0	2
0	0	0	3	0	0	0	0	1	1
0	0	0	4	0	4	2	0	2	3
0	0	0	2	0	1	0	0	2	2
0	0	1	2	0	1	0	0	1	1
0	0	2	8	1	0	0	0	0	5
0	0	0	4	0	2	0	0	2	2
1	0	2	8	2	1	1	0	0	3
0	0	1	4	0	2	0	1	2	2
0	0	1	4	0	0	0	0	0	8
0	0	0	2	0	3	0	0	2	2
0	0	1	2	0	4	0	0	1	0
0	0	5	5	1	2	0	0	0	1
0	0	4	9	4	4	1	0	0	3
0	0	2	4	0	0	0	0	0	0
0	0	3	6	4	6	5	0	0	0
0	0	1	1	0	4	1	1	1	1
0	0	4	6	2	2	0	1	0	2
0	0	3	5	3	4	4	2	0	1
0	0	3	5	2	0	0	0	1	4
0	0	2	4	2	1	0	0	1	3
0	0	2	2	3	0	0	0	0	1
0	0	0	3	0	1	0	0	1	3
0	0	2	4	0	6	1	1	0	2
0	0	1	8	4	0	1	0	1	2
0	0	1	5	0	0	0	0	0	1
0	0	1	3	0	0	0	0	0	1
0	0	1	4	1	0	0	0	1	4
0	0	2	4	0	1	0	0	0	0



0	0	2	4	2	0	0	0	0	3
0	0	1	4	2	5	1	0	0	4
0	0	1	5	0	4	0	1	2	1
0	0	6	14	3	3	1	0	0	1
0	0	1	8	1	5	1	0	0	4
0	0	3	5	3	0	0	0	0	2
0	0	4	7	3	6	4	0	0	0
0	0	3	5	2	5	3	2	0	1
0	0	2	5	2	5	3	2	0	1
0	0	0	2	0	1	0	0	2	2
0	0	0	2	1	0	0	0	2	1
0	0	0	3	0	0	0	0	3	0
0	0	1	5	0	0	0	0	0	8
0	0	1	3	1	5	1	0	0	2
0	0	1	4	1	0	0	0	0	4
0	0	4	4	0	0	0	0	1	0
0	0	2	6	0	0	0	0	0	0
0	0	0	4	2	0	0	0	3	1
0	0	1	3	2	4	0	0	0	3
0	0	1	3	3	4	0	0	0	2
0	0	3	6	5	6	4	1	0	0
0	0	0	4	0	3	1	0	0	4
0	0	3	7	1	2	0	0	1	3
0	0	4	6	3	5	0	0	0	2
0	0	2	4	3	3	1	1	0	0
0	0	1	3	2	3	1	0	0	3
0	0	1	2	5	1	1	0	0	1
0	0	2	9	4	0	0	0	0	2
0	0	0	2	1	2	1	0	2	2
0	0	1	3	0	4	0	0	1	0
0	0	1	3	0	6	0	0	0	2
0	1	1	3	0	1	2	0	0	2
0	0	1	4	1	1	1	0	0	0
0	0	5	10	1	6	1	0	0	4
1	0	0	5	2	0	0	0	0	1
0	0	1	5	0	2	0	0	0	5
0	0	2	4	0	2	0	0	2	2
0	0	2	5	0	0	0	0	0	1
0	0	3	9	4	4	3	0	1	2
0	0	2	4	1	2	1	0	2	2
0	0	2	4	0	2	1	1	1	1
0	0	3	5	0	7	1	1	0	2
0	0	1	5	0	1	2	0	0	3
0	0	0	1	0	1	0	0	2	1
0	0	7	12	1	3	0	0	1	1
0	0	2	7	0	3	0	0	1	3
0	0	0	4	1	4	0	0	0	3
0	0	0	3	0	0	0	0	5	0
0	0	2	6	0	0	0	0	3	4
0	0	0	7	1	6	1	0	0	4

1	0	4	7	0	1	0	0	3	0
0	0	1	5	0	1	0	0	1	1
0	0	0	2	0	1	0	0	2	2
0	0	0	6	2	3	1	1	5	2
0	0	6	14	3	3	1	0	0	1
0	0	0	3	1	0	0	0	1	0
0	0	1	5	0	3	0	0	1	4
0	0	4	5	2	1	0	0	0	2
0	0	0	5	0	0	0	0	3	0
0	0	1	5	0	0	0	0	0	7
0	0	1	3	3	2	0	0	0	3
0	0	0	4	0	2	0	0	2	2
0	0	4	14	10	4	4	0	4	0
0	0	6	11	2	3	0	0	1	0
0	0	1	2	0	3	0	0	1	2
0	0	3	6	3	4	3	2	0	1
0	0	0	2	0	0	0	0	2	2
2	0	4	12	0	6	0	0	0	12
0	0	2	7	0	3	0	0	0	4
0	0	1	3	2	2	0	1	0	0
0	0	0	6	1	0	0	0	1	2
0	0	0	4	0	4	1	1	2	1
0	0	1	4	1	1	0	0	1	0
0	0	0	11	2	1	0	0	0	7
0	0	0	7	1	0	0	0	0	7
0	0	4	5	0	0	0	0	0	0
1	1	7	13	0	2	0	0	1	1
0	0	1	3	0	3	1	0	1	1
0	0	8	10	0	0	0	0	0	8
0	0	2	5	0	4	0	1	0	2
0	0	1	8	2	0	1	0	2	3
0	0	1	7	2	0	1	0	2	0
0	0	1	7	3	0	1	0	1	1
0	0	1	1	0	3	0	0	1	1
0	0	1	10	0	3	3	0	6	2
1	0	3	10	2	2	1	0	2	0
0	0	1	5	0	2	1	0	1	1
0	0	0	1	1	1	0	0	1	1
0	0	1	1	0	2	1	0	1	0
0	0	3	9	0	0	0	0	0	0
0	0	2	2	0	4	0	0	0	0
0	0	1	2	2	8	3	2	0	0
0	0	2	5	0	1	0	0	0	6
0	0	1	3	0	5	1	0	3	1
0	0	3	13	3	6	1	3	3	5
0	0	2	11	3	3	3	2	4	5
0	0	2	1	0	6	3	0	0	0
0	0	2	3	0	0	0	0	0	0
0	0	1	7	1	2	0	0	4	0
0	0	5	14	10	4	4	0	3	0

0	0	3	13	1	0	3	0	2	2
0	0	1	4	0	4	0	0	0	3
0	0	2	5	1	0	0	0	1	5
0	0	4	9	3	3	1	0	0	5
0	0	6	6	0	0	0	0	0	2
0	0	2	5	0	6	1	1	0	2
0	0	4	7	4	5	2	0	0	3
0	0	4	15	6	2	1	2	0	1
0	0	2	4	0	1	0	0	3	2
0	0	2	3	3	4	1	1	0	3
0	0	0	3	2	1	0	0	2	0
0	0	4	9	2	2	1	0	0	4
1	0	0	7	0	8	0	1	0	6
0	0	0	2	0	1	1	0	2	1
0	0	3	5	1	0	0	0	1	3
0	0	6	14	5	11	4	2	0	1
0	0	0	6	1	0	0	0	3	2
0	0	1	3	0	4	0	0	1	2
0	0	1	3	4	0	0	0	0	3
0	0	1	4	0	3	0	1	2	3
0	0	0	3	1	0	0	0	1	0
1	0	2	9	0	0	0	0	2	4
0	0	2	3	2	0	0	0	0	2
0	0	4	11	4	3	2	0	1	2
0	0	6	11	3	7	2	0	0	2
0	0	3	12	3	6	1	3	4	5
0	0	2	4	0	0	0	0	0	0
0	0	1	4	0	2	2	0	1	2
0	0	2	3	0	2	2	0	1	3
0	0	1	1	0	1	0	0	2	2
0	0	1	7	1	0	0	0	0	2
0	0	2	2	1	6	3	1	0	0
0	0	1	1	0	3	0	0	2	2
0	0	3	5	2	7	3	2	0	1
0	0	3	7	2	0	1	0	1	3
0	0	2	7	0	0	0	0	1	0
0	0	1	5	2	0	0	0	2	1
0	0	2	3	0	3	0	1	2	3
0	0	3	7	2	0	0	0	0	4
0	0	0	2	3	8	4	2	0	0
0	0	2	5	0	0	0	0	1	0
0	0	1	1	1	1	0	0	2	2
0	0	1	5	2	3	1	1	5	2
0	0	1	1	0	1	0	0	2	2
0	0	2	3	0	0	0	0	1	4
0	0	2	3	0	0	0	0	0	2
0	0	2	4	0	3	0	0	1	4
0	0	2	2	3	2	0	0	0	3
0	0	1	2	2	8	3	2	0	0
0	0	1	5	1	0	0	0	3	2

0	0	2	1	0	3	0	0	1	2
0	0	2	4	2	7	4	2	0	1
0	0	4	11	3	6	1	3	4	5
0	0	2	7	0	0	0	0	1	0
0	0	3	2	3	4	1	1	0	3
0	0	3	5	0	0	0	0	3	4
0	0	3	5	2	5	3	2	0	1
0	0	7	12	1	3	0	0	1	1
0	0	2	7	1	0	0	0	0	5
0	0	6	13	10	4	4	0	3	0
0	0	6	14	5	11	4	2	0	1
0	0	5	4	2	1	0	0	0	2
0	0	3	5	1	0	0	0	1	3
0	0	5	23	17	6	7	0	7	1
0	0	3	13	1	0	3	0	2	2
0	0	2	6	1	0	0	0	0	5
0	0	1	7	1	0	0	0	1	5
0	0	4	15	6	2	1	2	0	1
1	1	5	13	0	2	0	0	1	1
0	0	2	8	1	0	0	0	1	0
0	0	0	7	1	0	0	0	0	7
0	0	1	7	1	0	0	0	1	5





0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	1	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	4	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	1	0	0
0	1	0	0	0	0	0	0	0	0
0	2	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	0	0
0	9	2	3	0	0	0	0	0	0
0	4	1	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	1	0	2	0	0	0	3	1	0
0	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	2	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	2	0	0	1	0	0	0	0	0
0	1	0	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	2	0	1	0	0	1	1	0	0
0	0	0	0	0	0	0	0	2	0
0	0	0	0	0	0	0	0	2	0
0	0	0	0	0	0	0	0	2	0
0	0	0	0	0	0	0	1	1	0
0	3	0	0	0	0	0	0	0	0
0	2	0	0	0	0	0	2	0	0
0	5	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	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	0	0	0	0	0	1	1	0
0	0	0	0	0	0	0	3	0	0
0	0	0	1	0	0	0	0	0	0
0	3	0	2	0	0	0	2	0	0
0	3	0	1	0	0	0	3	1	0
0	0	0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	2	0	0
0	1	0	0	0	0	0	3	2	0
0	9	2	3	0	0	0	0	0	0

1	5	2	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	4	0	1	0	0	0	0	0	0
0	4	0	0	0	0	0	0	0	0
0	2	0	1	0	0	0	0	0	0
0	3	0	1	0	0	0	0	0	0
0	7	0	2	0	0	0	0	2	0
0	0	0	0	0	0	0	0	0	0
0	1	0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	3	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	11	3	1	0	0	0	1	1	0
0	2	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	1	0	0
0	0	0	0	0	0	0	0	0	0
0	2	0	0	0	0	0	0	0	0
0	4	0	0	0	0	0	0	0	0
0	4	0	1	0	0	0	0	0	0
0	3	0	2	0	0	0	2	0	0
0	0	0	1	0	0	0	0	0	0
0	2	0	0	0	0	1	1	0	0
0	1	0	0	0	0	1	1	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	1	0	0	0	0
0	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	1	0	1	0	0	0	1	1	0
0	0	0	0	0	0	0	0	2	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	0	0	0	0	0	0
0	1	0	0	0	0	0	0	1	1
0	0	0	0	0	0	0	1	1	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	2	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	1	1	0
0	2	0	0	0	0	0	0	0	0





C-019	C-020	C-022	C-024	C-025	C-026	C-027	C-028	C-029	C-031
0	0	0	8	3	1	0	0	0	0
0	0	0	3	1	2	0	0	0	0
0	0	0	8	2	2	0	0	0	0
0	0	0	4	1	1	0	0	0	0
0	0	0	2	1	3	0	0	0	0
0	0	0	8	4	0	0	0	0	0
0	0	0	5	5	2	0	0	0	0
0	0	0	7	4	1	0	0	0	0
0	0	0	9	2	1	0	0	0	0
0	0	0	5	1	0	0	0	0	0
0	0	0	6	1	2	1	1	0	0
0	0	0	3	3	0	0	0	0	0
0	0	0	2	1	3	0	0	0	0
0	0	0	9	2	1	0	0	0	0
0	0	0	7	2	3	0	0	0	0
0	0	0	7	2	3	0	0	0	0
0	0	0	3	0	3	0	0	0	0
0	0	0	7	1	4	0	0	0	0
0	0	0	13	3	2	0	0	0	0
0	0	0	13	4	1	0	0	0	0
0	0	0	5	3	1	1	1	0	0
0	0	0	8	2	2	0	0	0	0
0	0	0	7	3	2	0	0	0	0
0	0	0	8	3	1	0	0	0	0
0	0	0	9	2	1	0	0	0	0
0	0	0	1	1	1	0	0	2	0
0	0	0	7	4	1	0	0	0	0
0	0	0	0	0	0	1	1	0	0
0	0	0	2	2	2	0	0	0	0
0	0	0	9	2	1	0	0	0	0
0	0	0	8	2	2	0	0	0	0
0	0	0	4	1	1	0	0	0	0
0	0	0	8	3	1	0	0	0	0
0	0	0	13	4	1	0	0	0	0
0	0	0	7	2	3	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	8	4	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	2	1	3	0	0	0	0
0	0	0	4	1	1	0	0	0	0
0	0	0	3	2	1	0	0	0	0
0	0	0	6	3	0	1	0	1	0
0	0	0	2	2	2	0	0	0	0
2	0	0	4	1	1	0	0	0	0
0	0	0	8	2	2	0	0	0	0
0	0	0	8	2	2	0	0	0	0
0	0	0	5	1	2	0	0	0	0
0	0	0	8	2	2	0	0	0	0

0	0	0	4	0	2	0	0	0	0
0	0	2	5	1	0	0	0	0	0
0	0	0	2	2	2	0	0	0	0
0	0	0	13	3	2	0	0	0	0
1	0	0	3	1	1	0	1	0	0
0	0	0	4	0	2	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	8	0	4	0	0	0	0
0	0	0	8	0	4	0	0	0	0
0	0	0	2	0	1	2	0	0	0
0	0	0	8	1	3	0	0	0	0
0	0	0	2	3	1	0	0	0	0
0	0	0	9	1	2	0	0	0	0
1	0	0	7	3	2	0	0	0	0
0	0	0	3	0	1	0	1	0	0
0	0	0	4	1	1	0	0	0	0
0	0	0	3	2	1	0	0	0	0
0	0	0	3	2	1	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	9	3	0	0	0	0	0
0	0	0	3	1	2	0	0	0	0
0	0	0	4	0	2	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	2	2	0	0	0	0	0
0	0	0	8	3	1	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	8	2	2	0	0	0	0
0	0	0	4	2	0	0	0	0	0
0	0	0	10	2	0	0	0	0	0
0	0	0	2	2	0	2	2	0	0
1	0	0	9	2	1	0	0	0	0
0	0	0	4	2	0	0	0	0	0
0	0	0	5	2	1	2	0	0	0
0	0	0	6	3	2	0	0	1	0
0	0	0	3	3	0	0	0	0	0
0	0	0	4	1	0	0	1	0	0
0	0	0	3	3	0	0	0	0	0
0	0	0	3	3	0	0	0	0	0
0	0	0	2	2	2	0	0	0	0
0	0	0	2	2	2	0	0	0	0
0	0	0	7	1	4	0	0	0	0
0	0	0	8	4	0	0	0	0	0
0	0	0	3	6	3	0	0	0	0
0	0	0	4	2	0	0	0	0	0
0	0	0	5	3	1	1	1	0	0
0	0	0	4	0	2	0	0	0	0
0	1	0	2	0	0	0	0	0	0
1	0	0	3	1	1	0	1	0	0



0	0	0	4	3	5	0	0	0	0
0	0	0	8	2	2	0	0	0	0
0	0	0	10	2	2	0	2	0	0
0	0	0	11	4	0	2	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	2	2	2	0	0	0	0
0	0	0	8	2	2	0	0	0	0
0	0	0	15	3	0	0	0	0	0
0	0	0	3	3	0	0	0	0	0
0	0	0	14	4	0	0	0	0	0
0	0	0	6	3	0	0	1	0	0
0	0	0	9	1	2	0	0	0	0
0	0	0	1	0	0	2	0	0	0
0	0	0	7	1	1	1	1	0	0
0	0	0	0	0	0	0	1	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	8	1	3	0	0	0	0
0	0	0	8	3	1	0	0	0	0
0	0	0	3	2	1	0	0	0	0
0	0	0	14	3	1	0	0	0	0
1	0	0	5	0	1	0	0	0	0
0	0	0	4	1	2	0	1	1	0
0	0	0	7	2	1	0	0	0	0
0	0	0	10	2	0	1	1	0	0
0	0	0	11	2	0	0	2	0	0
0	0	0	6	4	2	0	0	0	0
0	0	0	10	2	0	0	0	0	0
0	0	0	4	2	1	1	1	0	0
0	0	0	3	3	1	1	1	0	0
0	0	0	8	0	4	0	0	0	0
0	0	0	5	1	1	1	2	0	0
0	0	0	3	2	1	0	0	0	0
0	0	0	8	2	2	0	0	0	0
0	0	0	0	0	0	0	0	0	0
2	0	0	9	2	1	0	0	0	0
2	0	0	7	1	1	1	0	1	0
0	0	0	3	2	2	1	2	0	0
0	0	0	14	3	1	0	0	0	0
0	0	0	1	1	4	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	8	2	0	0	1	0	0
0	0	0	14	3	1	0	0	0	0
0	0	0	6	2	4	0	0	0	0
0	0	0	7	0	5	0	0	0	0
0	0	0	7	1	4	0	0	0	0
0	0	0	3	0	3	0	0	0	0
0	0	0	12	2	2	0	1	0	0
0	0	0	4	1	2	1	1	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	8	1	3	0	0	0	0

0	0	0	8	2	2	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	6	4	2	0	0	0	0
2	0	0	4	0	1	1	0	1	0
0	0	0	14	4	0	0	0	0	0
0	1	0	2	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	3	6	3	0	0	0	0
0	0	0	1	1	1	0	0	2	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	4	1	1	0	0	0	0
0	0	0	0	0	0	0	1	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	4	3	5	0	0	0	0
0	0	0	2	1	3	0	0	0	0
0	0	0	1	1	4	0	0	0	0
0	0	0	15	3	0	0	0	0	0
0	0	0	4	1	1	1	2	1	1
2	0	0	5	1	1	0	0	1	0
0	0	0	7	1	4	1	0	0	0
0	0	0	1	1	4	0	0	0	0

C-032	C-033	C-034	C-035	C-038	C-039	C-040	C-041	C-042	C-043
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	1	1	0	0	0
0	0	0	0	0	1	0	0	0	2
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	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	1	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	1	1	0	0	0
0	1	1	0	0	0	1	1	0	0
0	0	0	0	0	1	1	0	0	0
0	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	1	0	0	0
0	0	0	0	0	0	0	1	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	6	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	1	1	0	0	0
0	0	0	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	1	1	0	0	0	0	0	0	0
0	0	0	0	0	1	1	0	0	0
0	0	0	0	0	0	1	0	0	0
1	0	0	0	0	0	2	0	1	1
0	0	0	0	0	0	0	0	0	0
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	0	0	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	2	1	0	0
0	0	0	0	0	1	1	0	0	0
0	0	0	0	0	0	2	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	2	0	0
0	0	0	0	2	0	0	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	2	0	0	0
0	0	0	0	0	1	1	0	0	0
0	0	0	0	0	1	1	0	0	0
0	0	1	1	0	0	1	0	0	0
0	0	0	0	0	1	0	1	0	0

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	1	0	0	0	0	0
0	0	0	0	0	0	6	0	0	0
0	0	1	0	0	0	2	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	2	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	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	1	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	1	0	1	0	0	0
0	0	1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	1	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	2	0	0	0
0	0	0	0	0	0	0	1	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	0	1	0	0
0	0	0	0	0	0	2	1	0	0
0	2	2	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	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	0	0	0
0	1	1	0	0	0	1	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	1	0	1	0	0	0
0	0	0	0	0	0	4	0	0	0
0	0	1	0	0	0	2	0	0	1
0	0	1	0	0	0	1	0	0	0
0	1	1	0	0	0	0	1	0	0
0	0	1	0	0	0	0	0	0	0
0	0	1	1	0	0	3	0	0	0
0	1	1	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
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	2	0	0	0	0
0	0	0	0	0	1	0	0	0	0
0	0	0	0	0	0	0	1	0	0
0	0	0	0	0	0	0	1	0	0
0	0	2	0	0	0	0	0	0	0
0	0	1	0	0	0	2	0	0	0



1	0	0	0	0	0	0	0	0	0
0	0	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	0	0	0
0	0	0	0	0	0	5	1	0	0
0	0	0	0	0	0	1	0	0	0
0	0	1	0	0	0	0	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	1	0	0	0	1	1	1	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	1	0	1	0	0	0
0	0	0	0	1	2	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	2	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	2	0	0
0	0	0	0	0	0	2	0	0	0
0	0	1	0	0	0	2	0	1	0
0	0	0	0	1	0	0	0	0	0
0	0	2	0	0	0	2	0	0	0
0	0	0	0	0	0	1	1	1	0
0	1	0	0	0	0	1	0	1	0
1	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	3	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	2	0	0	0	0
0	0	0	0	1	0	0	0	0	0
0	0	0	0	0	0	2	0	0	0
0	0	0	0	0	0	2	0	0	0
0	0	0	0	0	0	2	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	2	0	0	0	2	0	0	0
1	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	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	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	1	0	0	0	0	0
0	0	0	0	0	0	0	1	0	0
0	0	0	0	0	0	0	0	0	0
0	0	2	0	0	0	4	0	0	0
0	0	2	0	0	0	3	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	1	0	0
0	0	0	0	1	0	1	0	0	0
0	0	0	0	1	0	1	0	0	0

0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	1	0	0	0	0
0	0	2	0	0	0	0	0	0	2
0	0	0	0	0	0	2	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	1	0	0	0	0	0
0	0	0	0	0	0	2	0	0	0
0	0	0	0	1	0	5	0	0	0
0	1	1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	1	1	0	0	0	1	0	0	1
0	0	0	0	0	0	0	1	0	0
1	0	0	0	0	0	2	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	1	1	1	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	2	0	0	0
0	1	1	0	0	0	0	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	1	0	0	0
1	1	1	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	0
0	1	1	0	0	0	1	2	1	1
0	0	0	0	0	0	4	0	0	0
0	0	2	0	0	0	3	0	0	0
0	0	0	0	0	0	1	1	0	0
0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	2	0	0	0	0	0
0	0	0	0	0	0	2	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	1	0	0	0	0	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	1	1	0	0	0
0	0	0	0	2	0	0	0	0	0
0	0	1	0	0	1	0	1	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	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	0	0	0
0	0	0	0	0	0	0	1	0	0
0	0	1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	1	0	0	0	0	0
0	0	0	0	0	0	2	0	0	0

0	0	0	0	0	0	0	0	0	0
0	0	0	0	2	0	0	0	0	0
0	0	2	0	0	0	3	0	0	0
0	1	1	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	2	0	0	0	0	0	0	0
0	0	0	0	2	0	0	0	0	0
0	0	0	0	1	2	0	0	0	0
0	0	0	0	0	1	1	0	0	0
0	0	0	0	1	0	1	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	1	0	0	0	1	1	1	0
0	0	0	0	0	0	11	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	1	1	0	0	0
0	0	0	0	0	1	1	0	0	0
0	0	0	0	1	0	5	0	0	0
1	0	0	0	0	0	3	0	0	0
0	0	1	0	0	0	1	0	0	0
0	1	0	0	0	0	1	0	1	0
0	0	0	0	0	1	1	0	0	0

C-044	H-046	H-047	H-048	H-049	H-050	H-051	H-052	H-053	H-054
0	1	14	0	0	2	0	14	0	0
0	5	9	0	0	3	5	6	0	0
0	0	10	0	0	0	3	0	0	0
0	2	13	0	0	2	0	6	0	0
0	0	14	0	0	3	0	10	0	0
0	4	17	0	0	0	0	2	0	0
0	0	11	0	0	2	0	4	0	0
0	0	15	1	0	2	0	3	0	0
0	3	15	0	0	1	0	0	2	0
0	8	13	0	0	1	0	5	2	0
0	0	8	0	1	1	0	0	0	0
0	2	23	1	0	2	1	6	2	0
0	0	11	1	0	2	0	4	0	0
0	0	17	0	0	0	0	7	2	0
0	4	17	0	0	0	0	0	2	0
0	0	9	0	0	1	0	0	0	0
0	0	7	0	0	2	0	0	0	0
0	0	18	0	0	1	0	0	0	0
0	7	21	0	0	6	0	9	0	0
0	0	21	0	0	2	0	7	0	0
0	4	9	0	1	1	0	4	0	0
0	0	13	0	0	0	0	0	0	0
0	5	19	0	0	0	1	4	0	0
0	0	19	0	0	0	0	2	0	0
0	0	15	1	0	1	0	0	2	0
0	0	11	1	0	2	0	3	0	0
0	0	17	0	0	0	0	4	0	0
0	0	6	0	2	2	6	2	1	0
0	0	16	0	0	1	0	2	2	0
0	0	26	0	0	1	0	0	0	0
0	4	18	0	0	0	0	0	2	0
0	4	7	0	0	1	2	2	0	0
0	2	12	0	0	5	0	5	0	0
0	12	23	0	0	4	0	5	4	0
0	0	7	1	0	2	0	0	0	0
0	19	6	0	0	3	3	5	2	0
0	7	13	0	0	1	0	2	0	0
0	10	4	0	0	4	0	0	0	0
0	16	6	0	0	3	0	5	0	0
0	0	13	0	0	3	0	6	0	0
0	0	15	0	0	2	0	8	0	0
0	6	6	0	0	2	0	3	0	0
0	2	16	0	1	0	0	0	0	0
0	6	10	0	0	2	0	7	0	0
0	1	12	0	0	1	0	12	0	0
0	0	10	0	0	1	0	0	0	0
0	0	10	0	0	1	0	0	0	0
0	0	16	0	0	1	3	0	0	0
0	0	8	0	0	2	2	0	0	0

0	0	15	0	0	2	0	6	0	0
0	10	13	0	0	1	0	7	0	0
0	0	12	0	0	1	2	6	0	0
0	7	21	2	0	6	0	9	0	0
0	0	12	0	0	1	1	13	0	0
0	0	10	0	0	3	3	6	0	0
0	15	7	0	0	4	3	3	4	0
0	14	6	0	0	3	0	5	0	0
0	14	5	0	0	2	3	2	0	0
0	0	18	0	0	0	0	0	2	0
0	0	17	0	0	0	0	3	0	0
0	0	11	0	2	0	0	0	0	0
0	0	24	0	0	1	0	0	0	0
0	8	6	0	0	1	2	4	0	0
0	0	19	0	0	1	0	3	0	0
0	0	13	0	0	4	0	0	0	0
1	0	3	0	0	2	0	0	0	0
0	0	16	0	0	0	0	6	0	0
0	6	9	0	0	1	2	6	0	0
0	11	8	0	0	1	0	6	0	0
0	22	6	0	0	3	2	5	2	0
0	0	19	0	0	0	0	7	0	0
0	0	13	0	0	3	0	7	0	0
0	6	10	0	0	4	0	13	0	0
0	16	0	0	0	2	0	0	0	0
0	8	9	2	0	1	1	4	0	0
0	4	12	0	0	1	0	14	0	0
0	0	7	0	0	2	0	0	12	0
0	7	18	0	0	0	0	0	1	0
0	0	10	1	0	1	0	4	4	0
0	0	17	0	0	1	0	8	4	0
0	2	6	0	2	1	0	2	0	0
0	1	9	0	0	1	5	0	0	0
0	10	14	0	0	5	0	4	2	0
0	0	7	0	2	0	3	3	0	0
0	0	16	0	0	1	2	2	0	0
0	0	14	1	0	2	0	4	0	0
0	0	6	0	0	2	0	0	0	0
0	13	14	0	0	3	1	8	1	0
0	3	16	1	0	2	1	4	0	0
0	0	12	0	0	2	0	5	0	0
0	6	9	0	0	3	0	9	0	0
0	1	13	2	0	1	0	2	1	0
0	0	19	0	0	0	0	2	0	0
0	0	12	1	0	7	0	5	2	2
0	2	13	0	0	2	2	2	0	0
0	4	11	0	1	0	0	7	0	0
0	0	19	0	0	0	0	0	0	0
0	0	19	1	0	2	0	0	0	0
0	2	11	0	0	0	3	11	0	0

0	2	11	0	1	4	0	0	0	0
0	0	15	0	0	1	0	0	2	0
0	0	17	0	0	0	0	0	2	0
0	9	25	0	0	0	0	4	0	0
0	7	15	2	0	6	0	9	0	0
0	0	9	0	0	0	0	3	0	0
1	0	24	0	0	1	0	2	4	0
0	0	10	0	0	4	2	6	0	0
0	0	9	0	1	0	0	0	0	0
0	0	24	0	0	1	0	0	0	0
0	0	11	0	1	1	0	13	0	0
0	0	17	0	0	0	0	4	0	0
0	15	21	2	0	4	3	19	3	2
0	0	10	1	0	6	3	5	2	2
0	4	15	0	0	1	0	0	2	0
0	16	6	0	0	3	0	4	0	0
0	0	21	0	0	0	0	0	0	0
0	4	24	0	0	4	0	8	0	0
0	0	16	0	0	2	0	0	6	0
0	8	0	0	0	1	2	0	0	0
0	0	10	0	1	0	0	3	0	0
0	2	12	0	0	0	2	5	0	0
0	0	10	0	0	1	5	0	0	0
0	3	27	0	3	0	0	5	0	0
0	0	22	1	2	0	3	0	0	0
0	0	3	0	0	4	0	0	0	0
0	0	10	0	1	7	2	2	0	0
0	2	11	0	0	1	1	4	0	0
0	0	20	0	0	8	0	0	0	0
0	0	11	0	0	2	2	6	0	0
0	1	21	0	0	1	0	6	0	0
0	1	10	0	0	1	0	6	0	0
0	1	9	0	0	1	0	9	0	0
0	4	14	0	0	1	0	2	0	0
0	1	30	0	0	1	1	7	0	0
0	6	14	0	0	3	3	0	2	0
0	0	15	0	0	1	1	0	4	0
0	0	11	1	0	0	0	5	0	0
0	3	11	0	0	1	0	2	0	0
0	0	10	0	1	3	0	0	0	0
0	6	4	0	0	2	2	0	0	0
0	21	2	0	0	1	2	2	0	0
0	0	19	0	1	2	0	0	2	0
0	6	15	0	0	1	0	4	1	0
0	10	30	0	1	3	3	9	0	0
0	11	34	0	0	2	4	3	0	0
0	9	0	0	0	2	0	6	0	0
0	0	10	0	0	2	0	0	0	0
0	2	17	0	0	1	3	2	0	0
0	15	18	2	0	5	3	19	3	2

0	1	19	4	0	3	1	0	4	0
0	0	14	0	0	1	2	2	4	0
0	0	23	0	0	2	0	3	0	0
0	2	25	0	2	4	1	13	0	0
0	0	8	0	0	6	0	0	0	0
0	4	8	0	0	2	2	7	0	0
0	12	17	0	0	4	0	12	0	0
0	12	24	0	0	4	6	0	5	0
0	0	16	1	0	2	0	2	0	0
0	9	21	0	0	2	0	9	0	0
0	6	12	1	0	0	2	0	0	0
0	6	20	0	0	4	0	3	2	0
0	8	13	0	2	0	4	4	0	0
0	0	15	0	1	0	1	2	0	0
0	0	9	0	1	3	3	0	0	0
0	17	14	3	0	6	0	18	0	6
0	0	23	0	0	0	3	0	0	0
0	0	16	1	0	1	0	8	0	0
0	6	9	0	0	1	0	6	0	0
0	0	26	0	0	1	0	2	4	0
0	0	9	0	0	0	0	3	0	0
0	0	18	1	0	2	0	0	0	0
0	0	13	0	0	2	0	6	0	0
0	12	21	1	2	4	1	5	2	0
0	9	19	0	0	6	2	14	0	0
0	10	33	0	0	3	3	9	0	0
0	0	10	0	0	2	0	0	0	0
0	1	16	0	1	1	0	5	0	0
0	1	16	0	1	2	0	5	0	0
0	0	18	0	0	1	0	0	2	0
1	3	9	0	1	1	0	0	0	0
0	16	4	0	0	2	0	2	0	0
0	4	18	0	0	1	0	0	2	0
0	16	4	0	0	3	2	5	0	0
0	1	18	0	0	3	0	6	0	0
0	0	10	0	1	2	0	0	0	0
1	6	11	0	1	1	0	0	0	0
0	0	26	0	0	2	0	2	4	0
0	0	10	1	0	3	0	6	0	0
0	23	1	0	0	0	6	0	0	0
1	0	11	0	0	2	0	0	0	0
0	5	24	0	0	1	0	0	0	0
0	9	25	0	0	1	0	4	0	0
0	0	17	0	0	1	0	0	2	0
0	0	18	0	0	2	0	0	0	0
0	0	7	0	0	2	0	0	0	0
1	0	24	0	0	2	0	2	4	0
0	0	11	0	1	2	0	13	0	0
0	21	2	0	0	1	2	2	0	0
0	0	23	0	0	1	3	0	0	0

0	4	15	0	0	2	0	0	2	0
0	18	4	0	0	2	3	3	0	0
0	10	33	0	0	4	3	9	0	0
0	0	7	1	1	2	0	0	0	0
0	9	21	0	0	3	0	9	0	0
0	0	19	1	0	3	0	0	0	0
0	14	6	0	0	3	0	5	0	0
0	0	12	1	0	7	0	5	2	2
0	0	11	1	0	2	0	3	0	0
0	15	18	2	0	6	3	19	3	2
0	17	14	3	0	6	0	18	0	6
0	0	10	0	0	5	2	6	0	0
0	0	9	0	1	3	3	0	0	0
0	51	36	0	0	5	0	19	0	0
0	1	19	4	0	3	1	0	4	0
0	0	12	1	0	2	0	3	0	0
0	0	15	1	0	1	0	3	0	0
0	12	24	0	0	4	6	0	5	0
0	0	10	0	1	5	2	2	0	0
0	0	8	0	0	2	3	0	0	0
0	0	22	1	2	0	3	0	0	0
0	0	15	1	0	1	0	3	0	0



O-056	O-057	O-058	O-059	O-060	O-061	O-062	N-066	N-067	N-068
1	1	0	0	0	0	0	0	0	1
1	0	2	0	1	0	0	0	1	0
0	0	0	0	0	0	0	0	0	0
1	0	0	0	1	0	0	0	1	0
0	0	3	0	1	0	0	0	0	1
0	0	0	0	0	0	0	0	0	1
0	2	0	0	0	0	0	0	0	1
0	0	1	2	0	0	0	0	0	1
0	0	0	0	1	0	0	0	1	0
1	0	0	0	0	0	0	0	0	1
0	0	1	0	0	0	0	0	0	0
0	0	2	0	0	0	0	0	0	2
0	1	2	0	0	0	0	0	1	0
0	0	0	1	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	1
0	0	1	0	0	2	0	0	0	0
0	0	0	0	0	0	0	0	1	0
0	0	0	0	0	0	0	0	0	2
0	1	6	0	1	0	0	0	0	0
0	0	1	0	1	0	0	0	0	1
0	0	0	0	0	0	0	0	1	0
0	0	1	0	0	0	0	0	0	0
0	0	1	0	2	0	0	0	0	1
0	0	0	0	1	0	0	0	0	1
0	0	0	0	1	0	0	0	1	0
0	1	2	0	0	0	0	0	1	0
0	0	0	1	0	0	0	0	0	1
0	0	2	0	2	0	0	0	0	0
1	0	0	0	2	0	0	0	0	1
1	0	0	1	0	0	0	0	0	2
0	0	0	0	0	0	0	0	0	1
0	0	1	0	0	0	0	0	1	0
1	1	1	0	0	0	0	0	1	0
1	0	3	0	1	0	0	0	0	0
1	0	1	0	0	0	0	0	0	0
2	1	2	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0	1	0
0	0	2	0	2	0	0	0	0	0
3	0	2	0	0	0	0	0	0	0
0	0	1	0	1	0	0	0	0	1
1	0	0	1	1	0	0	0	1	0
0	0	0	0	1	0	0	1	0	0
0	0	0	0	0	0	0	0	0	1
1	1	0	0	1	0	0	0	0	1
0	0	2	1	2	2	0	0	1	0
0	0	1	0	0	2	0	0	0	0
0	0	1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	2
0	0	2	0	0	0	0	0	0	0

1	0	0	0	2	0	0	0	1	0
1	0	1	0	1	0	0	0	0	1
1	0	1	0	2	0	0	0	0	1
0	1	6	0	2	0	0	0	0	0
1	0	1	0	1	0	0	0	0	1
1	0	1	0	1	0	0	0	1	0
3	1	2	0	1	0	0	0	0	0
3	0	2	0	0	0	0	0	0	0
2	0	3	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	1
0	0	1	0	1	0	0	0	0	0
1	0	0	1	0	0	0	0	0	2
0	0	1	0	1	0	0	0	0	0
0	0	0	1	2	0	0	0	1	0
0	0	1	0	2	0	0	0	0	0
0	0	0	0	1	0	0	0	0	0
0	0	1	0	1	0	0	0	0	1
0	0	1	0	0	0	0	0	0	1
0	0	1	0	0	0	0	0	0	1
2	1	2	0	1	0	0	0	0	0
0	0	1	0	1	0	0	0	0	1
0	0	3	0	1	0	0	0	0	1
1	0	1	0	1	0	0	0	1	0
0	0	2	0	0	0	0	0	0	0
0	1	1	0	0	0	0	0	0	1
0	1	0	0	0	0	0	0	0	1
0	0	2	6	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	1
0	0	1	0	1	0	0	0	0	1
1	0	1	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0	1	0
0	1	2	0	1	0	0	0	0	0
0	0	3	0	2	0	0	1	1	0
0	0	1	0	0	0	0	0	0	0
0	0	1	0	0	0	0	0	0	1
0	0	1	0	1	0	0	0	0	1
0	0	2	0	1	0	0	0	0	0
1	0	3	1	0	0	0	0	0	1
1	0	1	0	0	0	0	0	0	1
1	1	0	0	1	0	0	0	0	1
2	1	0	0	1	0	0	0	0	1
0	0	0	0	3	0	0	0	1	0
0	0	0	0	0	0	0	0	0	1
3	2	3	2	1	0	0	1	0	0
0	0	0	1	1	0	0	1	0	0
0	0	1	0	1	0	0	0	0	0
0	0	1	0	1	0	0	0	0	0
0	0	0	0	1	2	0	0	2	1
0	0	1	0	1	0	0	0	0	1

0	0	0	0	3	0	0	0	0	0
0	0	0	0	1	0	0	0	1	0
0	0	0	0	0	0	0	0	0	1
0	0	0	0	4	0	0	0	0	1
0	1	6	0	2	0	0	0	0	0
0	0	1	0	0	0	0	0	0	1
0	0	0	0	1	0	0	0	0	1
1	0	1	0	1	0	0	0	1	0
0	0	2	0	0	0	0	0	0	0
0	1	1	1	0	0	0	0	0	2
0	0	0	0	0	0	0	0	0	1
0	0	0	1	0	0	0	0	0	1
4	0	2	6	1	0	0	0	0	1
2	2	3	2	1	0	0	1	0	0
0	0	0	0	0	0	0	0	1	0
3	0	2	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	0	1
4	0	0	0	0	0	0	0	0	0
0	0	2	0	0	0	0	0	0	1
0	0	2	0	0	0	0	0	0	0
0	0	2	0	1	0	0	0	0	0
0	0	1	0	2	0	0	0	0	1
0	1	2	0	1	0	0	0	0	0
0	0	1	2	1	0	0	0	0	0
0	0	1	2	1	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	2	3	0	0	0	0	0	0	0
0	0	1	0	1	0	0	0	1	0
2	2	2	0	0	0	0	0	2	0
1	1	1	0	1	0	0	0	0	1
0	0	2	0	2	2	0	0	1	1
0	0	2	0	2	2	0	0	1	0
0	0	2	0	2	2	0	0	1	0
0	0	0	0	0	0	0	0	1	0
0	0	2	1	6	0	0	0	0	1
2	1	3	0	0	0	0	0	0	0
1	0	1	1	1	0	0	0	0	1
0	0	0	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	1	0
0	2	3	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1	0	1	0	0	0	0	0	0	0
0	0	1	0	0	0	0	0	1	1
1	0	0	0	1	0	0	0	0	1
2	0	4	0	4	0	0	0	0	2
1	0	3	0	4	0	0	0	0	2
0	0	0	0	0	0	0	1	0	0
0	0	1	0	0	0	0	0	0	0
0	0	2	1	3	0	0	0	0	0
5	0	2	5	1	0	0	0	0	1

2	1	1	4	5	0	0	0	0	0
1	0	1	0	0	0	0	0	0	1
0	0	0	0	1	0	0	0	0	1
2	0	2	0	0	0	0	0	0	2
6	0	0	0	0	0	0	0	0	0
1	1	1	0	1	0	0	0	0	1
1	1	2	0	0	0	0	0	0	1
3	0	6	1	4	0	0	0	0	0
0	0	2	0	0	0	0	0	1	1
2	0	0	0	0	0	0	0	0	1
0	0	1	0	0	0	0	0	0	0
1	0	3	1	1	0	0	0	0	1
0	0	2	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	2	0
6	0	1	6	1	0	0	0	0	0
0	0	2	0	2	0	0	0	0	1
0	0	2	0	0	0	0	0	0	1
0	0	1	0	0	0	0	0	0	1
1	0	1	0	0	0	0	0	0	1
0	0	1	0	0	0	0	0	0	1
0	0	1	0	3	0	0	0	0	0
1	0	0	0	1	0	0	0	1	0
1	0	3	0	1	0	0	0	0	0
1	0	4	0	0	0	0	0	0	1
2	0	3	0	4	0	0	0	0	2
0	0	2	0	0	0	0	0	0	0
1	0	0	0	1	0	0	0	0	1
1	0	0	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	1	0	1	0	0	0	0	0
1	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
3	0	2	0	0	0	0	0	0	0
0	0	2	0	2	2	0	0	1	0
0	1	3	0	0	0	0	0	0	1
0	0	1	0	2	0	0	0	0	0
1	0	1	0	0	0	0	0	0	0
0	1	2	0	0	0	0	0	0	0
0	0	2	0	0	0	0	0	0	0
0	0	2	0	1	0	0	0	0	0
0	0	0	0	1	0	0	0	0	0
0	0	0	0	4	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
0	0	0	0	0	0	0	0	2	0
0	0	0	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1	0	1	0	0	0	0	0	0	0
0	0	2	0	2	0	0	0	0	0

0	0	0	0	0	0	0	0	0	0
2	0	2	0	0	0	0	0	0	0
2	0	3	0	4	0	0	0	0	1
0	1	3	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0
0	0	0	0	1	2	0	0	2	0
3	0	2	0	0	0	0	0	0	0
3	2	3	2	1	0	0	1	0	0
0	0	2	0	0	0	1	0	0	0
5	0	2	5	1	0	0	0	0	0
6	0	1	6	1	0	0	0	0	0
1	0	1	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0	2	0
1	0	11	0	0	0	0	0	0	0
2	1	1	4	5	0	0	0	0	0
0	0	2	0	0	0	1	0	0	0
0	0	2	0	1	0	1	0	0	0
3	0	6	1	4	0	0	0	0	0
0	0	3	0	0	0	2	0	0	0
0	1	3	0	1	0	0	0	0	1
0	0	1	2	1	0	0	0	0	0
0	0	2	0	1	0	1	0	0	0

N-069	N-070	N-071	N-072	N-073	N-074	N-075	N-076	N-077	N-079
0	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	0	0
0	0	0	0	1	1	2	0	0	0
0	0	0	0	0	0	0	0	0	0
1	0	0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	2	0	1	0	0	0	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	0	1	1	0	0	0
0	0	0	2	1	0	0	0	0	0
0	0	2	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	1	0	0	0	0	0
0	0	0	1	0	1	0	1	0	0
0	1	0	0	0	1	0	0	0	0
0	0	0	0	1	1	0	0	0	0
0	0	0	5	0	0	0	0	0	0
0	0	0	1	0	0	0	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	1	0	1	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	2	0	0	0	1	0	0	0
0	0	0	0	0	1	0	0	0	0
1	0	0	0	1	0	3	0	0	0
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	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	0	0
0	0	0	4	0	0	0	0	0	0
0	0	0	1	0	1	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	2	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1	0	0	1	0	0	0	0	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	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	1	0	0
0	0	0	1	0	1	0	1	0	0
0	0	0	1	0	1	0	0	0	0
0	0	0	0	1	1	0	0	0	0
0	0	0	2	0	0	0	0	0	0

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	5	0	0	0	0	0	0
0	0	0	1	0	1	1	0	0	0
0	0	0	1	0	0	0	0	0	0
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	0	0	0	0	0
0	0	0	0	1	0	0	0	0	0
0	0	0	1	0	0	1	0	0	0
0	0	0	0	0	1	0	0	0	0
0	0	0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	1
1	0	0	0	0	0	1	0	0	0
0	0	0	1	0	0	0	0	0	0
0	0	0	1	0	0	0	0	0	0
0	0	0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	0	0
1	0	0	1	0	0	0	0	0	0
0	0	0	2	0	0	0	0	0	0
0	0	0	2	0	0	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	0	0	0	0	0	0	0	0	0
0	0	0	0	1	0	0	0	0	0
0	0	0	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0	0	1
0	0	0	0	0	0	2	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	2	0	1	0	0	0	0
0	0	0	1	1	1	2	0	0	0
0	0	1	1	0	0	1	0	0	0
0	0	0	1	1	0	0	0	0	0
1	0	0	0	0	0	1	0	0	0
0	0	0	3	1	0	0	0	0	0
0	0	0	1	1	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	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	0	0	0	0
0	0	0	1	0	0	1	0	0	0
0	0	0	1	0	0	0	0	0	1
0	0	0	0	0	0	0	0	1	0
0	0	0	1	0	1	1	0	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	0	2	0	2	0	0	0
0	0	0	2	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	2	0	0	0	0	0	0
0	0	0	1	0	0	0	0	0	0
0	0	0	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	1	1	0	1	0	0	0
1	0	0	1	0	0	0	0	0	0
0	0	1	1	0	0	2	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	1	2	1	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	0	0
0	0	0	0	1	0	0	0	0	0
0	0	0	1	0	0	0	0	0	0
0	0	0	1	0	0	0	0	0	0
0	0	0	1	0	0	0	0	0	0
1	0	1	1	0	0	2	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	4	0	0	2	0	0	0
0	0	0	4	0	0	1	0	0	0
0	0	1	0	1	0	0	0	0	0
0	0	0	2	0	0	0	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	1	0	0	1
0	0	0	0	1	0	0	0	0	1
0	0	0	0	1	0	2	0	0	0
0	0	0	0	1	0	2	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	1	0	0	0	0	1
0	0	0	0	0	0	0	1	0	1
0	0	0	1	0	0	1	0	0	0
0	0	0	0	1	0	2	0	0	0
0	0	0	1	0	0	0	0	0	1
0	0	2	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0
0	0	0	1	1	0	1	0	0	0
0	0	0	0	0	0	0	0	0	1
0	0	0	0	0	1	0	0	0	1
0	0	0	0	1	0	0	0	0	1
0	0	0	0	1	1	0	0	0	1
0	0	0	0	0	1	0	0	0	0
0	1	0	0	1	0	1	0	0	1
0	1	0	0	0	0	1	0	0	1
0	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	0	1

0	0	0	0	1	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0
0	0	1	0	1	0	0	0	0	1
0	0	0	1	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	1	1
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	2	0	0	0	1	0	0	1
0	0	0	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	0	1
0	0	0	0	1	2	1	0	0	0
0	0	0	11	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	2	0	0	0	0	0	0	1
0	0	2	0	0	0	0	0	0	1
0	0	0	1	0	0	0	0	0	0
2	0	1	1	0	0	4	0	0	0
0	0	0	1	0	0	1	0	0	0
0	0	1	1	1	0	1	0	0	0
0	0	2	0	0	0	0	0	0	1

F-083	F-084	CI-089	S-107	S-109	S-110	Ui	Hy	AMR	TPSA(NO)
0	0	0	0	0	0	3.7	0.154	105.442	43.7
0	0	0	0	0	0	3.17	0.998	93.087	87.66
0	0	1	0	0	0	4.248	-0.762	88.71	43.07
0	0	0	0	0	0	3	0.32	74.662	41.49
0	0	0	0	0	1	3.322	1.045	99.179	101.73
0	0	0	0	0	0	3.807	-0.938	92.331	3.24
0	0	0	0	0	0	3.7	0.262	79.414	43.7
6	1	0	0	0	0	3.907	0.296	117.078	83.24
0	0	0	0	0	0	3.7	-0.404	79.435	21.26
0	0	0	0	0	0	3	-0.455	97.015	23.47
0	0	0	0	0	0	3.907	-0.249	75.355	54.35
0	0	0	0	0	0	3.807	0.162	133.502	71.68
0	1	0	0	0	0	3.322	0.337	87.939	74.57
0	0	1	0	0	0	3.7	-0.864	101.445	12.47
0	0	1	0	0	0	3.7	-0.851	95.41	6.48
0	0	1	0	0	0	4.087	-0.22	82.39	87.28
0	0	2	0	0	0	3	0.616	59.089	36.42
0	0	1	0	0	0	3.807	-0.326	94.845	35.16
0	0	0	0	0	0	4.7	2.714	188.671	192.03
0	0	0	0	0	0	4.322	0.084	128.494	55.56
0	0	1	0	0	0	3.807	-0.399	91.862	24.92
0	0	1	0	0	0	3.907	-0.787	79.962	32.67
0	0	0	0	0	0	3.807	-0.848	112.114	38.77
0	0	0	0	0	0	3.807	-0.891	89.069	12.47
0	0	0	1	0	0	4.087	-0.385	89.678	21.26
0	1	0	0	0	0	3.322	0.407	83.946	87.46
0	1	0	0	0	0	3.807	-0.823	93.835	36.26
0	0	0	0	0	0	3.7	0.45	81.535	122.22
0	0	0	0	0	0	3	-0.338	82.305	41.93
0	0	1	0	0	0	3.7	-0.37	107.074	35.94
0	0	0	0	0	0	3.7	-0.891	90.606	6.48
0	0	1	0	0	0	3	-0.291	65.553	29.1
0	0	0	0	0	0	3.807	2.578	93.93	95.58
0	0	0	0	0	0	4.459	1.298	179.588	120
0	0	2	0	0	0	3.907	0.378	80.9	61.69
0	0	0	0	0	0	2.322	0.834	116.674	104.06
0	0	0	0	0	0	3.7	-0.479	88.807	12.03
0	0	0	0	0	0	1.585	2.35	53.037	104.64
0	0	0	0	0	0	2.322	0.872	103.341	94.83
0	0	1	0	0	0	3	1.152	83.019	67.59
0	0	0	0	0	0	2.807	0.341	76.696	50.72
0	0	0	0	0	0	2.807	0.455	54.972	35.25
0	0	0	0	0	0	3.7	-0.836	82.655	19.37
0	0	0	0	0	0	3	0.194	94.921	52.93
0	0	0	0	0	0	3.7	-0.283	112.373	119.68
0	0	0	0	0	0	4.087	-0.244	77.585	87.28
0	0	1	0	0	0	3.907	-0.301	75.065	41.46
0	0	0	1	0	0	3.7	-0.31	93.091	35.16
0	0	0	0	0	0	3.907	0.341	71.558	63.4

0	0	0	0	0	0	3	0.341	76	50.72
0	0	0	0	0	0	3.17	-0.408	105.261	49.77
0	0	0	0	0	0	3	-0.326	84.116	59
0	0	0	0	0	0	4.7	2.69	194.255	201.26
0	1	0	0	0	0	3.807	-0.329	116.114	84.39
0	0	0	0	0	0	3	1.148	73.457	70.59
0	0	0	0	0	0	2.322	1.598	113.597	124.29
0	0	0	0	0	0	2.322	0.898	98.793	94.83
0	0	0	0	0	0	2.585	0.213	97.868	91.67
0	0	0	1	0	0	3.7	-0.836	88.952	8.17
0	0	0	1	0	0	3.7	-0.836	88.504	8.17
0	0	0	0	0	0	3	-0.673	49.2	33.42
0	0	0	1	0	0	3.807	-0.346	111.573	48.83
0	0	0	0	0	0	3	-0.353	75.518	38.33
0	0	0	0	0	0	3.7	-0.369	89.484	39.72
0	0	0	0	0	0	4.17	1.659	101.535	91.05
0	0	0	1	0	0	3.459	0.691	50.914	48.14
0	0	0	0	0	0	3	-0.763	73.369	32.78
0	0	0	0	0	0	3	-0.353	79.646	32.34
0	0	0	0	0	0	3	-0.37	83.885	32.34
0	0	0	0	0	0	2.322	0.812	121.175	104.06
0	0	0	0	0	0	3.807	-0.843	106.057	32.78
0	0	0	0	0	1	3.322	1.118	89.318	101.73
0	0	0	0	0	0	3	1.697	102.681	82.62
0	0	0	0	0	0	2	0.512	65.994	58.2
0	0	0	2	0	0	3.7	-0.356	110.029	40.54
0	0	0	0	0	0	3.7	-0.465	103.668	23.47
0	0	0	0	0	1	1.585	0.528	73.755	115.54
0	0	0	0	0	0	3.7	-0.896	95.022	6.48
0	0	0	0	0	0	3.585	-0.338	81.004	45.33
0	0	0	0	0	0	3.807	-0.439	110.721	46.53
0	0	0	0	0	0	3.585	-0.291	61.303	37.81
0	0	0	0	0	0	4	-0.369	86.573	67.51
0	0	0	0	0	0	3.459	2.336	125.954	146.35
0	0	0	0	0	0	4.248	-0.729	86.933	74.29
0	0	1	1	0	0	4.17	-0.323	116.981	48.47
0	0	0	0	0	0	3.585	0.331	82.438	57.36
0	0	0	0	0	1	3.7	0.686	51.633	86.19
0	0	0	0	0	0	3.907	0.733	165.586	118.21
0	0	0	0	0	0	3.7	0.213	104.472	57.5
0	0	0	0	0	0	3	0.284	79.835	52.93
0	0	0	0	0	0	2.807	0.898	96.711	73.16
0	1	0	0	0	0	3.7	-0.342	88.023	39.72
0	0	0	0	0	0	3.907	-0.938	93.448	3.24
0	0	0	0	0	0	4	3.835	134.169	206.07
3	0	0	0	0	0	3	0.393	79.197	56.84
0	0	1	0	0	0	3.907	-0.806	107.8	42.43
0	0	0	0	0	0	3	-0.734	62.167	29.54
0	0	0	1	0	0	3.17	0.472	85.127	86.26
0	1	0	0	0	0	3.807	-0.759	114.547	64.16

0	0	0	0	0	0	3.7	1.968	81.509	105.51
3	0	0	0	0	0	3.7	-0.31	80.368	21.26
0	0	1	1	0	0	3.7	-0.797	93.756	8.17
0	0	0	0	0	0	3.807	-0.811	132.647	63.95
0	0	0	0	0	0	4.248	2.883	158.925	201.26
0	0	0	0	0	0	3.17	-0.766	56.889	26.93
0	1	0	0	0	0	4.524	-0.421	135.643	42.32
0	0	0	0	0	0	3	1.986	73.504	84.58
0	0	0	0	0	0	3	-0.557	49.333	61.82
0	0	1	0	0	0	3.807	-0.346	107.017	53.01
0	0	1	0	0	0	3.585	-0.354	96.42	28.16
0	1	0	0	0	0	3.807	-0.823	93.835	36.26
0	0	0	0	0	0	1.585	1.306	190.785	182.91
0	0	0	0	0	0	4	3.025	132.317	185.84
0	0	0	0	0	0	3.7	-0.419	85.311	15.27
0	0	0	0	0	0	2.322	0.882	102.793	94.83
0	0	0	0	0	0	3.7	-0.879	79.927	12.47
0	0	0	0	0	0	3.585	1.578	142.778	145.44
0	0	1	0	0	0	3.907	0.243	115.812	78.82
0	0	0	0	0	0	1.585	-0.065	35.958	46.17
0	1	0	0	0	0	3.807	-0.672	76.613	64.43
0	0	0	0	0	0	3	-0.807	82.819	38.77
0	0	1	0	0	0	4.248	-0.317	94.3	68.53
0	0	2	0	0	0	4.7	-0.711	190.01	104.7
0	0	2	0	0	0	4.248	-0.717	138.067	69.06
0	0	2	0	0	0	3.7	2.32	66.62	90.71
0	0	0	0	0	0	4.392	4.132	115.875	210.54
0	0	0	0	0	0	3	-0.314	66.727	38.33
0	0	0	0	0	0	3.907	4.992	122.96	163.18
0	0	0	0	0	0	3.17	0.255	88.509	70
0	0	0	0	0	0	4.248	-0.345	134.795	113.69
0	0	0	0	0	0	3.7	-0.238	92.164	110.45
0	0	0	0	0	0	3.7	-0.256	96.912	110.45
0	0	0	0	0	0	3.807	-0.468	87.036	12.03
0	0	0	0	0	0	4.248	-0.377	160.919	117.78
0	1	0	0	0	1	4.087	0.922	122.929	140.92
0	0	0	0	0	0	3	-0.31	79.721	62.3
0	0	0	0	0	0	3	-0.905	61.354	3.24
0	0	2	0	0	0	3.7	-0.37	85.741	12.03
0	0	0	0	0	1	4.524	1.023	105.599	141.31
0	0	0	0	0	0	3.585	0.366	61.738	38.91
0	0	0	0	0	0	1.585	-0.432	84.505	37.3
0	0	1	0	0	0	3.459	0.289	105.006	46.22
0	0	0	0	0	0	2.807	-0.37	83.023	32.7
0	0	0	0	0	0	4.459	0.59	221.497	171.17
0	0	0	0	0	0	4.459	0.03	217.155	133.87
0	0	0	0	0	0	0	0.485	45.534	26.02
0	0	0	0	0	0	3.907	0.32	71.888	48.02
0	0	0	0	0	0	3.585	-0.336	111.45	83.09
0	0	0	0	0	0	1.585	2.007	186.033	193.91

0	0	0	0	0	0	3.807	0.796	138.734	160.83
0	1	1	0	0	0	3.807	-0.37	102.592	40.54
0	0	0	0	0	0	4.755	0.147	134.796	73.07
0	0	0	0	0	0	4.392	1.314	175.967	118.03
0	0	0	0	0	0	0	4.881	38.404	121.38
0	0	0	0	0	0	3	0.233	91.288	70
0	0	0	1	0	0	3.907	1.382	161.907	101.9
0	0	0	0	0	0	4.7	1.193	217.449	221.29
0	0	0	0	0	1	3.7	0.41	82.331	65.2
0	0	0	0	0	0	4.248	0.02	146.065	43.7
0	0	0	0	0	0	4.17	-0.815	92.173	37.61
0	0	0	0	0	1	4	1.548	134.479	131.19
0	0	0	0	0	0	3.17	-0.742	108.89	69.64
0	0	1	0	0	0	3.7	-0.828	80.85	16.13
0	0	0	1	0	0	3	1.366	69.646	88.89
0	0	0	0	0	0	1.585	2.649	193.304	203.06
0	0	0	1	0	0	3.907	-0.751	114.414	59.08
0	0	0	0	0	1	4.248	-0.382	110.774	53.17
0	0	0	0	0	0	3	-0.314	72.298	32.34
0	0	1	0	0	0	4.322	-0.45	139.439	43.78
0	0	0	0	0	0	3.17	-0.766	56.889	26.93
0	0	0	0	0	0	4.17	0.318	104	106.95
0	0	0	0	0	0	3.585	0.29	76.825	41.49
0	0	0	2	0	0	4.7	1.317	198.799	145.78
0	0	0	0	0	0	4.459	2.719	186.323	166.75
0	0	0	0	0	0	4.392	0.583	222.539	154.1
0	0	0	0	0	0	3.907	0.341	69.981	58.2
0	0	0	0	0	0	3.7	-0.383	94.693	45.59
0	0	0	0	0	0	3.7	0.214	93.448	46.79
0	0	0	1	0	0	3.7	-0.37	86.854	9.37
3	0	0	0	1	0	4.17	-0.198	87.758	67.87
0	0	0	0	0	0	2.807	0.213	79.618	40.46
0	0	0	0	0	0	3.7	-0.432	88.508	7.68
0	0	0	0	0	0	2	0.898	97.624	94.83
0	0	0	0	0	0	4.248	0.84	127.801	127.06
0	0	0	0	0	1	4.087	0.407	85.374	99.6
0	0	0	0	1	0	4.17	-0.26	93.813	77.1
0	0	1	0	0	0	4.322	0.089	137.341	44.98
0	2	0	0	0	0	3.322	1.045	88.411	79.15
0	0	0	0	0	0	2	-0.901	92.78	34.14
0	0	0	0	0	0	4.248	0.348	79.723	84.08
0	0	0	0	0	0	4.322	-0.5	117.157	13.67
0	0	0	0	0	0	3.807	-0.412	130.549	65.15
0	0	1	1	0	0	3.7	-0.338	91.658	9.37
0	0	1	0	0	0	3.807	0.278	92.747	36.36
0	0	2	0	0	0	3	0.616	57.308	36.42
0	1	0	0	0	0	4.524	0.118	133.545	43.52
0	0	1	0	0	0	3.585	0.259	94.322	29.36
0	0	0	0	0	0	1.585	-0.432	84.505	37.3
0	0	0	1	0	0	3.907	-0.336	112.316	60.28

0	0	0	0	0	0	3.7	0.213	83.611	19.85
0	0	0	0	0	0	2	0.194	96.225	74.6
0	0	0	0	0	0	4.392	1.195	220.441	155.3
0	0	0	1	0	1	4	0.483	84.208	99.6
0	0	0	0	0	0	4.248	0.65	143.967	44.9
0	0	0	1	0	0	3.17	1.203	83.029	87.46
0	0	0	0	0	0	2.322	0.898	98.793	94.83
0	0	0	0	0	0	4	3.835	134.169	206.07
0	1	0	0	0	0	3.322	0.407	79.969	94.87
0	0	0	0	0	0	1.585	2.734	183.935	195.11
0	0	0	0	0	0	1.585	2.649	193.304	203.06
0	0	0	0	0	0	3	2.892	71.804	89.16
0	0	0	1	0	0	3	1.366	69.646	88.89
0	0	0	0	0	0	3.7	1.69	328.039	278.8
0	0	0	0	0	0	3.807	0.796	138.734	160.83
0	1	0	0	0	0	3.322	0.364	81.498	81.98
0	1	0	0	0	0	3.322	-0.256	90.56	79.04
0	0	0	0	0	0	4.7	1.193	217.449	221.29
0	0	0	0	0	0	4.392	2.461	111.32	216.2
0	0	0	0	0	1	4	0.45	83.814	112.74
0	0	2	0	0	0	4.248	-0.717	138.067	69.06
0	1	0	0	0	0	3.322	-0.256	90.56	79.04

TPSA(Tot)	MLOGP	MLOGP2	ALOGP	ALOGP2	LAI	GVWAI-80	GVWAI-50	Inflammat	Inflammat
43.7	3.834	14.698	4.546	20.663	0	1	0	0	0
87.66	1.589	2.526	1.615	2.61	0	1	1	1	0
43.07	4.739	22.461	3.727	13.887	0	1	1	1	1
41.49	2.37	5.619	2.64	6.969	0	1	1	1	0
110.11	1.198	1.435	1.127	1.27	0	1	0	0	0
3.24	4.761	22.665	4.772	22.772	0	1	0	0	0
43.7	2.571	6.608	3.065	9.396	0	1	1	1	1
83.24	4.743	22.494	4.849	23.513	1	0	0	0	0
21.26	3.53	12.463	3.577	12.796	0	1	1	1	0
23.47	3.959	15.675	3.649	13.313	0	1	1	1	0
54.35	2.18	4.754	2.541	6.456	0	1	0	1	0
71.68	2.023	4.094	3.036	9.219	0	0	0	0	0
74.57	1.671	2.791	1.41	1.988	0	1	1	1	0
12.47	4.278	18.297	4.806	23.101	0	1	0	0	0
6.48	4.372	19.112	5.052	25.526	0	1	0	0	0
87.28	2.843	8.08	3.073	9.445	0	1	1	1	1
36.42	2.66	7.074	3.021	9.127	0	1	0	0	0
35.16	2.965	8.79	3.947	15.582	0	1	1	1	0
192.03	1.416	2.004	3.852	14.837	1	0	0	0	0
55.56	3.97	15.765	4.558	20.775	0	1	0	0	0
24.92	3.756	14.107	4.213	17.752	0	1	0	1	0
32.67	3.355	11.257	3.385	11.457	0	1	1	1	1
38.77	3.516	12.363	4.57	20.882	0	1	0	0	0
12.47	3.528	12.45	3.908	15.275	0	1	1	1	0
49.5	3.296	10.864	3.953	15.625	0	1	1	1	1
87.46	2.049	4.198	1.197	1.432	0	1	0	0	0
36.26	3.3	10.891	3.721	13.849	0	1	1	1	0
122.22	1.406	1.976	-0.433	0.188	0	0	0	0	0
41.93	1.931	3.729	1.443	2.081	0	1	1	1	0
35.94	2.634	6.938	3.467	12.021	0	1	1	1	0
6.48	3.876	15.025	4.388	19.254	0	1	0	1	0
29.1	2.558	6.543	2.74	7.509	0	1	0	1	0
95.58	2.674	7.151	2.33	5.43	0	1	1	1	0
120	2.911	8.472	5.247	27.527	0	0	0	0	0
61.69	3.359	11.285	3.504	12.275	0	1	1	1	1
104.06	3.025	9.149	3.609	13.026	0	1	0	0	0
12.03	4.841	23.431	4.116	16.944	0	1	0	1	0
104.64	-0.121	0.015	1.267	1.606	0	0	0	0	0
94.83	1.747	3.051	1.445	2.089	0	1	0	1	0
67.59	1.985	3.94	1.776	3.153	0	1	1	1	0
50.72	1.653	2.732	1.757	3.088	0	1	1	1	0
35.25	2.224	4.946	2.335	5.45	0	1	0	0	0
19.37	3.115	9.7	3.095	9.578	0	1	1	1	1
52.93	2.852	8.131	2.796	7.815	0	1	1	1	0
119.68	2.251	5.068	2.362	5.578	0	1	0	1	0
87.28	2.593	6.724	2.409	5.803	0	1	1	1	0
41.46	3.112	9.684	3.179	10.105	0	1	1	1	1
63.4	2.307	5.321	3.215	10.336	0	1	1	1	0
63.4	2.193	4.808	2.132	4.545	0	1	1	1	0



50.72	1.831	3.351	2.232	4.984	0	1	1	1	0
49.77	3.26	10.63	4.646	21.589	0	1	0	0	0
59	1.381	1.907	1.029	1.059	0	1	0	0	0
201.26	1.289	1.662	3.89	15.131	1	0	0	0	0
84.39	2.854	8.147	2.637	6.954	0	1	0	1	0
70.59	1.193	1.423	0.752	0.566	0	1	0	0	0
124.29	2.054	4.221	2.132	4.544	0	1	0	0	0
94.83	1.528	2.334	1.194	1.425	0	1	0	0	0
91.67	1.442	2.079	1.011	1.022	0	1	0	0	0
36.41	3.262	10.643	4.076	16.61	0	1	1	1	1
36.41	3.262	10.643	4.391	19.277	0	1	0	1	0
33.42	0.315	0.099	0.751	0.564	0	1	0	0	0
77.07	2.36	5.568	3.181	10.119	0	1	0	1	0
38.33	2.634	6.937	2.826	7.988	0	1	1	1	0
39.72	2.233	4.985	3.077	9.47	0	1	1	1	0
91.05	2.596	6.74	1.012	1.025	0	1	0	0	0
76.38	1.936	3.749	3.829	14.66	0	1	0	0	0
32.78	2.118	4.488	2.599	6.757	0	1	1	1	0
32.34	2.634	6.937	2.959	8.757	0	1	1	1	0
32.34	2.877	8.277	3.961	15.687	0	1	1	1	0
104.06	3.232	10.448	4.026	16.209	0	0	0	0	0
32.78	3.313	10.976	4.03	16.237	0	1	1	1	0
110.11	0.437	0.191	0.827	0.684	0	1	0	0	0
82.62	1.881	3.538	2.812	7.905	0	1	0	1	0
90.29	1.138	1.296	2.808	7.885	0	1	0	1	0
97.02	3.544	12.56	5.262	27.688	0	1	0	0	0
23.47	4.67	21.804	5.636	31.769	0	0	0	0	0
123.92	-0.26	0.068	-1.808	3.269	0	0	0	0	0
6.48	4.104	16.841	4.837	23.393	0	1	0	0	0
45.33	2.389	5.708	2.608	6.802	0	1	1	1	0
46.53	0.048	0.002	2.35	5.522	0	1	0	1	0
37.81	1.105	1.22	1.039	1.079	0	1	0	0	0
67.51	3.204	10.264	2.662	7.087	0	1	1	1	1
146.35	2.464	6.072	1.574	2.478	0	1	0	0	0
74.29	2.268	5.144	1.847	3.41	0	1	1	1	0
76.71	3.443	11.854	4.259	18.142	0	1	0	1	0
57.36	1.09	1.189	2.457	6.038	0	1	1	1	0
94.57	-0.022	0	0.748	0.559	0	1	0	0	0
118.21	3.063	9.38	4.47	19.979	0	0	0	0	0
57.5	1.765	3.117	2.269	5.148	0	1	1	1	0
52.93	1.931	3.729	1.387	1.923	0	1	1	0	0
73.16	2.154	4.641	2.094	4.385	0	1	1	1	0
39.72	3.289	10.817	3.23	10.432	0	1	1	1	0
3.24	4.683	21.932	4.327	18.726	0	1	0	1	0
206.07	-0.816	0.666	-0.021	0	1	0	0	0	0
56.84	3.014	9.086	2.738	7.498	0	1	1	1	0
42.43	3.503	12.274	5.001	25.008	0	1	0	0	0
29.54	-1.833	3.36	0.511	0.262	0	1	0	0	0
111.56	0.658	0.434	1.466	2.15	0	1	1	1	0
64.16	3.613	13.056	3.318	11.006	0	1	0	1	0

105.51	1.261	1.591	1.544	2.383	0	1	1	1	0
21.26	4.153	17.245	4.033	16.268	0	1	1	1	1
36.41	3.768	14.197	4.74	22.467	0	1	0	0	0
63.95	3.23	10.431	5.535	30.636	0	0	0	0	0
201.26	0.259	0.067	2.417	5.843	1	0	0	0	0
26.93	2.306	5.317	1.62	2.625	0	1	0	0	0
42.32	4.629	21.427	5.69	32.375	0	0	0	0	0
84.58	0.925	0.855	0.669	0.448	0	1	0	0	0
61.82	0.736	0.542	-0.1	0.01	0	1	0	0	0
53.01	2.578	6.648	3.676	13.514	0	1	1	1	0
28.16	3.515	12.355	4.346	18.884	0	1	0	1	0
36.26	3.3	10.891	3.721	13.849	0	1	1	1	0
182.91	0.036	0.001	2.061	4.246	1	0	0	0	0
185.84	-0.099	0.01	0.437	0.191	1	0	0	0	0
15.27	3.644	13.278	3.852	14.838	0	1	1	1	0
94.83	1.855	3.439	1.642	2.696	0	1	0	1	0
12.47	3.262	10.643	3.385	11.458	0	1	1	1	0
145.44	2.029	4.117	2.484	6.169	1	0	0	0	0
78.82	2.533	6.414	2.454	6.021	0	1	0	1	0
46.17	0.391	0.153	0.543	0.295	0	0	0	0	0
64.43	2.322	5.393	1.797	3.228	0	1	1	1	0
38.77	2.169	4.703	1.908	3.64	0	1	1	1	0
68.53	3.318	11.006	4.211	17.728	0	1	0	1	0
104.7	5.127	26.29	6.467	41.82	1	0	0	0	0
69.06	2.999	8.996	3.61	13.035	0	0	0	0	0
90.71	2.788	7.772	2.427	5.888	0	1	0	0	0
210.54	1.311	1.719	0.384	0.147	1	1	0	0	0
38.33	2.266	5.136	2.18	4.753	0	1	0	1	0
163.18	-0.353	0.125	0.018	0	0	1	0	0	0
70	1.527	2.333	1.395	1.946	0	1	1	0	0
113.69	3.081	9.492	3.489	12.17	0	0	0	0	0
110.45	2.07	4.284	1.766	3.12	0	1	1	1	0
110.45	2.307	5.324	2.115	4.474	0	1	1	1	0
12.03	4.533	20.55	4.236	17.945	0	1	0	1	0
117.78	1.758	3.089	4.349	18.912	1	0	0	0	0
149.3	2.007	4.027	3.022	9.131	0	0	0	0	0
62.3	1.419	2.015	0.824	0.679	0	1	0	0	0
3.24	3.299	10.885	3.795	14.398	0	1	0	0	0
12.03	5.149	26.513	4.996	24.963	0	1	0	0	0
149.69	1.969	3.875	3.885	15.093	0	1	0	1	0
38.91	2.209	4.878	2.79	7.784	0	1	0	0	0
37.3	3.696	13.659	3.333	11.111	0	1	1	1	0
46.22	-0.427	0.183	2.733	7.467	0	1	1	1	0
32.7	2.561	6.56	3.022	9.133	0	1	1	1	0
171.17	2.324	5.401	4.004	16.035	1	0	0	0	0
133.87	3.173	10.065	5.232	27.376	1	0	0	0	0
26.02	2.502	6.262	1.495	2.236	0	0	0	0	0
48.02	2.589	6.701	2.679	7.178	0	1	1	1	0
83.09	1.368	1.871	1.718	2.95	0	1	0	1	0
193.91	-0.139	0.019	1.652	2.73	1	0	0	0	0

160.83	0.133	0.018	0.91	0.828	1	0	0	0	0
40.54	4.006	16.047	3.888	15.114	0	1	1	1	0
73.07	3.403	11.58	5.163	26.658	0	0	0	0	0
118.03	1.725	2.975	3.189	10.17	0	0	0	0	0
121.38	-2.497	6.235	-2.94	8.645	0	0	0	0	0
70	1.841	3.389	1.598	2.555	0	1	1	1	0
127.2	3.51	12.317	5.366	28.797	0	0	0	0	0
221.29	2.322	5.393	3.129	9.789	1	0	0	0	0
73.58	0.894	0.8	1.631	2.66	0	1	1	1	0
43.7	4.944	24.448	6.498	42.229	0	0	0	0	0
37.61	3.025	9.152	3.792	14.379	0	1	1	1	0
139.57	1.12	1.256	2.954	8.725	0	0	0	0	0
69.64	2.209	4.879	2.021	4.086	0	1	0	1	0
16.13	3.138	9.849	3.697	13.665	0	1	1	1	1
114.19	0.821	0.674	0.61	0.372	0	1	0	0	0
203.06	0.957	0.915	1.999	3.998	1	0	0	0	0
84.38	2.671	7.134	3.2	10.243	0	1	0	1	0
61.55	3.213	10.323	4.439	19.702	0	1	0	1	0
32.34	2.52	6.351	2.84	8.065	0	1	1	1	0
43.78	4.359	18.998	4.636	21.491	0	0	0	0	0
26.93	2.306	5.317	1.62	2.625	0	1	0	0	0
106.95	1.241	1.541	2.108	4.442	0	1	1	1	0
41.49	2.534	6.42	2.54	6.454	0	1	1	1	0
202.26	1.524	2.324	5.511	30.377	1	0	0	0	0
166.75	1.632	2.662	3.881	15.059	1	0	0	0	0
154.1	2.695	7.262	4.887	23.886	1	0	0	0	0
58.2	1.795	3.221	2.105	4.431	0	1	0	1	0
45.59	2.192	4.805	2.734	7.474	0	1	1	1	0
46.79	-1.492	2.226	1.079	1.165	0	1	0	0	0
37.61	-0.422	0.178	2.515	6.324	0	1	1	1	0
87.08	1.749	3.06	3.656	13.365	0	1	1	1	1
40.46	3.635	13.211	3.813	14.537	0	1	1	1	0
7.68	0.192	0.037	2.827	7.993	0	1	1	1	0
94.83	1.618	2.619	1.217	1.481	0	1	0	0	0
127.06	-0.807	0.652	1.722	2.965	0	1	0	0	0
107.98	0.942	0.888	1	1.001	0	1	0	0	0
96.31	1.126	1.267	3.118	9.723	0	1	1	1	0
44.98	0.675	0.455	3.075	9.456	0	0	0	0	0
79.15	-1.895	3.592	0.621	0.386	0	1	0	0	0
34.14	4.05	16.399	3.58	12.819	0	1	1	1	0
84.08	2.417	5.841	3.055	9.333	0	1	1	1	1
13.67	1.517	2.3	4.759	22.648	0	1	0	0	0
65.15	-0.454	0.206	3.974	15.795	0	0	0	0	0
37.61	0.084	0.007	3.179	10.107	0	1	1	1	0
36.36	-0.719	0.517	2.387	5.696	0	1	1	1	0
36.42	2.66	7.074	2.743	7.525	0	1	0	0	0
43.52	0.945	0.893	4.129	17.05	0	0	0	0	0
29.36	-0.169	0.029	2.785	7.756	0	1	1	1	0
37.3	3.696	13.659	3.333	11.111	0	1	1	1	0
85.58	-1.013	1.026	1.64	2.689	0	1	0	1	0

19.85	-0.04	0.002	2.621	6.871	0	1	1	1	0
74.6	2.406	5.788	1.952	3.812	0	1	1	1	0
155.3	-0.989	0.979	3.327	11.066	1	0	0	0	0
136.22	0.497	0.247	0.954	0.91	0	1	0	0	0
44.9	1.26	1.589	4.938	24.381	0	0	0	0	0
112.76	-3.026	9.154	-0.094	0.009	0	1	0	0	0
94.83	1.528	2.334	1.194	1.425	0	1	0	0	0
206.07	-0.816	0.666	-0.021	0	1	0	0	0	0
94.87	-1.635	2.674	-0.712	0.507	0	0	0	0	0
195.11	-3.823	14.616	0.092	0.008	1	0	0	0	0
203.06	0.957	0.915	1.999	3.998	1	0	0	0	0
89.16	-2.759	7.614	-0.562	0.316	0	0	0	0	0
114.19	0.821	0.674	0.61	0.372	0	1	0	0	0
278.8	-0.321	0.103	5.614	31.52	1	0	0	0	0
160.83	0.133	0.018	0.91	0.828	1	0	0	0	0
81.98	-2.254	5.08	-0.639	0.409	0	0	0	0	0
79.04	-2.538	6.44	-0.603	0.363	0	0	0	0	0
221.29	2.322	5.393	3.129	9.789	1	0	0	0	0
216.2	1.311	1.719	-0.972	0.944	0	0	0	0	0
121.12	0.824	0.679	0.751	0.563	0	1	0	0	0
69.06	2.999	8.996	3.61	13.035	0	0	0	0	0
79.04	-2.538	6.44	-0.603	0.363	0	0	0	0	0

	Depressan	Depressan	Psychotic-!	Psychotic-!	Hypertens	Hypertens	Hypnotic-ξ	Hypnotic-ε	Neoplastic	Neoplastic
1	0	1	1	0	0	0	0	1	0	
1	0	0	0	1	1	0	0	1	1	
1	0	0	0	1	0	1	0	1	0	
1	0	0	0	1	0	1	0	1	0	
0	0	0	0	1	1	0	0	1	1	
1	0	1	0	0	0	0	0	0	0	
1	1	0	0	1	0	1	0	1	1	
0	0	0	0	0	0	0	0	0	0	
1	0	0	0	1	0	1	0	1	0	
1	0	1	0	1	0	0	0	1	1	
0	0	0	0	1	0	1	0	1	0	
0	0	0	0	0	0	0	0	0	0	
1	0	0	0	1	1	1	0	1	1	
1	0	1	1	0	0	0	0	0	0	
0	0	1	0	0	0	0	0	0	0	
1	0	0	0	1	0	1	0	1	1	
0	0	0	0	0	0	1	0	1	0	
1	1	1	0	1	0	0	0	1	0	
0	0	0	0	0	0	0	0	0	0	
0	0	1	0	0	0	0	0	0	0	
1	0	1	0	1	0	0	0	1	0	
1	0	0	0	1	0	1	0	1	1	
0	0	1	1	0	0	0	0	1	0	
1	1	1	0	1	0	0	0	1	0	
0	0	0	0	1	1	1	0	1	1	
1	1	1	0	1	0	1	0	1	0	
0	0	0	0	1	0	0	0	1	0	
1	0	0	0	1	1	1	0	1	1	
1	0	1	1	1	0	0	0	1	0	
1	0	1	0	1	0	0	0	1	0	
1	0	0	0	1	0	1	1	1	0	
1	1	1	0	1	1	0	0	1	1	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	1	0	1	0	1	1	
0	0	0	0	0	0	0	0	0	0	
1	0	1	0	1	0	0	0	1	0	
0	0	0	0	0	0	0	0	0	0	
0	0	0	0	1	1	0	0	1	0	
1	0	0	0	1	1	1	0	1	1	
1	0	0	0	1	0	1	0	1	1	
0	0	0	0	0	0	1	0	0	0	
1	1	0	0	1	0	1	0	1	1	
1	0	1	0	1	1	0	0	1	1	
0	0	1	0	1	1	0	0	1	0	
1	0	0	0	1	0	1	0	1	1	
0	0	0	0	1	0	1	0	1	1	
1	1	1	0	1	1	1	0	1	1	
0	0	0	0	1	0	1	1	1	0	

1	1	0	0	1	0	1	0	1	1
0	0	1	1	0	0	0	0	1	0
0	0	0	0	1	1	1	0	1	1
0	0	0	0	0	0	0	0	0	0
0	0	1	0	1	0	0	0	1	0
0	0	0	0	1	0	1	0	1	1
0	0	0	0	1	0	0	0	0	0
0	0	0	0	1	1	0	0	1	1
0	0	0	0	1	1	0	0	1	1
1	0	1	0	1	0	0	0	1	0
1	0	1	0	1	0	0	0	1	0
0	0	0	0	0	0	1	0	1	0
0	0	1	0	1	1	0	0	1	0
1	0	0	0	1	0	1	0	1	1
1	1	1	0	1	1	0	0	1	1
0	0	0	0	1	1	0	0	1	1
0	0	0	0	0	0	1	0	0	0
1	0	0	0	1	0	1	0	1	0
1	1	0	0	1	0	1	0	1	1
1	1	0	0	1	0	0	0	1	0
0	0	0	0	0	0	0	0	0	0
1	0	1	1	1	0	0	0	1	0
0	0	0	0	1	0	0	0	1	1
0	0	1	0	1	0	0	0	1	0
1	0	0	0	1	0	1	1	1	0
0	0	0	0	0	0	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	0	1	0	0	0	0	0	0	0
1	1	0	0	1	1	1	0	1	1
0	0	1	0	1	0	0	0	1	0
0	0	0	0	1	0	1	0	1	0
1	1	0	0	1	1	1	0	1	1
0	0	0	0	0	0	0	0	0	0
1	0	0	0	1	1	1	0	1	1
0	0	0	0	1	1	1	0	1	1
0	0	0	0	0	0	1	0	1	0
0	0	0	0	0	0	0	0	0	0
1	0	0	0	1	1	0	0	1	1
0	0	0	0	1	1	1	0	1	1
1	0	0	0	1	1	0	0	1	1
1	1	1	0	1	1	1	0	1	1
1	0	1	0	1	0	0	0	1	0
0	0	0	0	0	0	0	0	0	0
1	1	0	0	1	1	1	0	1	1
0	0	1	0	0	0	0	0	0	0
0	0	0	0	1	0	1	0	1	0
1	0	0	0	1	1	1	0	1	1
0	0	1	1	1	1	0	0	1	0



0	0	0	0	0	0	0	0	0	0
1	0	1	1	1	0	0	0	1	0
0	0	0	0	0	0	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	0	0	0	1	1	0	0	1	1
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1	0	0	0	1	1	1	0	1	1
0	0	0	0	0	0	0	0	0	0
1	1	1	0	1	0	1	0	1	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	1	0	0	0	1	0
1	1	0	0	1	0	1	0	1	1
0	0	0	0	1	0	1	0	1	0
0	0	0	0	0	0	0	0	0	0
0	0	1	0	1	1	0	0	1	0
0	0	1	1	1	0	0	0	1	0
1	0	0	0	1	0	1	0	1	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	0	1	0
0	0	0	0	1	1	0	0	1	1
1	0	0	0	1	0	1	0	1	1
0	0	0	0	0	0	0	0	0	0
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	0	1	1	1	0
1	1	1	0	1	1	0	0	1	1
0	0	0	0	1	1	0	0	1	1
1	1	1	0	1	1	1	0	1	1
1	0	0	0	1	0	0	0	1	1
1	1	0	0	1	0	1	0	1	0
1	1	1	0	1	1	0	0	1	1
0	0	0	0	1	1	0	0	1	0
0	0	0	0	1	1	1	0	1	1
1	0	1	0	1	1	1	0	1	1
0	0	0	0	0	0	0	0	0	0
0	0	0	0	1	0	1	0	1	1
1	0	1	0	1	0	0	0	1	1
1	0	0	0	1	0	1	0	1	1
0	0	1	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1	1	1	0	1	1	1	0	1	1
1	1	1	0	1	1	1	0	1	1
0	0	0	0	0	0	1	0	1	0
0	0	0	0	0	0	0	0	0	0
1	0	1	0	1	1	0	0	1	1
1	0	0	0	1	1	0	0	1	1
0	0	0	0	1	1	0	0	1	0





Infective-8	Infective-5	BLTF96	BLTD48	BLTA96	B01[C-N]	B01[C-O]	B01[C-S]	B01[C-F]	B01[C-Cl]
1	0	-4.65	-4.96	-5.06	1	1	0	0	0
1	0	-2.74	-2.83	-2.82	1	1	0	0	0
1	1	-5.42	-5.82	-5.97	1	0	0	0	1
1	1	-3.4	-3.57	-3.6	1	1	0	0	0
1	0	-2.41	-2.46	-2.43	1	1	1	0	0
1	0	-5.44	-5.84	-5.99	1	0	0	0	0
1	1	-3.57	-3.76	-3.8	1	1	0	0	0
0	0	-5.42	-5.83	-5.97	1	1	0	1	0
1	1	-4.39	-4.67	-4.76	1	1	0	0	0
1	0	-4.76	-5.08	-5.19	1	1	0	0	0
1	1	-3.24	-3.39	-3.41	1	1	0	0	0
0	0	-3.11	-3.24	-3.25	1	1	0	0	0
1	1	-2.81	-2.91	-2.9	1	1	0	1	0
1	0	-5.03	-5.38	-5.51	1	1	0	0	1
1	0	-5.11	-5.47	-5.6	1	0	0	0	1
1	1	-3.81	-4.02	-4.07	1	1	0	0	1
1	0	-3.65	-3.85	-3.89	1	0	0	0	1
1	0	-3.91	-4.14	-4.19	1	0	0	0	1
0	0	-2.59	-2.66	-2.65	1	1	0	0	0
1	0	-4.76	-5.09	-5.2	1	1	0	0	0
1	0	-4.58	-4.89	-4.99	1	0	0	0	1
1	1	-4.24	-4.51	-4.59	1	1	0	0	1
1	0	-4.38	-4.66	-4.75	1	1	0	0	0
1	0	-4.39	-4.67	-4.76	1	1	0	0	0
1	0	-4.19	-4.45	-4.53	1	1	1	0	0
1	1	-3.13	-3.27	-3.28	1	1	0	1	0
1	0	-4.2	-4.46	-4.53	1	1	0	1	0
0	0	-2.58	-2.66	-2.64	1	1	0	0	0
1	1	-3.03	-3.15	-3.16	1	1	0	0	0
1	0	-3.63	-3.82	-3.86	1	1	0	0	1
1	0	-4.68	-5	-5.11	1	0	0	0	0
1	0	-3.56	-3.75	-3.79	1	1	0	0	1
1	0	-3.66	-3.86	-3.9	1	1	0	0	0
0	0	-3.86	-4.09	-4.14	1	1	0	0	0
1	1	-4.25	-4.51	-4.59	1	1	0	0	1
0	0	-3.96	-4.19	-4.25	0	1	0	0	0
1	0	-5.5	-5.92	-6.07	1	0	0	0	0
0	0	-1.29	-1.2	-1.11	1	1	0	0	0
1	0	-2.87	-2.98	-2.98	0	1	0	0	0
1	1	-3.08	-3.21	-3.21	1	1	0	0	1
1	0	-2.79	-2.89	-2.88	1	1	0	0	0
1	0	-3.28	-3.43	-3.45	1	1	0	0	0
1	1	-4.04	-4.28	-4.34	1	0	0	0	0
1	0	-3.81	-4.03	-4.08	1	1	0	0	0
1	0	-3.3	-3.46	-3.48	1	1	0	0	0
1	1	-3.59	-3.78	-3.82	1	1	0	0	0
1	1	-4.04	-4.28	-4.34	1	1	0	0	1
1	1	-3.35	-3.51	-3.54	1	0	1	0	0
1	1	-3.25	-3.4	-3.42	1	1	0	0	0

1	1	-2.95	-3.06	-3.06	1	1	0	0	0
1	0	-4.16	-4.42	-4.49	1	1	0	0	0
1	0	-2.56	-2.63	-2.61	1	1	0	0	0
0	0	-2.49	-2.54	-2.52	1	1	0	0	0
1	0	-3.82	-4.03	-4.08	1	1	0	1	0
1	0	-2.4	-2.45	-2.42	1	1	0	0	0
0	0	-3.14	-3.27	-3.28	0	1	0	0	0
1	0	-2.69	-2.77	-2.76	0	1	0	0	0
1	0	-2.62	-2.69	-2.67	0	1	0	0	0
1	0	-4.16	-4.42	-4.49	1	0	1	0	0
1	0	-4.16	-4.42	-4.49	1	0	1	0	0
1	0	-1.66	-1.62	-1.55	1	1	0	0	0
1	0	-3.4	-3.56	-3.59	1	1	1	0	0
1	1	-3.63	-3.82	-3.86	1	1	0	0	0
1	0	-3.29	-3.44	-3.46	1	1	0	0	0
1	0	-3.6	-3.79	-3.83	1	1	0	0	0
1	0	-3.04	-3.16	-3.17	1	1	1	1	0
1	1	-3.19	-3.33	-3.35	1	1	0	0	0
1	0	-3.63	-3.82	-3.86	1	1	0	0	0
1	0	-3.84	-4.05	-4.11	1	1	0	0	0
0	0	-4.14	-4.39	-4.46	0	1	0	0	0
1	0	-4.21	-4.47	-4.54	1	1	0	0	0
1	0	-1.76	-1.74	-1.67	1	1	1	0	0
1	0	-2.99	-3.11	-3.11	1	1	0	0	0
1	0	-2.36	-2.4	-2.37	1	1	1	0	0
0	0	-4.4	-4.69	-4.77	1	1	1	0	0
0	0	-5.36	-5.76	-5.9	1	1	0	0	0
0	0	-1.17	-1.07	-0.97	0	1	0	0	0
1	0	-4.88	-5.22	-5.33	1	0	0	0	0
1	1	-3.42	-3.59	-3.62	1	1	0	0	0
1	0	-1.43	-1.37	-1.28	1	1	0	0	0
1	0	-2.33	-2.37	-2.33	1	0	0	0	0
1	1	-4.11	-4.36	-4.43	0	1	0	0	0
0	0	-3.48	-3.66	-3.69	1	1	0	0	0
1	1	-3.32	-3.47	-3.5	1	1	0	0	0
1	0	-4.32	-4.59	-4.67	1	1	1	0	1
1	1	-2.32	-2.36	-2.32	1	1	0	0	0
1	0	-1.37	-1.3	-1.21	1	1	1	0	0
0	0	-3.99	-4.23	-4.29	1	1	0	0	0
1	0	-2.89	-3	-3	1	1	0	0	0
1	1	-3.03	-3.15	-3.16	1	1	0	0	0
1	0	-3.22	-3.37	-3.38	1	1	0	0	0
1	0	-4.19	-4.44	-4.52	1	1	0	1	0
1	0	-5.37	-5.77	-5.91	1	0	0	0	0
0	0	-0.7	-0.54	-0.41	1	1	0	0	0
1	0	-3.95	-4.18	-4.24	1	1	0	1	0
1	0	-4.37	-4.65	-4.73	1	1	0	0	1
1	0	0.17	0.42	0.6	1	1	0	0	0
1	0	-1.95	-1.95	-1.89	1	1	1	0	0
1	0	-4.46	-4.75	-4.84	1	1	0	1	0

1	1	-2.46	-2.52	-2.49	1	1	0	0	0
1	0	-4.92	-5.27	-5.38	1	1	0	1	0
1	0	-4.59	-4.9	-5	1	0	1	0	1
0	0	-4.14	-4.39	-4.46	1	1	0	0	0
0	0	-1.61	-1.57	-1.49	1	1	0	0	0
1	0	-3.35	-3.51	-3.54	1	1	0	0	0
0	0	-5.32	-5.72	-5.86	1	1	0	1	0
1	0	-2.18	-2.2	-2.15	1	1	0	0	0
1	0	-2.02	-2.02	-1.97	1	1	0	0	0
1	0	-3.58	-3.77	-3.81	1	1	0	0	1
1	0	-4.38	-4.66	-4.74	1	0	0	0	1
1	0	-4.2	-4.46	-4.53	1	1	0	1	0
0	0	-1.42	-1.35	-1.27	1	1	0	0	0
0	0	-1.31	-1.23	-1.13	1	1	0	0	0
1	0	-4.49	-4.78	-4.87	1	0	0	0	0
1	0	-2.97	-3.08	-3.08	0	1	0	1	0
1	1	-4.16	-4.42	-4.49	1	1	0	0	0
0	0	-3.11	-3.25	-3.26	1	1	0	0	0
1	0	-3.54	-3.73	-3.76	1	1	0	0	1
0	0	-1.72	-1.69	-1.62	1	1	0	0	0
1	1	-3.36	-3.53	-3.55	1	1	0	1	0
1	0	-3.23	-3.38	-3.4	1	1	0	0	0
1	0	-4.21	-4.47	-4.55	1	1	0	0	1
0	0	-5.75	-6.19	-6.36	1	1	0	0	1
0	0	-3.94	-4.17	-4.23	1	1	0	0	1
1	0	-3.76	-3.97	-4.02	1	0	0	0	1
1	0	-2.5	-2.57	-2.54	1	1	0	0	0
1	0	-3.32	-3.47	-3.5	1	1	0	0	0
1	0	-1.09	-0.98	-0.88	1	1	0	0	0
1	0	-2.69	-2.77	-2.76	1	1	0	0	0
0	0	-4.01	-4.25	-4.31	1	1	0	0	0
1	0	-3.15	-3.29	-3.3	1	1	0	0	0
1	0	-3.35	-3.51	-3.54	1	1	0	0	0
1	0	-5.24	-5.63	-5.76	1	0	0	0	0
0	0	-2.88	-2.99	-2.99	1	1	0	0	0
0	0	-3.1	-3.23	-3.24	1	1	1	1	0
1	0	-2.6	-2.67	-2.65	1	1	0	0	0
1	0	-4.19	-4.45	-4.53	1	0	0	0	0
1	0	-5.77	-6.21	-6.38	1	0	0	0	1
1	0	-3.06	-3.19	-3.2	1	1	1	0	0
1	0	-3.27	-3.42	-3.44	1	0	0	0	0
1	0	-4.53	-4.83	-4.93	0	1	0	0	0
1	0	-1.03	-0.91	-0.8	1	1	0	0	1
1	0	-3.57	-3.75	-3.79	1	1	0	0	0
0	0	-3.37	-3.53	-3.55	1	1	0	0	0
0	0	-4.09	-4.33	-4.4	1	1	0	0	0
1	0	-3.52	-3.7	-3.73	1	0	0	0	0
1	1	-3.59	-3.78	-3.82	1	1	0	0	0
1	0	-2.55	-2.62	-2.6	1	1	0	0	0
0	0	-1.27	-1.19	-1.09	1	1	0	0	0

0	0	-1.5	-1.45	-1.36	0	1	0	0	0
1	0	-4.79	-5.13	-5.24	1	1	0	1	1
0	0	-4.28	-4.55	-4.63	1	1	0	0	0
0	0	-2.86	-2.96	-2.95	1	1	0	0	0
0	0	0.73	1.05	1.27	0	1	0	0	0
1	0	-2.95	-3.07	-3.07	1	1	0	0	0
0	0	-4.37	-4.65	-4.74	1	1	1	0	0
0	0	-3.36	-3.53	-3.55	1	1	0	0	0
1	1	-2.15	-2.17	-2.12	1	0	1	0	0
0	0	-5.59	-6.02	-6.17	1	1	0	0	0
1	0	-3.96	-4.19	-4.26	1	1	0	0	0
0	0	-2.34	-2.38	-2.35	1	1	1	0	0
1	0	-3.27	-3.42	-3.44	1	1	0	0	0
1	1	-4.06	-4.3	-4.37	1	0	0	0	1
1	0	-2.09	-2.1	-2.05	1	0	1	0	0
0	0	-2.2	-2.23	-2.19	0	1	0	0	0
1	0	-3.66	-3.86	-3.9	1	1	1	0	0
1	0	-4.12	-4.37	-4.44	1	0	1	0	0
1	1	-3.53	-3.71	-3.75	1	1	0	0	0
0	0	-5.09	-5.46	-5.59	1	1	0	0	1
1	0	-3.35	-3.51	-3.54	1	1	0	0	0
1	0	-2.45	-2.5	-2.47	1	1	0	0	0
1	1	-3.54	-3.73	-3.76	1	1	0	0	0
0	0	-2.69	-2.77	-2.75	1	1	1	0	0
0	0	-2.78	-2.87	-2.86	1	1	0	0	0
0	0	-3.68	-3.88	-3.92	1	1	0	0	0
1	1	-2.92	-3.03	-3.02	1	1	0	0	0
1	0	-3.25	-3.4	-3.42	1	1	0	0	0
1	0	-0.12	0.1	0.26	1	1	0	0	0
1	1	-1.03	-0.92	-0.81	1	0	1	0	0
1	1	-2.88	-2.98	-2.98	1	1	1	1	0
1	0	-4.48	-4.77	-4.86	0	1	0	0	0
1	0	-1.55	-1.5	-1.42	1	0	0	0	0
1	0	-2.77	-2.86	-2.85	0	1	0	0	0
0	0	-0.7	-0.55	-0.42	1	1	0	0	0
1	1	-2.19	-2.22	-2.17	1	1	1	0	0
1	0	-2.35	-2.39	-2.36	1	1	1	0	0
0	0	-1.96	-1.96	-1.9	1	1	0	0	1
1	0	0.22	0.48	0.67	1	1	0	1	0
1	0	-4.83	-5.17	-5.28	0	1	0	0	0
1	1	-3.44	-3.62	-3.65	1	1	0	0	0
1	0	-2.68	-2.76	-2.75	1	1	0	0	0
0	0	-1	-0.89	-0.78	1	1	0	0	0
1	1	-1.46	-1.4	-1.31	1	0	1	0	1
1	0	-0.78	-0.64	-0.51	1	0	0	0	1
1	0	-3.65	-3.85	-3.89	1	0	0	0	1
0	0	-2.19	-2.22	-2.17	1	1	0	1	0
1	0	-1.25	-1.16	-1.06	1	0	0	0	1
1	0	-4.53	-4.83	-4.93	0	1	0	0	0
1	0	-0.53	-0.36	-0.22	1	1	1	0	0

1	0	-1.36	-1.28	-1.19	1	0	0	0	0
1	0	-3.44	-3.61	-3.64	0	1	0	0	0
0	0	-0.55	-0.38	-0.24	1	1	0	0	0
1	1	-1.81	-1.79	-1.73	1	1	1	0	0
0	0	-2.46	-2.52	-2.49	1	1	0	0	0
1	0	1.18	1.55	1.8	1	1	1	0	0
1	0	-2.69	-2.77	-2.76	0	1	0	0	0
0	0	-0.7	-0.54	-0.41	1	1	0	0	0
0	0	0	0.23	0.41	1	1	0	1	0
0	0	1.86	2.31	2.59	1	1	0	0	0
0	0	-2.2	-2.23	-2.19	0	1	0	0	0
0	0	0.96	1.3	1.53	1	1	0	0	0
1	0	-2.09	-2.1	-2.05	1	0	1	0	0
0	0	-1.12	-1.02	-0.91	1	1	0	0	0
0	0	-1.5	-1.45	-1.36	0	1	0	0	0
0	0	0.53	0.82	1.02	1	1	0	1	0
0	0	0.77	1.09	1.31	1	1	0	1	0
0	0	-3.36	-3.53	-3.55	1	1	0	0	0
0	0	-2.5	-2.57	-2.54	1	1	0	0	0
1	0	-2.09	-2.1	-2.05	1	1	1	0	0
0	0	-3.94	-4.17	-4.23	1	1	0	0	1
0	0	0.77	1.09	1.31	1	1	0	1	0

B01[C-Br]	B01[N-N]	B01[N-O]	B01[N-S]	B01[O-S]	B02[C-N]	B02[C-O]	B02[C-S]	B02[C-F]	B02[C-Cl]
0	0	0	0	0	1	1	0	0	0
0	0	0	0	0	1	1	0	0	0
0	1	0	0	0	1	0	0	0	1
0	0	0	0	0	1	1	0	0	0
0	0	0	0	1	1	1	1	0	0
0	0	0	0	0	1	0	0	0	0
0	0	0	0	0	1	1	0	0	0
0	1	0	0	0	1	1	0	1	0
0	0	0	0	0	1	1	0	0	0
0	0	0	0	0	1	1	0	0	0
1	0	0	0	0	1	1	0	0	0
0	0	0	0	0	1	1	0	0	0
0	0	0	0	0	1	1	0	1	0
0	0	0	0	0	1	1	0	0	1
0	0	0	0	0	1	0	0	0	1
0	0	1	0	0	1	1	0	0	1
0	0	0	0	0	1	0	0	0	1
0	0	0	0	0	1	0	0	0	1
0	0	0	0	0	1	1	0	0	0
0	0	0	0	0	1	1	0	0	0
0	0	0	0	0	1	0	0	0	1
0	0	0	0	0	1	1	0	0	1
0	0	0	0	0	1	1	0	0	0
0	0	0	0	0	1	0	0	0	1
0	0	0	0	0	1	1	0	0	1
0	0	0	0	0	1	1	0	0	0
0	0	0	0	0	1	1	1	0	0
0	0	0	0	0	1	1	0	1	0
0	0	0	0	0	1	1	0	1	0
0	0	0	0	0	1	1	0	0	0
0	0	0	0	0	1	1	0	0	0
0	0	0	0	0	1	1	0	0	1
0	0	0	0	0	1	1	0	0	0
0	0	0	0	0	1	1	0	0	0
0	0	0	0	0	1	1	0	0	1
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	1	0	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	1	1	0	0	1
0	0	0	0	0	1	1	0	0	0
0	0	0	0	0	1	1	0	0	0
0	0	0	0	0	1	0	0	0	0
0	0	0	0	0	1	1	0	0	0
0	0	0	0	0	1	1	0	0	0
0	0	0	0	0	1	1	0	0	0
0	0	0	0	0	1	1	0	0	0
0	0	0	0	0	1	1	0	0	0
0	0	0	0	0	1	1	0	0	0
0	0	1	0	0	1	1	0	0	0
0	0	1	0	0	1	1	0	0	0
0	0	0	0	0	1	1	0	0	1
0	0	0	0	0	1	0	1	0	0
0	0	0	0	0	1	1	0	0	0







0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	1	1	0	1	1
0	0	0	0	0	1	1	0	0	0
0	0	0	0	0	1	1	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	1	1	0	0	0
0	0	0	0	0	1	1	1	0	0
0	0	0	0	0	1	1	0	0	0
0	0	0	1	1	1	1	1	0	0
0	0	0	0	0	1	1	0	0	0
0	0	0	0	0	1	1	0	0	0
0	0	0	1	1	1	1	1	0	0
0	0	0	0	0	1	1	0	0	0
0	0	0	0	0	1	0	0	0	1
0	0	0	0	0	1	0	1	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	1	1	1	0	0
0	0	0	0	1	1	1	1	0	0
0	0	0	0	0	1	1	0	0	0
0	0	0	0	0	1	1	0	0	0
0	0	0	0	0	1	1	0	0	0
0	0	0	0	0	1	1	1	0	0
0	0	0	0	0	1	1	0	0	0
0	0	0	0	0	1	1	0	0	0
0	0	0	0	0	1	1	0	0	0
0	0	0	0	0	1	1	0	0	0
0	0	0	0	0	1	1	1	1	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	1	0	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	1	0	0	1	1	0	0	0
0	0	0	1	1	1	1	1	0	0
0	0	0	0	1	1	1	1	0	0
0	0	0	0	0	1	1	0	0	1
0	0	0	0	0	1	1	0	1	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	1	1	0	0	0
0	0	0	0	0	1	1	0	0	0
0	0	0	0	0	1	1	0	0	0
0	0	0	0	0	1	1	0	0	0
0	0	0	0	0	1	0	1	0	1
0	0	0	0	0	1	0	0	0	1
0	0	0	0	0	1	1	0	1	0
0	0	0	0	0	1	0	0	0	1
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	1	1	1	0	0

0	0	0	0	0	1	0	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	1	1	0	0	0
0	0	0	1	1	1	1	1	0	0
0	0	0	0	0	1	1	0	0	0
0	0	1	0	0	1	1	1	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	1	1	0	0	0
0	0	0	0	0	1	1	0	1	0
0	0	0	0	0	1	1	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	1	1	0	0	0
0	0	0	0	0	1	1	0	0	0
0	0	0	0	0	1	1	0	0	0
0	0	0	0	0	1	1	0	0	0
0	0	0	0	0	1	1	0	0	0
0	0	0	0	0	1	1	0	0	0
0	0	0	0	0	1	1	0	0	0
0	0	0	0	0	1	1	0	0	0
0	0	0	0	0	1	1	0	0	0
0	0	0	0	0	1	1	0	0	0
0	0	1	1	1	1	1	1	0	0
0	0	0	0	0	1	1	0	0	1
0	0	0	0	0	1	1	0	1	0

B02[C-Br]	B02[N-N]	B02[N-O]	B02[N-S]	B02[O-O]	B02[F-F]	B03[C-N]	B03[C-O]	B03[C-S]	B03[C-F]
0	0	0	0	0	0	1	1	0	0
0	0	1	0	0	0	1	1	0	0
0	1	0	0	0	0	1	0	0	0
0	0	0	0	0	0	1	1	0	0
0	0	1	0	1	0	1	1	1	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	1	1	0	0
0	1	1	0	1	1	1	1	0	1
0	0	0	0	0	0	1	1	0	0
0	0	0	0	0	0	1	1	0	0
1	0	1	0	0	0	1	1	0	0
0	1	1	0	0	0	1	1	0	0
0	0	0	0	1	0	1	1	0	1
0	0	0	0	0	0	1	1	0	0
0	0	0	0	0	0	1	0	0	0
0	0	1	0	1	0	1	1	0	0
0	1	0	0	0	0	1	0	0	0
0	1	0	0	0	0	1	0	0	0
0	0	1	0	1	0	1	1	0	0
0	0	1	0	0	0	1	1	0	0
0	0	0	0	0	0	1	0	0	0
0	0	1	0	0	0	1	1	0	0
0	0	0	0	0	0	1	1	0	0
0	0	0	0	0	0	1	1	1	0
0	1	0	0	1	0	1	1	0	1
0	0	0	0	0	0	1	1	0	1
0	1	0	0	1	0	1	1	0	0
0	0	0	0	0	0	1	1	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	1	1	0	0
0	0	1	0	0	0	1	1	0	0
0	1	1	0	0	0	1	1	0	0
0	0	1	0	0	0	1	1	0	0
0	0	0	0	1	0	0	1	0	0
0	0	0	0	0	0	1	0	0	0
0	0	1	0	1	0	1	1	0	0
0	0	0	0	0	0	1	1	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	1	1	0	0
0	0	0	0	0	0	0	1	0	0
0	1	0	0	0	0	1	0	0	0
0	0	0	0	0	0	1	1	0	0
0	0	0	0	1	0	1	1	0	0
0	0	1	0	1	0	1	1	0	0
0	0	1	0	0	0	1	1	0	0
0	1	0	1	0	0	1	0	1	0
0	1	1	0	0	0	1	1	0	0

0	0	0	0	0	0	1	1	0	0
0	0	0	0	1	0	1	1	0	0
0	0	0	0	0	0	1	1	0	0
0	0	1	0	1	0	1	1	0	0
0	1	1	0	0	0	1	1	0	1
0	0	1	0	0	0	1	1	0	0
0	0	0	0	1	0	0	1	0	0
0	0	0	0	0	0	0	1	0	0
0	0	0	0	0	0	0	1	0	0
0	0	0	0	0	0	1	0	1	0
0	0	1	0	1	0	1	1	0	0
0	1	0	0	0	0	1	0	1	0
0	0	1	0	0	0	1	1	0	0
0	0	0	0	0	0	1	1	0	0
0	0	0	0	1	0	1	1	0	0
0	1	0	1	0	1	1	1	1	1
0	0	1	0	1	0	1	1	0	0
0	0	1	0	0	0	1	1	0	0
0	0	1	0	0	0	1	1	0	0
0	0	0	0	1	0	0	1	0	0
0	0	1	0	1	0	1	1	0	0
0	0	1	0	1	0	1	1	1	0
0	1	1	0	0	0	1	1	0	0
0	1	1	1	0	0	1	1	1	0
0	0	0	0	1	0	1	1	1	0
0	0	0	0	0	0	1	1	0	0
0	0	1	0	1	0	1	1	1	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	1	0	1	1	0	0
0	0	0	0	1	0	1	1	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	1	0	0	1	0	0
0	1	1	0	1	0	1	1	0	0
0	1	1	0	0	0	1	1	0	0
0	1	1	0	0	0	1	1	1	0
0	0	1	0	1	0	1	1	0	0
0	0	1	0	1	0	1	1	1	0
1	0	1	0	1	0	1	1	0	0
0	0	1	0	0	0	1	1	0	0
0	0	0	0	0	0	1	1	0	0
0	0	0	0	0	0	1	1	0	0
0	0	0	0	1	0	1	1	0	1
0	0	0	0	0	0	1	0	0	0
0	0	0	0	1	0	1	1	0	0
0	0	0	0	0	1	1	1	0	1
0	0	1	0	1	0	1	1	0	0
0	0	1	0	1	0	1	1	0	0
0	1	0	0	1	0	1	1	1	0
0	1	1	0	0	0	1	1	0	1

0	1	0	0	0	0	1	1	0	0
0	0	0	0	0	1	1	1	0	1
0	0	0	0	0	0	1	0	1	0
0	0	0	0	0	0	1	1	0	0
0	0	1	0	1	0	1	1	0	0
0	0	1	0	0	0	1	1	0	0
0	1	0	0	0	0	1	1	0	1
0	0	1	0	0	0	1	1	0	0
0	1	1	0	0	0	1	1	0	0
0	0	0	0	1	0	1	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	1	1	0	1
0	0	0	0	1	0	1	1	0	0
0	0	0	0	1	0	1	1	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	0	1	0	1
0	0	0	0	0	0	0	1	0	0
0	1	0	0	0	0	1	0	0	0
0	1	1	0	0	0	1	1	0	0
0	0	1	0	0	0	1	1	0	0
0	1	1	0	1	0	1	1	0	1
0	0	0	0	0	0	1	1	0	0
0	0	1	0	1	0	1	1	0	0
0	1	1	0	1	0	1	1	0	0
0	1	1	0	1	0	1	1	0	0
0	1	0	0	0	0	1	0	0	0
0	1	1	0	1	0	1	1	0	0
0	0	0	0	1	0	1	1	0	0
0	0	0	0	0	0	1	1	0	0
0	0	0	0	0	0	1	1	0	0
0	0	0	0	1	0	1	1	0	0
0	0	0	0	1	0	1	1	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	1	1	0	0
0	0	0	0	1	0	1	1	0	0
0	0	0	0	1	0	1	1	0	0
0	0	0	0	0	0	1	0	0	0
0	1	1	0	1	0	1	1	0	1
0	0	0	0	1	0	1	1	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	1	0	0	0
0	1	1	0	1	0	1	1	1	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	0	1	0	0
0	1	1	0	0	0	1	1	0	0
0	0	0	0	0	0	1	1	0	0
0	0	1	0	1	0	1	1	0	0
0	0	0	0	1	0	1	1	0	0
0	0	0	0	0	0	1	0	0	0
0	1	1	0	0	0	1	1	0	0
0	0	1	0	0	0	1	1	0	0
0	0	0	0	0	0	1	0	0	0
0	1	1	0	0	0	1	1	0	0
0	0	1	0	0	0	1	1	0	0
0	0	0	0	1	0	1	0	0	0
0	1	1	0	0	0	1	1	0	0
0	0	1	0	0	0	1	1	0	0
0	0	0	0	1	0	1	0	0	0
0	1	1	0	0	0	1	1	0	0
0	0	1	0	0	0	1	1	0	0
0	0	0	0	1	0	1	1	0	0

0	0	0	0	1	0	0	1	0	0
0	0	0	0	0	0	1	1	0	1
0	1	0	0	0	0	1	1	0	0
0	0	1	0	0	0	1	1	0	0
0	0	0	0	0	0	0	1	0	0
0	0	0	0	0	0	1	1	0	0
0	0	1	0	0	0	1	1	1	0
0	0	1	0	1	0	1	1	0	0
0	0	1	0	1	0	1	1	1	0
0	0	0	0	0	0	1	1	0	0
0	1	1	0	0	0	1	1	0	0
0	0	1	0	1	0	1	1	1	0
0	1	1	0	0	0	1	1	0	0
0	0	0	0	0	0	1	0	0	0
0	1	0	0	0	0	1	0	1	0
0	0	0	0	1	0	0	1	0	0
0	0	1	0	1	0	1	1	1	0
0	0	0	0	1	0	1	1	0	0
0	0	0	0	1	0	1	1	1	0
0	0	1	0	0	0	1	1	0	0
0	0	1	0	0	0	1	1	0	0
0	0	1	0	0	0	1	1	0	0
0	1	1	0	0	0	1	1	0	0
0	0	0	0	0	0	1	1	0	0
0	1	1	0	0	0	1	1	0	0
0	0	0	0	0	0	1	1	0	0
0	1	1	0	0	0	1	1	0	0
0	0	0	0	0	0	1	1	0	0
0	1	0	1	1	0	1	1	1	0
0	0	1	0	0	0	1	1	0	0
0	0	0	0	1	0	1	1	0	1
0	0	0	0	0	0	0	1	0	0
0	1	1	0	1	0	1	1	0	0
0	0	0	0	0	0	0	1	0	0
0	0	0	0	0	0	1	1	0	0
0	0	0	0	0	0	1	0	1	0
0	1	0	0	0	0	1	0	0	0
0	1	0	0	0	0	1	0	0	0
0	1	0	0	0	0	1	1	0	1
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	0	1	0	0
0	0	1	0	1	0	1	1	1	0

0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	0	1	0	0
0	0	0	0	1	0	1	1	0	0
0	1	1	0	1	0	1	1	1	0
0	0	0	0	0	0	1	1	0	0
0	1	0	0	1	0	1	1	1	0
0	0	0	0	0	0	0	1	0	0
0	0	0	0	1	0	1	1	0	0
0	1	0	0	1	0	1	1	0	1
0	0	0	0	1	0	1	1	0	0
0	0	0	0	1	0	0	1	0	0
0	0	1	0	0	0	1	1	0	0
0	1	0	0	0	0	1	0	1	0
0	0	1	0	0	0	1	1	0	0
0	0	0	0	1	0	0	1	0	0
0	0	0	0	1	0	1	1	0	1
0	0	0	0	1	0	1	1	0	1
0	0	1	0	1	0	1	1	0	0
0	1	1	0	1	0	1	1	0	0
0	1	1	0	1	0	1	1	1	0
0	1	1	0	1	0	1	1	0	0
0	0	0	0	1	0	1	1	0	1







0	0	0	0	0	0	0	1	0	0
0	0	0	0	0	0	0	0	0	0
1	0	0	0	1	0	0	0	0	0
0	0	0	0	0	0	0	1	0	0
0	0	1	1	0	0	0	0	0	0
0	0	0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	1	0	0
0	0	1	1	0	0	0	0	0	0
1	0	1	1	0	0	0	1	0	0
1	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	1	0	0
0	0	0	1	0	0	0	1	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	1	0	1
0	0	0	1	0	0	0	0	0	0
0	0	1	1	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	1	1	0	0	0	0	0	0
0	0	0	0	0	0	0	1	0	0
1	0	0	0	0	0	0	0	0	0
1	0	1	1	0	0	0	1	0	0
1	0	1	0	0	0	0	0	0	0
0	0	1	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	1	1	0	0	0	0	0	0
0	0	0	1	0	0	0	1	0	0
0	0	0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0	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	0	0	0	0	1	0	0
0	0	0	0	1	0	0	0	0	0
0	0	0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0
0	0	0	0	1	0	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	0	1	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	1	0	0
0	0	0	1	0	0	0	1	0	0
0	0	0	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	0	0
0	0	0	1	0	0	0	1	0	0

0	0	0	0	0	0	0	1	0	0
1	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	0	0	0
0	0	1	1	0	0	0	0	0	0
0	0	0	0	0	0	0	1	0	0
0	0	0	1	0	0	0	1	0	0
0	0	1	1	1	0	0	0	0	0
0	0	0	1	0	0	0	1	0	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	0	0	0	1	0	0
0	0	1	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0
0	0	0	0	1	0	0	0	0	0
0	0	1	1	1	0	0	1	1	0
0	0	0	0	0	0	0	0	0	0
0	0	1	1	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	0	0
0	0	1	1	0	0	0	1	0	0
0	0	0	1	0	0	0	0	0	0
0	0	1	1	0	0	0	0	1	0
0	0	1	1	0	0	0	0	0	0
0	0	0	1	0	0	0	1	0	0
0	0	0	1	0	0	0	0	0	0
0	0	0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	1	0	0	0	0	0
0	0	0	1	1	0	0	0	0	1
0	0	0	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	0	0
0	0	0	1	0	0	0	0	0	0
0	0	1	1	0	0	0	0	0	0
0	0	0	1	1	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0
0	0	1	0	0	1	0	0	0	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	0	0	0	0	0	0
0	0	0	0	0	0	0	1	0	0
1	0	0	0	1	0	0	0	0	0
1	0	1	0	0	0	0	0	0	0
1	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	1	1	1	0	0	1	1	0

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	1	0	0
0	0	0	1	0	0	0	1	0	0
0	0	1	1	0	0	0	0	1	0
0	0	0	0	0	0	0	0	0	0
0	0	1	1	1	0	0	0	1	0
0	0	0	0	0	0	0	1	0	0
0	0	0	1	0	0	0	1	0	0
0	0	1	0	0	1	0	0	0	0
0	0	0	1	0	0	0	1	0	0
0	0	0	0	0	0	0	1	0	0
0	0	0	1	0	0	0	1	0	0
0	0	0	0	1	0	0	0	0	0
0	0	1	1	0	0	0	0	0	0
0	0	0	0	0	0	0	1	0	0
0	0	1	0	0	1	0	0	0	0
0	0	1	1	0	1	0	0	0	0
0	0	0	1	0	0	0	1	0	0
0	0	1	1	0	0	0	0	0	0
0	0	1	1	0	0	0	0	0	0
1	0	1	1	0	0	0	1	0	0
0	0	1	1	0	1	0	0	0	0

B03[Cl-Cl]	B04[C-N]	B04[C-O]	B04[C-S]	B04[C-F]	B04[C-Cl]	B04[C-Br]	B04[N-N]	B04[N-O]	B04[N-S]
0	1	1	0	0	0	0	0	0	0
0	1	1	0	0	0	0	0	1	0
0	1	0	0	0	1	0	1	0	0
0	0	1	0	0	0	0	0	1	0
0	1	1	1	0	0	0	0	1	0
0	1	0	0	0	0	0	0	0	0
0	1	1	0	0	0	0	0	0	0
0	1	1	0	1	0	0	1	0	0
0	1	1	0	0	0	0	0	1	0
0	1	1	0	0	0	1	0	0	0
0	1	1	0	0	0	0	1	1	0
0	1	1	0	1	0	0	1	1	0
0	0	1	0	0	1	0	0	1	0
0	1	0	0	0	1	0	1	0	0
0	1	1	0	0	1	0	0	0	0
0	1	0	0	0	1	0	0	0	0
0	1	0	0	0	1	0	1	0	0
0	1	1	0	0	0	0	0	0	0
0	1	1	0	0	0	0	0	0	0
0	1	0	0	0	1	0	0	0	0
0	1	1	0	0	1	0	0	0	0
0	1	1	0	0	0	0	0	0	0
0	1	0	0	0	1	0	0	0	0
0	1	1	0	0	0	0	0	0	0
0	1	0	0	0	1	0	0	0	0
0	1	1	0	1	0	0	1	1	0
0	1	1	0	1	0	0	0	0	0
0	1	1	0	0	0	0	1	0	0
0	1	1	0	0	0	0	0	0	0
0	1	1	0	0	0	0	0	0	0
0	1	1	0	0	0	0	0	0	0
0	1	1	0	0	0	0	0	0	0
0	1	1	0	0	0	0	0	0	0
0	1	1	1	0	0	0	0	1	0
0	1	1	0	1	0	0	1	1	0
0	1	1	0	1	0	0	0	0	0
0	0	1	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0	0	0
0	1	1	0	0	0	0	0	0	0
0	0	1	0	0	0	0	0	0	0
0	1	1	0	0	1	0	0	1	0
0	0	1	0	0	0	0	0	1	0
0	1	1	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0	0	0
0	1	1	0	0	0	0	0	0	0
0	1	1	0	0	0	0	0	1	0
0	1	1	0	0	0	0	0	0	0
0	1	1	0	0	1	0	0	0	0
0	1	0	1	0	0	0	1	0	1
0	1	1	0	0	0	0	0	1	0

0	0	1	0	0	0	0	0	1	0
0	1	1	0	0	0	0	0	0	0
0	1	1	0	0	0	0	0	0	0
0	1	1	0	0	0	0	0	0	0
0	1	1	0	1	0	0	0	1	0
0	1	1	0	0	0	0	0	1	0
0	0	1	0	0	0	0	0	0	0
0	0	1	0	0	0	0	0	0	0
0	0	1	0	0	0	0	0	0	0
0	1	0	1	0	0	0	1	0	0
0	1	0	1	0	0	0	0	0	0
0	1	1	0	0	0	0	0	0	0
0	1	1	1	0	0	0	0	0	1
0	1	1	0	0	0	0	0	0	0
0	1	1	0	0	0	0	0	1	0
0	1	1	1	1	0	0	0	0	0
0	1	1	0	0	0	0	0	0	0
0	1	1	0	0	0	0	0	0	0
0	1	1	0	0	0	0	0	0	0
0	1	1	0	0	0	0	0	0	0
0	1	1	1	0	0	0	0	0	0
0	1	1	1	1	0	0	0	1	0
0	1	1	1	0	0	0	0	1	0
0	1	1	1	0	0	0	0	1	0
0	1	1	0	0	0	0	0	0	0
0	1	1	1	0	0	0	0	0	0
0	1	1	1	1	0	0	0	1	0
0	1	1	0	0	0	0	0	1	0
0	1	1	0	0	0	0	0	0	0
0	1	1	1	0	0	0	0	0	0
0	1	1	1	1	0	0	0	0	0
0	1	0	0	0	0	0	1	0	0
0	1	1	0	0	0	0	0	1	0
0	0	1	0	0	0	0	0	1	0
0	1	0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	0	0	0
0	1	1	0	0	0	0	0	0	0
0	1	1	0	0	0	0	1	0	0
0	1	1	1	0	1	0	0	0	0
0	1	1	0	0	0	0	0	0	0
0	1	1	1	0	0	0	1	1	0
0	1	1	0	0	0	1	1	1	0
0	1	1	0	0	0	0	1	1	0
0	1	1	0	0	0	0	0	0	0
0	1	1	0	0	0	0	0	0	0
0	1	1	0	1	0	0	0	1	0
0	1	0	0	0	0	0	0	0	0
0	1	1	0	0	0	0	0	1	0
0	1	1	0	1	0	0	1	0	0
0	1	1	0	0	1	0	0	0	0
0	1	1	0	0	0	0	0	1	0
0	1	1	1	0	0	0	0	1	0
0	1	1	0	1	0	0	0	0	0
0	1	1	1	0	0	0	0	1	0
0	1	1	1	1	0	0	0	1	0





0	0	1	0	0	0	0	0	0	0
0	1	1	0	1	1	0	0	1	0
0	1	1	0	0	0	0	1	0	0
0	1	1	0	0	0	0	1	1	0
0	0	1	0	0	0	0	0	0	0
0	1	1	0	0	0	0	0	0	0
0	1	1	1	0	0	0	1	0	0
0	1	1	0	0	0	0	0	1	0
0	1	1	1	0	0	0	0	0	0
0	1	1	0	0	0	0	1	1	0
0	1	1	1	0	0	0	1	0	0
0	1	1	0	0	0	0	0	0	0
0	1	0	0	0	1	0	0	0	0
0	1	0	1	0	0	0	1	0	1
0	0	1	0	0	0	0	0	0	0
0	1	1	1	0	0	0	0	0	0
0	1	1	1	0	0	0	0	0	0
0	1	1	0	0	0	0	0	0	0
0	1	1	0	0	1	0	0	1	0
0	1	1	0	0	0	0	0	0	0
0	1	1	0	0	0	0	1	1	0
0	0	1	0	0	0	0	0	1	0
0	1	1	1	0	0	0	0	1	1
0	1	1	1	0	0	0	1	1	0
0	1	1	0	0	0	0	1	1	0
0	1	1	0	0	0	0	0	0	0
0	1	1	0	0	0	0	0	0	0
0	1	1	0	0	0	0	0	0	0
0	1	1	0	0	0	0	1	0	0
0	1	1	1	1	0	0	0	1	0
0	1	1	1	0	0	0	0	1	1
0	1	1	0	0	1	0	0	1	0
0	1	1	0	1	0	0	1	1	0
0	0	1	0	0	0	0	0	0	0
0	1	1	0	0	0	0	0	1	0
0	1	1	0	0	0	0	0	0	0
0	1	1	0	0	0	0	0	0	0
0	1	0	1	0	1	0	1	0	0
0	1	0	0	0	1	0	1	0	0
0	1	0	0	0	1	0	0	0	0
0	1	1	0	1	0	0	1	0	0
0	0	1	0	0	0	0	0	0	0
0	1	1	1	0	0	0	0	0	0
0	1	1	1	0	0	0	0	0	0
0	1	1	0	0	1	0	1	0	0
0	1	1	0	0	0	0	0	0	0
0	1	1	1	0	0	0	0	0	0
0	1	0	1	0	1	0	1	0	0
0	1	0	0	0	1	0	1	0	0
0	1	1	0	1	0	0	1	0	0
0	0	1	0	0	0	0	0	0	0
0	1	1	1	0	0	0	0	0	0

0	1	0	0	0	0	0	1	0	0
0	0	1	0	0	0	0	0	0	0
0	1	1	0	0	0	0	1	1	0
0	1	1	1	0	0	0	0	1	1
0	1	1	0	0	0	0	0	0	0
0	1	1	1	0	0	0	0	1	0
0	0	1	0	0	0	0	0	0	0
0	1	1	0	0	0	0	0	1	0
0	1	1	0	1	0	0	1	1	0
0	1	1	0	0	0	0	0	1	0
0	0	1	0	0	0	0	0	0	0
0	1	1	0	0	0	0	0	1	0
0	1	0	1	0	0	0	1	0	1
0	1	1	0	0	0	0	0	1	0
0	0	1	0	0	0	0	0	0	0
0	1	1	0	1	0	0	1	1	0
0	1	1	0	0	0	0	0	1	0
0	1	1	0	0	0	0	1	0	0
0	1	1	1	0	0	0	0	1	1
0	1	1	0	0	1	0	0	0	0
0	1	1	0	1	0	0	1	1	0

B04[N-Cl]	B04[O-O]	B04[O-S]	B04[O-F]	B04[O-Cl]	B04[Cl-Cl]	B05[C-C]	B05[C-N]	B05[C-O]	B05[C-S]
0	0	0	0	0	0	1	1	1	0
0	1	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	0	0
0	0	0	0	0	0	1	1	1	0
0	1	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	0	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
0	1	0	0	0	0	1	1	1	0
0	1	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
1	0	0	0	0	0	1	1	0	0
1	0	0	0	0	0	1	1	1	0
0	0	0	0	0	1	1	1	0	0
1	0	0	0	0	0	1	1	0	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	0	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	1
0	1	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
0	1	0	0	0	0	1	1	1	0
0	1	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	0	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	0	0
0	0	0	0	0	0	1	1	1	0
0	1	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	0	1
0	0	0	0	0	0	1	1	1	0

0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	0	1	0
0	1	0	0	0	0	1	1	1	0
0	1	0	0	0	0	1	1	1	0
0	0	0	1	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
0	1	0	0	0	0	1	0	1	0
0	1	0	0	0	0	1	0	1	0
0	0	0	0	0	0	1	1	0	1
0	0	0	0	0	0	1	1	0	1
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	1
0	0	0	0	0	0	1	1	1	0
0	0	1	0	0	0	1	1	1	1
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
0	1	0	0	0	0	1	0	1	0
0	0	0	0	0	0	1	1	1	0
0	1	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
0	0	1	0	0	0	1	1	1	0
0	1	1	0	0	0	1	1	1	1
0	0	0	0	0	0	1	1	1	1
0	0	0	0	0	0	1	1	1	0
0	1	1	0	0	0	1	1	1	1
0	0	0	0	0	0	1	1	0	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	0	0
0	1	0	0	0	0	1	0	1	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
1	0	0	0	0	0	1	1	1	1
0	0	0	0	0	0	1	1	1	0
0	0	1	0	0	0	1	1	1	1
0	1	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
0	1	0	0	0	0	1	1	1	0
0	1	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	0	0
0	1	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	1
0	0	0	1	0	0	1	1	1	0

0	1	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
1	0	0	0	0	0	1	1	0	1
0	0	0	0	0	0	1	1	1	0
0	1	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
0	1	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
1	0	0	0	0	0	1	1	0	0
0	0	0	0	0	0	1	1	1	0
0	1	0	0	0	0	1	1	1	0
0	1	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	0	0
0	1	0	0	0	0	1	0	1	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
1	0	0	0	0	0	1	1	1	0
0	1	0	0	0	0	0	0	1	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
0	1	0	0	1	1	1	1	1	0
0	1	0	0	1	1	1	1	1	0
1	0	0	0	0	0	1	1	0	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
0	1	0	0	0	0	1	1	1	0
0	1	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	0	0
0	1	0	0	0	0	1	1	1	0
0	1	0	0	0	0	1	1	1	1
0	1	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	0	0
0	0	0	0	0	0	1	1	0	0
0	1	0	0	0	0	1	1	1	1
0	0	0	0	0	0	1	1	0	0
0	0	0	0	0	0	1	0	1	0
1	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
0	1	0	0	0	0	1	1	1	0
0	1	0	0	0	0	1	1	1	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	1	1	0
0	1	0	0	0	0	1	1	1	0
0	1	0	0	0	0	1	1	1	0



0	0	0	0	0	0	1	1	0	0
0	0	0	0	0	0	1	0	1	0
0	1	0	0	0	0	1	1	1	0
0	1	1	0	0	0	1	1	1	1
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	1
0	1	0	0	0	0	1	0	1	0
0	1	0	0	0	0	1	1	1	0
0	1	0	0	0	0	1	1	1	0
0	1	0	0	0	0	1	1	1	0
0	1	0	0	0	0	1	0	1	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	0	0
0	1	0	0	0	0	1	1	1	0
0	1	0	0	0	0	1	1	1	0
0	1	0	0	0	0	1	1	1	0
0	1	0	1	0	0	1	1	1	0
0	1	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
0	1	1	0	0	0	1	1	1	1
0	1	0	0	1	1	1	1	1	0
0	1	0	1	0	0	1	1	1	0





0	0	0	0	0	0	0	0	0	0
0	0	0	0	1	0	0	0	0	0
0	0	0	0	1	0	0	0	0	1
0	0	0	0	1	0	0	0	0	1
1	0	0	1	1	0	1	0	0	1
0	0	0	0	1	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
0	0	0	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	1	1	0	0	0	0	0
0	0	0	1	0	0	0	0	0	0
0	0	0	0	0	0	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	0	0	0	1	0	0	0	0	0
0	0	0	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0	0	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	1	0	0	0	0	0
0	0	0	0	1	1	0	0	0	0
0	0	0	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
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	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0
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	0	0	0	0	1
0	0	0	1	0	0	0	0	0	0
0	1	0	1	0	0	0	1	0	0
0	0	0	1	0	0	0	0	0	0
0	0	0	0	1	0	0	0	0	1
0	0	1	1	1	0	0	0	1	1
0	0	0	1	0	0	0	0	0	1
0	0	0	0	1	0	0	0	0	0
0	0	0	0	1	0	0	0	0	1
1	0	0	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	1
1	0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	1	0	0	0	0
1	0	0	1	1	0	1	0	0	0



0	0	0	0	0	0	0	0	0	1
1	1	0	0	1	0	0	0	0	0
0	0	0	1	0	0	0	0	0	0
0	0	0	0	1	0	0	0	0	1
0	0	0	0	0	0	0	0	0	1
0	0	0	0	1	0	0	0	0	1
0	0	0	0	1	1	0	0	0	1
0	0	0	0	0	0	0	0	0	1
0	0	0	1	0	0	0	0	0	0
0	0	0	0	1	0	0	0	0	0
0	0	0	1	1	0	0	0	0	0
0	0	0	0	1	1	0	0	0	1
0	0	0	1	0	0	0	0	0	0
0	1	0	1	0	0	0	0	0	0
0	0	0	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0	0	1
0	0	0	0	1	0	0	0	0	1
0	0	0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	1	0	1	1	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	1	1	0	0	0	0	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	1	1	0	0	0	1
0	0	0	1	1	0	0	0	0	1
0	0	0	1	1	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0
0	0	0	0	1	0	0	0	0	0
0	0	0	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1	0	0	1	0	0	0	0	0	0
0	0	0	0	0	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
0	0	0	0	1	0	0	0	0	0
0	0	0	1	1	0	0	0	0	1
0	0	0	1	1	0	0	0	0	0
0	1	0	1	1	0	0	0	0	0
1	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	1	0	0	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	0	0	0	0	0	0	0	0
0	1	0	1	0	0	0	1	0	0
0	0	0	0	0	0	0	1	0	0
1	0	0	0	0	0	0	0	0	0
0	1	0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	1	0	0	0	0	1

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	1	1	0	0	0	0	1
0	0	0	1	1	1	0	0	0	1
0	0	0	0	1	0	0	0	0	0
0	0	0	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	1
1	0	0	1	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	1	0	0	0	0
0	0	0	0	1	0	0	0	0	1
0	0	0	0	0	0	0	0	0	1
1	0	0	0	0	0	1	0	0	0
1	0	0	0	0	0	1	0	0	1
0	0	0	0	0	0	0	0	0	1
0	0	0	1	1	0	0	0	0	1
0	0	0	1	1	0	0	0	0	1
0	1	0	0	1	0	0	1	0	0
1	0	0	0	0	0	1	0	0	1



0	0	0	0	1	1	1	0	0	0
0	0	0	0	1	1	1	0	0	0
0	0	0	0	1	1	1	0	0	0
0	0	0	0	1	1	1	0	0	0
0	0	0	0	1	1	1	0	1	0
0	0	0	0	1	1	1	0	0	0
0	0	0	0	1	0	1	0	0	0
0	0	0	0	1	0	1	0	0	0
0	0	0	0	1	0	1	0	0	0
0	0	0	0	1	1	0	1	0	0
0	0	0	0	1	1	0	1	0	0
0	0	0	0	1	1	1	0	0	0
0	0	0	0	1	1	1	0	0	0
0	0	0	0	1	1	0	0	1	0
0	0	0	0	1	1	1	0	0	0
0	0	0	0	1	1	1	0	0	0
0	0	0	0	1	1	1	0	0	0
0	0	0	0	1	1	1	0	0	0
0	0	0	0	1	1	1	0	0	0
0	0	0	0	1	0	1	0	0	0
0	0	0	0	1	1	1	0	0	0
1	0	0	0	1	1	1	1	0	0
0	0	0	0	1	1	1	0	0	0
0	0	0	0	1	1	1	1	0	0
0	0	0	0	1	1	1	0	0	0
0	0	0	0	1	1	1	0	0	0
1	0	0	0	1	1	1	1	0	0
0	0	0	0	1	1	0	0	0	0
0	0	0	0	1	1	1	0	0	0
0	0	0	0	1	1	1	0	0	0
0	0	0	0	1	1	1	0	0	0
0	0	0	0	1	1	1	0	0	0
0	0	0	0	1	1	1	0	0	0
0	0	0	0	1	1	1	0	0	1
0	0	0	0	1	1	1	0	0	0
0	0	0	0	0	1	1	1	0	0
0	0	0	0	1	1	1	0	0	0
0	0	0	0	1	1	1	0	0	0
0	0	0	0	1	1	1	0	0	0
0	0	0	0	1	1	1	0	0	0
0	0	0	0	1	1	1	0	0	0
0	0	0	0	1	1	1	0	0	0
0	0	0	0	1	1	1	0	1	0
0	0	0	0	1	1	0	0	0	0
0	0	0	0	1	1	1	0	0	0
0	0	0	0	1	1	1	0	1	0
0	0	0	0	1	1	1	0	0	1
0	0	0	0	1	1	1	0	0	0
0	0	0	0	1	1	1	1	0	0
0	0	0	0	1	1	1	0	1	0



0	0	0	0	1	0	1	0	0	0
0	0	0	0	1	1	1	0	1	1
0	0	0	0	1	1	0	0	0	0
0	0	0	0	1	1	1	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	1	1	1	0	0	0
1	0	0	0	1	1	1	1	0	0
0	0	0	0	1	1	1	0	0	0
0	0	0	0	1	1	1	1	0	0
0	0	0	0	1	1	1	0	0	0
0	0	0	0	1	1	1	1	0	0
0	0	0	0	1	1	1	0	0	0
0	0	0	0	1	1	1	1	0	0
0	0	0	0	1	1	1	0	0	0
0	0	0	0	1	1	0	0	0	1
0	0	0	0	1	1	0	1	0	0
1	0	0	0	1	1	1	0	0	0
0	0	0	0	1	1	1	1	0	0
0	0	0	0	1	1	1	0	0	0
0	0	0	0	1	1	1	0	0	0
0	0	0	0	1	1	1	0	0	1
0	0	0	0	1	0	1	0	0	0
0	0	0	0	1	1	1	0	0	0
0	0	0	0	1	1	1	0	0	0
0	0	0	0	1	1	1	0	0	0
0	0	0	0	1	1	1	0	0	0
1	0	0	0	1	1	1	1	0	0
0	0	0	0	1	1	1	0	0	1
0	1	0	0	1	1	1	0	1	0
0	0	0	0	1	0	1	0	0	0
0	0	0	0	1	1	1	0	0	0
0	0	0	0	1	1	1	0	0	0
0	0	0	0	1	1	1	0	0	0
0	0	0	0	1	1	1	1	0	0
1	0	0	0	1	1	1	1	0	0
0	0	0	0	1	1	1	0	0	1
0	0	0	0	1	1	0	0	0	1
0	0	0	0	1	1	0	0	0	1
0	0	0	0	1	1	1	0	0	0
0	0	0	0	1	1	0	0	0	1
0	0	0	0	1	0	1	0	0	0
1	0	0	0	1	1	1	0	0	0



0	0	0	0	1	1	0	0	0	0
0	0	0	0	1	0	1	0	0	0
0	0	0	0	1	1	1	0	0	0
1	0	0	0	1	1	1	1	0	0
0	0	0	0	1	1	1	0	0	0
0	0	0	0	1	1	1	1	0	0
0	0	0	0	1	0	1	0	0	0
0	0	0	0	1	1	1	0	0	0
0	1	0	0	1	1	1	0	1	0
0	0	0	0	1	1	1	0	0	0
0	0	0	0	1	0	1	0	0	0
0	0	0	0	1	1	1	0	0	0
0	0	0	0	1	1	0	1	0	0
0	0	0	0	1	1	1	0	0	0
0	0	0	0	1	0	1	0	0	0
0	1	0	0	1	1	1	0	1	0
0	1	0	0	1	1	1	0	1	0
0	0	0	0	1	1	1	0	0	0
0	0	0	0	1	1	1	0	0	0
0	0	0	0	1	1	1	1	0	0
0	0	0	0	1	1	1	0	0	1
0	1	0	0	1	1	1	0	1	0

B06[C-Br]	B06[N-N]	B06[N-O]	B06[N-S]	B06[N-F]	B06[N-Cl]	B06[O-O]	B06[O-S]	B06[O-F]	B06[O-Cl]
0	0	1	0	0	0	1	0	0	0
0	0	0	0	0	0	0	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	1	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	0	0	0
0	0	1	0	1	0	0	0	1	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1	0	1	0	0	0	0	0	0	0
0	1	1	0	0	0	0	0	0	0
0	0	1	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	1	0	0	0	0
0	1	1	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	0
0	1	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	0	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	0	1	0	0	0	0	0
0	0	1	0	0	0	0	0	1	0
0	0	0	0	0	0	1	0	0	0
0	0	1	0	0	0	0	0	0	0
0	0	1	0	0	1	0	0	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	0	0	0	1	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	1	0	0	0	1
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	1	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	1	0	0	0	0	0	0	0
0	0	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	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	1	0	0	0	0	0	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	0	0	0	1	0	0	0

0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	1	0	0	0
0	1	1	0	0	0	1	0	0	0
0	0	1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	0
0	1	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	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	0	0
0	0	1	0	0	0	0	0	0	0
0	0	1	0	0	0	1	1	0	0
0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	0	0	0
0	0	1	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	0
1	0	1	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	1	0	0	0
0	0	1	0	0	0	1	0	0	0
0	0	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	0	0	0
0	0	1	0	0	0	0	0	0	0
0	0	1	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0	0	0
0	1	1	0	0	0	0	0	0	0
0	0	1	1	0	0	0	0	0	0
0	0	1	0	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	0
0	0	0	0	0	0	0	0	0	0
0	1	1	0	0	0	0	0	0	0
0	1	1	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	0
0	1	0	0	1	0	0	0	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	0	0	1	0	0	0	0
0	0	0	0	0	1	0	0	0	0
0	0	1	0	0	0	0	0	1	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	0	1	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	0	0	0
0	1	1	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	0	0	0
0	0	1	0	0	0	1	0	0	0
0	0	0	0	0	1	0	0	0	1
0	0	1	0	0	0	0	0	0	1
0	0	0	0	0	1	0	0	0	0
0	1	1	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	0	0	0
0	0	1	0	0	1	0	0	0	0
0	0	0	0	0	0	1	0	0	0
0	1	1	0	0	0	1	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	1	0	0	0
0	0	1	0	1	0	1	0	0	0
0	0	1	0	0	0	0	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	1	1	0	0	0	0	0	0
0	0	0	0	0	0	0	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	1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	1	0	0	0
0	0	1	0	0	0	1	0	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	0	0	0	0	0	0	0
0	0	1	0	0	0	1	0	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	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	1	0	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	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	0	0	0

0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	1	1
0	1	1	0	0	0	0	0	0	0
0	1	1	0	0	0	1	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	1	0	0	0	1	0	0	0
0	0	1	0	0	0	1	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	1	0	0	0	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	1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	0	0	0
0	0	1	1	0	0	0	1	0	0
0	0	0	0	0	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
0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	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	1	1	0	0	1	1	0	0
0	1	1	0	0	0	1	0	0	0
0	0	1	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	1	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	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	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	1	1	0	0	0	0	0	0
0	0	0	0	0	0	1	1	0	0
0	0	0	0	0	0	0	0	0	1
0	0	1	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	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	1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	1	0	0	1	0	0	0	0	0
0	0	0	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	1	1	0	0	0	1	0	0

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	1	0	0	0	1	0	0	0
0	0	1	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	1	1	0	0	0	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	1	0	1	0	0	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0	0	0
0	1	1	0	0	0	0	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	1	0	1	0	0	0	0	0
0	0	1	0	1	0	0	0	0	0
0	0	0	0	0	0	1	0	0	0
0	1	1	0	0	0	1	0	0	0
0	0	1	1	0	0	0	0	0	0
0	0	1	0	0	0	0	0	0	1
0	0	1	0	1	0	0	0	0	0



1	1	1	0	0	0	0	0	1	0
1	1	1	0	0	0	0	0	1	0
1	0	1	0	0	0	0	0	1	0
1	1	1	0	0	0	0	0	1	0
1	1	1	0	1	0	0	0	0	0
1	1	1	0	0	0	0	0	0	0
1	0	1	0	0	0	0	0	0	0
1	0	1	0	0	0	0	0	0	0
1	0	1	0	0	0	0	0	0	0
1	1	0	0	0	0	0	0	0	1
1	1	0	1	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0
1	1	1	0	0	0	0	0	0	1
1	1	1	0	0	0	0	0	1	0
1	1	1	0	0	0	0	0	1	0
1	1	1	0	0	0	0	0	0	0
0	1	0	0	1	0	0	0	0	0
1	1	1	0	0	0	0	0	1	1
1	1	0	0	0	0	0	0	1	0
1	1	0	0	0	0	0	0	0	0
1	0	1	0	0	0	0	0	0	0
1	1	1	0	0	0	0	0	0	0
1	1	1	1	0	0	0	0	1	0
1	1	1	0	0	0	0	0	1	0
1	1	1	0	0	0	0	0	0	0
1	1	1	1	0	0	0	0	1	0
1	1	1	1	0	0	0	0	1	0
1	1	1	1	0	0	0	0	1	0
1	1	1	1	1	0	0	0	1	0
1	1	1	1	0	0	0	0	1	0
1	1	1	0	0	0	0	0	0	0
0	1	1	0	0	0	0	0	0	0
1	1	1	0	0	0	1	1	1	0
1	1	1	0	0	0	0	0	1	0
1	0	1	0	0	0	0	0	1	0
1	0	1	0	0	0	0	0	1	0
1	1	1	0	1	0	0	0	0	0
1	1	0	0	0	0	0	0	0	0
1	1	1	0	0	0	0	0	0	0
1	1	1	0	1	0	0	0	0	0
1	1	1	0	0	1	0	0	0	0
1	1	1	0	0	0	0	0	0	0
1	1	1	1	0	0	0	0	0	0
1	1	1	1	0	0	1	0	0	0
1	1	1	1	1	0	0	0	0	0
1	1	1	0	1	0	0	0	0	0
1	1	1	0	0	0	0	0	0	0
1	1	1	1	0	0	0	0	0	0
1	1	1	1	1	0	0	0	0	0



1	1	1	0	0	0	0	0	1	0
1	1	0	0	1	0	0	0	0	0
1	1	0	0	0	1	0	0	0	1
1	1	1	0	0	0	0	0	1	0
1	1	1	0	0	0	0	1	1	0
1	0	0	0	0	0	0	0	0	0
1	1	0	0	1	0	0	0	1	0
1	1	1	0	0	0	0	0	1	0
0	0	0	0	0	0	0	0	0	0
1	1	1	0	0	1	0	0	0	0
1	1	0	0	0	1	0	0	0	0
1	1	0	0	1	0	0	0	0	0
1	1	1	0	0	0	0	0	1	0
1	1	1	0	0	0	0	0	0	0
1	1	0	0	0	0	0	0	0	0
1	0	1	0	1	0	0	0	0	0
1	1	0	0	0	0	0	0	0	0
1	1	1	0	0	0	0	0	0	0
1	1	0	0	1	0	0	0	0	0
1	1	1	0	0	0	0	1	1	0
1	1	1	0	0	1	0	0	0	0
1	1	0	0	0	1	0	0	0	0
1	1	1	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0
1	1	1	0	0	0	0	0	0	0
1	0	1	0	0	0	0	0	1	0
1	1	1	0	0	0	0	0	1	0
1	1	1	0	0	0	0	1	1	0
1	1	1	0	0	0	0	0	1	0
1	1	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0
1	1	0	0	0	1	0	0	0	0
1	1	1	1	0	0	0	1	1	0
1	0	0	0	0	0	0	0	0	0
1	0	1	0	0	0	0	0	0	0
1	1	1	0	0	0	0	1	0	0
1	0	1	0	0	0	0	0	1	0
1	1	1	0	0	0	0	1	1	0
1	1	1	0	0	0	0	0	1	0
0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0
1	1	1	0	0	0	0	0	1	0
1	1	1	0	0	0	0	0	1	0

1	0	1	0	0	0	0	0	0	0
1	1	1	0	1	1	0	0	0	0
1	1	1	0	0	0	0	1	0	0
1	1	1	0	0	0	0	1	0	0
0	0	0	0	0	0	0	0	0	0
1	0	1	0	0	0	0	0	1	0
1	1	1	1	0	0	0	1	1	0
1	1	1	0	0	0	0	0	0	0
1	1	1	1	0	0	0	1	1	0
1	1	1	0	0	0	0	0	0	0
1	1	1	0	0	0	0	0	0	0
1	1	1	1	0	0	0	0	0	0
1	1	1	1	0	0	0	0	0	0
1	1	0	0	0	0	0	0	1	0
1	1	0	0	0	1	0	0	0	0
1	1	0	0	0	0	0	1	0	1
1	0	1	0	0	0	0	0	0	0
1	1	1	1	0	0	0	0	0	0
1	1	1	1	0	0	0	0	0	0
1	1	1	1	0	0	0	0	0	1
1	1	0	0	0	0	0	0	0	0
1	1	1	0	0	1	0	0	0	0
1	0	0	0	0	0	0	0	0	0
1	1	1	0	0	0	0	1	1	0
1	1	1	0	0	0	0	0	0	0
1	1	1	1	0	0	0	0	1	0
1	1	1	1	0	0	0	0	0	0
1	1	1	1	0	0	0	0	1	0
1	1	1	1	0	0	0	1	1	0
1	0	1	0	0	0	0	0	0	0
1	1	1	0	0	0	0	0	0	0
1	1	1	0	0	0	0	0	1	0
1	1	1	0	0	0	0	0	1	0
1	1	1	1	0	0	0	0	1	0
1	1	1	0	0	1	0	0	0	0
1	1	1	0	1	0	0	1	0	0
1	0	1	0	0	0	0	0	0	0
1	1	1	0	0	0	0	0	1	0
1	1	1	0	0	0	0	0	0	0
1	1	1	0	0	0	0	0	1	0
1	1	0	0	0	1	0	0	0	1
1	1	0	0	0	1	0	1	0	0
1	0	0	0	0	0	0	0	0	0
1	1	0	0	1	0	0	0	1	0
1	1	0	0	0	1	0	0	0	0
1	0	1	0	0	0	0	0	0	0
1	1	1	1	0	0	0	0	0	0

1	1	0	0	0	0	0	0	0	0
1	0	1	0	0	0	0	0	0	0
1	1	1	0	0	0	0	1	1	0
1	1	1	1	0	0	0	0	1	1
1	1	1	0	0	0	0	0	0	0
1	1	1	1	0	0	0	0	0	0
1	0	1	0	0	0	0	0	0	0
1	1	1	0	0	0	0	0	0	0
1	1	1	0	1	0	0	1	0	0
1	1	1	0	0	0	0	0	1	0
1	0	1	0	0	0	0	0	0	0
1	1	1	0	0	0	0	0	1	0
1	1	0	0	0	0	0	1	0	1
1	1	1	0	0	0	0	0	1	0
1	0	1	0	0	0	0	0	0	0
1	1	1	0	1	0	0	1	0	0
1	1	1	0	1	0	0	1	0	0
1	1	1	0	0	0	0	0	0	0
1	1	1	0	0	0	0	1	0	0
1	1	1	1	0	0	0	0	1	0
1	1	1	0	0	1	0	0	0	0
1	1	1	0	1	0	0	1	0	0



0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	0	1	1	0
0	0	1	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
0	0	1	0	0	0	1	1	1	0
0	0	1	0	0	0	1	0	1	0
0	0	1	0	0	0	1	0	1	0
0	0	1	0	0	0	1	0	1	0
0	0	0	0	0	0	1	1	0	1
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	1	1	1
0	0	0	0	0	0	1	0	1	0
0	0	0	0	0	0	1	1	1	0
0	0	1	0	0	0	1	1	1	0
1	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	0	0	0
0	0	1	0	0	0	1	0	1	0
0	0	0	0	0	0	1	1	0	0
0	0	0	0	0	0	1	1	1	1
0	0	1	0	0	0	1	1	1	0
0	0	0	0	0	0	0	0	0	1
0	0	0	0	0	0	1	0	1	1
0	0	0	0	0	0	1	0	1	0
0	0	1	1	0	0	0	1	1	1
0	0	0	0	0	0	1	1	0	0
0	0	0	0	0	0	1	1	0	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	0	1	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	0	1
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	0	0	1	0
0	0	0	0	0	0	1	0	1	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	0	0
0	0	1	0	0	0	1	1	1	0
1	0	1	0	0	0	1	1	1	0
0	1	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	0	0	0
0	0	0	1	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0

0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	0	0
0	0	0	0	0	0	1	1	0	1
0	0	0	0	0	0	1	1	1	0
0	0	1	0	0	0	1	1	1	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	1	1	0
0	0	1	0	0	0	1	1	1	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	0	0
0	0	0	0	0	0	1	1	0	0
0	0	1	0	0	0	1	1	1	0
0	0	1	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	0	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	0	0	0	0
1	0	1	0	0	0	1	0	1	0
0	0	0	0	0	0	0	1	1	0
0	0	1	0	0	0	1	0	1	0
0	1	0	0	0	1	1	1	1	0
0	1	0	0	0	0	1	1	1	0
0	1	0	0	0	0	0	1	0	0
0	0	1	0	0	0	1	1	1	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	0	1	0
0	0	0	0	0	0	1	1	1	0
0	0	1	0	0	0	1	0	1	0
0	0	0	0	0	0	1	1	1	0
0	0	1	0	0	0	1	1	1	1
0	0	1	0	0	0	1	1	1	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	1	1	0	0
0	0	0	0	0	0	1	1	1	1
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	0	1	0
0	1	0	0	0	0	1	1	1	0
0	0	1	0	0	0	1	1	1	0
0	0	1	0	0	0	1	1	1	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	1	1	1	0
0	0	1	0	0	0	1	1	1	0
0	0	1	0	0	0	1	1	1	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	1	1	1	0
0	0	1	0	0	0	1	1	1	0



0	0	0	0	0	0	1	1	0	0
0	0	1	0	0	0	1	0	1	0
0	0	1	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	1
0	0	0	0	0	0	1	1	1	0
0	0	0	1	0	0	1	1	1	0
0	0	1	0	0	0	1	0	1	0
0	0	1	0	0	0	1	1	1	0
0	0	0	0	1	0	1	1	1	0
0	0	1	0	0	0	1	1	1	0
0	0	1	0	0	0	1	0	1	0
0	0	1	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	0	0
0	0	1	0	0	0	1	1	1	0
0	0	1	0	0	0	1	0	1	0
0	0	0	0	1	0	1	1	1	0
0	0	1	0	1	0	1	1	1	0
0	0	1	0	0	0	1	1	1	0
0	0	1	0	0	0	1	1	1	0
0	0	1	0	0	0	1	1	1	0
0	0	1	1	0	0	1	1	1	1
0	1	0	0	0	1	1	1	1	0
0	0	1	0	1	0	1	1	1	0







0	0	0	0	1	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	1	0	0
0	0	0	0	1	0	0	0	0	0
0	0	0	0	1	0	0	0	1	0
0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	1	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	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0
0	0	0	0	1	0	0	0	1	0
0	0	0	0	1	0	0	0	1	0
0	0	0	0	0	0	0	0	0	0
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	0	0	0	0	0
0	1	0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0	0	0
0	1	0	1	1	0	0	1	0	0
0	1	0	0	1	0	0	0	0	0
0	0	0	0	0	0	0	1	0	0
0	0	0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	1	1	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	1	0	0	0	1	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	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	0	0	0	0	0	1	0	0
0	0	0	1	0	0	0	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	0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	1	1	0	0	0	1	0
0	0	0	1	1	0	0	0	1	0
0	0	0	0	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	0
0	0	0	0	1	0	0	0	1	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	1	0	0	0	1	0
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	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	1	0	0	0	1	0
0	0	0	0	1	0	0	0	0	0
0	0	0	0	1	0	0	0	1	0
0	0	0	0	0	0	0	0	1	0
0	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	0	0
0	0	0	0	1	0	0	0	1	0
0	0	0	0	0	0	0	0	1	0
0	0	0	0	1	0	0	0	0	0
0	0	0	0	1	0	0	0	1	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	1	0
0	1	0	0	1	0	0	0	0	0
0	0	0	0	1	0	0	0	0	0



0	1	1	1	0	0	0	0	0	0
0	1	1	1	0	0	0	0	0	0
0	1	0	0	0	0	0	0	0	0
0	1	1	1	0	0	0	1	1	0
0	1	1	1	0	0	0	0	0	0
0	1	0	1	0	0	0	1	0	0
0	1	0	1	0	0	0	0	0	0
0	1	0	1	0	0	0	0	0	0
0	1	0	1	0	0	0	0	0	0
0	1	0	0	0	0	0	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	1	1	1	0	0	0	1	0
0	1	0	1	0	0	0	0	0	0
0	1	1	0	0	0	0	0	0	0
0	1	1	0	0	0	0	0	1	0
0	0	0	0	0	0	0	0	0	0
0	1	1	0	0	0	0	0	0	0
0	1	1	1	0	0	0	0	0	0
0	1	1	1	0	0	0	0	0	0
0	1	1	1	1	0	0	1	1	0
0	1	1	1	0	0	0	1	0	0
0	0	0	0	0	0	0	0	0	0
0	1	0	1	1	0	0	0	0	0
0	1	0	0	0	0	0	0	0	0
0	0	1	1	0	0	0	0	0	0
0	1	0	0	0	0	0	0	0	0
0	1	1	0	0	0	0	0	0	0
0	1	1	1	0	0	0	0	0	0
0	1	1	1	0	0	0	0	0	0
0	1	1	1	1	0	1	0	0	0
0	1	1	1	0	0	0	1	1	0
0	0	0	0	0	0	0	0	0	0
0	1	1	1	0	0	0	1	0	0
0	1	1	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	1	0	1	0	0	0	0	0	0
1	1	1	1	0	1	0	0	1	0
0	1	0	0	0	0	0	0	0	0
0	1	1	1	0	0	0	0	1	0
1	1	1	1	0	1	0	0	0	0
0	1	1	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	1	1	1	0	0	0	1	1	0
0	1	1	1	0	0	0	0	0	0

0	1	1	1	0	0	0	0	1	0
0	1	1	0	0	1	0	0	0	0
0	1	0	0	0	0	1	0	0	0
0	1	1	1	0	0	0	0	1	0
0	1	1	1	0	0	0	1	1	0
0	0	0	0	0	0	0	0	0	0
0	1	1	1	0	1	0	0	0	0
0	1	1	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	1	0	1	0	0	1	0	1	0
0	1	1	0	0	0	1	1	0	0
0	1	1	0	0	1	0	0	0	0
0	1	1	1	0	0	0	0	0	0
0	1	1	1	0	0	0	0	1	0
0	1	0	0	0	0	0	0	0	0
1	1	0	1	0	0	0	0	0	0
0	1	0	0	0	0	0	0	0	0
0	1	1	1	0	0	0	0	0	0
0	1	1	1	0	0	0	0	0	0
0	1	1	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	1	0	1	0	0	0	0	0	0
0	1	0	0	0	0	0	0	0	0
0	1	0	1	0	0	1	0	0	0
0	1	1	1	0	0	1	0	1	0
0	0	0	0	0	0	0	0	0	0
0	1	1	1	0	0	0	1	1	0
0	0	0	0	0	0	0	0	0	0
0	1	1	1	0	0	0	0	0	0
0	1	1	1	0	0	0	0	1	0
0	1	0	1	0	0	0	0	0	0
0	1	1	1	0	0	0	0	1	0
0	1	1	1	0	0	0	0	0	0
0	1	0	0	0	0	0	0	0	0
0	1	0	0	0	0	1	0	0	0
0	1	1	1	1	0	0	1	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	0	0
0	1	1	0	0	0	1	1	1	0
0	1	0	1	0	0	0	0	0	0
0	1	1	1	0	0	0	1	1	0
0	1	1	1	0	0	0	1	1	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	1	0	1	0	0	0	0	0	0
0	1	1	1	0	0	0	0	0	0
0	1	1	1	0	0	0	1	1	0
0	0	0	0	0	0	0	0	0	0
0	1	0	1	0	0	0	0	0	0
0	1	1	1	0	0	0	0	0	0



0	1	0	1	0	0	0	0	0	0
0	1	0	1	0	0	1	0	0	0
0	1	1	1	0	0	0	1	0	0
0	1	1	1	0	0	0	1	1	0
0	0	0	0	0	0	0	0	0	0
0	1	0	1	0	0	0	0	0	0
0	1	1	1	1	0	0	0	1	0
0	1	1	1	0	0	0	0	1	0
0	1	0	0	1	0	0	1	1	0
0	1	1	1	0	0	0	0	0	0
0	1	1	1	1	0	0	0	0	0
0	1	1	1	1	0	0	0	1	0
0	1	1	1	0	0	0	0	0	0
0	0	0	0	0	0	1	0	0	0
0	1	1	0	0	0	0	1	0	0
0	1	0	1	0	0	0	0	0	0
0	1	1	1	0	0	0	0	0	0
0	1	1	1	1	0	0	0	0	1
0	1	0	0	0	0	0	0	0	0
0	1	1	1	0	0	1	0	1	0
0	0	0	0	0	0	0	0	0	0
0	1	1	1	0	0	0	0	1	0
0	1	1	0	0	0	0	0	0	0
0	1	1	1	1	0	0	0	0	0
0	1	1	1	1	0	0	0	1	1
0	1	1	1	0	0	0	1	1	0
0	0	0	0	0	0	0	0	0	0
0	1	1	1	0	0	0	0	0	0
0	1	0	1	0	0	0	0	0	0
0	1	0	0	0	0	0	0	0	0
0	1	1	1	0	1	0	0	0	0
0	0	0	1	0	0	0	0	0	0
0	1	0	0	0	0	0	0	0	0
0	1	0	1	0	0	0	0	0	0
0	1	1	1	0	0	0	0	1	0
0	1	1	1	0	0	0	0	0	0
0	1	0	1	0	0	0	0	1	0
0	1	1	1	0	0	1	0	1	0
0	1	1	1	0	0	0	0	1	0
0	1	0	1	0	0	0	0	0	0
0	1	1	1	0	0	0	0	0	0
0	1	1	1	0	0	0	0	0	0
0	1	1	1	0	0	0	0	0	0
0	1	1	1	0	0	0	0	0	0
0	1	1	1	0	0	0	0	0	0
0	1	1	1	0	0	0	0	1	0
0	1	0	0	0	0	1	0	0	0
0	1	1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	1	1	1	0	1	0	0	0	0
0	1	1	0	0	0	1	1	0	0
0	0	0	1	0	0	0	0	0	0
0	1	1	1	0	0	0	0	0	0

0	1	0	0	0	0	0	0	0	0
0	1	0	1	0	0	0	0	0	0
0	1	1	1	0	0	0	1	1	0
0	1	0	1	1	0	0	0	0	0
0	1	1	1	0	0	0	0	0	0
0	1	1	1	0	0	0	1	1	0
0	1	0	1	0	0	0	0	0	0
0	1	1	1	0	0	0	0	1	0
0	1	1	1	0	0	0	0	1	0
0	1	1	1	0	0	0	0	0	0
0	1	0	1	0	0	0	0	0	0
0	1	1	1	0	0	0	0	0	0
0	1	1	1	0	0	0	0	0	0
0	1	1	1	0	0	0	0	0	0
0	1	1	0	0	0	0	1	0	0
0	1	1	1	0	0	0	1	1	0
0	1	0	1	0	0	0	0	0	0
0	1	1	1	0	0	0	0	1	0
0	1	1	1	0	0	0	0	1	0
0	1	1	1	0	0	0	1	1	0
0	1	1	1	0	0	0	0	0	0
0	1	1	1	0	0	1	0	1	0
0	1	1	1	0	0	0	0	1	0



0	0	0	0	0	0	1	1	0	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	1	1	1	0
1	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
0	0	1	0	0	0	1	0	1	0
0	0	0	0	0	0	1	0	1	0
0	0	0	0	0	0	1	0	1	0
0	0	0	0	0	0	0	0	0	0
0	0	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	1	1	0
0	0	1	0	0	0	1	0	1	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	0	1	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	1	0
0	0	0	0	0	0	1	0	0	0
0	0	1	0	0	0	1	0	1	0
0	0	0	0	0	0	1	1	0	0
0	0	0	0	0	0	1	1	1	1
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	0	1	0
0	0	0	0	0	0	0	0	0	0
0	0	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	1	0	0
0	0	0	0	0	0	1	1	0	0
0	0	0	0	0	0	1	1	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	0	1	0
0	0	0	0	0	0	1	0	1	0
0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
0	1	0	0	0	0	1	1	1	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	1	1	0
1	0	0	0	0	0	1	1	1	0

0	0	0	0	0	0	1	1	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	1	1	0
0	0	1	0	0	0	1	1	1	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	1	0	1	0
0	0	0	0	0	0	1	1	0	0
1	0	0	0	0	0	1	1	0	0
0	0	1	0	0	0	1	1	1	0
0	0	1	0	0	0	1	1	1	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	0	1	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	0	1	0
0	1	0	0	0	0	1	1	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	1	0	1	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	0	1	0
0	1	0	0	0	1	1	1	1	0
0	1	0	0	0	1	1	1	1	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	1	0
0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	1	1	1	0
0	0	0	1	0	0	1	1	1	1
0	0	1	0	0	0	1	1	1	0
0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	1	1	1
0	0	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	1	1	0
0	0	0	0	0	0	1	0	0	0
0	0	1	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	1	0	1	0
0	0	1	0	0	0	1	1	1	0

0	0	1	0	0	0	1	0	1	0
1	0	1	0	0	0	1	0	1	0
0	0	0	0	0	0	1	1	1	0
0	0	1	0	0	0	1	1	1	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	1	0
0	0	1	0	0	0	1	1	1	1
0	0	1	0	0	0	1	1	1	0
0	0	0	0	0	0	0	1	1	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	1	1	1	1
0	0	0	0	0	0	1	1	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	1	0	0
0	0	1	0	0	0	1	0	1	0
0	0	1	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	1
0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	0	0	0
0	0	1	1	0	0	1	1	1	1
0	0	1	0	0	0	1	1	1	0
0	0	1	0	0	0	1	1	1	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	1	0	1	0	1	0
0	0	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	0	1	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	1	1	1	0
0	0	1	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	0	0
0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	1	1	1	0

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	0	1	0
0	0	1	0	0	0	1	1	1	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	0	1	0
0	0	1	0	0	0	1	1	1	0
0	0	0	0	0	0	0	1	1	0
0	0	1	0	0	0	1	1	1	0
0	0	1	0	0	0	1	0	1	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	0	0
0	0	0	0	0	0	1	1	1	0
0	0	1	0	0	0	1	0	1	0
0	0	0	0	0	0	1	1	1	0
0	0	1	0	0	0	1	1	1	0
0	0	0	0	0	0	1	1	1	0
0	0	0	0	0	0	1	0	1	0
0	1	0	0	0	1	1	1	1	0
0	0	0	0	0	0	1	1	1	0





0	0	0	0	0	0	0	0	12	2
0	0	0	0	0	0	0	0	20	3
0	0	0	0	0	0	0	0	18	3
0	0	0	1	0	0	1	0	35	10
1	0	1	1	0	0	0	0	21	9
0	0	0	0	0	0	1	0	11	4
0	0	0	0	0	0	0	0	23	0
0	0	0	0	0	0	1	0	24	0
0	0	0	0	0	0	1	0	24	0
0	0	0	0	0	0	0	0	14	6
0	0	0	0	0	0	0	0	14	6
0	0	0	0	0	0	0	0	4	6
0	0	0	0	0	0	0	1	17	8
0	0	0	0	0	0	0	0	16	2
0	0	0	0	0	0	0	0	17	2
0	0	0	0	0	0	0	0	22	2
0	0	0	0	0	0	0	0	6	3
0	0	0	0	0	0	0	0	9	6
0	0	0	0	0	0	0	0	14	5
0	0	0	0	0	0	0	0	15	5
0	0	0	0	0	0	0	0	25	0
0	0	0	0	0	0	0	0	22	6
0	0	0	0	0	0	0	0	12	5
0	0	0	1	0	0	1	0	17	6
0	0	0	0	0	0	0	0	9	4
0	0	0	0	0	0	0	1	18	3
0	0	0	0	0	0	0	0	21	3
0	0	0	0	0	0	0	0	9	0
0	0	0	0	0	0	0	0	18	6
0	0	0	0	0	0	0	0	16	5
0	0	0	0	0	0	0	0	25	4
0	0	0	0	0	0	0	0	13	6
0	0	0	0	0	0	0	0	20	0
0	0	1	0	0	0	1	0	21	9
0	0	0	0	0	0	0	0	14	9
0	1	1	0	0	1	0	0	19	9
0	0	0	1	0	0	0	0	13	7
0	0	0	0	0	0	0	0	8	1
0	0	0	1	0	0	0	0	29	13
0	0	0	0	0	0	0	0	19	8
0	0	0	0	0	0	0	0	18	3
0	0	0	0	0	0	0	0	23	3
1	0	0	0	0	0	0	0	18	2
0	0	0	0	0	0	0	0	20	3
0	0	0	1	0	0	1	0	28	1
1	0	0	1	0	0	0	0	13	2
0	1	0	0	0	0	0	0	21	5
0	0	0	0	0	0	0	0	6	7
0	0	0	0	0	0	1	0	7	8
1	0	1	1	0	0	0	0	21	9

0	0	0	1	0	0	0	0	10	6
1	0	0	0	1	0	0	0	16	2
0	0	0	0	0	0	0	0	14	6
0	0	0	0	0	0	0	0	22	4
0	0	0	1	0	0	1	0	26	10
0	0	0	0	0	0	0	0	9	4
1	0	0	0	0	0	0	0	25	10
0	0	0	1	0	0	1	0	12	3
0	0	0	0	0	0	0	0	2	11
0	1	0	0	0	0	0	0	18	6
0	1	0	0	0	0	0	0	15	7
1	0	1	0	0	0	0	0	19	4
0	0	0	1	0	0	1	0	31	3
0	0	0	1	0	0	1	0	28	1
0	0	0	0	0	0	0	0	17	5
0	0	0	0	0	0	1	0	25	0
0	0	0	0	0	0	0	0	15	3
0	0	0	1	0	0	0	0	15	20
0	1	1	1	0	0	0	0	18	13
0	0	0	0	0	0	0	0	6	2
1	0	0	0	0	0	0	0	11	8
0	0	0	0	0	0	0	0	18	3
0	1	0	0	0	0	0	0	18	3
0	1	1	1	0	0	0	0	27	17
0	1	0	0	0	0	1	0	20	11
0	0	0	0	0	0	0	0	8	6
0	0	1	1	0	0	0	0	15	15
0	0	0	0	0	0	0	0	13	2
0	0	0	1	0	0	1	0	20	8
0	0	0	0	0	0	0	0	20	3
0	0	1	0	0	0	0	0	23	6
0	0	0	0	0	0	0	0	15	3
0	0	0	0	0	0	0	0	16	3
0	0	0	0	0	0	0	0	20	2
0	0	0	1	0	0	1	0	28	5
1	0	0	1	0	0	1	0	19	6
0	0	0	0	0	0	0	0	16	3
0	0	0	0	0	0	0	0	11	3
0	1	0	0	0	0	0	0	18	2
0	0	0	0	0	0	0	0	17	5
0	0	0	0	0	0	0	0	14	3
0	0	0	0	0	0	1	0	22	0
0	1	0	0	0	0	0	0	14	12
0	0	0	0	0	0	0	0	15	3
0	0	1	1	0	0	1	0	43	11
0	0	0	1	0	0	1	0	42	11
0	0	0	0	0	0	0	0	12	1
0	0	0	0	0	0	0	0	15	4
0	0	0	0	0	0	0	0	19	2
0	0	0	1	0	0	1	0	31	3







5	0	0	0	0	0	0	0	0	12
4	0	0	0	0	0	0	0	0	25
6	0	0	0	0	0	0	0	0	31
11	0	0	0	0	0	0	0	0	43
3	0	1	0	0	0	1	0	0	29
4	0	0	0	0	0	0	0	0	11
8	0	0	0	0	0	0	0	0	29
5	0	0	0	0	0	0	0	0	38
5	0	0	0	0	0	0	0	0	38
0	2	0	0	0	0	0	0	0	20
0	2	0	0	0	0	0	0	0	20
3	0	0	0	0	0	0	0	0	10
3	2	0	0	0	0	0	0	0	23
3	0	0	0	0	0	0	0	0	22
6	0	0	0	0	0	0	0	0	20
5	0	0	0	0	0	0	0	0	31
2	2	3	0	0	0	0	0	0	9
3	0	0	0	0	0	0	0	0	16
1	0	0	0	0	0	0	0	0	18
1	0	0	0	0	0	0	0	0	19
7	0	0	0	0	0	0	0	0	34
3	0	0	0	0	0	0	0	0	33
3	1	0	0	0	0	0	1	2	16
4	0	0	0	0	0	0	0	0	20
2	1	0	0	0	0	0	0	0	14
2	4	0	0	0	0	0	0	0	25
1	0	0	0	0	0	0	0	0	27
11	0	0	0	0	0	0	1	3	11
0	0	0	0	0	0	0	0	0	27
3	0	0	0	0	0	0	0	0	23
4	0	0	0	0	0	0	0	0	35
0	0	0	0	0	0	0	0	0	20
5	0	0	0	0	0	0	0	0	26
5	0	0	0	0	0	1	0	0	26
1	0	0	0	0	1	0	0	0	18
1	1	0	1	0	0	0	1	0	27
3	0	0	0	0	0	0	0	0	22
1	1	0	0	0	0	1	1	2	9
6	0	0	0	1	0	0	0	0	46
2	0	0	0	0	0	0	0	0	31
4	0	0	0	0	0	0	0	0	30
5	0	0	0	0	0	0	0	0	34
6	0	1	0	0	0	0	0	0	25
0	0	0	0	0	0	0	0	0	30
14	0	0	0	0	0	0	0	0	40
3	0	3	0	0	0	1	0	0	15
3	0	0	1	0	0	0	0	0	31
3	0	0	0	0	0	0	0	0	16
2	2	0	0	0	0	2	0	0	11
2	0	1	0	0	0	1	0	0	29



22	0	0	0	0	0	0	0	0	41
2	0	1	1	0	0	0	0	0	27
2	0	0	0	0	0	0	0	0	33
4	0	0	0	0	0	0	0	0	45
6	0	0	0	0	0	0	0	0	4
5	0	0	0	0	0	0	0	0	32
4	2	0	0	0	0	0	0	0	39
19	0	0	0	0	0	0	0	0	66
0	1	0	0	0	0	0	1	2	18
2	0	0	0	0	0	0	0	0	46
1	0	0	0	0	0	0	0	0	25
6	1	0	0	0	0	0	1	2	26
2	0	0	0	0	0	0	0	0	26
0	0	0	1	0	0	0	0	0	20
0	2	0	0	0	0	0	0	0	8
21	0	0	0	0	0	0	0	0	60
6	2	0	0	0	0	0	0	0	25
0	2	0	0	0	0	0	0	2	29
1	0	0	0	0	0	0	0	0	14
2	0	0	1	0	0	0	0	0	42
1	0	0	0	0	1	0	0	0	10
7	0	0	0	0	0	0	0	0	22
3	0	0	0	0	0	0	0	0	18
6	4	0	0	0	0	0	0	0	42
5	0	0	0	0	0	0	0	0	46
13	0	0	0	0	0	0	0	0	74
2	0	0	0	0	0	0	0	0	21
3	0	0	0	0	0	0	0	0	28
3	0	0	0	0	0	0	0	0	29
0	2	0	0	0	0	0	0	0	20
2	2	3	0	0	0	0	0	1	17
2	0	0	0	0	0	0	0	0	32
0	0	0	0	0	0	0	0	0	25
5	0	0	0	0	0	0	0	0	38
6	0	0	0	0	0	2	0	0	31
2	1	0	0	0	0	0	1	2	16
4	2	0	0	0	0	0	0	1	20
2	0	0	1	0	0	0	0	0	42
3	0	2	0	0	0	0	0	0	20
2	0	0	0	0	0	0	0	0	38
4	0	0	0	0	0	0	0	0	21
2	0	0	0	0	0	0	0	0	35
8	0	0	0	0	0	0	0	0	35
0	2	0	1	0	0	0	0	0	20
0	0	0	1	0	0	0	0	0	22
0	0	0	2	0	0	0	0	0	9
2	0	1	0	0	0	0	0	0	35
0	0	0	1	0	0	0	0	0	18
2	0	0	0	0	0	0	0	0	35
6	2	0	0	0	0	0	0	0	25



0	0	0	0	0	0	0	0	0	23
4	0	0	0	0	0	0	0	0	38
13	0	0	0	0	0	0	0	0	74
2	3	0	0	0	0	0	1	2	12
2	0	0	0	0	0	0	0	0	46
2	2	0	0	0	0	2	0	0	11
5	0	0	0	0	0	0	0	0	38
14	0	0	0	0	0	0	0	0	40
3	0	1	0	0	0	0	0	0	17
19	0	0	0	0	0	0	0	0	44
21	0	0	0	0	0	0	0	0	60
4	0	0	0	0	0	0	0	0	13
0	2	0	0	0	0	0	0	0	8
12	0	0	0	0	0	0	0	0	65
22	0	0	0	0	0	0	0	0	41
3	0	1	0	0	0	0	0	0	19
5	0	1	0	0	0	0	0	0	23
19	0	0	0	0	0	0	0	0	66
5	0	0	0	0	0	0	0	0	21
3	1	0	0	0	0	1	1	2	14
7	0	0	2	0	0	0	0	0	29
5	0	1	0	0	0	0	0	0	23

F02[C-N]	F02[C-O]	F02[C-S]	F02[C-F]	F02[C-Cl]	F02[C-Br]	F02[N-N]	F02[N-O]	F02[N-S]	F02[O-O]
5	3	0	0	0	0	0	0	0	0
6	8	0	0	0	0	0	1	0	0
11	0	0	0	2	0	2	0	0	0
3	5	0	0	0	0	0	0	0	0
8	7	3	0	0	0	0	1	0	1
1	0	0	0	0	0	0	0	0	0
3	4	0	0	0	0	0	0	0	0
8	5	0	8	0	0	2	2	0	1
1	4	0	0	0	0	0	0	0	0
3	3	0	0	0	0	0	0	0	0
9	1	0	0	0	2	0	1	0	0
11	1	0	0	0	0	1	3	0	0
11	4	0	2	0	0	0	0	0	1
3	4	0	0	2	0	0	0	0	0
6	0	0	0	2	0	0	0	0	0
8	3	0	0	2	0	0	1	0	1
4	0	0	0	4	0	3	0	0	0
12	0	0	0	2	0	1	0	0	0
14	11	0	0	0	0	0	5	0	1
4	4	0	0	0	0	0	1	0	0
5	0	0	0	2	0	0	0	0	0
6	1	0	0	2	0	0	1	0	0
3	6	0	0	0	0	0	0	0	0
1	3	0	0	0	0	0	0	0	0
1	4	3	0	0	0	0	0	0	0
10	4	0	2	0	0	2	0	0	1
2	4	0	2	0	0	0	0	0	0
6	6	0	0	0	0	5	0	0	2
2	8	0	0	0	0	0	0	0	0
7	3	0	0	2	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0
3	2	0	0	2	0	0	0	0	0
4	5	0	0	0	0	0	1	0	0
10	7	0	0	0	0	1	4	0	0
6	2	0	0	4	0	0	2	0	0
0	10	0	0	0	0	0	0	0	2
1	0	0	0	0	0	0	0	0	0
0	2	0	0	0	0	0	4	0	2
0	10	0	0	0	0	0	0	0	0
7	3	0	0	2	0	0	1	0	0
3	6	0	0	0	0	0	0	0	0
2	3	0	0	0	0	0	0	0	0
8	0	0	0	0	0	1	0	0	0
4	9	0	0	0	0	0	0	0	0
6	10	0	0	0	0	0	0	0	3
8	3	0	0	0	0	0	1	0	1
6	1	0	0	2	0	0	1	0	0
11	0	3	0	0	0	1	0	1	0
4	2	0	0	0	0	1	2	0	0

3	8	0	0	0	0	0	0	0	0
3	6	0	0	0	0	0	0	0	1
3	11	0	0	0	0	0	0	0	0
14	11	0	0	0	0	0	5	0	2
12	6	0	2	0	0	1	1	0	0
6	6	0	0	0	0	0	1	0	0
0	12	0	0	0	0	0	0	0	2
0	10	0	0	0	0	0	0	0	0
0	10	0	0	0	0	0	0	0	0
6	0	4	0	0	0	0	0	0	0
7	0	4	0	0	0	0	0	0	0
2	2	0	0	0	0	0	2	0	1
9	3	4	0	0	0	1	0	0	0
2	4	0	0	0	0	0	1	0	0
2	10	0	0	0	0	0	0	0	0
4	6	0	0	0	0	0	0	0	1
2	2	2	0	0	0	1	0	2	0
3	2	0	0	0	0	0	2	0	1
6	1	0	0	0	0	0	1	0	0
7	1	0	0	0	0	0	1	0	0
0	10	0	0	0	0	0	0	0	2
6	2	0	0	0	0	0	2	0	1
7	5	2	0	0	0	0	3	0	1
8	5	0	0	0	0	1	2	0	0
2	2	0	0	0	0	1	2	2	0
3	2	6	0	0	0	0	0	0	1
5	2	0	0	0	0	0	0	0	0
0	20	1	0	0	0	0	3	0	6
6	0	0	0	0	0	0	0	0	0
7	4	0	0	0	0	0	0	0	1
6	7	0	0	0	0	0	0	0	1
8	0	0	0	0	0	0	0	0	0
0	8	0	0	0	0	0	0	0	1
10	6	0	0	0	0	1	2	0	1
14	1	0	0	0	0	1	1	0	0
11	1	3	0	2	0	1	1	0	0
6	1	0	0	0	0	0	2	0	1
4	5	1	0	0	0	0	2	0	1
17	7	0	0	0	1	0	6	0	1
9	2	0	0	0	0	0	1	0	0
3	8	0	0	0	0	0	0	0	0
4	11	0	0	0	0	0	0	0	0
2	7	0	2	0	0	0	0	0	1
1	0	0	0	0	0	0	0	0	0
2	24	0	0	0	0	0	0	0	1
4	3	0	3	0	0	0	0	0	0
5	1	0	0	2	0	0	2	0	1
2	2	0	0	0	0	0	2	0	1
5	6	2	0	0	0	1	0	0	1
12	4	0	2	0	0	1	1	0	0

3	6	0	0	0	0	4	0	0	0
1	4	0	3	0	0	0	0	0	0
6	0	4	0	2	0	0	0	0	0
3	8	0	0	0	0	0	0	0	0
13	8	0	0	0	0	0	6	0	3
9	1	0	0	0	0	0	1	0	0
10	2	0	2	0	0	3	0	0	0
4	6	0	0	0	0	0	1	0	0
5	1	0	0	0	0	3	3	0	0
7	4	0	0	2	0	0	0	0	1
10	0	0	0	2	0	0	0	0	0
2	4	0	2	0	0	0	0	0	0
2	33	0	0	0	0	0	0	0	3
2	23	0	0	0	0	0	0	0	1
6	0	0	0	0	0	0	0	0	0
0	10	0	3	0	0	0	0	0	0
1	3	0	0	0	0	0	0	0	0
16	4	0	0	0	0	8	0	0	0
14	0	0	0	2	0	2	4	0	0
2	2	0	0	0	0	0	2	0	0
8	4	0	2	0	0	1	1	0	1
3	8	0	0	0	0	0	0	0	0
5	5	0	0	2	0	0	1	0	1
19	10	0	0	4	0	4	2	0	1
10	11	0	0	4	0	1	1	0	1
6	0	0	0	4	0	4	0	0	0
15	5	0	0	0	0	5	1	0	2
3	2	0	0	0	0	0	0	0	1
10	10	0	0	0	0	0	0	0	0
4	11	0	0	0	0	0	0	0	0
8	7	0	0	0	0	0	0	0	3
6	6	0	0	0	0	0	0	0	3
6	7	0	0	0	0	0	0	0	3
1	0	0	0	0	0	0	0	0	0
8	16	0	0	0	0	0	0	0	2
5	8	2	2	0	0	3	2	0	2
4	7	0	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0
2	0	0	0	4	0	0	0	0	0
10	6	3	0	0	0	1	2	0	2
6	0	0	0	0	0	0	0	0	0
0	4	0	0	0	0	0	0	0	0
14	0	0	0	2	0	2	2	0	0
1	5	0	0	0	0	0	0	0	0
15	16	0	0	0	0	0	1	0	3
15	13	0	0	0	0	0	0	0	3
3	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	1	2	0	0
3	11	0	0	0	0	0	1	0	0
2	33	0	0	0	0	0	0	0	3

0	28	0	0	0	0	0	0	0	4
3	5	0	2	2	0	0	0	0	0
18	3	0	0	0	0	2	0	0	0
16	6	0	0	0	0	0	2	0	0
0	10	0	0	0	0	0	0	0	0
4	11	0	0	0	0	0	0	0	0
11	6	3	0	0	0	0	2	0	0
3	29	0	0	0	0	0	1	0	4
5	2	2	0	0	0	0	2	0	1
3	5	0	0	0	0	0	0	0	0
8	1	0	0	0	0	1	1	0	0
7	8	4	0	0	0	0	4	0	2
10	2	0	0	0	0	3	2	0	0
4	0	0	0	2	0	0	0	0	0
5	0	2	0	0	0	5	0	0	0
0	34	0	0	0	0	0	0	0	4
5	7	4	0	0	0	0	1	0	1
6	4	3	0	0	0	0	0	0	1
6	1	0	0	0	0	0	1	0	0
4	4	0	0	2	0	0	1	0	0
9	1	0	0	0	0	0	1	0	0
9	8	0	0	0	0	4	1	0	0
3	5	0	0	0	0	0	0	0	0
12	4	4	0	0	0	1	5	2	1
19	6	0	0	0	0	0	4	0	0
15	16	0	0	0	0	0	0	0	3
4	1	0	0	0	0	1	3	0	0
7	4	0	0	0	0	0	0	0	0
7	3	0	0	0	0	0	0	0	0
6	0	4	0	0	0	0	0	0	0
7	5	1	3	0	0	1	0	2	0
0	4	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0
0	10	0	0	0	0	0	0	0	0
8	7	0	0	0	0	0	0	0	3
7	5	4	0	0	0	1	3	0	1
7	6	1	0	0	0	1	0	2	0
4	4	0	0	2	0	0	1	0	0
11	4	0	4	0	0	0	0	0	1
0	4	0	0	0	0	0	0	0	0
4	2	0	0	0	0	3	2	0	1
1	3	0	0	0	0	0	0	0	0
3	8	0	0	0	0	0	0	0	0
6	0	4	0	2	0	0	0	0	0
12	0	0	0	2	0	1	0	0	0
4	0	0	0	4	0	3	0	0	0
10	2	0	2	0	0	3	0	0	0
10	0	0	0	2	0	0	0	0	0
0	4	0	0	0	0	0	0	0	0
5	7	4	0	0	0	0	1	0	1

6	0	0	0	0	0	0	0	0	0
0	7	0	0	0	0	0	0	0	0
15	16	0	0	0	0	0	0	0	3
7	5	7	0	0	0	1	3	0	1
3	5	0	0	0	0	0	0	0	0
5	6	2	0	0	0	1	0	0	1
0	10	0	0	0	0	0	0	0	0
2	24	0	0	0	0	0	0	0	1
10	4	0	2	0	0	2	0	0	1
2	33	0	0	0	0	0	0	0	3
0	34	0	0	0	0	0	0	0	4
4	6	0	0	0	0	0	1	0	0
5	0	2	0	0	0	5	0	0	0
32	13	0	0	0	0	0	11	0	0
0	28	0	0	0	0	0	0	0	4
10	4	0	2	0	0	0	0	0	1
10	8	0	2	0	0	0	0	0	1
3	29	0	0	0	0	0	1	0	4
15	5	0	0	0	0	5	1	0	2
7	8	4	0	0	0	1	3	0	1
10	11	0	0	4	0	1	1	0	1
11	7	0	2	0	0	0	0	0	1

F02[F-F]	F03[C-C]	F03[C-N]	F03[C-O]	F03[C-S]	F03[C-F]	F03[C-Cl]	F03[C-Br]	F03[N-N]	F03[N-O]
0	32	1	5	0	0	0	0	0	0
0	17	4	8	0	0	0	0	0	1
0	25	11	0	0	0	2	0	2	0
0	14	1	4	0	0	0	0	0	1
0	19	5	12	2	0	0	0	1	0
0	34	1	0	0	0	0	0	0	0
0	31	3	5	0	0	0	0	0	0
6	30	3	7	0	14	0	0	2	3
0	18	1	6	0	0	0	0	0	0
0	26	2	5	0	0	0	0	0	0
0	18	8	1	0	0	0	2	2	1
0	35	15	7	0	0	0	0	0	0
0	25	6	8	0	2	0	0	1	0
0	28	1	5	0	0	2	0	0	0
0	27	8	0	0	0	2	0	0	0
0	20	9	5	0	0	3	0	1	1
0	5	6	0	0	0	4	0	0	0
0	23	14	0	0	0	2	0	2	0
0	44	7	17	0	0	0	0	4	6
0	44	5	5	0	0	0	0	0	0
0	33	5	0	0	0	2	0	0	0
0	23	7	2	0	0	2	0	1	1
0	32	3	8	0	0	0	0	0	0
0	29	1	5	0	0	0	0	0	0
0	21	1	5	1	0	0	0	0	0
0	17	12	8	0	1	0	0	1	0
0	29	3	5	0	2	0	0	0	0
0	11	10	6	0	0	0	0	2	0
0	31	3	9	0	0	0	0	0	0
0	28	4	0	0	0	2	0	1	1
0	27	8	0	0	0	0	0	0	0
0	17	4	3	0	0	3	0	0	1
0	21	4	7	0	0	0	0	0	1
0	43	10	12	0	0	0	0	1	3
0	20	7	2	0	0	5	0	1	2
0	32	0	14	0	0	0	0	0	0
0	39	1	0	0	0	0	0	0	0
0	6	2	8	0	0	0	0	0	0
0	47	0	13	0	0	0	0	0	0
0	15	4	6	0	0	2	0	1	0
0	14	1	4	0	0	0	0	0	1
0	10	0	5	0	0	0	0	0	1
0	27	10	0	0	0	0	0	1	0
0	39	5	13	0	0	0	0	0	1
0	29	5	14	0	0	0	0	0	0
0	20	9	5	0	0	0	0	1	1
0	20	7	1	0	0	2	0	1	1
0	20	14	0	2	0	0	0	2	0
0	23	8	5	0	0	0	0	0	0

0	12	1	6	0	0	0	0	0	1
0	27	1	10	0	0	0	0	0	0
0	37	3	14	0	0	0	0	0	1
0	44	7	19	0	0	0	0	4	6
0	29	13	8	0	2	0	0	0	2
0	12	3	4	0	0	0	0	0	1
0	30	0	16	0	0	0	0	0	0
0	44	0	13	0	0	0	0	0	0
0	44	0	13	0	0	0	0	0	0
0	20	6	0	4	0	0	0	0	0
0	22	5	0	4	0	0	0	1	0
0	6	2	6	0	0	0	0	0	1
0	27	9	0	5	0	0	0	1	1
0	21	2	4	0	0	0	0	0	0
0	21	1	8	0	0	0	0	0	1
0	33	4	10	0	0	0	0	0	0
3	7	4	2	2	3	0	0	0	0
0	15	3	7	0	0	0	0	0	0
0	18	5	2	0	0	0	0	0	0
0	19	7	2	0	0	0	0	1	1
0	33	0	16	0	0	0	0	0	0
0	31	6	7	0	0	0	0	0	1
0	16	5	10	2	0	0	0	1	0
0	17	7	5	0	0	0	0	0	1
0	13	6	8	2	0	0	0	0	0
0	22	3	4	6	0	0	0	0	0
0	32	1	3	0	0	0	0	0	0
0	16	1	12	1	0	0	0	0	0
0	27	10	0	0	0	0	0	0	0
0	22	4	7	0	0	0	0	0	0
0	39	1	11	0	0	0	0	0	0
0	19	7	0	0	0	0	0	1	0
0	26	0	12	0	0	0	0	0	0
0	26	10	7	0	0	0	0	2	5
0	21	14	2	0	0	0	0	1	0
0	26	9	2	2	0	3	0	1	0
0	19	5	3	0	0	0	0	0	0
0	7	3	5	1	0	0	0	0	0
0	48	16	18	0	0	0	3	2	4
0	33	10	4	0	0	0	0	0	1
0	35	3	9	0	0	0	0	0	0
0	38	5	14	0	0	0	0	0	1
0	23	2	8	0	2	0	0	0	0
0	34	1	0	0	0	0	0	0	0
0	43	2	34	0	0	0	0	0	1
3	14	4	3	0	6	0	0	0	1
0	36	6	5	0	0	2	0	0	0
0	11	3	7	0	0	0	0	0	0
0	11	3	2	1	0	0	0	2	1
0	29	13	7	0	2	0	0	0	0



0	16	9	6	0	0	0	0	0	0
3	18	1	5	0	6	0	0	0	0
0	20	6	0	4	0	2	0	0	0
0	40	5	8	0	0	0	0	0	0
0	33	7	17	0	0	0	0	4	6
0	12	5	2	0	0	0	0	0	1
0	31	16	2	0	2	0	0	0	0
0	13	2	4	0	0	0	0	0	1
0	6	9	7	0	0	0	0	2	1
0	28	4	0	0	0	2	0	1	1
0	21	8	0	0	0	2	0	0	0
0	29	3	5	0	2	0	0	0	0
0	52	2	42	0	0	0	0	0	1
0	43	2	33	0	0	0	0	0	1
0	26	8	0	0	0	0	0	0	0
0	47	0	14	0	6	0	0	0	0
0	19	0	4	0	0	0	0	0	1
0	25	26	0	0	0	0	0	5	4
0	26	15	6	0	0	2	0	0	0
0	5	2	6	0	0	0	0	0	0
0	20	9	7	0	2	0	0	1	2
0	37	3	9	0	0	0	0	0	0
0	27	5	8	0	0	2	0	0	0
0	45	15	11	0	0	5	0	1	3
0	33	4	10	0	0	5	0	1	2
0	8	8	0	0	0	5	0	3	0
0	21	16	7	0	0	0	0	5	2
0	16	3	5	0	0	0	0	0	0
0	31	6	14	0	0	0	0	2	2
0	37	4	14	0	0	0	0	0	1
0	35	7	14	0	0	0	0	0	1
0	25	6	14	0	0	0	0	0	0
0	26	5	14	0	0	0	0	0	0
0	33	1	0	0	0	0	0	0	0
0	52	7	23	0	0	0	0	1	0
0	25	12	10	0	2	0	0	0	0
0	22	1	11	0	0	0	0	0	1
0	14	2	0	0	0	0	0	0	0
0	26	3	0	0	0	4	0	0	0
0	12	13	13	3	0	0	0	0	0
0	16	9	0	0	0	0	0	0	0
0	38	0	6	0	0	0	0	0	0
0	21	11	3	0	0	2	0	1	1
0	22	2	6	0	0	0	0	0	0
0	89	21	27	0	0	0	0	0	2
0	87	21	21	0	0	0	0	0	1
0	12	3	0	0	0	0	0	0	0
0	23	8	2	0	0	0	0	0	0
0	41	3	12	0	0	0	0	0	0
0	49	2	42	0	0	0	0	0	1

0	46	0	29	0	0	0	0	0	0
0	26	2	7	0	2	2	0	0	0
0	34	18	2	0	0	0	0	1	0
0	43	12	8	0	0	0	0	2	3
0	3	0	8	0	0	0	0	0	0
0	37	5	14	0	0	0	0	0	1
0	39	7	9	3	0	0	0	1	3
0	76	5	42	0	0	0	0	0	1
0	16	5	4	2	0	0	0	0	0
0	47	2	9	0	0	0	0	0	0
0	23	10	3	0	0	0	0	0	0
0	20	10	13	4	0	0	0	0	2
0	24	11	6	0	0	0	0	1	0
0	19	4	0	0	0	2	0	0	0
0	6	9	0	1	0	0	0	0	0
0	68	0	39	0	0	0	0	0	0
0	30	3	7	5	0	0	0	1	1
0	27	4	6	3	0	0	0	0	0
0	16	4	1	0	0	0	0	1	1
0	44	5	9	0	0	2	0	0	0
0	12	5	2	0	0	0	0	0	1
0	21	15	7	0	0	0	0	1	1
0	18	1	4	0	0	0	0	0	1
0	35	15	11	3	0	0	0	2	2
0	48	13	8	0	0	0	0	3	5
0	89	21	25	0	0	0	0	0	2
0	20	6	5	0	0	0	0	0	1
0	30	6	5	0	0	0	0	0	1
0	31	8	4	0	0	0	0	0	0
0	20	6	0	4	0	0	0	0	0
3	15	8	4	3	0	0	0	0	2
0	33	0	6	0	0	0	0	0	0
0	27	8	0	0	0	0	0	0	0
0	44	0	13	0	0	0	0	0	0
0	33	7	14	0	0	0	0	0	1
0	15	7	13	4	0	0	0	1	2
0	17	9	7	3	0	0	0	0	2
0	44	5	9	0	0	2	0	0	0
0	24	7	8	0	4	0	0	1	0
0	44	0	4	0	0	0	0	0	0
0	16	9	7	0	0	0	0	0	0
0	38	0	2	0	0	0	0	0	1
0	40	5	8	0	0	0	0	0	0
0	20	6	0	4	0	2	0	0	0
0	23	14	0	0	0	2	0	2	0
0	5	6	0	0	0	4	0	0	0
0	31	16	2	0	2	0	0	0	0
0	21	8	0	0	0	2	0	0	0
0	38	0	6	0	0	0	0	0	0
0	30	3	7	5	0	0	0	1	1

0	26	8	0	0	0	0	0	0	0
0	44	0	8	0	0	0	0	0	0
0	89	21	25	0	0	0	0	0	2
0	11	7	12	4	0	0	0	1	2
0	47	2	9	0	0	0	0	0	0
0	11	3	2	1	0	0	0	2	1
0	44	0	13	0	0	0	0	0	0
0	43	2	34	0	0	0	0	0	1
0	17	12	8	0	1	0	0	1	0
0	49	2	42	0	0	0	0	0	1
0	68	0	39	0	0	0	0	0	0
0	13	2	4	0	0	0	0	0	1
0	6	9	0	1	0	0	0	0	0
0	76	20	31	0	0	0	0	11	12
0	46	0	30	0	0	0	0	0	0
0	23	6	8	0	2	0	0	1	0
0	27	7	10	0	2	0	0	1	2
0	76	5	42	0	0	0	0	0	1
0	21	16	7	0	0	0	0	5	2
0	14	6	13	4	0	0	0	1	3
0	33	4	10	0	0	5	0	1	2
0	28	6	11	0	2	0	0	1	2

F03[N-S]	F03[N-F]	F03[N-Cl]	F03[O-O]	F03[O-S]	F03[O-F]	F03[Cl-Cl]	F04[C-C]	F04[C-N]	F04[C-O]
0	0	0	0	0	0	0	30	2	5
0	0	0	1	0	0	0	17	3	9
0	0	0	0	0	0	0	23	12	0
0	0	0	1	0	0	0	14	0	4
1	0	0	0	0	0	0	15	8	8
0	0	0	0	0	0	0	31	1	0
0	0	0	1	0	0	0	25	4	6
0	0	0	0	0	0	0	25	8	12
0	0	0	0	0	0	0	17	1	3
0	0	0	0	0	0	0	25	2	5
0	0	0	0	0	0	0	14	9	3
0	0	0	0	0	0	0	39	10	5
0	1	0	0	0	0	0	25	3	4
0	0	0	0	0	0	0	25	0	5
0	0	0	0	0	0	0	29	2	0
0	0	0	0	0	0	0	17	8	7
0	0	2	0	0	0	0	4	5	0
0	0	0	0	0	0	0	20	13	0
0	0	0	0	0	0	0	39	18	25
0	0	0	0	0	0	0	41	11	7
0	0	0	0	0	0	0	30	6	0
0	0	0	0	0	0	0	20	7	3
0	0	0	1	0	0	0	26	3	9
0	0	0	0	0	0	0	27	1	4
0	0	0	0	1	0	0	19	1	5
0	2	0	0	0	0	0	18	7	3
0	0	0	0	0	0	0	28	3	5
0	0	0	0	0	0	0	12	7	4
0	0	0	1	0	0	0	26	4	9
0	0	0	1	0	0	0	25	7	3
0	0	0	0	0	0	0	29	2	0
0	0	0	0	0	0	0	14	3	4
0	0	0	0	0	0	0	15	5	6
0	0	0	1	0	0	0	39	14	17
0	0	0	1	0	0	0	17	6	6
0	0	0	0	0	0	0	30	0	14
0	0	0	0	0	0	0	36	1	0
0	0	0	0	0	0	0	9	2	4
0	0	0	2	0	0	0	41	0	17
0	0	1	0	0	0	0	10	6	4
0	0	0	1	0	0	0	12	0	5
0	0	0	0	0	0	0	10	1	1
0	0	0	0	0	0	0	24	11	0
0	0	0	1	0	0	0	39	4	13
0	0	0	1	0	0	0	28	3	21
0	0	0	0	0	0	0	17	8	7
0	0	0	0	0	0	0	17	6	3
0	0	0	0	0	0	0	18	11	0
0	0	0	0	0	0	0	21	6	8

0	0	0	2	0	0	0	13	0	6
0	0	0	2	0	0	0	23	1	15
0	0	0	2	0	0	0	30	4	18
0	0	0	0	0	0	0	38	18	26
0	0	0	0	0	0	0	23	11	10
0	0	0	1	0	0	0	12	1	5
0	0	0	0	0	0	0	28	0	15
0	0	0	2	0	0	0	36	0	17
0	0	0	2	0	0	0	36	0	17
1	0	0	0	0	0	0	22	2	0
1	0	0	0	0	0	0	20	6	0
0	0	0	0	0	0	0	4	3	4
1	0	0	1	0	0	0	23	12	3
0	0	0	0	0	0	0	19	2	3
0	0	0	2	0	0	0	20	1	10
0	0	0	0	0	0	0	34	2	9
0	0	0	0	0	0	0	4	3	1
0	0	0	0	0	0	0	11	4	6
0	0	0	0	0	0	0	17	4	2
0	0	0	0	0	0	0	17	5	5
0	0	0	0	0	0	0	31	0	14
0	0	0	0	0	0	0	24	7	10
0	0	0	0	0	0	0	11	8	8
0	0	0	1	0	0	0	14	6	7
0	0	0	0	0	0	0	9	6	6
0	0	0	0	0	0	0	24	1	2
0	0	0	0	0	0	0	30	2	3
0	0	0	5	0	0	0	12	1	14
0	0	0	0	0	0	0	33	2	0
0	0	0	0	0	0	0	12	1	8
0	0	0	2	0	0	0	30	0	17
0	0	0	0	0	0	0	12	6	0
0	0	0	0	0	0	0	24	0	13
0	0	0	0	0	0	0	18	17	13
0	0	0	0	0	0	0	23	8	3
1	0	0	0	0	0	0	18	11	2
0	0	0	0	0	0	0	16	6	2
1	0	0	0	0	0	0	3	3	3
0	0	0	1	0	0	0	46	19	24
0	0	0	0	0	0	0	31	7	5
0	0	0	2	0	0	0	28	4	12
0	0	0	2	0	0	0	35	5	17
0	0	0	0	0	0	0	20	1	5
0	0	0	0	0	0	0	31	1	0
0	0	0	3	0	0	0	37	1	38
0	0	0	0	0	0	0	12	3	4
0	0	0	0	0	0	0	33	7	5
0	0	0	0	0	0	0	10	3	3
1	0	0	0	1	0	0	7	6	3
0	0	0	0	0	0	0	23	11	7

0	0	0	2	0	0	0	14	4	9
0	0	0	0	0	0	0	16	1	3
1	0	0	0	0	0	0	22	2	0
0	0	0	2	0	0	0	34	8	10
0	0	0	0	0	0	0	28	17	23
0	0	0	0	0	0	0	9	3	4
0	0	0	0	0	0	0	26	14	1
0	0	0	1	0	0	0	11	2	5
0	0	0	0	0	0	0	5	6	3
0	0	0	2	0	0	0	25	7	4
0	0	0	0	0	0	0	19	5	0
0	0	0	0	0	0	0	28	3	5
0	0	0	7	0	0	0	61	1	39
0	0	0	2	0	0	0	37	1	36
0	0	0	0	0	0	0	28	2	0
0	0	0	2	0	1	0	40	0	18
0	0	0	0	0	0	0	16	1	6
0	0	0	0	0	0	0	24	30	8
0	0	0	0	0	0	0	25	7	7
0	0	0	0	0	0	0	1	1	3
0	0	0	0	0	0	0	17	9	8
0	0	0	2	0	0	0	30	4	13
0	0	0	0	0	0	0	24	4	12
0	0	0	1	0	0	0	40	18	13
0	0	0	1	0	0	0	27	8	13
0	0	0	0	0	0	1	4	9	0
0	0	0	0	0	0	0	19	12	10
0	0	0	0	0	0	0	14	2	6
0	0	0	0	0	0	0	26	10	18
0	0	0	2	0	0	0	33	4	17
0	0	0	0	0	0	0	32	6	19
0	0	0	0	0	0	0	25	4	18
0	0	0	0	0	0	0	26	3	17
0	0	0	0	0	0	0	30	1	0
0	0	0	3	0	0	0	46	8	29
2	0	0	0	0	0	0	27	11	5
0	0	0	0	0	0	0	12	0	12
0	0	0	0	0	0	0	11	2	0
0	0	0	0	0	0	1	23	3	0
1	0	0	0	0	0	0	8	11	11
0	0	0	0	0	0	0	12	6	0
0	0	0	0	0	0	0	30	0	4
0	0	0	0	0	0	0	17	8	3
0	0	0	0	0	0	0	20	4	4
0	0	0	3	0	0	0	113	16	37
0	0	0	3	0	0	0	107	15	27
0	0	0	0	0	0	0	3	3	0
0	0	0	0	0	0	0	21	6	4
0	0	0	3	0	0	0	36	4	20
0	0	0	7	0	0	0	59	1	38

0	0	0	8	0	0	0	45	0	33
0	0	0	0	0	0	0	20	2	5
0	0	0	0	0	0	0	30	16	1
0	0	0	0	0	0	0	39	11	16
0	0	0	5	0	0	0	2	0	6
0	0	0	2	0	0	0	35	4	17
1	0	0	0	0	0	0	29	11	16
0	0	0	5	0	0	0	75	4	64
0	0	0	0	0	0	0	12	6	4
0	0	0	0	0	0	0	44	2	9
0	0	0	0	0	0	0	22	7	1
0	0	0	1	0	0	0	20	8	18
0	0	0	0	0	0	0	17	11	8
0	0	0	0	0	0	0	17	5	0
2	0	0	0	0	0	0	5	4	0
0	0	0	6	0	0	0	63	0	36
1	0	0	1	1	0	0	26	7	13
0	0	0	0	0	0	0	21	4	6
0	0	0	0	0	0	0	12	4	4
0	0	0	0	0	0	0	42	9	7
0	0	0	0	0	0	0	9	3	4
0	0	0	2	0	0	0	15	15	11
0	0	0	1	0	0	0	15	0	5
0	0	0	0	1	0	0	34	17	17
0	0	0	0	0	0	0	39	17	19
0	0	0	3	0	0	0	113	16	33
0	0	0	0	0	0	0	18	8	6
0	0	0	0	0	0	0	23	5	8
0	0	0	0	0	0	0	25	6	6
1	0	0	0	0	0	0	22	2	0
1	0	0	0	0	3	0	12	5	4
0	0	0	0	0	0	0	26	0	4
0	0	0	0	0	0	0	29	2	0
0	0	0	2	0	0	0	36	0	17
0	0	0	0	0	0	0	30	6	18
0	0	0	0	0	0	0	11	7	14
1	0	0	0	0	0	0	15	5	5
0	0	0	0	0	0	0	42	9	7
0	3	0	0	0	0	0	24	3	4
0	0	0	0	0	0	0	36	0	6
0	0	0	0	0	0	0	15	5	4
0	0	0	0	0	0	0	39	1	3
0	0	0	2	0	0	0	34	8	10
1	0	0	0	0	0	0	22	2	0
0	0	0	0	0	0	0	20	13	0
0	0	2	0	0	0	0	4	5	0
0	0	0	0	0	0	0	26	14	1
0	0	0	0	0	0	0	19	5	0
0	0	0	0	0	0	0	30	0	4
1	0	0	1	1	0	0	26	7	13

0	0	0	0	0	0	0	28	2	0
0	0	0	1	0	0	0	36	0	15
0	0	0	3	0	0	0	113	16	33
0	0	0	0	1	0	0	9	6	12
0	0	0	0	0	0	0	44	2	9
1	0	0	0	1	0	0	7	6	3
0	0	0	2	0	0	0	36	0	17
0	0	0	3	0	0	0	37	1	38
0	2	0	0	0	0	0	18	7	3
0	0	0	7	0	0	0	59	1	38
0	0	0	6	0	0	0	63	0	36
0	0	0	1	0	0	0	11	2	5
2	0	0	0	0	0	0	5	4	0
0	0	0	0	0	0	0	68	56	52
0	0	0	7	0	0	0	46	0	34
0	1	0	0	0	0	0	22	3	4
0	1	0	0	0	0	0	25	5	9
0	0	0	5	0	0	0	75	4	64
0	0	0	0	0	0	0	18	13	10
0	0	0	0	0	0	0	10	7	15
0	0	0	1	0	0	0	27	8	13
0	1	0	0	0	0	0	25	5	9



F04[C-S]	F04[C-F]	F04[C-Cl]	F04[C-Br]	F04[N-N]	F04[N-O]	F04[N-S]	F04[N-Cl]	F04[O-O]	F04[O-S]
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	1	0	0	1	0
0	0	2	0	1	0	0	0	0	0
0	0	0	0	0	1	0	0	0	0
2	0	0	0	0	4	0	0	1	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	13	0	0	1	0	0	0	0	0
0	0	0	0	0	1	0	0	0	0
0	0	0	0	0	1	0	0	0	0
0	0	0	2	0	0	0	0	0	0
0	0	0	0	2	2	0	0	1	0
0	4	0	0	1	3	0	0	2	0
0	0	1	0	0	1	0	0	0	0
0	0	1	0	1	0	0	1	0	0
0	0	2	0	0	0	0	1	0	0
0	0	4	0	0	0	0	0	0	0
0	0	1	0	1	0	0	1	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	2	0	0	0	0	0	0	0
0	0	2	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	1	0	0	0	0
0	4	0	0	1	4	0	0	2	0
0	1	0	0	0	0	0	0	0	0
0	0	0	0	2	0	0	0	1	0
0	0	0	0	0	0	0	0	1	0
0	0	1	0	0	0	0	0	0	0
0	0	0	0	1	0	0	0	0	0
0	0	3	0	0	0	0	1	0	0
0	0	0	0	0	1	0	0	1	0
0	0	0	0	0	1	0	0	0	0
0	0	4	0	0	0	0	1	0	0
0	0	0	0	0	0	0	0	3	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	1	0
0	0	0	0	0	0	0	0	1	0
0	0	2	0	0	2	0	0	1	0
0	0	0	0	0	1	0	0	0	0
0	0	0	0	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	0
0	0	0	0	0	4	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	2	0	0	0	0	0	0	0
2	0	0	0	1	0	2	0	0	0
0	0	0	0	0	1	0	0	0	0

0	0	0	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	1	0
0	0	0	0	0	0	0	0	1	0
0	1	0	0	0	1	0	0	0	0
0	0	0	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0	4	0
0	0	0	0	0	0	0	0	1	0
0	0	0	0	0	0	0	0	1	0
3	0	0	0	1	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	1	0	0	0	0
0	0	0	0	0	2	0	0	0	0
1	6	0	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	3	0
0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	1	0	0	1	0
0	0	0	0	0	1	0	0	0	0
1	0	0	0	0	2	0	0	1	2
4	0	0	0	0	2	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	4	2
0	0	0	0	1	0	0	0	0	0
0	0	0	0	0	3	0	0	0	0
0	0	0	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	2	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	3	0	0	0	0	0
3	0	2	0	0	0	0	1	0	0
0	0	0	0	0	0	0	0	0	0
2	0	0	0	1	2	0	0	0	1
0	0	0	3	1	2	0	0	2	0
0	0	0	0	1	1	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	1	0
0	1	0	0	0	1	0	0	1	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	2	0	0	6	0
0	6	0	0	1	0	0	0	0	0
0	0	2	0	0	0	0	0	0	0
0	0	0	0	0	1	0	0	0	0
3	0	0	0	0	4	0	0	0	0
0	1	0	0	0	1	0	0	0	0

0	0	0	0	2	0	0	0	1	0
0	6	0	0	0	1	0	0	0	0
3	0	1	0	1	0	0	1	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	1	0	0	2	0
0	0	0	0	0	0	0	0	0	0
0	1	0	0	1	0	0	0	0	0
0	0	0	0	0	1	0	0	0	0
0	0	0	0	1	3	0	0	1	0
0	0	1	0	0	0	0	0	0	0
0	0	1	0	1	0	0	1	0	0
0	1	0	0	0	0	0	0	0	0
0	0	0	0	0	2	0	0	7	0
0	0	0	0	0	2	0	0	5	0
0	0	0	0	1	0	0	0	0	0
0	5	0	0	0	0	0	0	1	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	4	0	0	0	0	0
0	0	1	0	2	0	0	1	0	0
0	0	0	0	0	0	0	0	1	0
0	2	0	0	1	3	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	0	0	0
0	0	3	0	0	2	0	0	1	0
0	0	3	0	0	0	0	0	1	0
0	0	4	0	2	0	0	1	0	0
0	0	0	0	6	0	0	0	0	0
0	0	0	0	0	2	0	0	0	0
0	0	0	0	0	2	0	0	2	0
0	0	0	0	0	0	0	0	1	0
0	0	0	0	0	4	0	0	0	0
0	0	0	0	0	4	0	0	0	0
0	0	0	0	0	4	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	1	0	0	3	0
2	1	0	0	0	4	0	0	3	0
0	0	0	0	0	1	0	0	2	0
0	0	0	0	0	0	0	0	0	0
0	0	3	0	0	0	0	0	0	0
3	0	0	0	0	2	0	0	2	0
0	0	0	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	1	0	1	0	0	1	0	0
0	0	0	0	0	1	0	0	0	0
0	0	0	0	1	7	0	0	2	0
0	0	0	0	2	7	0	0	2	0
0	0	0	0	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	0
0	0	0	0	0	2	0	0	7	0



0	0	0	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	1	7	0	0	2	0
1	0	0	0	0	2	2	0	1	4
0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	4	0	0	0	0
0	0	0	0	0	0	0	0	1	0
0	0	0	0	0	2	0	0	6	0
0	4	0	0	1	4	0	0	2	0
0	0	0	0	0	2	0	0	7	0
0	0	0	0	0	0	0	0	7	0
0	0	0	0	0	1	0	0	0	0
3	0	0	0	2	0	1	0	0	0
0	0	0	0	0	1	0	0	1	0
0	0	0	0	0	0	0	0	5	0
0	4	0	0	1	3	0	0	2	0
0	4	0	0	1	3	0	0	2	0
0	0	0	0	0	2	0	0	4	0
0	0	0	0	6	0	0	0	0	0
1	0	0	0	0	2	1	0	1	2
0	0	3	0	0	0	0	0	1	0
0	4	0	0	1	3	0	0	2	0

F04[O-F]	F04[O-Cl]	F04[Cl-Cl]	F05[C-C]	F05[C-N]	F05[C-O]	F05[C-S]	F05[C-F]	F05[C-Cl]	F05[C-Br]
0	0	0	26	4	6	0	0	0	0
0	0	0	17	2	9	0	0	0	0
0	0	0	22	11	0	0	0	1	0
0	0	0	12	1	6	0	0	0	0
0	0	0	13	7	8	0	0	0	0
0	0	0	27	2	0	0	0	0	0
0	0	0	19	3	6	0	0	0	0
0	0	0	26	11	11	0	19	0	0
0	0	0	19	3	2	0	0	0	0
0	0	0	26	4	4	0	0	0	0
0	0	0	14	6	3	0	0	0	1
0	0	0	32	15	8	0	0	0	0
0	0	0	19	7	8	0	3	0	0
0	0	0	24	1	5	0	0	1	0
0	0	0	25	4	0	0	0	3	0
0	0	0	17	5	7	0	0	3	0
0	0	1	5	4	0	0	0	0	0
0	0	0	27	7	0	0	0	1	0
0	0	0	41	23	24	0	0	0	0
0	0	0	39	11	6	0	0	0	0
0	0	0	31	6	0	0	0	2	0
0	0	0	19	4	3	0	0	1	0
0	0	0	27	2	7	0	0	0	0
0	0	0	25	2	2	0	0	0	0
0	0	0	20	2	2	2	0	0	0
0	0	0	14	7	8	0	3	0	0
0	0	0	26	4	2	0	1	0	0
0	0	0	13	5	6	0	0	0	0
0	0	0	20	3	7	0	0	0	0
0	0	0	29	6	3	0	0	1	0
0	0	0	25	4	0	0	0	0	0
0	0	0	11	1	2	0	0	3	0
0	0	0	13	6	7	0	0	0	0
0	0	0	39	13	16	0	0	0	0
0	0	0	17	4	7	0	0	4	0
0	0	0	32	0	12	0	0	0	0
0	0	0	27	3	0	0	0	0	0
0	0	0	2	6	10	0	0	0	0
0	0	0	28	0	18	0	0	0	0
0	0	0	7	7	3	0	0	0	0
0	0	0	10	1	8	0	0	0	0
0	0	0	7	2	0	0	0	0	0
0	0	0	24	7	0	0	0	0	0
0	0	0	30	3	8	0	0	0	0
0	0	0	29	6	21	0	0	0	0
0	0	0	17	5	7	0	0	0	0
0	0	0	17	4	3	0	0	1	0
0	0	0	22	7	0	4	0	0	0
0	0	0	15	6	10	0	0	0	0

0	0	0	13	1	7	0	0	0	0
0	0	0	24	0	12	0	0	0	0
0	0	0	20	3	10	0	0	0	0
0	0	0	39	21	26	0	0	0	0
1	0	0	25	2	5	0	1	0	0
0	0	0	10	1	7	0	0	0	0
0	0	0	29	0	15	0	0	0	0
0	0	0	24	0	17	0	0	0	0
0	0	0	24	0	17	0	0	0	0
0	0	0	20	4	0	1	0	0	0
0	0	0	24	4	0	1	0	0	0
0	0	0	6	1	1	0	0	0	0
0	0	0	29	7	3	2	0	0	0
0	0	0	11	3	4	0	0	0	0
0	0	0	24	3	9	0	0	0	0
0	0	0	37	4	8	0	0	0	0
0	0	0	1	2	1	1	6	0	0
0	0	0	12	3	3	0	0	0	0
0	0	0	12	4	3	0	0	0	0
0	0	0	14	4	6	0	0	0	0
0	0	0	34	0	12	0	0	0	0
0	0	0	28	4	10	0	0	0	0
0	0	0	9	6	8	0	0	0	0
0	0	0	14	5	10	0	0	0	0
0	0	0	7	2	2	2	0	0	0
0	0	0	20	2	4	8	0	0	0
0	0	0	26	4	4	0	0	0	0
0	0	0	8	1	14	3	0	0	0
0	0	0	29	4	0	0	0	0	0
0	0	0	11	2	7	0	0	0	0
0	0	0	26	1	16	0	0	0	0
0	0	0	6	8	0	0	0	0	0
0	0	0	23	0	16	0	0	0	0
0	0	0	22	12	12	0	0	0	0
0	0	0	19	8	2	0	0	0	0
0	0	0	18	6	2	2	0	2	0
0	0	0	15	5	3	0	0	0	0
0	0	0	1	2	4	2	0	0	0
0	0	0	46	14	19	0	0	0	3
0	0	0	25	7	5	0	0	0	0
0	0	0	17	3	8	0	0	0	0
0	0	0	28	3	11	0	0	0	0
0	0	0	17	3	5	0	1	0	0
0	0	0	27	2	0	0	0	0	0
0	0	0	38	1	30	0	0	0	0
0	0	0	13	3	4	0	3	0	0
0	0	0	36	6	2	0	0	2	0
0	0	0	8	3	5	0	0	0	0
0	0	0	9	3	5	2	0	0	0
1	0	0	25	2	3	0	1	0	0

0	0	0	13	7	5	0	0	0	0
0	0	0	17	3	3	0	3	0	0
0	0	0	20	4	0	1	0	2	0
0	0	0	30	8	6	0	0	0	0
0	0	0	30	19	22	0	0	0	0
0	0	0	9	1	2	0	0	0	0
0	0	0	29	15	1	0	1	0	0
0	0	0	8	3	8	0	0	0	0
0	0	0	4	1	2	0	0	0	0
0	0	0	29	6	4	0	0	1	0
0	0	0	17	3	0	0	0	2	0
0	0	0	26	4	2	0	1	0	0
0	0	0	60	1	51	0	0	0	0
0	0	0	38	1	28	0	0	0	0
0	0	0	25	3	0	0	0	0	0
0	0	0	27	0	18	0	4	0	0
0	0	0	20	2	2	0	0	0	0
0	0	0	35	18	4	0	0	0	0
0	0	0	17	10	7	0	0	1	0
0	0	0	0	0	1	0	0	0	0
0	0	0	16	7	5	0	0	0	0
0	0	0	20	3	8	0	0	0	0
0	0	0	24	1	12	0	0	1	0
0	2	1	38	17	12	0	0	3	0
0	2	1	29	7	9	0	0	3	0
0	0	0	3	8	0	0	0	1	0
0	0	0	17	14	8	0	0	0	0
0	0	0	13	3	8	0	0	0	0
0	0	0	24	10	12	0	0	0	0
0	0	0	23	3	11	0	0	0	0
0	0	0	32	8	21	0	0	0	0
0	0	0	22	8	22	0	0	0	0
0	0	0	24	6	20	0	0	0	0
0	0	0	26	2	0	0	0	0	0
0	0	0	46	7	22	0	0	0	0
0	0	0	28	12	10	3	1	0	0
0	0	0	12	1	10	0	0	0	0
0	0	0	10	2	0	0	0	0	0
0	0	0	20	2	0	0	0	3	0
0	0	0	14	6	8	1	0	0	0
0	0	0	10	2	0	0	0	0	0
0	0	0	20	0	5	0	0	0	0
0	0	0	14	7	2	0	0	2	0
0	0	0	21	4	5	0	0	0	0
0	0	0	103	21	61	0	0	0	0
0	0	0	95	23	55	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	15	6	6	0	0	0	0
0	0	0	36	4	18	0	0	0	0
0	0	0	55	1	51	0	0	0	0



0	0	0	47	0	35	0	0	0	0
0	0	0	17	3	3	0	1	1	0
0	0	0	31	10	1	0	0	0	0
0	0	0	37	18	16	0	0	0	0
0	0	0	1	0	4	0	0	0	0
0	0	0	26	3	11	0	0	0	0
0	0	0	33	13	10	1	0	0	0
0	0	0	85	3	69	0	0	0	0
0	0	0	11	5	4	2	0	0	0
0	0	0	43	3	3	0	0	0	0
0	0	0	21	9	3	0	0	0	0
0	0	0	26	7	17	1	0	0	0
0	0	0	18	3	6	0	0	0	0
0	0	0	18	5	0	0	0	1	0
0	0	0	6	5	0	0	0	0	0
0	0	0	58	0	33	0	0	0	0
0	0	0	31	6	12	3	0	0	0
0	0	0	22	4	6	2	0	0	0
0	0	0	7	4	6	0	0	0	0
0	0	0	44	10	6	0	0	1	0
0	0	0	9	1	2	0	0	0	0
0	0	0	20	8	4	0	0	0	0
0	0	0	12	1	6	0	0	0	0
0	0	0	39	14	14	2	0	0	0
0	0	0	40	21	16	0	0	0	0
0	0	0	103	21	55	0	0	0	0
0	0	0	16	6	8	0	0	0	0
0	0	0	21	4	6	0	0	0	0
0	0	0	22	5	5	0	0	0	0
0	0	0	20	4	0	1	0	0	0
0	0	0	11	3	5	3	6	0	0
0	0	0	18	0	4	0	0	0	0
0	0	0	25	4	0	0	0	0	0
0	0	0	24	0	17	0	0	0	0
0	0	0	29	8	21	0	0	0	0
0	0	0	11	5	8	1	0	0	0
0	0	0	10	4	6	3	0	0	0
0	0	0	44	10	6	0	0	1	0
0	0	0	17	7	8	0	7	0	0
0	0	0	24	0	5	0	0	0	0
0	0	0	13	6	6	0	0	0	0
0	0	0	45	2	1	0	0	0	0
0	0	0	30	8	6	0	0	0	0
0	0	0	20	4	0	1	0	2	0
0	0	0	27	7	0	0	0	1	0
0	0	1	5	4	0	0	0	0	0
0	0	0	29	15	1	0	1	0	0
0	0	0	17	3	0	0	0	2	0
0	0	0	20	0	5	0	0	0	0
0	0	0	31	6	12	3	0	0	0

0	0	0	25	3	0	0	0	0	0
0	0	0	24	0	15	0	0	0	0
0	0	0	103	21	55	0	0	0	0
0	0	0	9	3	4	2	0	0	0
0	0	0	43	3	3	0	0	0	0
0	0	0	9	3	5	2	0	0	0
0	0	0	24	0	17	0	0	0	0
0	0	0	38	1	30	0	0	0	0
0	0	0	14	7	8	0	3	0	0
0	0	0	55	1	51	0	0	0	0
0	0	0	58	0	33	0	0	0	0
0	0	0	8	3	8	0	0	0	0
0	0	0	6	5	0	0	0	0	0
0	0	0	99	43	34	0	0	0	0
0	0	0	48	0	37	0	0	0	0
0	0	0	15	7	8	0	3	0	0
1	0	0	20	8	11	0	4	0	0
0	0	0	85	3	69	0	0	0	0
0	0	0	19	10	8	0	0	0	0
0	0	0	10	5	8	1	0	0	0
0	2	1	29	7	9	0	0	3	0
1	0	0	21	7	11	0	4	0	0



0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0	0	0
0	1	0	0	0	0	1	0	0	0
0	5	0	0	0	0	6	0	0	0
3	1	0	1	0	0	1	0	0	0
0	1	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	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1	1	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	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	1	0	0	0	0	0	0	0	0
0	1	1	0	0	0	0	2	0	0
0	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	2	0	0	0	0	6	1	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	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	0	0	0	0	1	0	0	0
1	0	0	0	0	0	0	0	0	0
1	0	0	0	1	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	2	0	0	0
2	2	0	0	0	1	4	0	0	0
1	0	0	0	0	0	1	0	0	0
0	1	0	0	0	0	0	0	0	0
0	1	0	0	0	0	1	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	9	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0
3	1	0	1	0	0	0	0	0	0

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	6	0	0	0	0	7	0	0	0
0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	6	0	0	0
0	0	0	0	0	0	9	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	0
10	8	0	0	0	0	0	0	0	0
0	0	0	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	2	0	2	0	0	0	0	1	0
0	1	0	0	0	0	0	0	0	0
0	3	0	0	0	0	0	0	0	0
1	3	0	0	1	0	0	0	0	0
0	4	0	0	1	0	0	0	0	0
0	0	0	0	4	0	0	0	0	0
1	2	0	0	0	0	2	0	0	0
0	0	0	0	0	0	0	0	0	0
1	2	0	0	0	0	4	0	0	0
0	1	0	0	0	0	1	0	0	0
0	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	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	0	0	0	0	7	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	3	1	0	0	0	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	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1	2	0	0	0	0	4	0	0	0
0	1	0	0	0	0	1	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	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	6	0	0	0

0	0	0	0	0	0	5	0	0	0
0	1	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	2	0	0	0
0	0	0	0	0	0	3	0	0	0
0	1	0	0	0	0	1	0	0	0
0	1	1	0	0	0	2	1	0	0
0	0	0	0	0	0	14	0	0	0
1	0	0	0	0	0	0	0	0	0
0	2	0	0	0	0	0	0	0	0
1	1	0	0	0	0	0	0	0	0
0	1	2	0	0	0	5	0	0	0
3	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0
0	0	2	0	0	0	0	0	0	0
0	0	0	0	0	0	7	0	0	0
0	2	0	0	0	0	1	1	0	0
1	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
2	4	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
3	3	1	0	0	0	3	1	0	0
1	3	0	0	0	0	3	0	0	0
1	2	0	0	0	0	3	0	0	0
0	0	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	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	1	0	0
0	0	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	0	0	0
0	1	0	0	0	0	0	0	0	0
1	2	0	0	0	0	4	0	0	0
2	1	0	0	0	0	0	1	0	0
1	1	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	2	0
0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	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	0	0	0	1	0	0	0	0	0
0	0	0	0	4	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	2	0	0	0	0	1	1	0	0

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1	2	0	0	0	0	3	0	0	0
1	2	1	0	0	0	4	1	0	0
0	2	0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	9	0	0	0
1	0	0	1	0	0	0	0	1	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	0	0	0	0
0	0	2	0	0	0	0	0	0	0
0	11	0	0	0	0	12	0	0	0
0	0	0	0	0	0	6	0	0	0
0	0	0	1	0	0	0	0	1	0
0	0	0	1	0	0	1	0	1	0
0	0	0	0	0	0	14	0	0	0
2	2	0	0	0	0	2	0	0	0
1	2	0	0	0	0	5	0	0	0
0	4	0	0	1	0	0	0	0	0
0	0	0	1	0	0	1	0	1	0

F05[S-Cl]	F06[C-C]	F06[C-N]	F06[C-O]	F06[C-S]	F06[C-F]	F06[C-Cl]	F06[C-Br]	F06[N-N]	F06[N-O]
0	29	4	4	0	0	0	0	0	1
0	13	3	10	0	0	0	0	0	0
0	15	7	0	0	0	5	0	0	0
0	8	2	5	0	0	0	0	0	0
0	12	3	6	2	0	0	0	1	3
0	19	4	0	0	0	0	0	0	0
0	11	1	5	0	0	0	0	0	1
0	29	9	6	0	7	0	0	0	4
0	20	4	0	0	0	0	0	0	0
0	25	5	2	0	0	0	0	0	0
0	10	3	2	0	0	0	3	0	1
0	34	11	6	0	0	0	0	2	3
0	11	7	10	0	3	0	0	0	1
0	24	3	0	0	0	2	0	0	0
0	19	4	0	0	0	4	0	0	0
0	11	6	5	0	0	3	0	0	4
0	4	2	0	0	0	4	0	0	0
0	22	7	0	0	0	2	0	0	0
0	51	16	25	0	0	0	0	3	6
0	33	9	4	0	0	0	0	0	0
0	22	4	0	0	0	3	0	1	0
0	13	2	3	0	0	5	0	0	0
0	24	2	5	0	0	0	0	0	0
0	18	4	1	0	0	0	0	0	0
0	19	4	0	4	0	0	0	0	0
0	10	6	5	0	3	0	0	0	3
0	21	6	2	0	2	0	0	0	1
0	7	8	8	0	0	0	0	0	0
0	11	1	7	0	0	0	0	0	1
0	27	4	0	0	0	1	0	0	2
0	19	4	0	0	0	0	0	0	0
0	5	0	1	0	0	1	0	0	0
0	13	5	3	0	0	0	0	0	1
0	42	14	19	0	0	0	0	0	0
0	11	2	7	0	0	7	0	0	0
0	31	0	13	0	0	0	0	0	0
0	16	5	0	0	0	0	0	0	0
0	3	2	2	0	0	0	0	0	2
0	23	0	11	0	0	0	0	0	0
0	8	2	3	0	0	2	0	1	1
0	7	2	6	0	0	0	0	0	0
0	5	4	0	0	0	0	0	0	0
0	14	6	0	0	0	0	0	0	0
0	20	2	9	0	0	0	0	0	0
0	26	9	19	0	0	0	0	0	0
0	11	6	5	0	0	0	0	0	4
0	11	2	3	0	0	4	0	0	0
0	19	7	0	3	0	0	0	0	0
0	7	2	3	0	0	0	0	0	1



0	9	2	6	0	0	0	0	0	0
0	21	1	8	0	0	0	0	0	0
0	11	1	9	0	0	0	0	0	1
0	48	14	29	0	0	0	0	3	6
0	19	9	3	0	1	0	0	0	1
0	5	3	6	0	0	0	0	0	0
0	28	0	15	0	0	0	0	0	0
0	19	0	10	0	0	0	0	0	0
0	19	0	10	0	0	0	0	0	0
0	16	4	0	1	0	0	0	0	0
0	20	4	0	1	0	0	0	0	0
0	2	4	2	0	0	0	0	0	0
0	27	5	0	2	0	0	0	0	2
0	8	3	3	0	0	0	0	0	0
0	25	4	6	0	0	0	0	0	0
0	29	6	11	0	0	0	0	0	0
0	1	1	0	0	3	0	0	0	1
0	9	3	4	0	0	0	0	0	0
0	13	2	1	0	0	0	0	1	0
0	14	5	2	0	0	0	0	0	0
0	34	0	13	0	0	0	0	0	0
0	27	4	10	0	0	0	0	0	0
0	10	2	4	2	0	0	0	1	4
0	12	5	8	0	0	0	0	0	0
0	2	2	2	3	0	0	0	0	0
0	23	2	2	0	0	0	0	0	0
0	29	4	2	0	0	0	0	0	1
0	6	3	11	3	0	0	0	0	1
0	25	4	0	0	0	0	0	0	0
0	13	3	4	0	0	0	0	0	1
0	28	1	10	0	0	0	0	0	1
0	6	2	0	0	0	0	0	2	0
0	19	0	13	0	0	0	0	0	0
0	26	7	10	0	0	0	0	1	3
0	14	9	2	0	0	0	0	1	0
0	17	7	1	0	0	2	0	0	0
0	12	7	4	0	0	0	0	0	0
0	0	2	4	1	0	0	0	0	0
0	42	17	18	0	0	0	3	0	2
0	17	10	5	0	0	0	0	0	0
0	7	1	8	0	0	0	0	0	1
0	20	1	11	0	0	0	0	0	1
0	16	4	4	0	2	0	0	0	0
0	19	4	0	0	0	0	0	0	0
0	37	2	30	0	0	0	0	0	0
0	13	3	3	0	3	0	0	0	1
0	27	4	2	0	0	3	0	1	0
0	7	1	1	0	0	0	0	1	1
0	7	2	2	1	0	0	0	0	1
0	19	9	2	0	1	0	0	0	1

0	8	7	5	0	0	0	0	0	0
0	18	4	0	0	0	0	0	0	0
1	16	4	0	1	0	3	0	0	0
0	25	6	7	0	0	0	0	1	2
0	35	13	29	0	0	0	0	3	6
0	5	0	1	0	0	0	0	0	0
0	38	6	1	0	0	0	0	2	0
0	5	3	6	0	0	0	0	0	0
0	0	0	1	0	0	0	0	0	0
0	27	4	0	0	0	1	0	0	3
0	14	5	0	0	0	1	0	0	0
0	21	6	2	0	2	0	0	0	1
0	78	2	40	0	0	0	0	0	0
0	37	2	28	0	0	0	0	0	0
0	17	4	0	0	0	0	0	0	0
0	21	0	11	0	2	0	0	0	0
0	18	4	0	0	0	0	0	0	0
0	28	40	8	0	0	0	0	0	0
0	16	7	0	0	0	1	0	2	2
0	0	0	0	0	0	0	0	0	0
0	7	3	9	0	4	0	0	0	1
0	11	1	8	0	0	0	0	0	1
0	21	1	11	0	0	0	0	0	0
0	33	19	9	0	0	3	0	0	1
0	26	8	9	0	0	4	0	0	1
0	2	5	0	0	0	1	0	0	0
0	20	5	7	0	0	0	0	4	1
0	11	1	4	0	0	0	0	0	0
0	22	12	8	0	0	0	0	0	4
0	14	1	10	0	0	0	0	0	1
0	26	9	20	0	0	0	0	0	0
0	16	4	20	0	0	0	0	1	4
0	19	7	16	0	0	0	0	0	0
0	17	4	0	0	0	0	0	0	0
0	43	6	22	0	0	0	0	0	3
0	30	7	11	5	1	0	0	0	2
0	13	1	8	0	0	0	0	0	1
0	8	1	0	0	0	0	0	0	0
0	13	2	0	0	0	5	0	0	0
0	19	2	2	0	0	0	0	1	5
0	6	0	0	0	0	0	0	0	0
0	15	0	4	0	0	0	0	0	0
0	11	8	0	0	0	2	0	1	1
0	17	2	3	0	0	0	0	0	0
0	108	18	50	0	0	0	0	0	7
0	106	14	35	0	0	0	0	0	8
0	0	0	0	0	0	0	0	0	0
0	7	2	2	0	0	0	0	0	0
0	27	2	20	0	0	0	0	0	2
0	75	2	37	0	0	0	0	0	0

0	43	0	45	0	0	0	0	0	0
0	13	4	3	0	1	2	0	0	0
0	29	11	0	0	0	0	0	2	2
0	46	13	11	0	0	0	0	1	3
0	0	0	2	0	0	0	0	0	0
0	17	1	11	0	0	0	0	0	1
0	40	10	11	4	0	0	0	0	2
0	96	2	72	0	0	0	0	0	0
0	8	6	4	2	0	0	0	0	0
0	35	6	4	0	0	0	0	0	0
0	22	8	4	0	0	0	0	0	0
0	30	5	14	2	0	0	0	1	6
0	12	9	2	0	0	0	0	0	0
0	15	7	0	0	0	2	0	0	0
0	3	5	0	2	0	0	0	1	0
0	54	0	38	0	0	0	0	0	0
0	32	5	14	0	0	0	0	0	1
0	21	6	4	2	0	0	0	0	0
0	7	4	1	0	0	0	0	0	0
0	38	12	5	0	0	2	0	0	0
0	5	0	1	0	0	0	0	0	0
0	15	11	2	0	0	0	0	0	4
0	8	2	5	0	0	0	0	0	0
0	43	16	20	1	0	0	0	1	1
0	47	18	16	0	0	0	0	1	5
0	108	18	47	0	0	0	0	0	6
0	10	2	6	0	0	0	0	0	0
0	20	4	4	0	0	0	0	1	0
0	18	5	6	0	0	0	0	0	0
0	16	4	0	1	0	0	0	0	0
0	8	9	4	1	9	0	0	0	0
0	12	0	4	0	0	0	0	0	0
0	19	4	0	0	0	0	0	0	0
0	19	0	10	0	0	0	0	0	0
0	24	9	19	0	0	0	0	0	0
0	9	6	6	1	0	0	0	0	1
0	8	9	4	2	0	0	0	0	0
0	38	12	5	0	0	2	0	0	0
0	12	6	7	0	6	0	0	0	1
0	19	0	4	0	0	0	0	0	0
0	13	4	5	0	0	0	0	0	1
0	41	2	2	0	0	0	0	0	0
0	25	6	7	0	0	0	0	1	2
1	16	4	0	1	0	3	0	0	0
0	22	7	0	0	0	2	0	0	0
0	4	2	0	0	0	4	0	0	0
0	38	6	1	0	0	0	0	2	0
0	14	5	0	0	0	1	0	0	0
0	15	0	4	0	0	0	0	0	0
0	32	5	14	0	0	0	0	0	1

0	17	4	0	0	0	0	0	0	0
0	19	0	8	0	0	0	0	0	0
0	108	18	47	0	0	0	0	0	6
0	6	6	6	2	0	0	0	0	1
0	35	6	4	0	0	0	0	0	0
0	7	2	2	1	0	0	0	0	1
0	19	0	10	0	0	0	0	0	0
0	37	2	30	0	0	0	0	0	0
0	10	6	5	0	3	0	0	0	3
0	75	2	37	0	0	0	0	0	0
0	54	0	38	0	0	0	0	0	0
0	5	3	6	0	0	0	0	0	0
0	3	5	0	2	0	0	0	1	0
0	109	22	43	0	0	0	0	11	12
0	44	0	49	0	0	0	0	0	0
0	10	6	7	0	3	0	0	0	1
0	18	5	8	0	4	0	0	0	2
0	96	2	72	0	0	0	0	0	0
0	17	12	7	0	0	0	0	1	1
0	8	5	7	1	0	0	0	0	2
0	26	8	9	0	0	4	0	0	1
0	14	6	11	0	3	0	0	0	2

F06[N-S]	F06[N-F]	F06[N-Cl]	F06[O-O]	F06[O-S]	F06[O-F]	F06[O-Cl]	F07[C-C]	F07[C-N]	F07[C-O]
0	0	0	1	0	0	0	30	3	6
0	0	0	0	0	0	0	12	4	6
0	0	0	0	0	0	0	9	5	0
0	0	0	0	0	0	0	7	3	2
0	0	0	4	0	0	0	13	4	8
0	0	0	0	0	0	0	13	6	0
0	0	0	0	0	0	0	4	0	4
0	1	0	0	0	6	0	26	10	8
0	0	0	0	0	0	0	15	4	0
0	0	0	0	0	0	0	25	2	1
0	0	0	0	0	0	0	5	1	2
0	0	0	0	0	0	0	27	16	11
0	1	0	0	0	0	0	12	2	4
0	0	0	0	0	0	1	23	4	0
0	0	0	0	0	0	0	13	6	0
0	0	1	0	0	0	0	5	3	10
0	0	0	0	0	0	0	2	0	0
0	0	1	0	0	0	0	14	4	0
0	0	0	1	0	0	0	58	19	29
0	0	0	0	0	0	0	27	4	1
0	0	0	0	0	0	0	7	6	0
0	0	0	0	0	0	0	7	1	2
0	0	0	1	0	0	0	19	2	3
0	0	0	0	0	0	0	13	5	0
0	0	0	0	0	0	0	18	3	0
0	1	0	0	0	0	0	10	2	4
0	0	0	0	0	1	0	19	6	0
0	0	0	2	0	0	0	10	4	4
0	0	0	0	0	0	0	4	1	4
0	0	1	0	0	0	0	16	5	3
0	0	0	0	0	0	0	13	6	0
0	0	0	0	0	0	0	1	0	0
0	0	0	2	0	0	0	14	1	1
0	0	0	2	0	0	0	46	12	17
0	0	1	0	0	0	1	5	1	3
0	0	0	2	0	0	0	30	0	11
0	0	0	0	0	0	0	9	5	0
0	0	0	2	0	0	0	0	4	4
0	0	0	1	0	0	0	14	0	10
0	0	0	0	0	0	0	8	3	2
0	0	0	0	0	0	0	8	2	1
0	0	0	0	0	0	0	1	1	0
0	0	0	0	0	0	0	7	1	0
0	0	0	1	0	0	0	13	0	1
0	0	0	4	0	0	0	22	3	19
0	0	0	0	0	0	0	5	3	10
0	0	0	0	0	0	0	5	1	2
0	0	0	0	0	0	0	14	3	0
0	0	0	1	0	0	0	3	0	0

0	0	0	1	0	0	0	9	2	2
0	0	0	0	0	0	0	18	1	3
0	0	0	2	0	0	0	5	0	3
0	0	0	1	0	0	0	52	19	33
0	0	0	0	0	0	0	15	9	4
0	0	0	0	0	0	0	6	3	2
0	0	0	3	0	0	0	26	0	15
0	0	0	1	0	0	0	13	0	9
0	0	0	1	0	0	0	13	0	9
0	0	0	0	0	0	0	12	4	0
1	0	0	0	0	0	0	12	2	0
0	0	0	0	0	0	0	4	0	0
0	0	0	0	0	0	0	17	6	3
0	0	0	0	0	0	0	8	2	3
0	0	0	1	0	0	0	21	3	5
0	0	0	0	0	0	0	16	8	9
0	0	0	0	0	0	0	0	1	0
0	0	0	0	0	0	0	8	1	1
0	0	0	0	0	0	0	14	2	0
0	0	0	0	0	0	0	18	1	0
0	0	0	2	0	0	0	35	0	11
0	0	0	0	0	0	0	27	3	4
0	0	0	4	0	0	0	11	4	6
0	0	0	0	0	0	0	17	3	1
0	0	0	0	0	0	0	1	0	0
2	0	0	0	0	0	0	10	6	2
0	0	0	0	0	0	0	30	3	3
0	0	0	3	1	0	0	4	3	8
0	0	0	0	0	0	0	15	6	0
0	0	0	0	0	0	0	14	4	1
0	0	0	0	0	0	0	30	2	4
0	0	0	0	0	0	0	2	2	0
0	0	0	3	0	0	0	16	0	6
0	0	0	2	0	0	0	23	7	15
0	0	0	0	0	0	0	10	9	1
1	0	0	0	0	0	1	14	6	1
0	0	0	0	0	0	0	9	5	4
0	0	0	0	0	0	0	0	1	2
0	0	0	1	0	0	0	38	11	15
0	0	0	0	0	0	0	17	5	4
0	0	0	1	0	0	0	1	0	1
0	0	0	2	0	0	0	15	0	3
0	0	0	0	0	0	0	15	3	4
0	0	0	0	0	0	0	13	6	0
0	0	0	7	0	0	0	35	3	30
0	0	0	0	0	0	0	10	4	3
0	0	0	0	0	0	0	12	7	4
0	0	0	0	0	0	0	2	5	3
2	0	0	0	0	0	0	4	5	1
0	0	0	0	0	0	0	15	9	3

0	0	0	0	0	0	0	7	5	2
0	0	0	0	0	3	0	15	3	0
0	0	0	0	0	0	0	12	4	0
0	0	0	0	0	0	0	26	6	6
0	0	0	1	0	0	0	37	15	32
0	0	0	0	0	0	0	1	0	0
0	1	0	0	0	0	0	34	8	0
0	0	0	0	0	0	0	7	2	1
0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	16	5	5
0	0	1	0	0	0	0	11	5	0
0	0	0	0	0	1	0	19	6	0
0	0	0	10	0	0	0	74	4	58
0	0	0	6	0	0	0	35	3	27
0	0	0	0	0	0	0	9	6	0
0	0	0	1	0	2	0	16	0	9
0	0	0	0	0	0	0	14	4	0
0	0	0	2	0	0	0	36	28	8
0	0	0	0	0	0	1	15	9	3
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	6	1	4
0	0	0	1	0	0	0	5	0	2
0	0	1	0	0	0	1	17	0	5
0	0	1	0	0	0	2	35	10	8
0	0	0	0	0	0	2	21	6	11
0	0	3	0	0	0	0	1	2	0
0	0	0	4	0	0	0	14	14	8
0	0	0	0	0	0	0	6	0	0
0	0	0	0	0	0	0	21	10	8
0	0	0	2	0	0	0	8	0	2
0	0	0	4	0	0	0	20	6	19
0	0	0	4	0	0	0	8	3	12
0	0	0	4	0	0	0	12	3	16
0	0	0	0	0	0	0	9	6	0
0	0	0	2	0	0	0	41	4	22
0	1	0	2	0	0	0	26	5	19
0	0	0	0	0	0	0	14	2	4
0	0	0	0	0	0	0	6	0	0
0	0	0	0	0	0	0	7	2	0
1	0	0	0	0	0	0	17	2	3
0	0	0	0	0	0	0	2	0	0
0	0	0	0	0	0	0	8	0	5
0	0	0	0	0	0	0	11	7	2
0	0	0	0	0	0	0	10	0	2
0	0	0	6	0	0	0	102	14	48
0	0	0	4	0	0	0	93	15	40
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	3	0	0
0	0	0	0	0	0	0	20	2	16
0	0	0	10	0	0	0	67	4	57

0	0	0	3	0	0	0	40	0	43
0	0	0	0	0	1	1	13	3	3
0	0	0	0	0	0	0	23	13	2
0	0	0	1	0	0	0	48	12	15
0	0	0	2	0	0	0	0	0	0
0	0	0	2	0	0	0	12	0	2
0	0	0	1	0	0	0	38	9	16
0	0	0	12	0	0	0	90	3	64
1	0	0	0	0	0	0	6	4	4
0	0	0	0	0	0	0	27	6	6
0	0	0	0	0	0	0	19	5	4
0	0	0	0	0	0	0	28	9	17
0	0	0	0	0	0	0	12	8	0
0	0	0	0	0	0	0	12	2	0
0	0	0	0	0	0	0	3	5	0
0	0	0	2	0	0	0	44	0	33
1	0	0	0	1	0	0	27	4	10
0	0	0	0	0	0	0	20	2	4
0	0	0	0	0	0	0	12	1	0
0	0	0	0	0	0	1	36	5	3
0	0	0	0	0	0	0	1	0	0
0	0	0	0	0	0	0	10	9	3
0	0	0	0	0	0	0	8	3	3
1	0	0	1	1	0	0	47	15	18
0	0	0	2	0	0	0	50	16	20
0	0	0	2	0	0	0	102	14	41
0	0	0	0	0	0	0	4	0	2
0	0	0	1	0	0	0	18	4	3
0	0	0	1	0	0	0	17	2	4
0	0	0	0	0	0	0	12	4	0
0	0	0	1	0	0	0	11	4	1
0	0	0	0	0	0	0	8	0	4
0	0	0	0	0	0	0	13	6	0
0	0	0	1	0	0	0	13	0	9
0	0	0	4	0	0	0	18	6	19
1	0	0	0	0	0	0	9	4	5
0	0	0	1	1	0	0	12	4	3
0	0	0	0	0	0	1	36	5	3
0	2	0	0	0	0	0	11	3	4
0	0	0	0	0	0	0	13	0	4
0	0	0	0	0	0	0	9	5	4
0	0	0	0	0	0	0	29	1	4
0	0	0	0	0	0	0	26	6	6
0	0	0	0	0	0	0	12	4	0
0	0	1	0	0	0	0	14	4	0
0	0	0	0	0	0	0	2	0	0
0	1	0	0	0	0	0	34	8	0
0	0	1	0	0	0	0	11	5	0
0	0	0	0	0	0	0	8	0	5
1	0	0	0	1	0	0	27	4	10



0	0	0	0	0	0	0	9	6	0
0	0	0	1	0	0	0	13	0	6
0	0	0	2	0	0	0	102	14	41
1	0	0	0	0	0	0	8	2	4
0	0	0	0	0	0	0	27	6	6
2	0	0	0	0	0	0	4	5	1
0	0	0	1	0	0	0	13	0	9
0	0	0	7	0	0	0	35	3	30
0	1	0	0	0	0	0	10	2	4
0	0	0	10	0	0	0	67	4	57
0	0	0	2	0	0	0	44	0	33
0	0	0	0	0	0	0	7	2	1
0	0	0	0	0	0	0	3	5	0
0	0	0	0	0	0	0	99	58	56
0	0	0	5	0	0	0	41	0	42
0	1	0	0	0	0	0	10	2	4
0	1	0	0	0	0	0	12	3	8
0	0	0	12	0	0	0	90	3	64
0	0	0	4	0	0	0	16	8	8
1	0	0	0	0	0	0	7	4	6
0	0	0	0	0	0	2	21	6	11
0	1	0	0	0	0	0	12	3	5



0	0	0	0	0	1	0	0	0	0
0	0	0	0	0	1	0	0	0	0
0	0	0	0	0	1	0	0	0	0
0	0	0	0	0	1	0	0	0	1
0	2	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	2
0	0	0	0	0	0	0	0	0	2
0	0	0	0	0	0	1	0	0	0
2	0	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	0	0	0
0	0	0	0	0	1	0	0	0	0
0	0	0	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0	0	2
0	3	0	0	0	0	0	3	0	0
0	0	0	0	1	1	0	0	0	0
0	0	0	0	0	1	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	1	0	0	0	0
0	0	0	0	0	1	0	0	0	1
1	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	1	0	0	0	2
0	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	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	2	0	0	0	0	0
0	0	0	0	1	1	0	0	0	0
1	0	2	0	1	0	0	0	0	0
0	0	0	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	1	1	2	0	0	0	0
0	0	0	0	0	1	0	0	0	0
0	0	0	0	0	1	0	0	0	0
0	0	0	0	0	1	0	0	0	0
0	0	0	0	0	1	0	0	0	0
0	3	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	7
0	3	0	0	0	0	0	3	0	1
0	0	3	0	0	0	0	0	1	0
0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0
0	2	0	0	0	0	0	0	0	0

0	0	0	0	0	6	0	0	0	0
0	3	0	0	0	0	0	0	0	0
0	0	3	0	0	0	1	0	0	0
0	0	0	0	0	2	0	0	0	0
0	0	0	0	1	3	0	0	0	2
0	0	0	0	0	0	0	0	0	0
0	2	0	0	0	1	0	0	0	0
0	0	0	0	0	1	0	0	0	1
0	0	0	0	0	0	0	0	0	0
0	0	4	0	0	0	0	0	0	0
0	0	1	0	0	0	0	0	0	0
0	4	0	0	0	0	0	0	0	0
0	0	0	0	0	1	0	0	0	6
0	0	0	0	0	0	0	0	0	6
0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0	0	2
0	0	0	0	0	0	0	0	0	0
0	0	0	0	1	4	0	0	0	0
0	0	2	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	1	0	2
0	0	0	0	0	1	0	0	0	0
0	0	2	0	0	0	0	0	0	5
0	0	3	0	2	2	0	0	2	0
0	0	3	0	0	0	0	0	2	0
0	0	1	0	0	0	0	0	1	0
0	0	0	0	0	0	0	0	0	2
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	4	0	0	0	0
0	0	0	0	0	1	0	0	0	0
0	0	0	0	2	4	0	0	0	0
0	0	0	0	0	2	0	0	0	8
0	0	0	0	1	4	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	5	0	0	0	2
3	3	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0
0	0	6	0	0	0	0	0	0	0
1	0	0	0	1	2	0	0	0	0
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	0	0	0	1	0
0	0	0	0	0	1	0	0	0	1
0	0	0	0	1	5	0	0	0	3
0	0	0	0	0	1	0	0	0	1
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	2	0	0	0	3
0	0	0	0	0	1	0	0	0	6



0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	2
0	0	0	0	1	5	0	0	0	3
3	0	0	0	0	2	1	0	0	0
0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	2
0	0	0	0	0	0	0	0	0	7
0	1	0	0	1	0	0	0	0	0
0	0	0	0	0	1	0	0	0	6
0	0	0	0	0	0	0	0	0	8
0	0	0	0	0	1	0	0	0	1
0	0	0	0	1	0	1	0	0	0
0	0	0	0	0	1	0	0	0	1
0	0	0	0	0	0	0	0	0	12
0	1	0	0	1	0	0	0	0	0
0	1	0	0	1	0	0	0	0	2
0	0	0	0	0	0	0	0	0	15
0	0	0	0	3	0	0	0	0	2
1	0	0	0	0	2	0	0	0	1
0	0	3	0	0	0	0	0	2	0
0	2	0	0	1	0	0	0	0	2



0	0	0	8	2	2	0	0	0	0
0	0	0	15	2	2	0	0	0	0
0	0	0	0	1	1	0	0	0	0
0	0	0	59	17	24	0	0	0	0
0	0	0	16	5	2	0	2	0	0
0	0	0	8	2	1	0	0	0	0
0	0	0	22	0	12	0	0	0	0
0	0	0	8	0	9	0	0	0	0
0	0	0	8	0	9	0	0	0	0
0	0	0	8	2	0	2	0	0	0
0	0	0	4	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	10	4	3	1	0	0	0
0	0	0	8	0	4	0	0	0	0
0	0	0	14	2	3	0	0	0	0
0	0	0	6	8	5	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	4	4	2	0	0	0	0
0	0	0	10	2	2	0	0	0	0
0	0	0	13	0	0	0	0	0	0
0	0	0	27	0	10	0	0	0	0
0	0	0	25	4	0	0	0	0	0
0	0	0	10	3	5	1	0	0	0
0	0	0	17	3	2	0	0	0	0
0	0	0	0	0	0	1	0	0	0
0	0	0	20	0	2	4	0	0	0
0	0	0	24	0	4	0	0	0	0
1	0	0	0	1	2	2	0	0	0
0	0	0	12	2	0	0	0	0	0
0	0	0	12	4	0	0	0	0	0
0	0	0	27	4	4	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	11	0	2	0	0	0	0
0	0	0	20	8	13	0	0	0	0
0	0	0	9	7	2	0	0	0	0
0	0	0	13	6	0	1	0	0	0
0	0	0	7	3	4	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	35	9	13	0	0	0	1
0	0	0	13	2	5	0	0	0	0
0	0	0	0	0	1	0	0	0	0
0	0	0	11	0	4	0	0	0	0
0	0	0	15	1	4	0	0	0	0
0	0	0	12	2	0	0	0	0	0
0	0	0	30	4	29	0	0	0	0
0	0	0	7	3	4	0	3	0	0
0	0	0	9	2	6	0	0	4	0
0	0	0	6	0	0	0	0	0	0
2	0	0	6	4	3	0	0	0	0
0	0	0	16	5	2	0	2	0	0



0	0	0	3	8	2	0	0	0	0
0	0	0	10	1	0	0	6	0	0
0	0	0	8	2	0	2	0	1	0
0	0	0	22	4	4	0	0	0	0
0	0	0	41	15	26	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	25	8	2	0	2	0	0
0	0	0	8	2	2	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	10	3	6	0	0	4	0
0	0	0	9	4	0	0	0	2	0
0	0	0	12	5	0	0	3	0	0
0	0	0	70	3	50	0	0	0	0
0	0	0	30	4	26	0	0	0	0
0	0	0	6	2	0	0	0	0	0
0	1	0	10	0	9	0	0	0	0
0	0	0	9	2	0	0	0	0	0
0	0	0	40	10	8	0	0	0	0
0	0	0	16	5	3	0	0	2	0
0	0	0	0	0	0	0	0	0	0
0	0	0	6	0	3	0	1	0	0
0	0	0	0	1	1	0	0	0	0
0	0	0	8	0	9	0	0	4	0
0	0	1	35	10	5	0	0	3	0
0	0	1	21	4	5	0	0	4	0
0	0	0	0	1	0	0	0	0	0
0	0	0	13	11	7	0	0	0	0
0	0	0	1	0	0	0	0	0	0
0	0	0	20	4	10	0	0	0	0
0	0	0	4	0	3	0	0	0	0
0	0	0	18	8	9	0	0	0	0
0	0	0	3	0	4	0	0	0	0
0	0	0	6	2	6	0	0	0	0
0	0	0	6	2	0	0	0	0	0
0	0	0	40	5	26	0	0	0	0
0	0	0	19	3	12	2	2	0	0
0	0	0	12	2	4	0	0	0	0
0	0	0	3	0	0	0	0	0	0
0	0	0	3	1	0	0	0	4	0
0	0	0	10	3	8	2	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	3	0	4	0	0	0	0
0	0	0	11	6	2	0	0	1	0
0	0	0	3	1	5	0	0	0	0
0	0	0	91	17	37	0	0	0	0
0	0	0	86	14	22	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	11	2	13	0	0	0	0
0	0	0	66	2	46	0	0	0	0

0	0	0	31	0	40	0	0	0	0
0	0	0	15	1	2	0	1	0	0
0	0	0	19	14	2	0	0	0	0
0	0	0	45	14	17	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	7	0	4	0	0	0	0
0	0	0	42	9	13	3	0	0	0
0	0	0	87	3	51	0	0	0	0
0	0	0	6	2	2	0	0	0	0
0	0	0	25	3	2	0	0	0	0
0	0	0	15	1	1	0	0	0	0
2	0	0	28	7	14	3	0	0	0
0	0	0	16	3	4	0	0	0	0
0	0	0	5	0	0	0	0	2	0
0	0	0	4	4	0	0	0	0	0
0	0	0	37	0	24	0	0	0	0
0	0	0	18	3	7	0	0	0	0
0	0	0	19	2	4	1	0	0	0
0	0	0	10	0	0	0	0	0	0
0	0	0	29	1	4	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	10	6	6	0	0	0	0
0	0	0	8	3	1	0	0	0	0
0	0	0	49	18	19	4	0	0	0
0	0	0	53	20	19	0	0	0	0
0	0	0	91	17	31	0	0	0	0
0	0	0	1	0	0	0	0	0	0
0	0	0	13	3	3	0	0	0	0
0	0	0	12	2	4	0	0	0	0
0	0	0	8	2	0	2	0	0	0
0	0	0	11	4	3	0	0	0	0
0	0	0	3	0	4	0	0	0	0
0	0	0	12	2	0	0	0	0	0
0	0	0	8	0	9	0	0	0	0
0	0	0	15	7	9	0	0	0	0
0	0	0	9	2	5	1	0	0	0
0	0	0	11	6	4	0	0	0	0
0	0	0	29	1	4	0	0	0	0
0	4	0	9	3	2	0	0	0	0
0	0	0	8	0	5	0	0	0	0
0	0	0	6	5	3	0	0	0	0
0	0	0	17	1	5	0	0	0	0
0	0	0	22	4	4	0	0	0	0
0	0	0	8	2	0	2	0	1	0
0	0	0	6	4	0	0	0	4	0
0	0	0	0	0	0	0	0	0	0
0	0	0	25	8	2	0	2	0	0
0	0	0	9	4	0	0	0	2	0
0	0	0	3	0	4	0	0	0	0
0	0	0	18	3	7	0	0	0	0

0	0	0	6	2	0	0	0	0	0
0	0	0	8	0	7	0	0	0	0
0	0	0	91	17	31	0	0	0	0
0	0	0	6	2	5	3	0	0	0
0	0	0	25	3	2	0	0	0	0
2	0	0	6	4	3	0	0	0	0
0	0	0	8	0	9	0	0	0	0
0	0	0	30	4	29	0	0	0	0
0	2	0	6	3	2	0	0	0	0
0	0	0	66	2	46	0	0	0	0
0	0	0	37	0	24	0	0	0	0
0	0	0	8	2	2	0	0	0	0
0	0	0	4	4	0	0	0	0	0
0	0	0	118	44	36	0	0	0	0
0	0	0	28	0	38	0	0	0	0
0	2	0	6	3	2	0	0	0	0
0	2	0	6	5	2	0	0	0	0
0	0	0	87	3	51	0	0	0	0
0	0	0	13	13	7	0	0	0	0
1	0	0	7	2	5	1	0	0	0
0	0	1	21	4	5	0	0	4	0
0	2	0	8	4	2	0	0	0	0





0	3	0	0	0	0	0	0	2	4
0	0	0	0	0	0	0	0	4	1
0	0	0	0	1	0	0	0	4	0
0	1	0	0	0	0	0	0	21	2
0	6	0	0	0	7	0	0	40	15
0	0	0	0	0	0	0	0	0	0
0	0	0	2	0	0	0	0	18	8
0	0	0	0	0	0	0	0	6	2
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	9	0
0	0	0	0	0	0	0	0	11	2
0	0	0	0	0	0	0	0	5	4
0	1	0	0	0	12	0	0	58	5
0	2	0	0	0	4	0	0	22	3
0	0	0	0	0	0	0	0	2	0
0	0	0	0	0	0	0	1	4	0
0	0	0	0	0	0	0	0	4	0
0	12	0	0	0	0	0	0	28	4
1	0	0	0	0	0	0	0	13	6
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	3	0
0	0	0	0	0	0	0	0	1	0
0	0	0	0	0	0	0	0	4	0
1	3	0	0	1	0	0	0	29	16
0	3	0	0	0	0	0	0	21	5
0	0	0	0	1	0	0	0	0	0
1	0	0	0	0	0	0	0	11	11
0	0	0	0	0	0	0	0	0	0
2	2	0	0	0	0	0	0	13	8
0	0	0	0	0	0	0	0	1	0
0	2	0	0	0	8	0	0	20	5
0	0	0	0	0	0	0	0	0	0
0	2	0	0	0	8	0	0	2	1
0	0	0	0	0	0	0	0	2	0
0	1	0	0	0	2	0	0	37	3
0	3	0	2	0	0	0	0	13	3
0	1	0	0	0	0	0	0	8	2
0	0	0	0	0	0	0	0	1	0
0	0	0	0	1	0	0	0	1	0
1	0	0	0	0	0	0	0	4	5
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	12	4
0	0	0	0	0	0	0	0	4	0
1	2	0	0	0	5	0	0	79	18
2	2	0	0	0	3	0	0	74	16
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	4	0	0	8	0
0	1	0	0	0	12	0	0	52	5

0	0	0	0	0	11	0	0	22	0
0	0	0	0	1	0	0	0	14	0
1	0	0	0	0	0	0	0	22	9
1	1	0	0	0	1	0	0	52	9
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	2	0
0	0	1	0	0	1	2	0	48	8
0	1	0	0	0	10	0	0	75	4
0	0	1	0	0	0	0	0	1	0
0	0	0	0	0	0	0	0	24	1
0	0	0	0	0	0	0	0	5	1
0	0	0	0	0	5	0	0	29	5
1	0	0	0	0	0	0	0	11	7
0	0	0	0	1	0	0	0	0	0
2	0	0	0	0	0	0	0	2	7
0	0	0	0	0	6	0	0	34	0
0	2	0	0	0	1	0	0	11	3
0	2	0	0	0	0	0	0	14	2
0	0	0	0	0	0	0	0	2	0
0	0	0	0	1	0	0	0	23	1
0	0	0	0	0	0	0	0	0	0
0	2	0	0	0	0	0	0	10	6
0	0	0	0	0	0	0	0	9	1
2	1	0	0	0	0	1	0	52	16
0	1	0	0	0	2	0	0	53	20
1	2	0	0	0	4	0	0	79	18
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	10	1
0	0	0	0	0	0	0	0	9	0
0	0	0	0	0	0	0	0	4	0
0	0	0	0	0	0	0	0	10	2
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	4	0
0	0	0	0	0	0	0	0	3	0
0	2	0	0	0	8	0	0	16	5
0	0	0	0	0	0	0	0	7	1
0	0	0	0	0	0	0	0	13	0
0	0	0	0	1	0	0	0	23	1
0	2	0	0	0	0	0	0	4	2
0	0	0	0	0	0	0	0	3	0
0	0	0	0	0	0	0	0	4	3
0	0	0	0	0	0	0	0	13	2
0	1	0	0	0	0	0	0	21	2
0	0	0	0	1	0	0	0	4	0
0	0	0	0	0	0	0	0	3	1
0	0	0	0	0	0	0	0	0	0
0	0	0	2	0	0	0	0	18	8
0	0	0	0	0	0	0	0	11	2
0	0	0	0	0	0	0	0	0	0
0	2	0	0	0	1	0	0	11	3













0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0
36	0	0	0	1	1	0	0	0	2
2	1	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0
3	0	0	0	1	1	0	0	0	0
9	0	0	0	0	0	0	0	0	0
26	0	0	0	0	2	0	0	0	5
4	0	0	0	0	1	0	0	0	0
44	0	0	0	0	0	0	0	0	10
29	0	0	0	0	0	0	0	0	2
2	0	0	0	0	0	0	0	0	0
0	0	0	0	2	0	0	0	0	0
42	0	0	0	11	12	0	0	0	0
30	0	0	0	0	0	0	0	0	8
4	0	0	0	0	1	0	0	0	0
4	0	0	0	0	1	0	0	0	0
47	0	0	0	0	2	0	0	0	6
5	0	0	0	1	3	0	0	0	0
4	0	0	0	0	0	0	0	0	0
4	0	0	3	0	1	0	0	1	0
4	0	0	0	0	1	0	0	0	0



0	0	0	5	1	0	0	0	0	0
0	0	0	14	4	2	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	62	18	33	0	0	0	0
0	0	0	14	3	5	0	1	0	2
0	0	0	3	2	2	0	0	0	0
0	0	0	9	0	15	0	0	0	0
0	0	0	1	0	4	0	0	0	0
0	0	0	1	0	4	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	8	1	5	0	0	0	0
0	0	0	2	0	1	0	0	0	0
0	0	0	2	0	0	0	0	0	0
0	0	0	0	2	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	2	0	0	0	0	0	0
0	0	0	0	0	2	0	0	0	0
0	0	0	1	0	0	0	0	0	0
0	0	0	11	0	15	0	0	0	0
0	0	0	12	2	0	0	0	0	0
0	0	0	2	3	6	1	0	0	0
0	0	0	7	3	3	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	12	0	4	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	4	1	0	0	0	0	0
0	0	0	20	2	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	0	0
0	0	0	18	5	5	0	0	0	2
0	0	0	2	2	1	0	0	0	0
0	0	0	11	3	2	2	0	1	1
0	0	0	2	3	1	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	35	11	9	0	0	0	0
0	0	0	8	2	3	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	1	0	3	0	0	0	0
0	0	0	7	0	5	0	2	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	16	2	18	0	0	0	0
0	0	0	2	1	1	0	6	0	0
0	0	0	9	1	4	0	0	1	0
0	0	0	0	0	0	0	0	0	0
0	0	0	3	6	2	0	0	0	0
0	0	0	14	3	3	0	1	0	2

0	0	0	1	2	0	0	0	0	0
0	0	0	2	0	0	0	6	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	22	3	5	0	0	0	0
0	0	0	34	9	26	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	16	7	1	0	3	0	0
0	0	0	3	2	1	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	8	0	6	0	0	1	0
0	0	0	10	3	0	0	0	1	0
0	0	0	2	1	0	0	3	0	1
0	0	0	61	2	36	0	0	0	0
0	0	0	16	2	14	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	1	0	5	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	16	0	12	0	0	0	0
0	0	0	11	4	0	0	0	1	2
0	0	0	0	0	0	0	0	0	0
0	2	0	1	0	0	0	1	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	2	0	3	0	0	2	0
0	0	1	29	11	6	0	0	3	2
0	0	1	19	6	5	0	0	3	0
0	0	0	0	0	0	0	0	0	0
0	0	0	9	8	7	0	0	0	1
0	0	0	0	0	0	0	0	0	0
0	0	0	10	6	10	0	0	0	0
0	0	0	0	0	1	0	0	0	0
0	0	0	21	4	7	0	0	0	1
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	2	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	32	2	21	0	0	0	0
1	0	0	10	1	9	1	2	0	0
0	0	0	4	1	2	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	1	0
0	0	0	3	6	7	2	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	8	7	1	0	0	1	0
0	0	0	1	0	0	0	0	0	0
0	0	0	79	14	28	0	0	0	1
0	0	0	67	19	26	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	3	0	5	0	0	0	0
0	0	0	57	2	35	0	0	0	0



0	0	0	23	0	19	0	0	0	0
0	0	0	11	0	4	0	2	1	0
0	0	0	21	7	1	0	0	0	1
0	0	0	48	14	10	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	2	0	0	0	0
0	0	0	47	4	11	4	0	0	0
0	0	0	66	4	42	0	0	0	0
0	0	0	0	3	4	0	0	0	0
0	0	0	20	3	3	0	0	0	0
0	0	0	3	0	0	0	0	0	0
0	0	0	29	1	13	1	0	0	1
0	0	0	11	4	0	0	0	0	2
0	0	0	0	0	0	0	0	0	0
0	0	0	4	3	0	0	0	0	1
0	0	0	36	0	23	0	0	0	0
0	0	0	8	1	3	0	0	0	0
0	0	0	9	3	2	3	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	23	2	8	0	0	1	0
0	0	0	0	0	0	0	0	0	0
0	0	0	11	2	5	0	0	0	0
0	0	0	7	0	0	0	0	0	0
1	0	0	54	12	15	4	0	0	1
0	0	0	51	15	19	0	0	0	2
0	0	0	79	14	22	0	0	0	1
0	0	0	0	0	0	0	0	0	0
0	0	0	5	1	1	0	0	0	0
0	0	0	5	0	1	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	3	0	6	0	2	0	0	0	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	0	4	0	0	0	0
0	0	0	18	4	5	0	0	0	1
0	0	0	4	0	0	0	0	0	0
0	0	0	7	1	5	0	0	0	0
0	0	0	23	2	8	0	0	1	0
0	0	0	1	1	4	0	0	0	0
0	0	0	1	0	2	0	0	0	0
0	0	0	3	1	5	0	0	0	0
0	0	0	12	4	1	0	0	0	0
0	0	0	22	3	5	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	1	0
0	0	0	0	0	0	0	0	0	0
0	0	0	16	7	1	0	3	0	0
0	0	0	10	3	0	0	0	1	0
0	0	0	0	0	0	0	0	0	0
0	0	0	8	1	3	0	0	0	0

0	0	0	0	0	0	0	0	0	0
0	0	0	1	0	4	0	0	0	0
0	0	0	79	14	22	0	0	0	1
0	0	0	2	0	0	0	0	0	0
0	0	0	20	3	3	0	0	0	0
0	0	0	3	6	2	0	0	0	0
0	0	0	1	0	4	0	0	0	0
0	0	0	16	2	18	0	0	0	0
0	0	0	0	1	4	0	0	0	0
0	0	0	57	2	35	0	0	0	0
0	0	0	36	0	23	0	0	0	0
0	0	0	3	2	1	0	0	0	0
0	0	0	4	3	0	0	0	0	1
0	0	0	100	58	54	0	0	0	0
0	0	0	22	0	19	0	0	0	0
0	0	0	0	1	4	0	0	0	0
0	0	0	1	1	5	0	0	0	0
0	0	0	66	4	42	0	0	0	0
0	0	0	8	10	7	0	0	0	1
0	0	0	3	0	1	0	0	0	0
0	0	1	19	6	5	0	0	3	0
0	0	0	2	1	5	0	0	0	0





1	0	0	0	0
0	3	0	0	0
0	0	0	0	0
0	0	0	0	0
2	0	0	2	0
0	0	0	0	0
0	0	0	0	0
1	0	0	1	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
4	0	0	5	0
1	0	0	4	0
0	0	0	0	0
0	0	0	1	0
0	0	0	0	0
4	0	0	0	0
2	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	0	0	0	0
0	0	0	1	0
0	0	0	0	0
1	0	0	0	0
0	0	0	0	0
2	0	0	2	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
3	0	0	4	0
5	0	0	2	0
0	0	0	0	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	0
0	0	0	0	0
0	0	0	0	0
4	0	0	7	0
2	0	0	3	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
4	0	0	5	0

0	0	0	8	0
0	0	0	0	0
0	0	0	0	0
1	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
1	0	0	8	0
0	0	0	0	0
0	0	0	1	0
0	0	0	0	0
0	0	0	0	1
2	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	6	0
0	0	0	0	0
2	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
2	0	0	0	0
0	0	0	0	0
3	0	0	0	0
1	0	0	0	0
4	0	0	7	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	6	0	0	0
0	0	0	1	0
0	0	0	0	0
0	0	0	1	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	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	0
0	0	0	0	0

0	0	0	0	0
0	0	0	0	0
4	0	0	7	0
0	0	0	0	0
0	0	0	1	0
0	0	0	2	0
0	0	0	1	0
2	0	0	5	0
0	0	0	0	0
4	0	0	5	0
0	0	0	6	0
1	0	0	1	0
0	0	0	0	0
1	0	0	1	0
0	0	0	8	0
0	0	0	0	0
0	0	0	0	0
1	0	0	8	0
1	0	0	0	0
0	0	0	0	0
0	0	0	1	0
0	0	0	0	0