

BlueDriver Data Log																			
Jul 13 2020 1:17:26 PM																			
Time (s)	Engine Coolant T	O2 Bank 2 Sens	O2 Bank 2 Sens	Calculated Engin	O2 Bank 2 Sens	Mass Air Flow R	Absolute Throttle	O2 Bank 1 - Sen	Intake Air Tempe	O2 Bank 1 - Sen	O2 Bank 1 - Sen	Timing Advance	O2 Bank 1 - Sen	O2 Bank 2 Sens	Short Term Fuel	Long Term Fuel	Short Term Fuel	Long Term Fuel	
0																			
2.3					0.102	1.4	18.8	99.2	153	0.412	0.146			0.9					
4.6	192		99.2	41.2	0.156	1.8	20.1	99.2	153	0.606	0.404			1.8	1.2	-1.1	3.4		
6.9	192	0.829	99.2	37.7	0.181	2.1	21.1	99.2	153	0.801	0.661	17.4	0.4	2.9	2.6	0	-1.4	2.8	
9.2	192	0.851	99.2	34.2	0.07	1.1	18	99.2	153	0.644	0.765	17.8	1.1	-0.1	1.2	-0.4	-1.8	2.4	
11.5	192	0.872	99.2	29.5	0.074	1.1	18	99.2	153	0.138	0.646	17.8	1.2	-3.1	-5.3	2.3	-3.1	3.9	
13.8	192	0.596	99.2	23.6	0.069	1.1	18	99.2	153	0.095	0.778	17	-2.8	-0.2	-6.8	2.3	-3.7	3.9	
16.1	192	0.16	99.2	20.4	0.055	1.1	18	99.2	153	0.143	0.508	17	-3.6	-1.6	-3.8	1.1	-1.9	3.1	
18.4	194	0.121	99.2	42.6	0.088	1.1	18	99.2	153	0.11	0.076	17.3	-2.5	-1.6	2.2	-1.2	3.3	0.5	
20.7	194	0.671	99.2	42.6	0.527	1.9	18.3	99.2	152	0.261	0.211	17.9	2	2.1	1.7	-1.3	3.7	0	
23	194	0.648	99.2	38.6	0.58	2	18.7	99.2	151	0.824	0.79	18	2.3	1.7	-1.9	2.3	-2.8	1.5	
25.3	194	0.517	99.2	20.9	0.635	1.9	18.7	99.2	151	0.875	0.865	17.4	1.4	0.1	-2.2	2.3	-3	3.9	
27.6	194	0.226	99.2	18.6	0.691	1.1	18	99.2	151	0.555	0.632	17.5	0	-2.6	-3.9	1.1	-2.5	3.2	
29.9	194	0.202	99.2	29.1	0.728	1.1	18	99.2	151	0.068	0.152	18.3	0.3	-2.8	-7.3	-2	-0.1	-0.4	
32.2	194	0.556	99.2	47.2	0.376	1.1	23.7	99.2	151	0.069	0.174	20.3	1.5	-0.3	-7	-2.3	0	-0.8	
34.5	194	0.533	99.2	47.7	0.399	1.1	34.5	99.2	151	0.149	0.294	20.6	1.6	-0.7	2.2	-2.6	-0.9	-1.1	
36.8	194	0.587	99.2	48.5	0.475	5.7	34.2	99.2	151	0.135	0.308	21.6	1.9	0.2	2.3	-3	-2.2	-1.4	
39.1	194	0.763	99.2	49	0.685	4.7	26.1	99.2	149	0.371	0.472	21.9	2.2	2.4	0.3	-3.1	-3	-1	
41.4	194	0.764	99.2	37.9	0.72	5	26.6	99.2	149	0.746	0.771	21.6	1.2	1.6	-4.4	-2.8	-6	2.4	
43.7	194	0.834	99.2	18.5	0.669	4.1	25.4	99.2	149	0.654	0.737	20.3	-3.6	-2.5	-4.8	-3.1	-6.3	2.3	
46	194	0.835	99.2	19.8	0.701	2.3	22.2	99.2	147	0.071	0.203	20.4	-3.9	-3	-5.8	-2.5	-4.1	2.3	
48.3	194	0.778	99.2	35.3	0.69	2.5	22.8	99.2	147	0.057	0.209	17.9	-2.3	-3.6	-6.2	-1.5	0	2.4	
50.6	194	0.596	99.2	35	0.522	3.4	25.8	99.2	146	0.26	0.339	18	0.8	-4.3	-5.1	-2.1	-0.2	1.8	
52.9	194	0.588	99.2	39.1	0.543	3.5	26.2	99.2	146	0.632	0.608	18	0.3	-4.1	-1.5	-3.6	-1.6	-2	
55.2	194	0.745	99.2	47.6	0.404	2.8	24	99.2	145	0.671	0.649	18	-2.9	3.2	-1.7	-3.8	-1.6	-2.2	
57.5	194	0.742	99.2	43.9	0.153	1.3	18	99.2	144	0.833	0.836	18.1	-3.1	3.1	-2.9	2.3	-1.9	-0.4	
59.8	194	0.601	99.2	17.7	0.158	1.3	18	99.2	144	0.852	0.866	21.7	-4.4	1.3	-3	2.3	-2.3	3.9	
62.1	194	0.084	99.2	16.7	0.17	1.1	18	99.2	144	0.586	0.657	21.9	-6.8	-2.9	-3.5	1	-1.4	3.2	
64.4	194	0.063	99.2	26.9	0.175	1.1	18	99.2	146	0.063	0.095	21.6	-6.8	-2.9	-4.5	-3.7	2.9	-2	
66.7	194	0.82	99.2	50.8	0.256	1.2	18.9	99.2	145	0.097	0.115	19.9	-5.3	-0.5	-4.6	-3.9	3.1	-2.2	
69	194	0.82	99.2	50.6	0.624	1.6	22.4	99.2	146	0.533	0.458	20	-5.5	-0.7	0.8	-3.9	1.1	-2.3	
71.3	194	0.808	99.2	45.6	0.643	1.7	22.6	99.2	146	0.539	0.471	20	-5.3	-0.6	0.8	-3.6	-4.5	-2	
73.6	194	0.745	99.2	45.8	0.662	1.7	22.2	99.2	145	0.546	0.483	19.9	-4.5	0.2	0.8	-3.8	-4.6	-2.2	
75.9	194	0.742	99.2	45.9	0.681	2	18.8	99.2	144	0.832	0.564	20	-4.6	0.1	-0.1	-2.3	-4.4	-1.3	
78.2	194	0.705	99.2	34.9	0.7	2	18.8	99.2	144	0.846	0.707	22	-5	-0.7	-2.2	2.3	-3	3.9	
80.5	194	0.102	99.2	17.3	0.637	1.7	18.5	99.2	144	0.821	0.7	21.9	-6.1	-4.4	-2.8	2.3	-3.1	3.9	
82.8	194	0.08	99.2	19.2	0.654	1.1	18	99.2	146	0.651	0.55	21.2	-6.3	-4.7	-7.5	2.3	-4.5	3.9	
85.1	194	0.265	99.2	29.4	0.67	1.8	19.7	99.2	145	0.66	0.563	14.1	-6	-3	-7.7	2.3	-4.6	3.9	
87.4	194	0.703	99.2	29.1	0.685	4.5	28.3	99.2	146	0.437	0.422	14	-6.2	0.1	-4.5	0.8	-3.3	3	
89.7	194	0.659	99.2	36	0.699	4.6	28.6	99.2	145	0.098	0.154	15.7	-6.2	-0.9	3.1	-3.8	2.2	-2.1	
92	194	0.198	99.2	49.3	0.657	3.8	25.8	99.2	145	0.233	0.168	20.4	-5.3	-5.9	2.5	-3.5	2.2	-2.3	
94.3	194	0.181	99.2	44.5	0.672	2.2	20	99.2	144	0.841	0.245	20.6	-5.5	-6.2	-2.2	2.3	-3	-0.2	
96.6	194	0.326	99.2	18	0.676	2.1	19.8	99.2	144	0.854	0.249	21.8	-5.8	-4.7	-2.3	2.3	-3.1	3.9	
98.9	194	0.82	99.2	17.4	0.644	1.1	18	99.2	144	0.613	0.336	21.9	-6.2	-0.7	-3.5	2.3	-3.5	3.7	
101.2	194	0.82	99.2	25.8	0.658	1.1	18	99.2	146	0.119	0.536	21.5	-5.2	-0.6	-6.8	2.3	-5.4	2.3	
103.5	194	0.753	99.2	44.6	0.484	2.4	21.8	99.2	145	0.114	0.542	19.4	3	3.2	-7	2.3	-5.5	2.3	
105.8	194	0.643	99.2	44.9	0.114	5.7	34.5	99.2	144	0.102	0.453	19.5	3.1	3.1	-3.1	0.5	-2.9	1.3	
108.1	194	0.569	99.2	48.8	0.123	5.7	34.8	99.2	144	0.097	0.461	21.3	1.5	1.8	3.1	-3	3	-1.5	
110.4	194	0.134	99.2	48.9	0.225	1.7	19.5	99.2	143	0.275	0.443	24.4	-3	-2.9	2.3	-2.5	2.7	-1.5	
112.7	194	0.119	99.2	42.6	0.229	1.7	19.6	99.2	142	0.825	0.344	23.6	-3.2	-3.1	-2.2	2.3	-3	3.9	
115	194	0.321	99.2	22	0.23	1.6	19.3	99.2	142	0.835	0.349	18	-6.1	-4	-2.3	2.3	-3.1	3.9	
117.3	194	0.8	99.2	21.6	0.227	1.1	18	99.2	144	0.526	0.322	18	-6.2	-5.4	-3.3	2.3	-3.5	3.9	
119.6	194	0.741	99.2	25.2	0.231	1.1	18	99.2	144	0.058	0.268	16.4	-5.8	-5.2	-5.4	2.3	-4.6	3.9	
121.9	194	0.171	99.2	24.9	0.245	1.1	18	99.2	144	0.139	0.267	13.1	-3.8	-3.7	-5.4	2.3	-4.7	3.9	
124.2	194	0.158	99.2	24.8	0.249	1.1	18	99.2	144	0.483	0.247	13.1	-3.9	-3.9	-3.8	1.6	-3	3.6	
126.5	196	0.291	99.2	25.4	0.26	1.1	18	99.2	144	0.486	0.25	14.6	-2.7	-3.1	-3.9	1.6	-3.1	3.1	
128.8	196	0.628	99.2	25.1	0.286	1.1	18	99.2	144	0.617	0.243	14.5	-0.8	-1.5	-3	1.4	-3.1	3	

131.1	196	0.59	99.2	25.1	0.294	1.1	18	99.2	144	0.622	0.228	14.6	-1.3	-2	-0.8	0.8	-3.1	2.3
133.4	196	0.094	99.2	25.3	0.493	1.8	20.5	99.2	144	0.548	0.265	15	-3.8	-4.5	-0.9	0.8	-3.1	2.3
135.7	196	0.081	99.2	29.4	0.5	3.1	26.2	99.2	144	0.12	0.574	15	-3.9	-4.6	-3	-3.7	-1.4	0.9
138	196	0.127	99.2	60.4	0.451	3.6	28.5	99.2	144	0.116	0.582	15.1	-1.9	-2.2	-3.1	-3.8	1.6	-2.2
140.3	196	0.338	99.2	60.7	0.153	7.8	66.4	99.2	143	0.297	0.531	15	2.3	4.7	-3.3	-3.5	1	-2.2
142.6	196	0.33	99.2	61.3	0.155	7.9	67.2	99.2	142	0.696	0.366	15.7	1.7	4	-3.8	-1.5	-3.1	-0.7
144.9	196	0.528	99.2	62.4	0.331	7.9	55.7	99.2	142	0.71	0.356	18.5	-3	-6	-3.9	-1.6	-3.1	-0.8
147.2	196	0.855	99.2	60	0.673	7.8	18	99.2	140	0.791	0.095	18.5	-3.1	-6.2	-1.5	-0.7	-3.1	0
149.5	196	0.756	99.2	21.6	0.674	1.2	18	99.2	140	0.798	0.095	17.8	-2.7	-5.3	-1.6	0.8	-3.1	2.3
151.8	196	0.187	99.2	21.3	0.614	1.1	18	99.2	141	0.607	0.109	16.5	-1.6	-1.5	-1.3	0.8	-3.4	2.3
154.1	196	0.177	99.2	22	0.622	1.1	18	99.2	142	0.079	0.154	16.3	-1.7	-1.6	0	0.8	-6.9	2.3
156.4	196	0.169	99.2	25	0.625	1.1	18	99.2	142	0.084	0.155	15	-4.6	-2.7	0	0.8	-7	2.3
158.7	196	0.164	99.2	24.7	0.616	1.1	18	99.2	142	0.619	0.155	15	-4.7	-4.6	-0.5	0.8	-5.9	2.3
161	196	0.162	99.2	24.7	0.625	1.1	18	99.2	142	0.623	0.154	14.7	-3.7	-4.2	-1.6	0.8	-1.6	2.3
163.3	196	0.301	99.2	24.9	0.427	1.1	18	99.2	142	0.567	0.157	14	0.8	0.1	-1.5	0.8	-1.6	2.3
165.6	196	0.294	99.2	24.8	0.095	1.1	18	99.2	142	0.252	0.174	14	0.8	0	0.8	0.8	-0.7	2.3
167.9	198	0.374	99.2	25.4	0.095	1.1	18	99.2	142	0.25	0.175	14.5	1.3	0.5	0.8	0.8	0.8	2.3
170.2	198	0.682	99.2	25.1	0.094	1.1	18	99.2	142	0.204	0.175	14.5	2.3	1.6	1.4	0.8	1	2.3
172.5	197	0.68	99.2	25	0.095	1.1	18	99.2	142	0.117	0.174	14.3	2.1	1.7	3.1	0.8	2.3	2.3
174.8	198	0.683	99.2	24.9	0.087	1.1	18	99.2	142	0.115	0.173	13.5	0.8	2.3	3	0.8	2.3	2.3
177.1	198	0.681	99.2	24.7	0.075	1.1	18	99.2	144	0.119	0.154	13.5	0.8	2.3	1.6	0.8	2	2.3
179.4	198	0.676	99.2	25	0.075	1.1	18	99.2	144	0.116	0.155	14.1	0.5	2.1	1.6	0.8	1.6	2.3
181.7	198	0.662	99.2	24.7	0.075	1.1	18	99.2	144	0.115	0.15	14	0	1.6	1.4	0.8	1.6	2.3
184	197	0.66	99.2	24.8	0.075	1.1	18	99.2	144	0.117	0.135	14.1	0.1	1.6	0.8	0.8	1.6	2.3
186.3	198	0.667	99.2	25.3	0.075	1.1	18	99.2	144	0.119	0.134	14.5	0.8	2.3	0.8	0.8	1.6	2.3
188.6	198	0.681	99.2	25.1	0.075	1.1	18	99.2	146	0.178	0.115	14.5	0.8	2.3	1.1	0.8	1.4	2.3
190.9	198	0.669	99.2	25	0.075	1.1	18	99.2	145	0.176	0.115	14.3	1.2	2.1	1.6	0.8	0.8	2.3
193.2	198	0.608	99.2	24.8	0.075	1.1	18	99.2	145	0.301	0.115	14	2.3	1.6	1.6	0.8	0.9	2.3
195.5	198	0.605	99.2	24.8	0.075	1.1	18	99.2	145	0.657	0.115	13.9	2.2	1.6	1.6	0.8	1.6	2.3
197.8	199	0.617	99.2	25.3	0.075	1.1	18	99.2	146	0.668	0.115	13.1	0	1.7	1.6	0.8	1.6	2.3
200.1	199	0.641	99.2	26.2	0.075	1.1	18	99.2	147	0.867	0.115	13	0	1.6	1.6	-0.6	0.6	1.1
202.4	199	0.64	99.2	50.9	0.09	1.3	18	99.2	147	0.873	0.115	16.1	0.6	1.1	1.6	-3.8	-2.3	-3
204.7	199	0.642	99.2	51	0.247	6.1	32.3	99.2	147	0.861	0.229	22	2.3	-0.7	0.5	-3.9	-2.2	-3.1
207	199	0.64	99.2	41.4	0.249	6.2	32.4	99.2	147	0.816	0.654	22.1	2.1	-0.8	-5.4	-3.8	-0.8	-2.2
209.3	198	0.629	99.2	12.8	0.338	5	29.6	99.2	147	0.774	0.659	22.4	-1.6	-6.1	-5.5	-3.9	-0.8	-2.3
211.6	198	0.607	99.2	12.6	0.56	1.1	18	99.2	147	0.079	0.557	22.5	-1.6	-6.2	-5.8	-2.5	-2	-1.4
213.9	198	0.593	99.2	19.6	0.563	1.1	18	99.2	147	0.077	0.562	20.7	-1.4	-6.1	-6.2	0.8	-5.4	2.3
216.2	198	0.47	99.2	19.3	0.518	1.1	18	99.2	147	0.097	0.55	16.5	-0.8	-4.6	-6	0.8	-5.5	2.3
218.5	198	0.466	99.2	19.9	0.523	1.1	18	99.2	145	0.197	0.46	16.4	-0.8	-4.7	0	0.8	-0.8	2.3
220.8	199	0.517	99.2	25.4	0.535	1.1	18	99.2	145	0.195	0.464	14.1	-0.6	-3.1	0	0.8	-0.8	2.3
223.1	199	0.722	99.2	25.3	0.576	1.1	18	99.2	147	0.325	0.442	14	0	1.6	0	0.8	-0.8	2.3
225.4	199	0.721	99.2	25.1	0.581	1.1	18	99.2	147	0.656	0.366	14	0	1.6	0	0.8	-0.2	2.3
227.7	199	0.606	99.2	25.3	0.516	1.1	18	99.2	147	0.659	0.369	14	0.3	1.6	0	0.8	1.6	2.3
230	199	0.161	99.2	25.2	0.114	1.1	18	99.2	147	0.505	0.354	14	0.8	1.6	0	0.8	1.5	2.3
232.3	199	0.196	99.2	25.1	0.115	1.1	18	99.2	147	0.176	0.309	13.8	1	1.8	0	0.8	0.8	2.3
234.6	199	0.682	99.2	25.2	0.097	1.1	18	99.2	147	0.264	0.305	13	1.6	3.1	0.1	0.8	0.8	2.3
236.9	199	0.68	99.2	25	0.075	1.1	18	99.2	147	0.657	0.268	13.1	1.6	3.1	0.8	0.8	0.8	2.3
239.2	199	0.571	99.2	24.9	0.075	1.1	18	99.2	147	0.661	0.27	14	1.6	1.6	0.8	0.8	0.8	2.3
241.5	199	0.373	99.2	24.7	0.075	1.1	18	99.2	149	0.696	0.246	14	1.6	1.6	0.8	0.8	1	2.3
243.8	199	0.356	99.2	24.7	0.075	1.1	18	99.2	149	0.699	0.21	14.2	1.6	1.4	0.8	0.8	1.6	2.3
246.1	199	0.295	99.2	24.8	0.075	1.1	18	99.2	149	0.555	0.196	14.5	1.6	0.8	-0.1	0.1	1.3	2
248.4	199	0.304	99.2	29.6	0.075	1.1	18	99.2	149	0.211	0.155	16.3	0.8	0.8	-3.9	-3.8	-0.8	-3
250.7	199	0.8	99.2	43.9	0.122	1.8	19.5	99.2	149	0.237	0.172	22.9	-3.1	0.8	-3.9	-3.9	-0.8	-3.1
253	199	0.8	99.2	45.1	0.194	3.1	23.1	99.2	149	0.424	0.387	22.9	-3.1	0.8	-4.6	-2.7	-0.5	-2.7
255.3	199	0.795	99.2	61.4	0.288	4.2	25.7	99.2	149	0.425	0.389	19.5	-1.6	1.3	-4.7	-0.8	0	-1.6
257.6	199	0.78	99.2	61.6	0.655	9.8	47.5	99.2	145	0.497	0.444	19.5	0.8	2.3	-4.3	-1	-0.6	-1.5
259.9	199	0.735	99.2	59.8	0.651	9.8	47.7	99.2	145	0.624	0.562	19.9	0.1	1.8	-3.1	-1.6	-3.9	-0.7
262.2	199	0.182	99.2	56	0.134	8.8	39.7	99.2	144	0.543	0.587	21	-2.3	-0.7	-3.3	-1.6	-3.9	-0.8
264.5	199	0.176	99.2	51.4	0.135	7	22.7	99.2	140	0.137	0.754	21.1	-2.4	-0.8	-6.9	-1.3	-4.8	0.2
266.8	199	0.325	99.2	16	0.171	6.5	24.7	99.2	140	0.146	0.759	21.9	-4.6	-0.8	-7	-0.8	-6.3	2.3

269.1	199	0.661	99.2	15.7	0.269	4.6	35.1	99.2	140	0.794	0.723	22	-4.7	-0.8	-6.3	-1	-4.7	1.8
271.4	199	0.687	99.2	32.8	0.32	4.9	35.3	99.2	140	0.798	0.657	21.1	-3.4	-0.6	-4.7	-1.6	0.8	-0.8
273.7	199	0.874	99.2	63.4	0.926	16	47.2	99.2	139	0.628	0.664	19	0	0	-4.5	-1.6	0.8	-0.8
276	199	0.875	99.2	64.7	0.934	16.2	65.3	99.2	136	0.077	0.676	17.6	0	0	-3.1	-1.6	0	-0.8
278.3	198	0.867	99.2	69.6	0.928	15	59	99.2	136	0.151	0.69	9.1	0	0	-3.1	-1.6	0	-0.8
280.6	198	0.855	99.2	67.1	0.912	12.3	39.9	99.2	133	0.831	0.868	9.6	0	0	-1.7	-1.6	-0.5	-0.8
282.9	198	0.735	99.2	38.4	0.886	11.1	38.2	99.2	133	0.835	0.874	25.9	-0.4	-1.8	0	-1.6	-1.6	-0.8
285.2	198	0.466	99.2	38.3	0.796	6	27.7	99.2	133	0.516	0.86	26	-0.8	-4.7	0.5	-2.3	-1.8	-1.1
287.5	199	0.376	99.2	13.6	0.8	5.6	27.2	99.2	133	0.115	0.833	29.7	-2.1	-4.9	1.6	-3.9	-2.3	-2.3
289.8	199	0.06	99.2	13.4	0.794	1.1	18	99.2	134	0.101	0.825	35.4	-4.7	-5.4	0.7	-3	-1.8	-2
292.1	199	0.06	99.2	13	0.8	1.1	18	99.2	135	0.076	0.796	32.7	-4.9	-4.5	-2.3	0.8	1.6	2.3
294.4	199	0.141	99.2	12.3	0.792	2.5	23.1	99.2	135	0.214	0.8	24.5	-5.5	2.3	-2.4	0.7	1.6	2.3
296.7	199	0.136	99.2	18.9	0.798	4.6	32.8	99.2	135	0.777	0.794	23.8	-5.5	2.3	-4.5	-1.5	-3.8	1.5
299	199	0.299	99.2	66.7	0.787	5.5	32.4	99.2	134	0.769	0.8	16	-5.4	-0.7	-4.6	-1.6	-3.9	-0.8
301.3	199	0.78	99.2	66.9	0.732	9.2	29.2	99.2	133	0.119	0.783	16	-5.5	-0.7	-4.6	-1.6	-3.9	-0.8
303.6	199	0.78	99.2	65.1	0.737	9.2	29.3	99.2	133	0.117	0.733	16.2	-5.5	-0.8	-4.6	-1.8	-3.9	-0.2
305.9	199	0.644	99.2	33	0.744	8.5	28.6	99.2	133	0.115	0.738	27.4	-4.6	-2	-4.7	-2.3	-3.9	1.6
308.2	199	0.214	99.2	32.9	0.755	3.4	20.4	99.2	133	0.202	0.74	27.5	-3.1	-4.7	-4.9	-2.2	-3.6	1.3
310.5	199	0.236	99.2	40.7	0.759	3.4	20.4	99.2	133	0.37	0.737	24.7	-2.5	-4	-5.5	-1.6	-1.6	-2.2
312.8	199	0.547	99.2	58.3	0.734	5.9	29.1	99.2	132	0.446	0.724	17	0	0	-5	-1.6	-1.6	-2.3
315.1	199	0.545	99.2	57.7	0.739	9.5	45.4	99.2	131	0.797	0.621	17.5	-0.4	0	0	-1.6	-0.9	-1.7
317.4	199	0.611	99.2	54.4	0.727	9.3	42.9	99.2	131	0.787	0.624	20.5	-4.7	0.8	0	-1.6	0	-0.8
319.7	199	0.72	99.2	54.5	0.697	8.7	33.6	99.2	131	0.583	0.328	20.5	-4.7	0.8	0.9	-1.6	0.4	-0.8
322	199	0.647	99.2	52.1	0.659	8.8	33.7	99.2	131	0.585	0.329	20.5	-2.5	1.4	2.3	-1.6	1.6	-0.8
324.3	199	0.373	99.2	52.2	0.408	9.1	33.6	99.2	130	0.643	0.378	20.5	1.6	3.1	1.8	-1.6	0.9	-0.8
326.6	199	0.396	99.2	51.7	0.411	9.2	33.7	99.2	129	0.758	0.503	20.5	1.6	3	0	-1.6	-3.1	-0.8
328.9	199	0.741	99.2	50.2	0.619	8.2	32.5	99.2	129	0.744	0.485	20.5	1.6	2.3	-0.1	-1.6	-3.1	-0.8
331.2	199	0.74	99.2	50.3	0.623	6.3	29.7	99.2	128	0.658	0.308	20.6	1.6	2.3	-2.3	-3	-1.1	-1.3
333.5	199	0.56	99.2	51.3	0.572	6.4	30	99.2	127	0.66	0.31	22	0.6	3.2	-2.3	-3.1	2.3	-2.3
335.8	199	0.138	99.2	51.4	0.388	6.4	31.3	99.2	128	0.428	0.382	22	-0.8	4.7	-1.2	-3.1	2.4	-2.2
338.1	199	0.182	99.2	52	0.397	6.4	31.4	99.2	127	0.076	0.524	20.7	-1.5	3.3	1.6	-3.1	3.1	-1.6
340.4	199	0.447	99.2	52.9	0.462	6.5	31.4	99.2	127	0.075	0.508	18	-3.1	-1.6	0.8	-3.1	3.1	-1.6
342.7	199	0.45	99.2	52.9	0.465	6.5	31.4	99.2	127	0.076	0.443	17.4	-3.1	-1.7	-3.1	-3.1	3.9	-1.9
345	199	0.761	99.2	52.8	0.412	6.5	31.5	99.2	127	0.082	0.446	15	-3.1	-2.2	-3.1	-3.1	3.9	-2.3
347.3	199	0.76	99.2	52.6	0.329	6.3	31.7	99.2	126	0.136	0.462	15.1	-3.1	-2.3	-3.1	-3.4	1.8	-2.3
349.6	199	0.687	99.2	50.1	0.353	6.3	31.6	99.2	126	0.135	0.465	17	-3.1	-2	-3.1	-3.9	-2.3	-2.3
351.9	199	0.526	99.2	50.2	0.423	6	30.1	99.2	126	0.135	0.458	17	-3.1	-1.6	-3.3	-3.9	-1	-2.3
354.2	199	0.491	99.2	43.8	0.439	5.9	30.2	99.2	126	0.136	0.444	21	-4.1	-2.4	-3.9	-3.9	3.9	-2.3
356.5	199	0.294	99.2	32.5	0.581	0.8	25.1	99.2	126	0.271	0.455	29.9	-7	-5.4	-3.2	-3.6	3.9	-2.3
358.8	199	0.29	99.2	31.5	0.584	0.8	17.3	99.2	126	0.698	0.503	29.7	-6.4	-5.4	1.6	-0.8	4.7	-0.4
361.1	199	0.342	99.2	27.6	0.585	1.5	18.6	99.2	126	0.694	0.509	27.9	0	-0.8	1.6	-0.8	4.7	2.3
363.4	199	0.426	99.2	28.9	0.583	3.2	23.1	99.2	126	0.623	0.601	28	0	-0.8	2.3	-2.2	4	1.1
365.7	199	0.425	99.2	54.4	0.558	3.7	23.9	99.2	126	0.625	0.604	15.5	0.6	0.7	2.3	-4.7	2.3	-2.3
368	199	0.427	99.2	54.5	0.443	6.1	32.1	99.2	125	0.436	0.568	15.5	1.6	3.9	2.3	-4.5	1.6	-2.3
370.3	199	0.404	99.2	49.8	0.438	6.1	32.2	99.2	124	0.096	0.483	18	0.3	3.9	2.3	-3.9	-2.3	-2.3
372.6	199	0.234	99.2	40.4	0.288	5.6	30.2	99.2	124	0.239	0.462	24	-3.9	3.9	2.4	-3.9	-2.3	-2.3
374.9	199	0.231	99.2	42.9	0.29	4.8	26.7	99.2	124	0.798	0.329	23.2	-3.9	3.9	3.1	-1.5	-3.1	-1.9
377.2	199	0.192	99.2	60.2	0.337	6.1	30.3	99.2	124	0.797	0.333	15.5	-3.9	1.6	3.1	-1.5	-3.1	-0.8
379.5	199	0.1	99.2	60.3	0.482	10.9	49.1	99.2	122	0.735	0.559	15.5	-3.9	1.6	2.4	-1.5	-3.1	-0.8
381.8	199	0.096	99.2	60.5	0.484	11	49.3	99.2	122	0.738	0.562	15.6	-3.7	1.6	0.8	-1.6	-3.7	-0.8
384.1	198	0.33	99.2	61.5	0.448	11	48.9	99.2	122	0.74	0.565	17	1.6	-0.2	0.8	-1.6	-4.7	-0.8
386.4	198	0.8	99.2	61.6	0.349	11	46.5	99.2	120	0.796	0.551	17	1.6	-3.1	0.3	-1.6	-4.7	-0.8
388.7	198	0.791	99.2	57.9	0.358	11	46.7	99.2	120	0.799	0.523	18.1	0.1	-2	-0.8	-1.6	-4.7	-0.8
391	198	0.741	99.2	51.8	0.462	8.4	40.6	99.2	120	0.641	0.503	20.5	-3.9	2.3	-1.2	-1.8	-4.6	-0.8
393.3	198	0.74	99.2	48.8	0.464	8.4	30.6	99.2	120	0.096	0.388	21.4	-3.1	2.2	-3.9	-3.9	-3.1	-2.2
395.6	198	0.529	99.2	36.1	0.406	7.7	30.1	99.2	120	0.114	0.39	26.9	5.5	0.8	-3.9	-3.9	-3.1	-2.3
397.9	198	0.177	99.2	36.1	0.269	5.7	28.1	99.2	120	0.777	0.35	27	5.5	0.8	-2.8	-3.7	-1.8	-2.2
400.2	198	0.278	99.2	54.4	0.292	5.8	28.3	99.2	120	0.779	0.289	24.9	2.8	-0.4	-0.8	-3.1	2.3	-1.6
402.5	198	0.721	99.2	54.5	0.442	7	34	99.2	120	0.758	0.324	21	-3.1	-3.9	-0.5	-3.1	2.3	-1.6
404.8	198	0.72	99.2	54.6	0.445	7.1	34.1	99.2	119	0.698	0.443	20.3	-2.5	-3.8	0.8	-3.1	2.3	-1.6

407.1	198	0.737	99.2	54.8	0.445	7.2	34.7	99.2	118	0.706	0.449	17	3.1	-1.6	0.8	-3.1	2.3	-1.6
409.4	198	0.76	99.2	55	0.444	7.3	36	99.2	119	0.758	0.542	16.9	3.1	-1.6	-3.9	-2.8	0.5	-1.4
411.7	198	0.748	99.2	56	0.44	7.4	36.3	99.2	118	0.76	0.545	14.5	-0.4	-1.9	-3.9	-2.3	-3.1	-0.8
414	198	0.72	99.2	56.1	0.424	7.5	37.5	99.2	119	0.57	0.499	14.5	-4.7	-2.3	-2.3	-2.1	-3.1	-0.8
416.3	199	0.732	99.2	57.4	0.42	7.6	37.8	99.2	118	0.31	0.424	14.1	-4.7	-2.5	0.8	-1.6	-3.1	-0.8
418.6	199	0.78	99.2	59.2	0.388	8.2	43.7	99.2	118	0.427	0.43	13.5	-4.7	-3.1	-0.4	-1.6	-2.8	-0.8
420.9	199	0.754	99.2	59.4	0.39	8.2	43.9	99.2	119	0.719	0.443	13.5	-4.8	-2.8	-5.5	-1.6	0.8	-0.8
423.2	199	0.1	99.2	59.9	0.419	8.3	43.4	99.2	118	0.65	0.441	13.5	-5.5	-0.8	-5.3	-1.6	0.8	-0.8
425.5	199	0.096	99.2	59.4	0.464	8.5	41.9	99.2	119	0.176	0.388	13.6	-5.5	-0.8	0.8	-1.6	-1.1	-0.8
427.8	199	0.273	99.2	49.4	0.453	8.5	41.5	99.2	118	0.175	0.39	22	-2.7	-1.1	0.8	-1.6	-4.7	-0.8
430.1	199	0.74	99.2	49.4	0.409	8.1	37.9	99.2	117	0.219	0.456	22	1.6	-1.6	-0.8	-1.6	-3.7	-0.8
432.4	199	0.74	99.2	52.4	0.417	8.2	38	99.2	117	0.29	0.583	20.8	1.2	-2	-4.7	-1.6	0.8	-0.8
434.7	199	0.74	99.2	57.9	0.482	8.1	38.8	99.2	116	0.404	0.566	18	0	-3.9	-4.7	-1.6	0.8	-0.8
437	199	0.74	99.2	58.6	0.485	8.2	39.9	99.2	115	0.798	0.463	17.9	-0.3	-3.8	-4.7	-1.6	-3.9	-0.8
439.3	199	0.53	99.2	61.5	0.465	8.5	41.9	99.2	115	0.797	0.463	17.5	-5.5	0.8	-4.7	-1.6	-3.9	-0.8
441.6	199	0.196	99.2	61.5	0.424	9.3	48.1	99.2	115	0.758	0.423	17.5	-5.5	0.8	-2.8	-1.6	-4.4	-0.8
443.9	199	0.208	99.2	57.5	0.433	9.3	47.5	99.2	115	0.76	0.425	18.8	-3.5	-1.2	0	-1.6	-5.5	-0.8
446.2	199	0.252	99.2	57.6	0.463	9	40.3	99.2	115	0.711	0.408	20.5	0	-5.5	-1.2	-1.6	-4.4	-0.8
448.5	199	0.239	99.2	57.1	0.461	9.1	40.4	99.2	115	0.624	0.369	20.6	0.2	-4.6	-4.7	-1.6	0.8	-0.8
450.8	199	0.139	99.2	56.1	0.348	8.8	38.9	99.2	114	0.533	0.367	21	0.8	0	-4.6	-1.6	0.8	-0.8
453.1	199	0.136	99.2	55.7	0.35	8.4	36.1	99.2	113	0.116	0.349	21	0.6	0	-3.1	-1.6	1.2	-0.8
455.4	199	0.286	99.2	52.4	0.35	8.3	35.8	99.2	113	0.134	0.35	21.5	-3.9	-2.2	-3.1	-1.6	3	-0.8
457.7	199	0.721	99.2	52.5	0.348	8	34	99.2	113	0.756	0.39	21.5	-3.9	-2.3	-2.3	-1.6	3.1	-0.8
460	199	0.72	99.2	52.5	0.349	8	34	99.2	113	0.758	0.483	21.5	-3.9	-2.3	0	-1.6	3.1	-0.8
462.3	199	0.545	99.2	52.4	0.354	8	34.1	99.2	113	0.76	0.485	21.5	-3.9	-1	0	-1.6	3.1	-0.8
464.6	199	0.078	99.2	52.5	0.369	8	34	99.2	113	0.701	0.472	21.5	-3.9	1.6	0.2	-1.6	2.8	-0.8
466.9	199	0.08	99.2	52.6	0.377	8.1	34.1	99.2	113	0.604	0.444	21.5	-2.5	1.7	0.8	-1.6	1.6	-0.8
469.2	199	0.119	99.2	52.9	0.462	8.2	34.9	99.2	113	0.563	0.451	21.5	1.6	2.3	0.3	-1.6	1.6	-0.8
471.5	199	0.115	99.2	53.2	0.464	8.3	36.1	99.2	111	0.41	0.483	21.4	1.2	2.3	-3.9	-1.6	0.8	-0.8
473.8	199	0.339	99.2	54.8	0.448	8.3	36.1	99.2	111	0.397	0.485	21	-3.9	-2.3	-3.9	-1.6	0.8	-0.8
476.1	199	0.72	99.2	54.9	0.409	8.3	36	99.2	111	0.096	0.477	21	-3.9	-2.3	-2.2	-1.6	1	-0.8
478.4	199	0.699	99.2	54.4	0.416	8.4	36.1	99.2	111	0.095	0.464	21	-4.2	-2.3	0.8	-1.6	1.6	-0.8
480.7	199	0.626	99.2	54.5	0.443	8.3	36	99.2	111	0.214	0.454	21	-4.7	-2.3	0.8	-1.6	1.6	-0.8
483	199	0.615	99.2	54.4	0.445	8.3	36.1	99.2	111	0.445	0.424	21	-4.5	-1.8	0.8	-1.6	1.6	-0.8
485.3	199	0.467	99.2	54.1	0.462	8.4	36.1	99.2	111	0.489	0.427	21	-3.9	1.6	0.5	-1.6	1.6	-0.8
487.6	199	0.465	99.2	54.2	0.464	8.5	36	99.2	111	0.718	0.443	21	-3.8	1.6	-4.7	-1.6	1.9	-0.8
489.9	199	0.54	99.2	54.8	0.452	8.5	36	99.2	111	0.72	0.445	21	0.8	1.9	-4.7	-1.6	2.3	-0.8
492.2	199	0.72	99.2	54.9	0.409	8.5	35.6	99.2	110	0.468	0.452	21	0.8	2.3	-4.4	-1.6	2	-0.8
494.5	199	0.715	99.2	54.3	0.413	8.5	35.7	99.2	109	0.095	0.464	21.2	-0.5	2.6	-3.9	-1.6	0.8	-0.8
496.8	199	0.681	99.2	53.3	0.443	7.7	35	99.2	109	0.229	0.453	21.5	-3.9	3.9	-3.2	-1.6	1	-0.8
499.1	199	0.683	99.2	53.5	0.445	7.7	34.1	99.2	110	0.604	0.409	21.5	-3.2	3.7	0.8	-1.6	3.1	-0.8
501.4	199	0.74	99.2	54.1	0.522	7.7	34.3	99.2	109	0.532	0.414	21.5	0.8	2.3	0.8	-1.6	3.1	-0.8
503.7	199	0.74	99.2	54.3	0.524	7.5	34.8	99.2	110	0.096	0.463	21.5	0.8	2.3	1.6	-1.9	2.8	-0.8
506	199	0.724	99.2	56	0.5	7.6	35.1	99.2	109	0.095	0.465	21.5	-1	0.5	1.6	-2.3	2.3	-0.8
508.3	199	0.68	99.2	56.1	0.409	7.5	36.4	99.2	109	0.335	0.442	21.5	-3.9	-3.1	0.4	-2.3	2.4	-0.8
510.6	199	0.682	99.2	55.8	0.41	7.6	36.5	99.2	109	0.759	0.389	21.2	-3.9	-3	-3.1	-2.3	3.1	-0.8
512.9	199	0.701	99.2	55.3	0.408	7.5	36.4	99.2	109	0.76	0.399	20.5	-3.9	-2.3	-2.8	-2.3	3.1	-0.8
515.2	199	0.7	99.2	54.9	0.41	7.5	36.1	99.2	110	0.758	0.463	20.6	-3.8	-2.3	0.8	-2.3	0.5	-0.8
517.5	199	0.663	99.2	53.3	0.41	7.5	35.8	99.2	109	0.738	0.464	21.5	-3.1	-2.3	0.8	-2.3	-3.1	-0.8
519.8	199	0.605	99.2	53.4	0.409	7.5	34.8	99.2	110	0.464	0.408	21.5	-3.1	-2.3	0.8	-2.3	-1.3	-0.8
522.1	199	0.484	99.2	54.4	0.428	7.5	34.9	99.2	109	0.465	0.41	21.5	-3.4	-1.1	0.8	-2.3	3.1	-0.8
524.4	199	0.117	99.2	54.5	0.503	7.7	34.8	99.2	109	0.554	0.41	21.5	-3.9	1.6	-0.2	-2.2	2.8	-0.8
526.7	199	0.185	99.2	55.9	0.495	7.7	34.9	99.2	109	0.719	0.409	21.3	-4.3	0.4	-3.1	-1.6	1.6	-0.8
529	199	0.701	99.2	58.4	0.349	8.3	39.8	99.2	109	0.576	0.42	21	-5.5	-4.7	-3.3	-1.6	1.6	-0.8
531.3	199	0.694	99.2	59	0.35	8.4	47.1	99.2	110	0.116	0.464	20.8	-5.5	-4.2	-4.7	-1.6	1.6	-0.8
533.6	199	0.427	99.2	60.7	0.388	8.6	46.8	99.2	109	0.121	0.463	20	-5.5	0.8	-4.7	-1.6	1.6	-0.8
535.9	199	0.425	99.2	60.7	0.444	8.9	45.8	99.2	108	0.156	0.443	19.9	-5.5	0.8	-5.5	-1.6	-0.4	-0.8
538.2	199	0.514	99.2	59.5	0.44	8.9	45.8	99.2	108	0.156	0.445	18	-5.5	0.8	-5.5	-1.6	-3.9	-0.8
540.5	199	0.72	99.2	59.6	0.424	8.8	45	99.2	108	0.758	0.425	18	-5.5	0.8	-5.5	-1.6	-4.1	-0.8
542.8	199	0.638	99.2	59	0.429	8.8	45.1	99.2	108	0.759	0.389	18.6	-5.5	1.1	-5.5	-1.6	-4.7	-0.8

545.1	199	0.138	99.2	58	0.463	8.3	42.9	99.2	108	0.76	0.386	20	-5.5	2.3	-4.7	-1.6	-4.6	-0.8
547.4	199	0.135	99.2	58.4	0.465	8.3	39.6	99.2	108	0.759	0.369	20	-5.5	2.1	0	-1.6	-2.3	-0.8
549.7	199	0.374	99.2	59.9	0.479	8.5	40	99.2	108	0.738	0.371	20	-5.5	-4.7	0	-1.6	-2.3	-0.8
552	199	0.74	99.2	59.9	0.504	8.8	41.1	99.2	108	0.504	0.388	20	-5.5	-4.7	-2.2	-1.6	-2.5	-0.8
554.3	199	0.626	99.2	58.3	0.482	8.8	41.1	99.2	108	0.505	0.39	20	-3.1	-4.7	-5.5	-1.6	-3.1	-0.8
556.6	199	0.311	99.2	58.4	0.389	8.7	40.3	99.2	108	0.596	0.39	20	0.8	-4.7	-4.3	-1.6	-3.1	-0.8
558.9	199	0.347	99.2	58.3	0.389	8.7	40.4	99.2	108	0.759	0.389	20.4	0.4	-4.7	-0.8	-1.6	-3.1	-0.8
561.2	199	0.606	99.2	58	0.368	8.4	38.3	99.2	108	0.618	0.399	21.5	-0.8	-4.7	-0.4	-1.6	-3.1	-0.8
563.5	199	0.605	99.2	56.9	0.37	8	34.9	99.2	108	0.136	0.444	21.5	-0.5	-4.6	2.3	-1.6	-3.1	-0.8
565.8	199	0.658	99.2	51.8	0.403	8	34.6	99.2	108	0.185	0.447	21.5	2.3	-2.3	2.3	-1.6	-3.1	-0.8
568.1	199	0.74	99.2	51.8	0.464	7.9	33.6	99.2	108	0.718	0.483	21.5	2.3	-2.3	1.6	-1.6	-2.6	-0.8
570.4	199	0.595	99.2	52.1	0.465	7.9	33.7	99.2	108	0.72	0.485	21.5	2	-1	1.6	-1.6	-1.6	-0.8
572.7	199	0.137	99.2	52.2	0.463	7.9	33.2	99.2	107	0.505	0.468	21.5	1.6	1.6	0.7	-1.6	-1.8	-0.8
575	199	0.192	99.2	52.5	0.462	7.9	33.3	99.2	106	0.096	0.424	21.5	0.7	1	-2.3	-1.6	-3.1	-0.8
577.3	199	0.76	99.2	53.3	0.368	7.6	32.8	99.2	106	0.201	0.425	21.5	-3.1	-2.3	-1.9	-1.6	-3.1	-0.8
579.6	199	0.76	99.2	53.1	0.37	7.1	31.8	99.2	106	0.659	0.424	21.5	-2.9	-2.3	3.1	-2.3	-0.4	-0.8
581.9	199	0.56	99.2	51.4	0.403	7.2	31.9	99.2	106	0.639	0.425	22	3.1	-0.2	3.1	-2.3	3.9	-0.8
584.2	199	0.157	99.2	51.4	0.484	7.3	32.1	99.2	106	0.096	0.433	22	3.1	3.1	3.1	-2.3	3.5	-0.9
586.5	199	0.18	99.2	51.1	0.487	7.3	32.2	99.2	106	0.095	0.444	22	2	2	3.1	-2.3	2.3	-1.6
588.8	199	0.312	99.2	50.6	0.503	7.4	32.8	99.2	106	0.228	0.441	22	-0.8	-1.6	2.4	-2.3	2	-1.6
591.1	199	0.31	99.2	51	0.505	7.4	32.9	99.2	106	0.624	0.424	22	-0.5	-1.4	-1.6	-2.3	-2.3	-0.8
593.4	199	0.217	99.2	52.2	0.47	7.4	32.9	99.2	106	0.608	0.423	22	2.3	3.1	-1.6	-2.3	-2.3	-0.8
595.7	199	0.096	99.2	52.8	0.409	7.4	32.9	99.2	106	0.465	0.389	21.9	2.3	3.1	-0.8	-2	-2.6	-0.8
598	199	0.29	99.2	57.5	0.405	7.5	33.8	99.2	106	0.465	0.39	20.5	-3.1	0.6	-0.8	-1.6	-3.1	-0.8
600.3	199	0.7	99.2	57.6	0.389	7.8	39.1	99.2	106	0.309	0.418	20.5	-3.1	-3.1	0.3	-1.8	-3.3	-1
602.6	199	0.596	99.2	55.5	0.385	7.8	39	99.2	106	0.095	0.464	21.1	-2.8	-1.9	2.3	-2.3	-3.9	-1.6
604.9	199	0.157	99.2	52.5	0.349	7.1	32.4	99.2	106	0.296	0.475	22	-2.3	1.6	1.5	-2.3	-3.7	-1.6
607.2	199	0.188	99.2	51.5	0.352	7.1	32.5	99.2	106	0.779	0.504	22.1	-1.2	1	-1.6	-2.3	-1.6	-1.6
609.5	199	0.661	99.2	49	0.463	6.3	30.6	99.2	106	0.676	0.485	22.5	3.9	-3.1	-1.2	-2.3	-1.6	-1.6
611.8	199	0.66	99.2	48.7	0.464	5	26.7	99.2	106	0.156	0.329	22.5	3.8	-3.1	5.5	-3.9	-1.6	-1.8
614.1	199	0.674	99.2	46.7	0.465	5.3	27.1	99.2	106	0.154	0.33	22.5	-0.8	-0.5	5.5	-3.9	-1.6	-2.3
616.4	199	0.7	99.2	46.7	0.464	6.3	29	99.2	106	0.136	0.385	22.5	-0.8	3.1	2.7	-3.9	-0.4	-2.3
618.7	199	0.672	99.2	42.7	0.474	6.4	29.3	99.2	106	0.135	0.464	23.6	-0.8	1.6	-2.3	-3.9	3.1	-2.3
621	199	0.566	99.2	42.7	0.523	7.4	33.6	99.2	106	0.123	0.475	25.5	-0.8	-2.3	-1.2	-3.6	2.5	-2.2
623.3	199	0.557	99.2	47	0.525	7.4	33.7	99.2	106	0.096	0.504	24.3	-0.7	-2.4	3.1	-1.6	-2.3	-0.8
625.6	199	0.158	99.2	60.7	0.51	7.9	38.7	99.2	106	0.148	0.498	19.5	0	-3.9	2.9	-1.6	-2.3	-0.8
627.9	199	0.156	99.2	60.9	0.484	9.1	51.7	99.2	106	0.564	0.389	19.5	0	-3.9	-4.7	-1.6	-1	-0.8
630.2	198	0.248	99.2	61.9	0.473	9.1	51.6	99.2	106	0.565	0.39	19	-1.9	-3.9	-4.7	-1.6	1.6	-0.8
632.5	198	0.506	99.2	62	0.424	9	50.1	99.2	106	0.591	0.413	19	-4.7	-3.9	-4.7	-1.6	1.5	-0.8
634.8	198	0.529	99.2	59.5	0.425	9	50.2	99.2	106	0.639	0.464	19.7	-3.8	-3.1	-4.7	-1.6	0.8	-0.8
637.1	198	0.76	99.2	54.5	0.424	8.3	43.4	99.2	106	0.518	0.438	21.5	-0.8	0.8	-3.8	-1.6	0.9	-0.8
639.4	198	0.76	99.2	51.8	0.425	7.5	32.5	99.2	106	0.116	0.309	22.3	-0.3	1	3.1	-2.3	3.9	-1.2
641.7	198	0.496	99.2	42.7	0.419	6.7	30.7	99.2	105	0.124	0.318	26	3.1	3.1	3.1	-2.3	3.9	-1.6
644	198	0.156	99.2	41.7	0.409	5.2	26.3	99.2	104	0.176	0.389	26.1	3.1	3.1	3.9	-3.9	3.9	-1.8
646.3	198	0.329	99.2	34.9	0.429	5.3	26.5	99.2	104	0.175	0.39	27.5	5.5	3.1	3.9	-3.9	3.9	-2.3
648.6	198	0.7	99.2	34.9	0.484	5.8	27.5	99.2	104	0.176	0.426	27.5	5.5	3.1	3.6	-3.9	3.7	-2.2
650.9	198	0.594	99.2	41.1	0.47	5.9	27.5	99.2	104	0.175	0.484	25.5	4.8	3.1	3.1	-3.9	3.1	-1.6
653.2	198	0.117	99.2	50.2	0.369	7	29.5	99.2	104	0.158	0.507	22	3.1	3.1	2.2	-3.6	2.7	-1.6
655.5	198	0.123	99.2	53	0.37	7	32.2	99.2	104	0.116	0.584	21.4	2.1	3	-2.3	-1.6	-2.3	-0.8
657.8	198	0.372	99.2	61.1	0.37	9.1	41.8	99.2	104	0.172	0.582	19	-3.9	1.6	-2.3	-1.6	-2.3	-0.8
660.1	197	0.371	99.2	61.7	0.369	13.3	66.6	99.2	104	0.564	0.543	18.9	-3.9	1.6	-4.7	-1.6	-2.8	-0.8
662.4	196	0.459	99.2	68.1	0.388	13.3	65.5	99.2	104	0.565	0.545	15	-4.5	-0.6	-4.7	-1.6	-3.9	-0.8
664.7	196	0.74	99.2	68.2	0.464	12.7	52.7	99.2	104	0.591	0.521	15	-5.5	-5.5	-3.7	-1.6	-3.3	-0.8
667	196	0.745	99.2	67.6	0.466	12.7	52.9	99.2	104	0.639	0.464	15.1	-4.5	-4.8	-0.8	-1.6	0	-0.8
669.3	196	0.82	99.2	66.2	0.851	12.8	51.2	99.2	104	0.675	0.504	15.5	0	0	-0.7	-1.6	0	-0.8
671.6	196	0.82	99.2	64.3	0.854	12.8	47.4	99.2	102	0.853	0.832	15.9	-0.1	0	0	-1.6	0	-0.8
673.9	196	0.727	99.2	51	0.829	11.4	44.2	99.2	102	0.855	0.835	21	-3.9	-2.1	0	-1.6	0	-0.8
676.2	196	0.526	99.2	51	0.758	6.6	27.8	99.2	102	0.566	0.792	21	-3.9	-5.5	-0.5	-2.4	0.2	-1.2
678.5	198	0.559	99.2	42.1	0.756	6.5	27.8	99.2	102	0.175	0.719	24.1	-2.5	-3.7	-1.6	-4.7	0.8	-3.1
680.8	198	0.74	99.2	28.6	0.717	4.4	24.7	99.2	102	0.153	0.711	30	0.8	2.3	-1	-4.4	0.5	-3.1

683.1	198	0.74	99.2	33.5	0.72	4.4	24.7	99.2	102	0.096	0.678	28.5	1.1	1.9	2.3	-2.3	-3.9	-1.6
685.4	198	0.674	99.2	49.4	0.713	5.5	27.8	99.2	102	0.153	0.68	22	3.1	-3.1	2.3	-2.3	-3.9	-1.6
687.7	198	0.585	99.2	50	0.699	8	36.5	99.2	102	0.679	0.678	22	3.1	-3.1	1.6	-2	-3.4	-1.4
690	198	0.633	99.2	56.8	0.696	7.9	36.4	99.2	102	0.68	0.68	21.5	0.6	-1.3	1.6	-1.6	-2.3	-0.8
692.3	198	0.76	99.2	56.9	0.678	7.7	35.2	99.2	102	0.607	0.667	21.5	-3.1	2.3	1.6	-1.6	-2.3	-0.8
694.6	198	0.7	99.2	56.4	0.68	7.7	35.3	99.2	102	0.485	0.639	21.5	-3.3	2.2	1.6	-1.6	-2.3	-0.8
696.9	198	0.197	99.2	55.3	0.677	7.7	35.7	99.2	102	0.489	0.635	21.5	-3.9	1.6	1.1	-1.6	-2.3	-0.8
699.2	198	0.195	99.2	55.9	0.679	7.7	36.5	99.2	102	0.505	0.603	21.5	-3.9	1.5	-3.9	-1.6	-3.9	-0.8
701.5	198	0.376	99.2	58.7	0.68	7.8	37.2	99.2	102	0.502	0.603	21.5	-3.9	-3.1	-3.9	-1.6	-3.9	-0.8
703.8	198	0.7	99.2	58.7	0.679	8.1	39.5	99.2	102	0.464	0.483	21.5	-3.9	-3.1	-2.2	-1.6	-2.5	-0.8
706.1	198	0.595	99.2	56.4	0.675	8.1	39.6	99.2	102	0.465	0.484	21.5	-2.2	-2.1	0.8	-1.6	1.6	-0.8
708.4	198	0.117	99.2	56.5	0.638	8	37.5	99.2	102	0.37	0.489	21.5	1.6	0.8	0.7	-1.6	1.3	-0.8
710.7	198	0.116	99.2	56.1	0.64	8	37.6	99.2	102	0.116	0.504	21.5	1.7	0.9	0	-1.6	-3.9	-0.8
713	198	0.661	99.2	54.9	0.567	7.9	37.1	99.2	102	0.166	0.498	21.5	2.3	1.6	0.1	-1.6	-3.9	-0.8
715.3	198	0.66	99.2	55.2	0.444	7.7	35.7	99.2	102	0.604	0.389	21.5	2.3	1.6	2.3	-1.9	-3.6	-0.8
717.6	198	0.5	99.2	57.9	0.45	7.8	36.3	99.2	102	0.604	0.39	21.5	1.7	1.3	2.3	-2.3	-3.1	-0.8
719.9	198	0.117	99.2	58	0.464	8	40.3	99.2	102	0.076	0.409	21.5	0.8	0.8	1.9	-2.1	-3.3	-0.8
722.2	198	0.127	99.2	58.3	0.467	8.1	40.4	99.2	102	0.075	0.444	21.5	0.8	1	0.8	-1.6	-3.9	-0.8
724.5	198	0.212	99.2	58.8	0.503	8.1	41	99.2	102	0.194	0.433	21.5	0.8	1.6	0.4	-1.6	-3.9	-0.8
726.8	198	0.21	99.2	58.9	0.505	8.1	42	99.2	101	0.639	0.369	21.5	0.7	1.6	-3.1	-1.6	1.6	-0.8
729.1	198	0.168	99.2	59.1	0.461	8.1	42.1	99.2	100	0.621	0.371	21.5	0	0.8	-3.1	-1.6	1.6	-0.8
731.4	198	0.096	99.2	59.2	0.369	8	42.3	99.2	101	0.37	0.463	21.5	0	0.8	-3.1	-1.6	1.6	-0.8
733.7	198	0.183	99.2	59.5	0.378	8	42.4	99.2	100	0.37	0.465	21.5	0.7	-0.2	-3.1	-1.6	1.6	-0.8
736	198	0.546	99.2	59.6	0.424	8.1	42.3	99.2	100	0.292	0.454	21.5	2.3	-3.1	-3.1	-1.6	1.4	-0.8
738.3	198	0.553	99.2	59.4	0.425	8.1	42.4	99.2	100	0.135	0.424	21.5	2	-3.1	-3.1	-1.6	0	-0.8
740.6	198	0.661	99.2	58.8	0.443	8.1	43.7	99.2	100	0.142	0.43	21.5	0.8	-3.1	-2.8	-1.6	0	-0.8
742.9	198	0.66	99.2	59.1	0.445	8.1	46.2	99.2	101	0.176	0.464	21.5	0.7	-3.1	1.6	-1.6	0.6	-0.8
745.2	198	0.462	99.2	61.1	0.354	9.2	47.4	99.2	100	0.181	0.465	21.5	-1.6	-1.5	1.6	-1.6	1.6	-0.8
747.5	198	0.056	99.2	61.2	0.115	12.9	52.4	99.2	101	0.445	0.387	21.5	-1.6	0.8	-0.5	-1.6	0.1	-0.8
749.8	198	0.177	99.2	63	0.14	12.9	52.5	99.2	100	0.445	0.27	19.8	-2.3	-0.2	-4.7	-1.6	-4.7	-0.8
752.1	198	0.7	99.2	65.5	0.309	11.8	51.3	99.2	100	0.469	0.319	17	-3.9	-3.1	-3.9	-1.6	-4.1	-0.8
754.4	198	0.675	99.2	65.3	0.31	11.8	51.4	99.2	100	0.525	0.464	17.1	-3	-3	-0.8	-1.6	0.8	-0.8
756.7	198	0.212	99.2	64.7	0.483	11.8	51.9	99.2	100	0.463	0.459	17.5	0.8	-2.3	-0.8	-1.6	0.8	-0.8
759	198	0.211	99.2	64.8	0.485	11.6	52.8	99.2	101	0.116	0.389	17.4	0.8	-2.3	0	-1.6	-0.9	-0.8
761.3	198	0.344	99.2	65.4	0.564	11.7	52.9	99.2	100	0.115	0.39	15	0	-1.7	0	-1.6	-5.5	-0.8
763.6	198	0.8	99.2	65.4	0.891	12.1	52.7	99.2	101	0.338	0.519	15	0	0	0	-1.6	-5.5	-0.8
765.9	198	0.8	99.2	65.5	0.893	12.1	52.8	99.2	101	0.833	0.872	15	0	0	0	-1.6	-3.9	-0.8
768.2	198	0.804	99.2	65.8	0.892	12.2	52.7	99.2	100	0.835	0.874	15.6	0	0	0	-1.6	0	-0.8
770.5	198	0.82	99.2	65.9	0.873	13	49.3	99.2	100	0.83	0.87	16.5	0	0	0	-1.6	0	-0.8
772.8	198	0.817	99.2	62.9	0.875	13.1	49.4	99.2	100	0.819	0.854	17.8	0	-0.2	0	-1.6	0	-0.8
775.1	199	0.76	99.2	56.1	0.832	10.3	41.3	99.2	100	0.816	0.846	21.5	0	-1.6	0	-1.5	0	-0.8
777.4	199	0.76	99.2	47.6	0.835	6.2	26.3	99.2	100	0.799	0.798	23.5	-0.1	-1.7	0	0.8	0	0.4
779.7	199	0.669	99.2	9.9	0.592	6.5	27.7	99.2	100	0.745	0.766	35	-0.8	-3.1	-0.1	0.8	0	2.3
782	199	0.545	99.2	12.3	0.155	7.3	31.8	99.2	101	0.31	0.349	34.7	-0.8	-3.1	-3.9	-0.7	-0.8	1
784.3	199	0.43	99.2	39.2	0.246	7.1	31.4	99.2	100	0.31	0.35	26.5	0.2	-1.1	-3.9	-3.1	-2.3	-2.3
786.6	199	0.156	99.2	39.2	0.524	6	28.2	99.2	100	0.489	0.428	26.5	1.6	2.3	-3.9	-3.3	-2.5	-2.3
788.9	199	0.282	99.2	35.6	0.528	5.7	27.9	99.2	100	0.74	0.565	27.4	1.1	0.8	-3.9	-3.9	-3.1	-2.3
791.2	199	0.76	99.2	30.6	0.544	2.8	23.9	99.2	100	0.534	0.571	29	0	-3.1	-3	-3.9	-2.6	-2.2
793.5	199	0.719	99.2	37.9	0.547	2.8	23.9	99.2	100	0.115	0.584	27.1	-0.8	-2.4	0	-3.9	0.8	-1.6
795.8	199	0.232	99.2	54.5	0.638	5	29.3	99.2	100	0.213	0.579	21.5	-3.9	1.6	-0.3	-3.8	0.8	-1.6
798.1	199	0.23	99.2	55.2	0.64	8.1	38.4	99.2	100	0.605	0.544	21.5	-4	1.6	-3.9	-1.6	1.2	-1.3
800.4	199	0.457	99.2	58	0.634	8.1	39	99.2	100	0.523	0.539	21.5	-4.7	1.6	-3.7	-1.6	1.6	-0.8
802.7	199	0.72	99.2	58.1	0.625	8.2	40.4	99.2	101	0.096	0.484	21.5	-4.3	1.6	0	-1.6	-1.1	-0.8
805	198	0.474	99.2	58.8	0.612	8.3	40.3	99.2	100	0.156	0.482	21.5	0	0	0	-1.6	-4.7	-0.8
807.3	198	0.096	99.2	58.8	0.584	8.3	40	99.2	101	0.759	0.409	21.5	0	0	-2	-1.6	-4.7	-0.8
809.6	198	0.259	99.2	58.3	0.55	8.4	40.2	99.2	100	0.76	0.41	21.5	-1.6	0.3	-4.7	-1.6	-4.7	-0.8
811.9	198	0.68	99.2	58.4	0.424	8.4	41.9	99.2	101	0.745	0.429	21.5	-3.9	0.8	-4.9	-1.6	-3.7	-0.8
814.2	198	0.635	99.2	58.7	0.432	8.4	42	99.2	100	0.72	0.464	21.5	-3.1	-0.3	-5.5	-1.6	0	-0.8
816.5	198	0.332	99.2	59.2	0.503	8.4	41.4	99.2	100	0.567	0.469	21.5	-0.8	-4.7	-5.4	-1.6	-0.2	-0.8
818.8	198	0.33	99.2	59	0.505	8.4	40.4	99.2	101	0.096	0.484	21.5	-1.2	-4.7	-4.7	-1.6	-3.9	-0.8

821.1	198	0.282	99.2	58.4	0.481	8.4	40.3	99.2	100	0.121	0.485	21.5	-4.7	-4.7	-4.7	-1.6	-3.9	-0.8
823.4	198	0.196	99.2	58.4	0.424	8.3	39.9	99.2	101	0.564	0.444	21.5	-4.7	-4.7	-3.3	-1.6	-2.7	-0.8
825.7	198	0.291	99.2	58.3	0.435	8.3	40	99.2	100	0.565	0.445	21.5	-3.4	-3.3	-0.8	-1.6	0.8	-0.8
828	198	0.72	99.2	58.4	0.504	8.2	40.3	99.2	100	0.438	0.449	21.5	-0.8	0.8	-0.5	-1.6	0.6	-0.8
830.3	198	0.719	99.2	58.7	0.505	8.2	40.4	99.2	100	0.096	0.464	21.5	-1.4	0.4	0.8	-1.6	-3.1	-0.8
832.6	198	0.661	99.2	59.6	0.476	8.2	40.8	99.2	100	0.097	0.464	21.5	-4.7	-4.7	0.8	-1.6	-3.1	-0.8
834.9	198	0.66	99.2	59.6	0.424	8.4	41.9	99.2	101	0.116	0.421	21.5	-4.7	-4.7	0.6	-1.6	-3.3	-0.8
837.2	198	0.677	99.2	58.7	0.421	8.3	42	99.2	100	0.115	0.422	20.5	-3.3	-4.5	0	-1.6	-3.9	-0.8
839.5	198	0.76	99.2	58.7	0.388	7.9	41.5	99.2	100	0.106	0.423	20.5	0.8	-3.9	0	-1.6	-3.9	-0.8
841.8	198	0.76	99.2	58.8	0.389	7.9	41.5	99.2	101	0.076	0.423	20.5	0.8	-3.9	0.2	-1.6	-3.8	-0.8
844.1	198	0.704	99.2	59.3	0.394	8	41.6	99.2	100	0.075	0.424	20.1	0.6	-3.3	0.8	-1.6	-3.1	-0.8
846.4	198	0.117	99.2	60.4	0.484	8.2	44.1	99.2	100	0.105	0.423	19	0	0	0.4	-1.6	-3.1	-0.8
848.7	198	0.115	99.2	60.6	0.485	8.6	48.6	99.2	101	0.23	0.409	19	-0.2	0	-4.7	-1.6	-1.2	-0.8
851	198	0.327	99.2	61.9	0.376	9.7	49.7	99.2	100	0.247	0.413	19	-5.5	0.3	-4.7	-1.6	1.6	-0.8
853.3	198	0.72	99.2	62	0.135	12.7	53.6	99.2	101	0.485	0.583	19	-5.5	0.8	-5.6	-1.6	-0.4	-0.8
855.6	198	0.625	99.2	65.8	0.194	12.7	53.6	99.2	100	0.485	0.585	17.7	-5.8	-1.1	-7	-1.6	-5.5	-0.8
857.9	198	0.231	99.2	65.9	0.544	12.6	51.7	99.2	100	0.38	0.549	15.5	-6.3	-6.3	-6.5	-1.6	-4.8	-0.8
860.2	198	0.255	99.2	66.2	0.545	12.6	51.8	99.2	100	0.155	0.444	15.6	-5.3	-5.7	-4.7	-1.6	0.8	-0.8
862.5	198	0.82	99.2	67	0.685	13	51.4	99.2	100	0.245	0.478	16	0	0	-4.5	-1.6	0.8	-0.8
864.8	198	0.82	99.2	66.9	0.894	13.6	50.5	99.2	101	0.834	0.853	16.1	0	0	0	-1.6	0.5	-0.8
867.1	198	0.82	99.2	65.4	0.89	13.7	50.1	99.2	100	0.835	0.855	18.5	0	0	0	-1.6	0	-0.8
869.4	198	0.82	99.2	65.5	0.873	14	46.6	99.2	101	0.835	0.855	18.5	0	0	0	-1.6	0	-0.8
871.7	198	0.82	99.2	65.2	0.875	14	46.7	99.2	100	0.834	0.854	18	0	0	0	-1.6	0	-0.8
874	198	0.82	99.2	64.7	0.873	14.2	47	99.2	100	0.835	0.855	17	0	0	0	-1.6	0	-0.8
876.3	198	0.82	99.2	65	0.875	14.2	47.5	99.2	100	0.834	0.853	17.3	0	0	0	-1.6	0	-0.8
878.6	199	0.82	99.2	65.8	0.875	14.1	46.5	99.2	100	0.835	0.855	18.5	0	0	0	-1.6	0	-0.8
880.9	199	0.82	99.2	65.8	0.874	13.6	43.4	99.2	101	0.834	0.853	18.5	0	0	0	-1.6	0	-0.8
883.2	199	0.815	99.2	63.8	0.871	13.5	43.4	99.2	100	0.835	0.854	16.5	0	0	0	-1.6	0	-0.8
885.5	199	0.8	99.2	63.9	0.853	12.5	42.3	99.2	100	0.829	0.849	16.5	0	0	0	-1.6	0	-0.8
887.8	199	0.8	99.2	63.3	0.855	12.5	42.4	99.2	100	0.819	0.834	16.5	0	0	0	-1.6	0	-0.8
890.1	199	0.8	99.2	62	0.852	12.8	42.9	99.2	100	0.82	0.835	16.5	0	0	0	-1.6	0	-0.8
892.4	199	0.8	99.2	62.2	0.854	12.8	43.9	99.2	101	0.819	0.833	16.5	0	0	0	-1.6	0	-0.8
894.7	199	0.8	99.2	63	0.855	12.8	43.8	99.2	100	0.82	0.835	16.5	0	0	0	-1.6	0	-0.8
897	200	0.8	99.2	63.1	0.853	12.5	43.4	99.2	101	0.82	0.835	16.5	0	0	0	-1.6	0	-0.8
899.3	201	0.8	99.2	63.4	0.855	12.6	43.5	99.2	100	0.82	0.834	17	0	0	0	-1.6	0	-0.8
901.6	201	0.8	99.2	63.9	0.853	13	43.2	99.2	100	0.82	0.835	18	0	0	0	-1.6	0	-0.8
903.9	201	0.8	99.2	62.2	0.855	13	42.7	99.2	100	0.819	0.833	18.5	0	0	0	-1.6	0	-0.8
906.2	201	0.792	99.2	56.1	0.848	12.9	41.7	99.2	100	0.819	0.835	21	0	0	0	-1.6	0	-0.8
908.5	201	0.78	99.2	56.3	0.834	12.5	38.4	99.2	101	0.799	0.818	21	0	0	0	-1.6	0	-0.8
910.8	201	0.79	99.2	62.6	0.839	12.8	39.1	99.2	100	0.8	0.819	20.3	0	0	0	-1.6	0	-0.8
913.1	201	0.82	99.2	62.7	0.853	14.5	46.6	99.2	100	0.807	0.822	19.5	0	0	0	-1.6	0	-0.8
915.4	203	0.82	99.2	62.3	0.856	14.5	46.7	99.2	100	0.819	0.828	19.7	0	0	0	-1.6	0	-0.8
917.7	203	0.82	99.2	61.1	0.871	13.8	45.6	99.2	100	0.82	0.83	20.5	0	0	0	-1.6	0	-0.8
920	203	0.82	99.2	61.2	0.873	13.9	43	99.2	99	0.818	0.832	20.5	0	0	0	-1.6	0	-0.8
922.3	203	0.819	99.2	59.7	0.875	13.9	43.1	99.2	99	0.819	0.834	20.7	0	0	0	-1.6	0	-0.8
924.6	203	0.8	99.2	56.1	0.872	12.2	40.8	99.2	99	0.753	0.824	21.5	0	0	0	-1.6	0	-0.8
926.9	203	0.8	99.2	53.6	0.874	9.2	35.7	99.2	101	0.41	0.738	21.9	0	0	0	-1.6	-2.4	-0.8
929.2	203	0.777	99.2	32.9	0.842	8.4	34.3	99.2	100	0.41	0.74	28.5	-2.3	-2.6	0	-1.6	-6.3	-0.8
931.5	203	0.72	99.2	32.9	0.739	5.2	26.3	99.2	101	0.528	0.726	28.5	-2.3	-7	-1	-2.2	-4.8	-1
933.8	203	0.701	99.2	33.8	0.738	5.2	26.3	99.2	100	0.7	0.699	28	-2.1	-4.8	-3.1	-3.9	0.8	-2.3
936.1	203	0.586	99.2	35.3	0.718	6.6	27.6	99.2	100	0.671	0.7	27	-1.6	3.1	-2	-3.6	0.9	-2.3
938.4	203	0.582	99.2	39.2	0.72	6.6	29.4	99.2	100	0.585	0.699	26	-1.8	2.6	3.9	-1.6	2.3	-0.8
940.7	203	0.352	99.2	51.8	0.705	7	30.5	99.2	100	0.608	0.697	21.5	-3.1	-3.1	3.9	-1.6	2.3	-0.8
943	203	0.35	99.2	51.8	0.679	7.8	33.3	99.2	101	0.759	0.658	21.5	-3.1	-3.1	2.3	-1.6	2.3	-0.8
945.3	201	0.306	99.2	51.4	0.675	7.9	33.7	99.2	100	0.76	0.66	21.5	-2.8	-1.2	2.3	-1.6	2.3	-0.8
947.6	201	0.196	99.2	51.4	0.659	8.3	36.5	99.2	101	0.744	0.653	21.5	-2.3	2.3	0.5	-1.6	2	-0.8
949.9	199	0.283	99.2	51.6	0.658	8.3	36.5	99.2	100	0.72	0.639	21.5	-1.1	2.3	-3.9	-1.6	0.8	-0.8
952.2	199	0.74	99.2	51.8	0.639	7.9	33.7	99.2	100	0.72	0.632	21.5	1.6	2.3	-2.9	-1.6	0.4	-0.8
954.5	199	0.734	99.2	51.1	0.64	8	33.7	99.2	100	0.719	0.604	21.5	0.7	2.3	1.6	-1.6	-3.1	-0.8
956.8	199	0.626	99.2	49.4	0.583	7.9	33.3	99.2	100	0.687	0.591	21.5	-3.1	2.3	1.4	-1.6	-3.1	-0.8

959.1	199	0.625	99.2	49.4	0.585	7.9	32.5	99.2	101	0.525	0.464	21.5	-3	2.3	-1.6	-1.6	-2.8	-0.8
961.4	199	0.668	99.2	49	0.542	7.9	32.5	99.2	100	0.527	0.465	21.5	-0.8	1.4	-1.6	-1.6	-2.3	-0.8
963.7	199	0.76	99.2	49	0.424	8.1	32.5	99.2	101	0.639	0.473	21.5	-0.8	0	-1.8	-1.6	-2.3	-0.8
966	199	0.691	99.2	49.6	0.425	8.1	32.5	99.2	100	0.64	0.485	21.5	-0.1	-0.5	-2.3	-1.6	-2.3	-0.8
968.3	199	0.311	99.2	50.6	0.424	7.9	32.5	99.2	100	0.68	0.476	21.5	1.6	-2.3	-2.3	-1.6	-2.3	-0.8
970.6	199	0.315	99.2	51.2	0.425	8	32.5	99.2	100	0.779	0.444	21.5	0.8	-2.3	-2.3	-1.6	-1.6	-0.8
972.9	198	0.446	99.2	52.9	0.419	7.9	33.2	99.2	100	0.773	0.445	21.5	-3.1	-2.3	-2.4	-1.6	-1.6	-0.8
975.2	198	0.445	99.2	53	0.41	7.9	34.5	99.2	100	0.739	0.444	21.5	-2.8	-2.2	-3.1	-1.6	-1.9	-0.8
977.5	198	0.317	99.2	53.3	0.427	7.9	34.7	99.2	100	0.74	0.445	22	1.6	3.1	-3.1	-1.6	-2.3	-0.8
979.8	197	0.096	99.2	53.3	0.464	7.8	35.3	99.2	101	0.739	0.409	22	1.6	3.1	-3.1	-1.6	-2.5	-0.8
982.1	196	0.095	99.2	54.5	0.468	7.8	35.3	99.2	100	0.74	0.41	21.8	-0.3	2.9	-3.1	-1.6	-3.1	-0.8
984.4	196	0.096	99.2	54.5	0.484	7.6	34.9	99.2	100	0.733	0.432	21.5	-3.9	2.3	-3.1	-1.6	-2.2	-0.8
986.7	196	0.124	99.2	54.1	0.484	7.6	34.9	99.2	100	0.72	0.484	21.5	-2.7	1.6	-3.1	-1.6	3.1	-0.8
989	196	0.411	99.2	53.3	0.444	7.6	35	99.2	100	0.716	0.479	21.5	1.6	-2.3	-3	-1.6	3.1	-0.8
991.3	196	0.41	99.2	53.2	0.445	7.7	35.3	99.2	100	0.699	0.444	21.6	1.3	-2.2	-2.3	-2.3	1	-0.8
993.6	196	0.35	99.2	52.5	0.458	7.7	34.9	99.2	100	0.7	0.445	22	-2.3	3.9	-2.3	-2.3	-1.6	-0.8
995.9	196	0.251	99.2	52.5	0.484	7.7	33.7	99.2	101	0.699	0.444	22	-2.3	3.9	1.6	-2.1	0.4	-0.8
998.2	196	0.357	99.2	52.9	0.481	7.7	33.7	99.2	100	0.7	0.445	22	-0.6	3.7	1.6	-1.6	4.7	-0.8
1000.5	196	0.7	99.2	52.9	0.464	7.7	34.1	99.2	100	0.566	0.439	22	2.3	3.1	2	-1.6	4.5	-0.8
1002.8	196	0.702	99.2	52.9	0.465	7.7	34.1	99.2	100	0.31	0.424	22	2.3	2.4	3.1	-1.6	3.1	-0.8
1005.1	196	0.72	99.2	52.9	0.444	7.7	34.7	99.2	100	0.382	0.42	22	2.3	-1.6	3	-1.6	3.1	-0.8
1007.4	196	0.72	99.2	53.2	0.445	7.8	35.7	99.2	99	0.659	0.389	21.9	2.3	-1.6	1.6	-1.6	0.9	-0.8
1009.7	196	0.515	99.2	54.9	0.445	7.8	35.8	99.2	99	0.647	0.39	21.5	1.6	-0.3	1.6	-1.6	-2.3	-0.8
1012	196	0.136	99.2	54.9	0.444	7.7	36.1	99.2	101	0.425	0.424	21.5	1.6	1.6	1.6	-1.8	-2.3	-0.8
1014.3	194	0.127	99.2	53.7	0.437	7.7	36	99.2	100	0.425	0.425	21.7	2.1	2.2	1.6	-2.3	-2.3	-0.8
1016.6	194	0.096	99.2	53.7	0.389	7.5	34.1	99.2	100	0.513	0.417	22	3.1	3.9	1.7	-2.3	-1.9	-0.8
1018.9	194	0.098	99.2	53.2	0.39	7.5	34.1	99.2	99	0.719	0.389	22	3.1	3.4	2.3	-2.3	3.1	-0.8
1021.2	194	0.177	99.2	51.8	0.484	7.6	33.7	99.2	99	0.726	0.393	22	3.1	-1.6	2.1	-2.3	3.1	-0.8
1023.5	194	0.176	99.2	51.3	0.485	7.6	32.9	99.2	99	0.759	0.424	22	3.1	-1.6	-2.3	-2.6	3.6	-1
1025.8	194	0.294	99.2	46.7	0.477	7.5	32.6	99.2	99	0.76	0.425	22.5	1.3	0.8	-2.3	-3.1	4.7	-1.6
1028.1	194	0.625	99.2	46.7	0.444	6.9	29.8	99.2	99	0.522	0.425	22.5	-1.6	5.5	-0.6	-3.1	4	-1.6
1030.4	194	0.633	99.2	45.5	0.444	6.9	29.8	99.2	99	0.075	0.424	23.4	-1.6	5.4	4.7	-3.1	0	-1.6
1032.7	194	0.74	99.2	42.7	0.409	6.6	29.4	99.2	99	0.081	0.423	26	-1.6	4.7	4.7	-3.1	0	-1.6
1035	194	0.74	99.2	42.7	0.41	6.3	28.6	99.2	99	0.115	0.409	26	-1.4	4.7	4.7	-3.1	-1.3	-1.9
1037.3	194	0.713	99.2	42.4	0.426	6.5	29	99.2	99	0.141	0.41	26	2.3	2.3	4.7	-3.1	-3.1	-2.3
1039.6	194	0.66	99.2	42.4	0.464	7	30.6	99.2	99	0.779	0.409	26	2.3	2.3	4.1	-3.1	-2.7	-2.1
1041.9	194	0.556	99.2	43.6	0.456	7	30.6	99.2	99	0.78	0.41	24.6	1.5	2.3	3.1	-3.1	-1.6	-1.6
1044.2	194	0.176	99.2	45.1	0.409	7	29.8	99.2	99	0.727	0.42	22.5	0	2.3	1.9	-3.1	-1.7	-1.6
1046.5	194	0.245	99.2	36.5	0.414	6.8	29.8	99.2	99	0.625	0.445	25.8	0.5	1.3	-2.3	-3.1	-2.3	-2.3
1048.8	194	0.76	99.2	18.8	0.464	1.2	25	99.2	99	0.466	0.356	34.5	2.3	-3.1	-2.1	-2.9	-2.3	-2.3
1051.1	194	0.759	99.2	19.6	0.465	1.2	18	99.2	99	0.001	0.015	34.1	1.8	-3	-0.8	-0.8	-3.1	0.8
1053.4	194	0.117	99.2	22.4	0.346	1.9	19.4	99.2	99	0.051	0.026	32.5	-1.6	-1.6	-0.8	-0.8	-3.1	0.8
1055.7	194	0.115	99.2	22.5	0.155	3.4	23.1	99.2	99	0.37	0.155	32.5	-1.6	-1.6	-0.8	-1.8	-2.8	0.3
1058	194	0.331	99.2	23.5	0.167	3.4	23.2	99.2	99	0.38	0.155	32.5	0.9	-1.9	-0.8	-3.1	-2.3	-0.8
1060.3	194	0.76	99.2	23.6	0.195	3.6	23.5	99.2	99	0.779	0.163	32.5	3.9	-2.3	-1.1	-3.6	-1.9	-1.3
1062.6	192	0.643	99.2	29.4	0.218	3.7	23.6	99.2	99	0.78	0.175	31.5	4.2	-0.5	-1.6	-4.7	-0.8	-3.1
1064.9	192	0.231	99.2	29.4	0.329	4.4	25.1	99.2	99	0.741	0.223	30	4.7	3.9	-1.9	-4.7	-0.4	-3.1
1067.2	192	0.259	99.2	30.3	0.332	4.4	25.1	99.2	99	0.66	0.35	29.7	3.5	3.7	-4.7	-4.7	3.1	-2.3
1069.5	190	0.74	99.2	33.3	0.483	4	24.8	99.2	99	0.586	0.363	28.5	-3.1	2.3	-4.7	-4.7	3.1	-2.3
1071.8	190	0.74	99.2	33.3	0.484	3.2	23.9	99.2	99	0.076	0.483	28.5	-3.1	2.3	-4.7	-4.7	2.9	-2.3
1074.1	190	0.74	99.2	34.7	0.485	3.2	23.9	99.2	99	0.075	0.484	28.1	-3.1	1.9	-4.7	-4.7	0	-3.1
1076.4	190	0.7	99.2	38.8	0.493	4.1	25.1	99.2	99	0.077	0.484	26.5	-3.1	-3.1	-4.6	-4.7	0	-3.1
1078.7	190	0.7	99.2	38.9	0.505	5.9	28.2	99.2	99	0.096	0.464	26.5	-3.1	-3.1	-2.3	-4.4	0.8	-2.9
1081	190	0.586	99.2	39.6	0.495	5.9	28.3	99.2	99	0.095	0.465	26.5	-2.3	-1.1	-2.3	-3.9	2.3	-2.3
1083.3	190	0.311	99.2	39.6	0.464	6.1	28.6	99.2	99	0.095	0.494	26.5	-2.3	2.3	-0.9	-3.3	2.2	-2.1
1085.6	190	0.288	99.2	45.7	0.459	6.2	28.6	99.2	99	0.095	0.545	24.7	-1.1	1	2.3	-1.6	1.6	-0.8
1087.9	190	0.176	99.2	54.9	0.409	8	34.1	99.2	98	0.271	0.523	21.5	1.6	-3.1	1.3	-1.6	1.7	-0.8
1090.2	190	0.183	99.2	53.7	0.41	8	34.1	99.2	97	0.719	0.444	21.6	1.6	-3	-3.1	-1.6	2.3	-0.8
1092.5	190	0.586	99.2	50.2	0.416	7.7	32.6	99.2	97	0.72	0.442	22	1.6	-2.3	-3.1	-1.6	2.3	-0.8
1094.8	190	0.585	99.2	48.8	0.425	6.9	28.2	99.2	97	0.719	0.369	22.2	1.6	-2.3	-3.9	-2.8	1.8	-1.4

1097.1	190	0.605	99.2	27.5	0.408	6.3	27.6	99.2	97	0.72	0.37	30	0	-0.4	-3.9	-4.7	0.8	-3.1
1099.4	190	0.66	99.2	27.5	0.349	3.1	23.1	99.2	97	0.736	0.363	30	-2.3	3.1	-3.7	-4.7	1.1	-3.1
1101.7	190	0.665	99.2	32.2	0.358	3.2	23.1	99.2	97	0.76	0.35	28.7	-0.7	2	-3.1	-4.7	2.3	-3.1
1104	190	0.7	99.2	40.4	0.464	7.8	26.7	99.2	97	0.751	0.388	26	3.9	-2.3	-2.6	-4.4	2.1	-3.1
1106.3	190	0.7	99.2	42.2	0.465	7.9	32.5	99.2	97	0.719	0.564	25.4	3.9	-2.1	0.8	-1.6	-3.1	-2.2
1108.6	190	0.693	99.2	49.8	0.471	7.8	32.4	99.2	97	0.72	0.563	21.5	3.9	2.3	0.8	-1.6	-3.1	-0.8
1110.9	190	0.68	99.2	49.5	0.484	7.7	32.2	99.2	97	0.719	0.424	21.5	3.9	2.3	1.4	-1.8	-1.5	-0.8
1113.2	190	0.694	99.2	43.9	0.475	7.5	31.7	99.2	97	0.72	0.425	25.5	-1.9	2.5	2.3	-2.3	2.3	-0.8
1115.5	190	0.74	99.2	43.9	0.424	5.8	26.3	99.2	97	0.688	0.416	25.5	1.6	3.1	1.1	-2.7	2.3	-1
1117.8	190	0.699	99.2	39.2	0.424	5.8	26.3	99.2	97	0.625	0.39	26.6	1.7	3.3	-3.1	-4.7	2.3	-3.1
1120.1	190	0.157	99.2	27.8	0.389	5.2	25.8	99.2	97	0.593	0.39	30	2.3	4.7	-3.1	-4.7	2.3	-3.1
1122.4	190	0.155	99.2	28.5	0.39	4.2	24.7	99.2	97	0.445	0.389	29.9	2.3	4.7	-2.3	-4.7	2.6	-3.1
1124.7	190	0.302	99.2	34.9	0.408	4.4	24.9	99.2	97	0.445	0.39	28	2.6	2.2	-2.3	-4.7	3.1	-3.1
1127	190	0.64	99.2	34.9	0.464	5.2	26.3	99.2	97	0.545	0.415	28	3.1	-2.3	-1.2	-3.9	1.8	-2.8
1129.3	190	0.587	99.2	40.7	0.464	5.2	26.3	99.2	97	0.7	0.465	26.3	2.7	-1.4	1.6	-1.6	-3.9	-0.8
1131.6	190	0.211	99.2	52.2	0.444	7.8	29	99.2	97	0.563	0.465	22	1.6	2.3	1.6	-1.6	-3.9	-0.8
1133.9	190	0.21	99.2	51.1	0.445	7.8	33.7	99.2	97	0.075	0.464	22.1	1.6	2.3	1.6	-2.3	-1.6	-0.8
1136.2	190	0.299	99.2	45.5	0.434	7.6	33	99.2	97	0.099	0.465	22.5	1.6	3.1	1.6	-2.3	1.6	-0.8
1138.5	191	0.445	99.2	45.5	0.41	7.1	30.2	99.2	97	0.525	0.456	22.5	1.6	3.1	1.6	-2.6	1.6	-1
1140.8	192	0.394	99.2	46.7	0.413	7.1	30.2	99.2	97	0.525	0.445	22.5	1.3	1.2	1.6	-3.1	1.6	-1.6
1143.1	192	0.231	99.2	46.7	0.424	7.2	30.6	99.2	97	0.413	0.463	22.5	0.8	-3.1	0.9	-3	1.2	-1.5
1145.4	192	0.253	99.2	48.2	0.425	7.2	30.6	99.2	97	0.195	0.504	22.4	0.2	-3.1	-4.7	-2.3	-2.3	-0.8
1147.7	192	0.661	99.2	52.9	0.443	7.4	32.5	99.2	97	0.256	0.507	22	-3.1	-3.1	-4.7	-2.3	-2.3	-0.8
1150	192	0.66	99.2	52.9	0.444	7.8	37.6	99.2	97	0.604	0.524	22	-3.1	-3.1	-4.7	-2.2	-2.5	-0.8
1152.3	192	0.664	99.2	53.9	0.445	7.8	37.6	99.2	97	0.605	0.524	21.9	-3.4	-3	-4.7	-1.6	-4.7	-0.8
1154.6	192	0.76	99.2	56.5	0.484	7.9	37.4	99.2	97	0.563	0.52	21.5	-4.7	-2.3	-4.4	-1.6	-4.7	-0.8
1156.9	193	0.76	99.2	56.3	0.485	8.2	36.9	99.2	97	0.37	0.484	21.5	-4.5	-2.3	0	-1.6	-4.4	-0.8
1159.2	194	0.703	99.2	55.3	0.475	8.2	36.9	99.2	97	0.37	0.485	21.5	0.8	-2.9	0	-1.6	-3.9	-0.8
1161.5	194	0.585	99.2	55.3	0.444	8.1	36.9	99.2	97	0.508	0.458	21.5	0.8	-3.9	-1.5	-1.6	-2.8	-0.8
1163.8	194	0.509	99.2	54.9	0.445	8	36.9	99.2	97	0.7	0.41	21.7	-0.7	-3	-4.7	-1.6	1.6	-0.8
1166.1	194	0.116	99.2	54.1	0.444	5.9	25.9	99.2	97	0.695	0.406	22	-4.7	0	-4.7	-1.9	1.4	-0.8
1168.4	194	0.117	99.2	49.3	0.445	5.9	25.9	99.2	97	0.68	0.39	23.1	-4.6	-0.1	-4.7	-4.7	-2.3	-2.3
1170.7	194	0.76	99.2	33.7	0.445	6.4	27.4	99.2	97	0.611	0.394	28	-3.9	-1.6	-4.7	-4.7	-2.3	-2.3
1173	194	0.76	99.2	34.2	0.445	7.3	31.4	99.2	97	0.135	0.444	27.9	-3.9	-1.6	-3.9	-4.1	-0.9	-2.1
1175.3	194	0.552	99.2	38	0.435	6.9	30.3	99.2	97	0.135	0.445	27	-4.7	-0.3	-3.9	-3.1	1.6	-1.6
1177.6	194	0.116	99.2	38	0.41	5.3	24.7	99.2	97	0.35	0.432	27	-4.7	1.6	-3.6	-3.5	1.6	-1.7
1179.9	194	0.119	99.2	43.9	0.415	5.5	24.9	99.2	97	0.35	0.41	25.1	-2.2	1.6	-3.1	-4.7	1.6	-2.3
1182.2	194	0.136	99.2	52.2	0.444	7.5	34.9	99.2	97	0.282	0.435	22	3.1	1.6	-2.3	-4.4	1.1	-2.2
1184.5	194	0.151	99.2	53	0.445	7.5	34.9	99.2	97	0.115	0.524	21.9	1.9	1.6	1.6	-2.3	-3.9	-0.8
1186.8	194	0.486	99.2	55.3	0.484	7.6	35	99.2	97	0.115	0.518	21.5	-3.9	1.6	1.5	-2.3	-3.9	-0.8
1189.1	194	0.485	99.2	55.3	0.485	7.8	35.3	99.2	97	0.115	0.464	21.5	-3.9	1.6	0.8	-1.6	-3.2	-0.8
1191.4	194	0.583	99.2	55.3	0.478	7.6	34.1	99.2	97	0.118	0.465	21.5	-4.7	-3.9	0.8	-1.6	-2.3	-0.8
1193.7	194	0.74	99.2	54.5	0.465	7	29.8	99.2	97	0.175	0.456	21.5	-4.7	-3.9	0.5	-2.4	-1.3	-1.2
1196	194	0.699	99.2	36.9	0.445	7	30	99.2	97	0.175	0.445	24.1	-3.8	-3.4	0	-3.9	0.8	-2.3
1198.3	194	0.585	99.2	36.9	0.37	6.8	31.8	99.2	97	0.145	0.484	27.5	-2.3	-2.3	0.6	-3.5	1.1	-2.1
1200.6	194	0.598	99.2	42.6	0.377	6.9	31.8	99.2	97	0.095	0.564	25.8	-1.3	-2.3	2.3	-2.3	2.3	-0.8
1202.9	194	0.68	99.2	52.9	0.464	7.5	32.2	99.2	97	0.095	0.54	22	1.6	-2.3	2.3	-2.3	2.3	-0.8
1205.2	194	0.68	99.2	52.9	0.465	7.5	32.9	99.2	97	0.095	0.424	22	1.2	-2.3	2.3	-2.3	0.8	-0.8
1207.5	194	0.694	99.2	52.9	0.438	7.5	32.9	99.2	97	0.096	0.425	22	-3.1	-3.1	2.3	-2.3	0.8	-0.8
1209.8	194	0.72	99.2	52.9	0.37	7.5	32.9	99.2	97	0.116	0.444	22	-3.1	-3.1	2.3	-2.3	-0.2	-0.8
1212.1	194	0.631	99.2	53.7	0.38	7.5	32.9	99.2	97	0.115	0.445	22	-3.5	-3.3	2.3	-2.3	-3.1	-0.8
1214.4	194	0.136	99.2	54.9	0.484	7.5	34.5	99.2	97	0.265	0.445	22	-4.7	-3.9	1.3	-2.3	-3.1	-0.8
1216.7	194	0.142	99.2	54.8	0.485	7.5	34.5	99.2	97	0.66	0.444	22	-4.5	-3.4	-3.1	-2.3	-3.1	-0.8
1219	194	0.625	99.2	54.5	0.47	7.6	34.6	99.2	97	0.581	0.447	22	-3.1	1.6	-3.1	-2.3	-3.1	-0.8
1221.3	194	0.625	99.2	52.9	0.445	7.7	34.9	99.2	97	0.076	0.464	22.2	-3.1	1.6	-3.9	-2.3	-2	-1
1223.6	194	0.657	99.2	34.1	0.44	7.2	33.8	99.2	97	0.075	0.465	28	-1.9	-0.3	-3.9	-2.3	0	-1.6
1225.9	194	0.74	99.2	34.1	0.424	4.9	25.9	99.2	97	0.083	0.431	28	0	-3.9	-2	-2.7	-0.4	-1.7
1228.2	194	0.677	99.2	37.9	0.425	4.9	25.9	99.2	97	0.095	0.37	27.3	-0.6	-3.7	2.3	-3.9	-2.3	-2.3
1230.5	194	0.196	99.2	45.1	0.424	6.8	27.5	99.2	97	0.165	0.387	25.5	-2.3	-3.1	2.3	-3.9	-2.4	-2.3
1232.8	194	0.2	99.2	46.1	0.425	6.8	29.8	99.2	97	0.35	0.444	24.8	-1.6	-2.6	2.3	-3.9	-3.9	-2.3

1235.1	194	0.506	99.2	49.4	0.425	7	30.2	99.2	97	0.406	0.444	22	2.3	2.3	2.3	-3.9	-3.9	-2.3
1237.4	194	0.505	99.2	49.3	0.425	7.5	31.4	99.2	97	0.739	0.424	22	2.3	2.3	1.6	-3.3	-2.3	-1.9
1239.7	194	0.412	99.2	48.6	0.425	7.4	31.2	99.2	97	0.74	0.425	22	0.1	2.3	1.6	-2.3	0.8	-0.8
1242	194	0.156	99.2	48.6	0.424	7	29.8	99.2	97	0.565	0.425	22	-3.1	2.3	2	-2.3	0.1	-0.9
1244.3	194	0.153	99.2	45	0.425	7	29.8	99.2	97	0.25	0.425	23.4	-2	2.4	3.1	-2.3	-3.1	-1.6
1246.6	194	0.137	99.2	37.6	0.424	6.3	28.6	99.2	97	0.218	0.425	27	1.6	3.1	3	-2.4	-3.1	-1.6
1248.9	194	0.135	99.2	37.6	0.425	5.2	26.3	99.2	97	0.075	0.424	27	1.7	3.1	2.3	-3.9	-0.8	-1.9
1251.2	194	0.307	99.2	37.3	0.431	5.5	27	99.2	97	0.076	0.425	27	3.1	3.1	2.3	-3.9	2.3	-2.3
1253.5	194	0.64	99.2	37.7	0.445	6.5	29.8	99.2	97	0.096	0.467	27	3.1	3.1	2.3	-3.6	2.5	-2.1
1255.8	194	0.666	99.2	47.8	0.442	6.5	29.8	99.2	97	0.095	0.525	25.2	2.6	1.3	2.3	-3.1	3.1	-1.6
1258.1	194	0.76	99.2	47.8	0.424	6.5	29.8	99.2	97	0.318	0.508	22.5	1.6	-3.1	1.2	-3.1	2.5	-1.6
1260.4	194	0.747	99.2	47.4	0.425	6.5	29.8	99.2	97	0.76	0.465	22.5	1.6	-2.4	-2.3	-3.1	-2.3	-1.6
1262.7	194	0.506	99.2	46.3	0.454	6.5	29.8	99.2	97	0.756	0.458	22.5	1.6	1.6	-2.3	-3.1	-2.3	-1.6
1265	194	0.512	99.2	46.2	0.485	6.6	29.8	99.2	97	0.74	0.425	22.6	1.6	1.2	-2.3	-3.1	-2.3	-1.6
1267.3	194	0.76	99.2	45.9	0.454	6.5	29.6	99.2	97	0.746	0.433	23	1.6	-3.1	-2.3	-3.1	-2.3	-1.6
1269.6	194	0.76	99.2	46.5	0.41	6.3	29	99.2	97	0.779	0.504	22.9	1.6	-3.1	-2.3	-3.9	-2.6	-1.6
1271.9	194	0.551	99.2	51	0.425	6.5	29.5	99.2	97	0.78	0.505	22	-0.2	-0.8	-2.3	-3.9	-3.1	-1.6
1274.2	194	0.175	99.2	51	0.465	7.1	32.2	99.2	97	0.799	0.479	22	-2.3	2.3	-0.8	-3.4	-3.1	-1.6
1276.5	194	0.301	99.2	51.4	0.461	7.1	32.1	99.2	97	0.8	0.445	22	-0.2	0.7	1.6	-2.3	-3.1	-1.6
1278.8	194	0.625	99.2	51.4	0.444	6.7	30.6	99.2	97	0.61	0.445	22	3.1	-2.3	0	-2.7	-2.2	-1.7
1281.1	194	0.597	99.2	43.1	0.445	6.7	30.6	99.2	97	0.31	0.445	24.4	0.9	-2.5	-3.9	-3.9	1.6	-2.3
1283.4	194	0.411	99.2	27.8	0.444	4.2	28.3	99.2	97	0.405	0.435	30	-5.5	-3.1	-3.8	-4	1.5	-2.3
1285.7	194	0.41	99.2	29.8	0.445	4.2	24.7	99.2	97	0.719	0.389	29.5	-5	-3.1	-3.1	-4.7	-2.3	-2.3
1288	194	0.523	99.2	38.4	0.438	4.3	25	99.2	97	0.723	0.391	26	1.6	-2.3	-3.1	-4.7	-2.3	-2.3
1290.3	194	0.7	99.2	37.3	0.425	4.7	26.3	99.2	97	0.759	0.464	26	1.6	-2.3	-4.4	-3.6	-1.4	-1.2
1292.6	194	0.719	99.2	10.7	0.436	4.2	25.7	99.2	97	0.76	0.465	27.7	-3.2	-4.3	-6.3	-1.6	0.8	2.3
1294.9	194	0.78	99.2	10.6	0.484	1.2	18	99.2	97	0.747	0.477	30	-11.7	-8.6	-7	-1.2	-0.1	2.3
1297.2	194	0.744	99.2	12.9	0.484	1.2	18	99.2	99	0.72	0.504	28	-12.4	-8.5	-9.4	0.8	-6.3	2.3
1299.5	194	0.371	99.2	18	0.444	1.1	18	99.2	99	0.724	0.5	22.5	-14.8	-7.8	-9.5	0.8	-6.3	2.3
1301.8	194	0.37	99.2	17.2	0.445	1.1	18	99.2	99	0.739	0.464	22.2	-14.5	-7.8	-10.2	0.8	-6.9	2.3
1304.1	194	0.275	99.2	12.6	0.445	1.1	17.7	99.2	99	0.734	0.465	19	-7	-8.8	-10.2	0.8	-7.8	2.3
1306.4	194	0.096	99.2	12.5	0.445	0.8	16.5	99.2	99	0.565	0.457	19	-7	-10.2	-9.6	0.8	-7.4	2.3
1308.7	194	0.128	99.2	14	0.442	0.8	16.5	99.2	99	0.565	0.445	18.8	-8	-9.8	-8.6	0.8	-6.3	2.3
1311	194	0.271	99.2	16.1	0.424	0.8	16.5	99.2	99	0.571	0.445	18.5	-10.2	-8.6	-7.3	0.8	-6.2	2.3
1313.3	194	0.276	99.2	21.7	0.425	0.8	16.5	99.2	99	0.585	0.445	18.2	-8.7	-7.7	-1.6	0.8	-5.5	2.3
1315.6	194	0.426	99.2	36.5	0.444	3	24.6	99.2	99	0.497	0.449	17	-1.6	0	-1.4	0.8	-5.5	2.3
1317.9	194	0.425	99.2	40	0.445	6.7	41.6	99.2	99	0.055	0.484	17.3	-1.5	0	1.6	-2.3	-4.5	1.2
1320.2	194	0.538	99.2	59.2	0.468	6.9	40.1	99.2	99	0.058	0.485	19.5	0	-1.7	1.6	-2.3	-3.1	-0.8
1322.5	194	0.74	99.2	59.2	0.524	7.6	33.7	99.2	102	0.195	0.485	19.5	0	-3.9	1.3	-2.1	-1.7	-0.8
1324.8	194	0.62	99.2	61.6	0.515	7.9	34.1	99.2	102	0.195	0.485	19.7	-1.3	-4.1	0.8	-1.6	2.3	-0.8
1327.1	194	0.176	99.2	61.6	0.464	10.1	44.2	99.2	102	0.347	0.504	20	-3.9	-4.7	-0.5	-1.7	2	-0.9
1329.4	194	0.192	99.2	61	0.465	10.1	44.3	99.2	102	0.7	0.564	20	-3	-4.5	-6.3	-2.3	-1.6	-2.3
1331.7	194	0.72	99.2	59.2	0.377	10.3	43.5	99.2	102	0.622	0.552	20	1.6	-3.1	-6.2	-2.3	-1.6	-2.3
1334	194	0.72	99.2	59	0.25	10.5	41.6	99.2	102	0.21	0.444	20	1.6	-3.1	-3.9	-1.6	0.1	-1.8
1336.3	194	0.53	99.2	57.3	0.336	10.3	40.2	99.2	102	0.21	0.445	20	1.3	-3.7	-3.9	-1.6	3.1	-0.8
1338.6	194	0.096	99.2	57.3	0.584	9.4	32.5	99.2	102	0.39	0.403	20	0.8	-4.7	-3.9	-2.2	2.8	-1
1340.9	194	0.104	99.2	50.3	0.568	9.2	32.5	99.2	102	0.39	0.33	22.3	0.8	-2.8	-3.9	-3.9	1.6	-2.3
1343.2	194	0.156	99.2	38.4	0.409	5.5	30.6	99.2	102	0.341	0.318	27	0.8	3.9	-3.3	-3.8	1.7	-2.3
1345.5	194	0.155	99.2	40.2	0.41	5.5	27.8	99.2	102	0.195	0.27	26.3	0.5	3.8	0	-3.1	3.1	-1.6
1347.8	194	0.148	99.2	47.5	0.428	5.8	28.3	99.2	102	0.221	0.27	22.5	-3.1	2.3	0	-3.1	3.1	-1.6
1350.1	194	0.136	99.2	47.5	0.465	6.6	30.2	99.2	102	0.739	0.424	22.5	-3.1	2.3	-1.2	-2.8	1.7	-1.6
1352.4	194	0.15	99.2	50.6	0.468	6.7	30.5	99.2	102	0.74	0.425	22.3	-1.8	1.1	-3.1	-2.3	-2.3	-1.6
1354.7	194	0.211	99.2	50.6	0.484	7.9	36.1	99.2	102	0.559	0.45	22	0.8	-2.3	-2.3	-2.2	-1.8	-1.6
1357	194	0.21	99.2	51.5	0.485	7.9	36.1	99.2	102	0.115	0.524	21.9	0.2	-2	0.8	-1.6	2.3	-0.8
1359.3	194	0.188	99.2	54.5	0.471	7.8	35.5	99.2	102	0.115	0.521	21.5	-3.9	1.6	0.8	-1.6	2.3	-0.8
1361.6	194	0.155	99.2	54.1	0.445	7.7	33.7	99.2	100	0.115	0.444	21.5	-3.9	1.6	0.8	-1.9	2.3	-1
1363.9	194	0.155	99.2	43.1	0.438	7.5	33.3	99.2	100	0.115	0.445	25.5	-3.6	2.1	0.8	-2.3	2.3	-1.6
1366.2	194	0.156	99.2	43.1	0.409	6.4	29	99.2	101	0.277	0.445	25.5	-3.1	3.1	-0.2	-2.3	1.8	-1.5
1368.5	194	0.178	99.2	44.7	0.41	6.4	29	99.2	100	0.585	0.445	24.8	-2.6	2.3	-3.1	-2.3	-0.8	-0.8
1370.8	194	0.7	99.2	48.6	0.369	6.7	29.6	99.2	100	0.608	0.438	22.5	0	-3.1	-3.1	-2.3	-0.8	-0.8

1373.1	194	0.7	99.2	48.6	0.37	7.1	31	99.2	100	0.719	0.389	22.5	0	-3.1	-3.1	-2.3	-0.8	-1.1
1375.4	196	0.713	99.2	48.6	0.375	7.2	31	99.2	100	0.716	0.39	22	-3.1	-0.7	-3.1	-2.3	-0.8	-1.6
1377.7	196	0.74	99.2	48.6	0.39	7.3	31	99.2	101	0.545	0.404	22	-3.1	3.1	-3.1	-2.3	0.2	-1.4
1380	196	0.747	99.2	47.1	0.397	7.4	31	99.2	100	0.545	0.425	21.8	-1.9	2.1	-3.1	-2.3	3.1	-0.8
1382.3	196	0.78	99.2	47.1	0.444	7.9	31	99.2	100	0.417	0.429	21.5	0.8	-0.8	-3.1	-2.2	2.6	-0.8
1384.6	196	0.779	99.2	47.7	0.445	7.9	31	99.2	100	0.095	0.444	21.4	0.7	-0.9	-3.1	-1.6	-1.6	-0.8
1386.9	196	0.72	99.2	49.4	0.437	7.2	29.8	99.2	100	0.093	0.446	21	0	-1.6	-3.1	-1.6	-1.6	-0.8
1389.2	196	0.72	99.2	48.2	0.425	5.7	26.7	99.2	100	0.076	0.464	21	0	-1.6	0	-2.5	-2.1	-0.6
1391.5	196	0.543	99.2	11.1	0.347	5	25.8	99.2	100	0.075	0.465	23.9	0	-1.1	0	-3.9	-3.1	0
1393.8	196	0.056	99.2	11	0.055	1.1	18	99.2	101	0.32	0.363	28	0	0	-0.5	-3.3	-2.6	0
1396.1	196	0.071	99.2	17.8	0.06	1.1	18	99.2	102	0.76	0.115	26.7	0	0.3	-2.3	-0.8	0.8	0
1398.4	196	0.251	99.2	32.9	0.195	2.6	19.1	99.2	102	0.767	0.123	23	0	1.6	-2.7	-0.8	0.8	0
1400.7	196	0.25	99.2	34.3	0.195	4.9	21.2	99.2	100	0.799	0.175	22.8	0	1.6	-7.8	-0.8	0.2	0.5
1403	196	0.424	99.2	43.1	0.21	4.9	22.3	99.2	100	0.8	0.175	20.5	0.8	-0.9	-7.8	-0.8	-0.8	1.6
1405.3	196	0.78	99.2	43.1	0.25	4.7	27.8	99.2	102	0.799	0.195	20.5	0.8	-4.7	-5.6	-1.6	0.1	0.9
1407.6	196	0.676	99.2	49	0.287	4.9	28	99.2	102	0.8	0.23	19.7	0.1	-3.2	-0.8	-3.9	3.1	-2.3
1409.9	196	0.176	99.2	58	0.544	7	37.3	99.2	102	0.784	0.296	18	-1.6	1.6	-1.3	-3.8	3	-2.3
1412.2	196	0.175	99.2	57.1	0.545	7	37.3	99.2	102	0.739	0.544	18.5	-1.4	1.3	-3.9	-3.1	0.8	-2.3
1414.5	196	0.403	99.2	53.7	0.532	5.8	33.7	99.2	102	0.713	0.543	21	0.8	-3.9	-3.9	-3.1	0.8	-2.3
1416.8	196	0.76	99.2	53.4	0.505	3.1	22	99.2	102	0.39	0.484	21	0.8	-3.9	-4.5	-2.3	-0.1	-1.2
1419.1	194	0.607	99.2	43.5	0.498	3.1	22.2	99.2	102	0.39	0.485	20.4	1.1	-2.7	-5.5	-0.8	-2.3	2.3
1421.4	194	0.076	99.2	43.5	0.464	3.7	24.3	99.2	103	0.332	0.467	19.5	1.6	0	-3.8	-1.4	-2.5	1.9
1423.7	194	0.075	99.2	42.3	0.453	3.7	24.3	99.2	104	0.23	0.425	19.5	0.7	0.5	1.6	-3.9	-3.9	-3.1
1426	194	0.076	99.2	39.6	0.21	2.6	23.6	99.2	104	0.342	0.419	19.5	-2.3	3.1	1.5	-4	-3.8	-3.1
1428.3	194	0.075	99.2	40.3	0.21	2.6	22.4	99.2	104	0.7	0.39	19.5	-2.1	3.2	0.8	-4.7	-1.6	-3.1
1430.6	194	0.211	99.2	42.7	0.27	3.4	26.3	99.2	104	0.619	0.406	19.5	-0.8	3.9	0.8	-4.7	-1.6	-3.1
1432.9	194	0.39	99.2	44.3	0.37	5	37.3	99.2	104	0.095	0.604	19.4	-0.8	3.9	-2.3	-4.1	-1.8	-2.6
1435.2	194	0.296	99.2	58	0.406	5.3	37.1	99.2	104	0.095	0.605	17.5	-0.1	2.8	-2.3	-3.1	-2.3	-1.6
1437.5	194	0.076	99.2	58	0.524	6.6	35.7	99.2	104	0.116	0.548	17.5	0.8	0.8	-2.6	-3.1	-2.7	-1.6
1439.8	194	0.097	99.2	57.9	0.512	6.6	35.7	99.2	104	0.115	0.445	18	1.2	1.1	-3.1	-3.1	-3.9	-1.6
1442.1	194	0.231	99.2	57.6	0.369	6.7	35.5	99.2	104	0.234	0.445	19	2.3	2.3	-2.4	-3.1	-3.9	-1.6
1444.4	194	0.23	99.2	57.3	0.37	6.8	35.3	99.2	104	0.565	0.444	19.1	1.9	2.3	1.6	-3.1	-3.1	-1.6
1446.7	194	0.428	99.2	56.1	0.356	6.6	34	99.2	104	0.547	0.445	20	-1.6	3.9	1.6	-3.1	-3.1	-1.6
1449	194	0.74	99.2	54.9	0.33	6.2	29.4	99.2	104	0.31	0.484	20	-1.6	3.9	1.3	-2.5	-0.7	-1
1451.3	194	0.606	99.2	17	0.307	5.7	28.7	99.2	104	0.31	0.485	22.6	-1.6	2.8	0	-0.8	7.8	1.6
1453.6	194	0.017	99.2	16.9	0.175	0.8	16.5	99.2	104	0.222	0.365	28	-1.6	-0.8	0	-0.8	7.8	1.6
1455.9	194	0.016	99.2	16.6	0.175	0.8	16.5	99.2	104	0.001	0	28	-1.6	-0.8	0	-0.8	4.4	1.8
1458.2	194	0.19	99.2	9.9	0.164	0.8	16.6	99.2	104	0	0	21	-2.5	-1.5	0	-0.8	-4.7	2.3
1460.5	194	0.72	99.2	9.8	0.115	1.1	18	99.2	104	0.296	0.044	21	-3.9	-3.1	0.2	0.8	-4.2	2.3
1462.8	194	0.695	99.2	28.1	0.123	1.2	18	99.2	104	0.78	0.135	18	-3.1	-3	0.8	0.8	-1.6	2.3
1465.1	194	0.506	99.2	61.2	0.27	9.7	31.1	99.2	104	0.604	0.188	11	-0.8	-2.3	1.1	0.6	-1.6	2.3
1467.4	194	0.505	99.2	61.3	0.27	9.7	51	99.2	104	0.075	0.39	12.4	-0.5	-2	3.1	-1.6	-2.3	1
1469.7	194	0.605	99.2	61.6	0.388	10.9	48.4	99.2	104	0.084	0.417	19	1.6	1.6	2.9	-1.6	-2.3	-0.8
1472	194	0.74	99.2	61.6	0.585	13.4	41.2	99.2	106	0.155	0.759	19	1.6	1.6	-6.3	-1.6	-2.1	-0.8
1474.3	194	0.563	99.2	61.2	0.557	13.1	41.3	99.2	106	0.155	0.76	19.5	1.6	1.6	-6.3	-1.6	-1.6	-0.8
1476.6	194	0.116	99.2	61.2	0.465	11.4	41.6	99.2	106	0.23	0.674	19.5	1.6	1.6	-4.4	-1.6	-2.1	-0.8
1478.9	194	0.159	99.2	61.5	0.473	11.5	41.6	99.2	106	0.35	0.505	19.3	0.2	0.6	0	-1.6	-3.9	-0.8
1481.2	194	0.426	99.2	62	0.544	12.6	40.6	99.2	105	0.396	0.488	19	-3.9	-3.1	0.5	-1.6	-3.5	-0.8
1483.5	194	0.436	99.2	60	0.545	12.6	39.2	99.2	104	0.525	0.425	16.4	-3.5	-3.1	3.1	-1.6	0.8	-0.8
1485.8	194	0.7	99.2	54.5	0.65	11.4	37.4	99.2	104	0.476	0.447	6.5	-0.8	-3.1	3.1	-1.6	0.8	-0.8
1488.1	194	0.7	99.2	49.9	0.8	9.1	33.3	99.2	104	0.175	0.659	8.8	-0.9	-3.1	2.3	-1.6	-0.1	-0.8
1490.4	194	0.546	99.2	23.1	0.779	8	31.8	99.2	104	0.183	0.66	32	-2.3	-1.9	2.3	-1.6	-1.6	-0.8
1492.7	194	0.231	99.2	23.1	0.719	4.1	24.3	99.2	104	0.739	0.66	32	-2.3	0	3.1	-2.5	-1.2	-1.1
1495	196	0.295	99.2	26.7	0.72	4.1	24.3	99.2	104	0.74	0.66	30.3	-1.9	1.1	4.7	-4.7	0	-2.3
1497.3	196	0.64	99.2	32.5	0.719	4.8	27.8	99.2	104	0.711	0.648	27	-0.8	4.7	4.4	-4.5	0.2	-2.3
1499.6	196	0.64	99.2	37.5	0.72	4.8	27.8	99.2	104	0.625	0.604	25.9	-1	4.6	3.1	-3.1	3.1	-1.6
1501.9	196	0.694	99.2	55.7	0.713	5.3	29.2	99.2	104	0.584	0.604	20	-2.3	3.1	3.1	-3.1	3.1	-1.6
1504.2	196	0.78	99.2	55.8	0.699	6.7	34.1	99.2	104	0.075	0.524	20	-2.3	3.1	1	-3.1	1.3	-1.6
1506.5	196	0.618	99.2	56.9	0.696	6.7	34.2	99.2	104	0.075	0.525	19.4	-0.9	3.1	-2.3	-3.1	-3.1	-1.6
1508.8	196	0.096	99.2	56.9	0.679	6.8	34.9	99.2	103	0.123	0.495	18.5	1.6	3.1	-1.2	-3.1	-2.3	-1.6

1511.1	196	0.132	99.2	54.2	0.679	6.8	34.9	99.2	102	0.21	0.425	19.5	1.7	2.1	2.3	-3.1	1.6	-1.6
1513.4	196	0.486	99.2	48.6	0.659	6.1	31.2	99.2	102	0.202	0.432	22	2.3	-3.1	1.9	-3	1.5	-1.6
1515.7	196	0.485	99.2	41.2	0.66	5.2	25.1	99.2	102	0.175	0.464	22.6	2	-2.9	-0.8	-1.6	-2.3	0
1518	196	0.284	99.2	12.2	0.417	3.8	22.9	99.2	102	0.155	0.448	25.5	0	0	-0.8	-1.6	-2.3	2.3
1520.3	196	0	99.2	12	0	0.8	16.5	99.2	104	0.001	0	25.4	0	0	-0.5	-1.6	-2.3	2.3
1522.6	196	0	99.2	9.5	0	0.8	16.6	99.2	104	0	0	21.5	0	0	0	-1.6	-2.3	2.3
1524.9	196	0.001	99.2	9.4	0	0.9	18	99.2	104	0.042	0.031	21.5	0	0	-0.8	0.5	-0.5	2.2
1527.2	196	0.063	99.2	22.5	0.006	0.9	18	99.2	104	0.115	0.095	20.9	0	0.3	-3.1	-0.8	-3.1	1.6
1529.5	196	0.74	99.2	50.2	0.175	1.2	18.4	99.2	104	0.131	0.104	19.5	0	1.6	-3.2	-0.8	-3.1	1.6
1531.8	196	0.74	99.2	50.3	0.175	1.7	19.2	99.2	104	0.195	0.155	19.4	0.2	1.5	-3.9	-1.6	-2.3	0.1
1534.1	196	0.747	99.2	50.6	0.212	2.6	21.4	99.2	104	0.227	0.155	18.5	3.1	-1.6	-3.9	-1.6	-2.3	-2.3
1536.4	196	0.76	99.2	50.6	0.29	4.8	28.6	99.2	104	0.639	0.175	18.5	3.1	-1.6	-0.6	-2.6	-0.3	-2.3
1538.7	194	0.619	99.2	38.7	0.307	4.6	28.3	99.2	104	0.64	0.175	21.1	0.4	-0.4	4.7	-4.7	4.7	-2.3
1541	194	0.076	99.2	22.7	0.41	2.2	20.8	99.2	104	0.68	0.196	25.5	-5.5	3.1	2.9	-3.8	4.1	-2
1543.3	194	0.075	99.2	19.6	0.41	2.2	20.8	99.2	104	0.76	0.25	25.6	-4.4	3	-3.1	0.8	-0.8	2.3
1545.6	194	0.076	99.2	12.2	0.409	1.9	20.1	99.2	104	0.731	0.25	26	0	2.3	-3.2	0.7	-0.8	2.3
1547.9	194	0.075	99.2	15.1	0.41	1.4	18.8	99.2	104	0.625	0.25	25.7	0.1	2.1	-3.9	-0.8	0.8	2.3
1550.2	194	0.109	99.2	28.2	0.437	2.7	24.2	99.2	104	0.566	0.272	24	1.6	-1.6	-3.9	-0.8	0.8	2.3
1552.5	194	0.155	99.2	31.4	0.485	5.5	38.8	99.2	104	0.095	0.659	23.8	1.6	-1.6	-2.3	-1.4	1.3	1.2
1554.8	194	0.149	99.2	61.6	0.509	5.8	39	99.2	104	0.095	0.66	17.5	2.2	-0.2	-2.3	-2.3	2.3	-1.6
1557.1	194	0.136	99.2	61.6	0.584	7.2	40	99.2	104	0.372	0.653	17.5	3.1	2.3	-3.1	-1.9	0.6	-1
1559.4	194	0.22	99.2	60.1	0.583	7.1	40	99.2	104	0.78	0.64	17.3	2.3	0.7	-4.7	-0.8	-5.5	2.3
1561.7	194	0.74	99.2	57.6	0.564	5.4	35.3	99.2	104	0.615	0.621	17	0	-4.7	-3.3	-1.2	-5.3	2.3
1564	194	0.74	99.2	53.1	0.565	5.4	28.2	99.2	104	0.115	0.544	17.7	0.4	-4.4	3.9	-4.7	-0.8	-2.3
1566.3	194	0.748	99.2	34.5	0.551	4.4	26.3	99.2	104	0.141	0.541	21.5	4.7	3.9	3.9	-4.7	-0.8	-2.3
1568.6	194	0.76	99.2	34.2	0.525	2	20	99.2	104	0.425	0.444	21.5	4.7	3.9	4.9	-3.3	1.1	-1.1
1570.9	194	0.592	99.2	22.4	0.472	2	20	99.2	104	0.425	0.445	23.4	3	2.9	6.3	-0.8	5.5	2.3
1573.2	194	0.096	99.2	22.4	0.25	2	20.4	99.2	104	0.33	0.423	26	0	0.8	5.7	-1	4.4	2.1
1575.5	194	0.095	99.2	24.1	0.251	2	20.4	99.2	104	0.155	0.37	25	0.8	0.6	3.9	-1.6	-1.6	0.8
1577.8	194	0.096	99.2	27.8	0.29	2.1	20.7	99.2	104	0.238	0.366	22	3.9	-0.8	3.9	-1.6	-1.6	0.8
1580.1	194	0.095	99.2	30	0.29	2.2	21.2	99.2	104	0.66	0.33	21.8	3.9	-0.8	4.7	-0.8	0.1	1.3
1582.4	194	0.291	99.2	49.8	0.327	3	22.7	99.2	104	0.66	0.33	18.5	2.3	-1.4	4.7	-0.8	3.1	2.3
1584.7	194	0.74	99.2	49.8	0.445	6	31.8	99.2	104	0.463	0.417	18.5	2.3	-2.3	4.5	-1.5	2.9	1.7
1587	192	0.742	99.2	53.3	0.45	6	31.8	99.2	104	0.155	0.585	18.2	2.5	-2.3	3.9	-3.9	2.3	-1.6
1589.3	192	0.76	99.2	60.8	0.544	7	34.7	99.2	104	0.266	0.585	17.5	3.1	-2.3	3.2	-3.8	2.3	-1.6
1591.6	192	0.76	99.2	60.5	0.545	7	40.4	99.2	106	0.759	0.584	17.6	3.1	-2.3	-3.9	-2.3	2	-1.6
1593.9	192	0.754	99.2	58.8	0.513	6.5	38.1	99.2	106	0.76	0.585	19	0	-3.2	-3.9	-2.3	1.6	-1.6
1596.2	192	0.74	99.2	58.8	0.425	4.3	24.3	99.2	106	0.659	0.532	19	0	-4.7	-4.4	-2.1	1.1	-1.5
1598.5	192	0.716	99.2	45.4	0.418	4.3	24.4	99.2	106	0.66	0.445	20.8	-0.3	-3.1	-5.5	-1.6	-0.8	-0.8
1600.8	192	0.605	99.2	26.3	0.37	4.5	27.1	99.2	106	0.654	0.418	24	-0.8	1.6	-5.2	-1.5	-0.5	-0.7
1603.1	193	0.592	99.2	24.4	0.37	4.5	27.1	99.2	106	0.64	0.33	24.5	-0.4	1.8	-2.3	-0.8	3.1	2.3
1605.4	194	0.097	99.2	17	0.358	3.7	25.2	99.2	106	0.656	0.327	27	2.3	3.9	-2.3	-0.8	3.1	2.3
1607.7	194	0.096	99.2	16.9	0.33	1.6	19.2	99.2	106	0.779	0.289	27	2.3	3.9	-2.3	-0.7	3.1	2.3
1610	194	0.095	99.2	16.2	0.33	1.6	19.2	99.2	106	0.78	0.29	26.6	1.9	3.9	-2.3	0.8	1.6	2.3
1612.3	194	0.203	99.2	13.3	0.27	1.4	19.7	99.2	106	0.77	0.293	24.5	-1.6	3.9	-2.3	0.8	1.6	2.3
1614.6	194	0.37	99.2	15	0.155	1.1	21.2	99.2	106	0.679	0.35	24.4	-1.6	3.9	-0.7	-0.9	0.1	1.5
1616.9	194	0.304	99.2	42.4	0.17	1.4	21.3	99.2	106	0.68	0.35	20	-1.6	3.6	1.6	-3.9	-3.1	-0.8
1619.2	194	0.096	99.2	42.4	0.23	3.3	22	99.2	106	0.701	0.372	20	-1.6	3.1	1.8	-3.3	-2.7	-0.6
1621.5	193	0.116	99.2	37.3	0.23	3.3	22	99.2	106	0.74	0.425	20.7	-1.3	2.6	2.3	-0.8	0	2.3
1623.8	192	0.506	99.2	25.5	0.255	3.9	24.2	99.2	106	0.744	0.447	23	0	-0.8	1.9	-0.9	0	2.3
1626.1	192	0.505	99.2	29.3	0.29	5	28.6	99.2	106	0.759	0.604	22.6	-0.1	-0.8	-3.1	-4.7	-0.9	0.6
1628.4	192	0.58	99.2	50.2	0.347	4.4	27.3	99.2	106	0.759	0.605	19.5	-1.6	-1.6	-3.1	-4.7	-2.3	-2.3
1630.7	192	0.74	99.2	50.2	0.505	2.5	21.2	99.2	106	0.679	0.576	19.5	-1.6	-1.6	-3.4	-3.7	-1.4	-1.5
1633	192	0.653	99.2	39.6	0.5	2.4	21.2	99.2	106	0.68	0.525	21.5	-1.8	-0.8	-3.9	-0.8	1.6	2.3
1635.3	192	0.116	99.2	22.7	0.444	1.1	19.2	99.2	106	0.713	0.507	25.5	-2.3	2.3	-3.6	-0.8	1.6	2.3
1637.6	192	0.115	99.2	23.9	0.445	1.1	16.1	99.2	106	0.819	0.425	25	-2.5	1.8	-1.6	-0.8	2.3	2.3
1639.9	192	0.189	99.2	28.2	0.459	2.2	19	99.2	106	0.761	0.425	22.5	-3.9	-6.3	-1.6	-0.8	2.3	2.3
1642.2	192	0.29	99.2	28.5	0.485	4.5	27.5	99.2	106	0.075	0.41	22.5	-3.9	-6.3	-2.6	-2.4	2.6	0.8
1644.5	192	0.452	99.2	32.2	0.434	3.8	26	99.2	106	0.075	0.41	22	-3.2	-5	-3.9	-4.7	3.1	-3.1
1646.8	192	0.76	99.2	31.6	0.31	1.5	19.2	99.2	106	0.075	0.434	22	-2.3	-3.1	-2.4	-3.4	1.8	-1.8

1649.1	192	0.725	99.2	16.9	0.264	1.4	19	99.2	106	0.075	0.465	24.2	-0.5	0.5	0	-0.8	-1.6	2.3
1651.4	192	0.625	99.2	16.9	0.095	0.8	17.6	99.2	106	0.075	0.446	27	2.3	7.8	-0.7	-0.8	-0.3	2.2
1653.7	192	0.591	99.2	26.1	0.104	0.9	17.6	99.2	106	0.075	0.41	24.7	2.1	5.8	-2.3	-0.8	4.7	1.6
1656	192	0.371	99.2	43.1	0.195	3.1	23.5	99.2	106	0.08	0.406	19.5	1.6	-1.6	-1.5	-1	4.5	1.6
1658.3	192	0.37	99.2	45.4	0.195	3.1	23.5	99.2	106	0.095	0.39	19.2	1.6	-1.6	3.1	-3.1	-0.8	0.3
1660.6	192	0.323	99.2	56.1	0.326	4.6	29.7	99.2	106	0.095	0.396	17.5	1.6	-0.8	3.1	-3.1	-0.8	-1.6
1662.9	192	0.25	99.2	55.5	0.585	8.1	49	99.2	106	0.095	0.584	17.5	1.6	-0.8	2.8	-2.6	-1.5	-1.4
1665.2	192	0.211	99.2	45.1	0.585	7.2	46.1	99.2	106	0.095	0.585	22.5	1	-2.6	2.3	-1.6	-3.1	-0.8
1667.5	192	0.096	99.2	45.1	0.584	1.5	18.8	99.2	106	0.368	0.646	22.5	0	-6.3	1.5	-1.7	-3.2	-1
1669.8	190	0.194	99.2	32.7	0.572	1.5	18.8	99.2	106	0.835	0.779	24.4	0	-5	-0.8	-2.3	-3.9	-2.3
1672.1	190	0.82	99.2	10.6	0.424	1.2	17.8	99.2	106	0.63	0.776	28.5	0	0	-0.9	-2.3	-4	-2.3
1674.4	190	0.819	99.2	22.6	0.425	1.2	16.5	99.2	106	0.035	0.759	27	0	-0.4	-1.6	-2.3	-5.5	-0.8
1676.7	190	0.8	99.2	57.6	0.516	3.6	23.5	99.2	106	0.138	0.745	21.5	0	-3.9	-1.7	-2.3	-5.5	-0.8
1679	190	0.8	99.2	57.2	0.64	7.8	38.8	99.2	106	0.66	0.604	21.5	-0.1	-3.9	-3.9	-3.9	-6.1	-1.3
1681.3	190	0.728	99.2	54.5	0.64	7.5	36.5	99.2	106	0.663	0.605	21.5	-3.1	-4.2	-3.9	-3.9	-7	-2.3
1683.6	190	0.585	99.2	54.5	0.639	6.5	26.3	99.2	106	0.759	0.573	21.5	-3.1	-4.7	-2	-3.9	-6.5	-2.3
1685.9	190	0.608	99.2	51.7	0.607	6.6	26.5	99.2	106	0.76	0.525	21.7	-1	-4.1	1.6	-3.9	-4.7	-2.3
1688.2	190	0.72	99.2	47.5	0.37	7.2	31	99.2	106	0.566	0.52	22	3.9	-2.3	1	-3.8	-4.1	-2.3
1690.5	190	0.72	99.2	47.7	0.37	7.2	31	99.2	106	0.075	0.505	21.9	4	-2.4	-1.6	-3.1	3.1	-1.6
1692.8	190	0.74	99.2	48.6	0.378	6.8	31.5	99.2	106	0.158	0.502	21.5	4.7	-3.1	-1.6	-3.1	3.1	-1.6
1695.1	190	0.74	99.2	49.2	0.39	6	32.9	99.2	106	0.7	0.464	21.2	4.7	-3.1	-2.3	-3.4	1.2	-1.8
1697.4	190	0.548	99.2	55.3	0.39	6	32.8	99.2	106	0.7	0.465	15	4	-1.3	-2.3	-3.9	-2.3	-2.3
1699.7	191	0.096	99.2	55.3	0.39	6	31.8	99.2	106	0.717	0.465	15	3.1	1.6	-2.3	-3.9	-1	-2.3
1702	192	0.101	99.2	54.7	0.396	6	31.8	99.2	106	0.74	0.465	15.3	1.6	2	-2.3	-3.9	3.9	-2.3
1704.3	192	0.136	99.2	53.7	0.444	6.1	32.9	99.2	105	0.561	0.469	16	-2.3	3.1	-1.4	-3.9	3.6	-2.3
1706.6	193	0.147	99.2	53.2	0.445	6.1	32.9	99.2	104	0.075	0.485	16.8	-2.2	2.7	3.1	-3.9	-1.6	-2.3
1708.9	194	0.72	99.2	51.4	0.475	6.1	32.2	99.2	104	0.094	0.481	20.5	-1.6	-2.3	3.1	-3.9	-1.6	-2.3
1711.2	194	0.72	99.2	51.4	0.525	5.9	30.2	99.2	104	0.25	0.409	20.5	-1.6	-2.3	-0.8	-3.9	-0.1	-2.3
1713.5	194	0.552	99.2	51	0.521	5.9	30.2	99.2	104	0.25	0.41	19.5	0	-0.7	-0.8	-3.9	3.1	-2.3
1715.8	194	0.096	99.2	51	0.504	6	30.6	99.2	104	0.437	0.415	19.5	2.3	2.3	-1	-3.9	2.4	-2.3
1718.1	194	0.119	99.2	51.3	0.503	6	30.6	99.2	104	0.76	0.425	18.5	2.3	2.3	-1.6	-3.9	-1.6	-2.3
1720.4	194	0.311	99.2	51.8	0.464	6	30.8	99.2	104	0.76	0.425	16	2.3	2.3	-0.9	-3.9	-1.6	-2.3
1722.7	194	0.31	99.2	52.3	0.465	6.1	31	99.2	104	0.76	0.425	15.4	1.9	2.1	3.9	-3.9	-3.1	-2.3
1725	194	0.484	99.2	54.1	0.451	6.2	31.5	99.2	104	0.752	0.423	11.5	-2.3	-3.1	3.9	-3.9	-3.1	-2.3
1727.3	194	0.72	99.2	54.1	0.425	6.4	32.9	99.2	104	0.68	0.39	11.6	-2.3	-3.1	2.3	-3.6	-1.3	-2.3
1729.6	194	0.703	99.2	53.7	0.429	6.3	32.8	99.2	104	0.68	0.39	14	-1.7	-2.6	2.3	-3.1	2.3	-2.3
1731.9	194	0.66	99.2	53.7	0.445	6.1	32.2	99.2	104	0.672	0.431	14	-0.8	-1.6	2.3	-3.3	1.2	-2.3
1734.2	194	0.67	99.2	54	0.442	6.2	32.2	99.2	104	0.66	0.505	13.3	0.2	-1.6	2.3	-3.9	-3.1	-2.3
1736.5	194	0.74	99.2	54.5	0.389	6.1	32.3	99.2	104	0.555	0.491	11.5	3.1	-1.6	2.5	-3.9	-3.1	-2.3
1738.8	194	0.74	99.2	53.2	0.39	6.1	32.5	99.2	102	0.195	0.425	12.2	3.1	-1.7	3.9	-3.9	-3.9	-2.6
1741.1	194	0.748	99.2	47.8	0.396	5.9	31.5	99.2	102	0.237	0.424	17	3.1	-3.1	3.9	-3.9	-3.9	-3.1
1743.4	194	0.76	99.2	47.8	0.41	5.3	28.2	99.2	102	0.759	0.37	17	3.1	-3.1	1.8	-3.9	-3	-2.9
1745.7	194	0.752	99.2	46.1	0.405	5.3	28.3	99.2	102	0.76	0.37	19.3	1.8	-1.2	-1.6	-3.9	-0.8	-2.3
1748	194	0.72	99.2	43.9	0.37	6	31	99.2	102	0.688	0.402	23	-0.8	3.9	-1.8	-3.9	-1	-2.3
1750.3	194	0.71	99.2	46.4	0.373	6	31	99.2	102	0.545	0.485	20.5	-0.3	3.9	-2.3	-3.9	-2.3	-2.3
1752.6	194	0.605	99.2	52.2	0.464	5.9	30.7	99.2	102	0.545	0.482	13.5	1.6	3.9	-2.5	-3.9	-2.3	-2.3
1754.9	194	0.605	99.2	52.2	0.465	5.8	30.2	99.2	100	0.545	0.464	13.6	1.7	3.8	-3.9	-3.9	3.1	-2.3
1757.2	194	0.582	99.2	52.5	0.453	5.9	30.8	99.2	100	0.528	0.465	14.5	2.3	2.3	-3.9	-3.9	3.1	-2.3
1759.5	194	0.545	99.2	52.5	0.425	6.1	32.9	99.2	100	0.095	0.473	14.5	2.3	2.3	-1.7	-3.9	1.5	-2.3
1761.8	194	0.553	99.2	53.2	0.425	6.1	32.8	99.2	100	0.095	0.485	14.1	2.6	2.3	2.3	-3.9	-3.1	-2.3
1764.1	194	0.585	99.2	54.1	0.425	6	31	99.2	100	0.278	0.469	13.5	3.1	2.3	1.5	-3.9	-2.4	-2.3
1766.4	194	0.546	99.2	53.5	0.428	6	31	99.2	100	0.66	0.425	13.6	2.1	2.3	-1.6	-3.9	2.3	-2.3
1768.7	194	0.116	99.2	52.2	0.504	6.1	31.3	99.2	100	0.546	0.425	14	-2.3	2.3	-1.3	-3.9	2.3	-2.3
1771	194	0.115	99.2	52.4	0.505	6.2	31.8	99.2	100	0.075	0.425	13.9	-2.3	2.3	2.3	-3.9	2.6	-2.3
1773.3	194	0.148	99.2	53.3	0.447	6.3	32.8	99.2	100	0.094	0.425	13	-1.6	0.4	2.3	-3.9	3.1	-2.3
1775.6	194	0.21	99.2	53.3	0.31	6.6	36.9	99.2	100	0.779	0.441	13	-1.6	-2.3	0.4	-3.7	1.5	-2.2
1777.9	194	0.307	99.2	56.9	0.334	6.5	36.5	99.2	100	0.78	0.465	12.3	-1.8	-2.5	-3.1	-3.1	-3.1	-1.6
1780.2	194	0.7	99.2	56.9	0.484	5.4	27.5	99.2	100	0.582	0.46	11	-2.3	-3.1	-4.2	-2.8	-3.5	-1.4
1782.5	194	0.694	99.2	46.9	0.485	5.4	27.5	99.2	100	0.115	0.445	15.5	-2.5	-2.9	-8.6	-0.8	-7.8	2.3
1784.8	194	0.446	99.2	16.5	0.469	4.2	24.9	99.2	100	0.209	0.447	33	-3.9	-0.8	-8.1	-0.8	-7.8	2.3

1787.1	194	0.445	99.2	16.5	0.445	2	18.8	99.2	100	0.7	0.464	32.9	-3.9	-0.8	0	-0.8	-5.2	2.3
1789.4	194	0.491	99.2	16.5	0.367	1.9	18.9	99.2	100	0.7	0.465	31.5	-3.2	-1.1	0	-0.8	-0.8	2.3
1791.7	194	0.605	99.2	16.5	0.135	1.8	19.6	99.2	100	0.076	0.364	31.5	-2.3	-1.6	2.3	-0.8	0.6	2.3
1794	194	0.623	99.2	21.2	0.136	1.8	19.6	99.2	100	0.075	0.175	29.6	-1	-1.7	7.8	-0.8	6.3	2.3
1796.3	194	0.76	99.2	29.8	0.155	2.8	20.7	99.2	100	0.21	0.175	25	3.1	-2.3	7	-0.9	6.3	2.3
1798.6	194	0.76	99.2	32	0.155	2.8	22.4	99.2	100	0.7	0.175	24.5	2.9	-2.3	0	-3.1	3.9	1.1
1800.9	194	0.782	99.2	42.7	0.179	3.2	23.1	99.2	101	0.671	0.175	20.5	-0.8	-1.6	0	-3.1	3.9	-0.8
1803.2	194	0.82	99.2	42.5	0.23	4.2	25.9	99.2	102	0.175	0.19	20.5	-0.8	-1.6	-0.6	-2.3	2.2	-0.1
1805.5	194	0.793	99.2	12.9	0.241	3.8	25.3	99.2	102	0.175	0.21	22.4	-0.8	-0.4	-1.6	-0.8	-2.3	2.3
1807.8	194	0.7	99.2	12.9	0.29	1.1	18	99.2	102	0.196	0.21	25	-0.8	2.3	-2.4	-0.5	-1.8	2.3
1810.1	194	0.71	99.2	13.6	0.292	1.1	18	99.2	102	0.23	0.21	24.5	-2.2	0.8	-4.7	0.8	0.8	2.3
1812.4	194	0.78	99.2	14.9	0.31	1.1	18	99.2	102	0.261	0.21	23.5	-6.3	-5.5	-5.2	0.8	0.5	2.3
1814.7	194	0.778	99.2	15.9	0.31	1.1	18	99.2	102	0.35	0.21	23.2	-6.3	-5.7	-7.8	0.8	-3.9	2.3
1817	194	0.66	99.2	18.8	0.31	1.1	18	99.2	102	0.391	0.21	22	-6.3	-7.8	-7.9	0.8	-3.9	2.3
1819.3	194	0.66	99.2	18	0.31	1.1	18	99.2	102	0.68	0.21	21.7	-6.4	-7.8	-9.4	0.8	-3.9	2.3
1821.6	194	0.689	99.2	11	0.319	1	17.8	99.2	102	0.68	0.21	17.5	-9.4	-8.1	-9.4	0.8	-3.9	2.3
1823.9	194	0.76	99.2	11	0.35	0.8	16.5	99.2	102	0.634	0.21	17.5	-9.4	-8.6	-8.9	0.8	-4.4	2.3
1826.2	194	0.683	99.2	18.1	0.353	0.8	16.5	99.2	102	0.565	0.21	17.6	-8.1	-7.4	-7.8	0.8	-6.3	2.3
1828.5	194	0.056	99.2	32.2	0.409	2.6	18.8	99.2	102	0.617	0.242	18	-3.9	-2.3	-7	0.6	-6.1	2.3
1830.8	194	0.055	99.2	33.1	0.41	2.6	22.4	99.2	102	0.78	0.602	18.1	-3.8	-2.3	0	-1.6	0	1.6
1833.1	194	0.225	99.2	38.4	0.439	2.6	22.1	99.2	103	0.782	0.603	19	-3.1	-3.9	0	-1.6	0	0
1835.4	194	0.64	99.2	38.4	0.524	2.9	20.8	99.2	106	0.819	0.604	19	-3.1	-3.9	-0.2	-1.6	0	0
1837.7	194	0.64	99.2	39.2	0.525	2.9	20.8	99.2	106	0.819	0.604	18.9	-3	-3.9	-5.5	-1.3	-0.3	0
1840	194	0.647	99.2	44.7	0.525	2.7	20.7	99.2	106	0.793	0.605	18	0	-4.2	-5.5	-0.8	-0.8	0
1842.3	194	0.66	99.2	44.7	0.525	2.2	20	99.2	106	0.075	0.597	18	0	-4.7	-5.2	-0.8	-1.9	-0.4
1844.6	194	0.682	99.2	52.2	0.482	2.5	20.6	99.2	106	0.075	0.585	14.7	-1.3	-4.5	-4.7	-0.8	-4.7	-1.6
1846.9	194	0.76	99.2	52.2	0.27	4.4	28.2	99.2	106	0.082	0.585	9.5	-3.9	-3.9	-2.9	-1.5	-4.4	-1.7
1849.2	194	0.76	99.2	49.9	0.272	4.4	28.2	99.2	108	0.095	0.585	11.8	-2.5	-3	3.1	-4.7	-2.3	-3.1
1851.5	194	0.76	99.2	44.3	0.444	4.1	27.1	99.2	108	0.105	0.566	19	3.9	3.1	3.3	-4.7	-2.3	-3.1
1853.8	194	0.76	99.2	44.3	0.445	3.7	24.7	99.2	109	0.155	0.41	19	3.9	3.1	6.3	-4.4	0.6	-2.8
1856.1	194	0.546	99.2	43.9	0.44	3.3	23.7	99.2	109	0.155	0.41	19	-0.1	2.8	6.3	-3.9	5.5	-2.3
1858.4	194	0.076	99.2	43.9	0.425	1.6	18	99.2	109	0.409	0.437	19	-5.5	2.3	3.8	-3.3	4.8	-2.3
1860.7	194	0.113	99.2	49.1	0.425	1.9	18	99.2	109	0.76	0.485	17.7	-4.9	2.2	-1.6	-1.6	2.3	-2.3
1863	194	0.331	99.2	58	0.424	6.8	26	99.2	110	0.601	0.497	15	-3.1	1.6	-1.3	-1.7	2.3	-2.3
1865.3	194	0.33	99.2	58.4	0.425	6.8	37.6	99.2	111	0.155	0.544	13.9	-2.8	1.5	0	-2.3	1.6	-2.3
1867.6	194	0.435	99.2	60.4	0.554	9.4	39	99.2	111	0.196	0.547	6.5	0	0	0	-2.3	1.6	-2.3
1869.9	194	0.605	99.2	60.4	0.819	16.2	43.9	99.2	111	0.739	0.699	6.5	0	0	-0.3	-2.1	1.1	-1.9
1872.2	194	0.671	99.2	59.2	0.834	16	44.5	99.2	111	0.74	0.7	13.8	0	0	-0.8	-1.6	0	-0.8
1874.5	194	0.895	99.2	59.2	0.894	14.5	51.4	99.2	111	0.772	0.743	24.5	0	0	-0.6	-1.6	0	-0.8
1876.8	194	0.889	99.2	60.3	0.894	14.5	51.4	99.2	111	0.835	0.854	23.5	0	0	0	-1.6	0	-0.8
1879.1	194	0.82	99.2	62.7	0.874	14.7	49.7	99.2	111	0.835	0.855	20.5	0	0	0	-1.6	0	-0.8
1881.4	194	0.82	99.2	59.3	0.875	14.9	46.3	99.2	109	0.834	0.854	21.2	0	0	0	-1.6	0	-0.8
1883.7	194	0.779	99.2	40.8	0.853	12.4	42.5	99.2	109	0.824	0.855	26.5	0.8	0.7	0	-1.6	0	-0.8
1886	194	0.7	99.2	40.8	0.799	4.6	25.5	99.2	109	0.445	0.817	26.5	0.8	1.6	0	-2.3	0.6	-0.8
1888.3	196	0.719	99.2	47.5	0.795	4.5	25.3	99.2	109	0.445	0.76	26.5	0.6	0.1	0	-3.9	2.3	-0.8
1890.6	196	0.8	99.2	47.5	0.759	3	20.4	99.2	109	0.558	0.75	26.5	0	-3.9	-1.3	-4	2.3	-0.9
1892.9	196	0.784	99.2	45	0.76	3	20.4	99.2	109	0.82	0.719	26.5	0.3	-3	-6.3	-4.7	2.3	-2.3
1895.2	196	0.525	99.2	38.4	0.739	3.7	22.3	99.2	109	0.705	0.714	26.5	1.6	3.9	-5.7	-4.7	2.3	-2.3
1897.5	196	0.525	99.2	39.7	0.74	4.9	26.7	99.2	108	0.115	0.659	26.2	1.6	3.9	3.9	-4	0.9	-2.3
1899.8	196	0.452	99.2	49.8	0.73	5.1	27.2	99.2	108	0.115	0.66	22.5	3.1	3.6	3.9	-3.1	-1.6	-2.3
1902.1	196	0.27	99.2	49.8	0.699	6.2	30.6	99.2	108	0.107	0.634	22.5	3.1	3.1	4.1	-3.1	-0.8	-2.2
1904.4	198	0.252	99.2	50.5	0.697	6.3	30.6	99.2	108	0.095	0.585	22.4	3.3	3.1	4.7	-3.1	3.1	-1.6
1906.7	198	0.116	99.2	51.8	0.659	6.6	31.2	99.2	107	0.257	0.574	22	3.9	3.1	4.7	-3.1	3	-1.6
1909	198	0.115	99.2	51.7	0.66	6.6	32.2	99.2	106	0.74	0.443	22	3.6	3.1	4.7	-3.1	-1.6	-1.6
1911.3	198	0.158	99.2	51.4	0.646	6.6	32.2	99.2	106	0.708	0.444	22	-0.8	3.1	4.7	-3.1	-1.6	-1.6
1913.6	198	0.271	99.2	51.4	0.604	6.7	32.5	99.2	106	0.155	0.444	22	-0.8	3.1	-9.7	-3.1	-1.6	-1.6
1915.9	198	0.27	99.2	51.3	0.605	6.7	32.5	99.2	106	0.155	0.444	22	-0.8	3.1	3.1	-3.1	-1.8	-1.6
1918.2	198	0.406	99.2	50.6	0.551	6.6	32.1	99.2	106	0.155	0.445	22.5	3.9	1.5	3.1	-3.1	-2.3	-1.6
1920.5	198	0.74	99.2	50.6	0.39	6.3	29.8	99.2	106	0.397	0.438	22.5	3.9	-1.6	1.5	-3.5	-2.3	-1.8
1922.8	198	0.67	99.2	44.2	0.378	6.2	29.8	99.2	106	0.76	0.425	24.3	2.8	-0.3	-2.3	-4.7	-2.3	-3.1

1925.1	198	0.116	99.2	32.2	0.21	3.3	26.9	99.2	106	0.76	0.422	28.5	-0.8	5.5	-1.9	-4.5	-2.2	-3.1
1927.4	198	0.115	99.2	34.4	0.21	3.3	22.4	99.2	106	0.76	0.41	28	-0.3	5	0.8	-2.3	0.8	-2.5
1929.7	198	0.152	99.2	43.1	0.245	3.5	22.8	99.2	106	0.716	0.411	25	3.9	-3.9	0.8	-2.3	0.8	-1.6
1932	198	0.21	99.2	41.6	0.31	3.9	24.3	99.2	106	0.27	0.444	25	3.9	-3.9	-2.3	-1.8	1.3	-0.5
1934.3	198	0.341	99.2	16.9	0.321	3.5	23.8	99.2	106	0.27	0.445	28.1	0.5	-3.9	-2.3	-0.8	2.3	2.3
1936.6	198	0.78	99.2	16.9	0.37	0.8	16.5	99.2	106	0.174	0.314	32.5	-5.5	-3.9	-1.7	-0.8	2.3	2.3
1938.9	196	0.745	99.2	14.2	0.362	0.8	16.5	99.2	106	0	0	30.7	-4.3	-3.3	0	-0.8	2.3	2.3
1941.2	196	0.371	99.2	7.8	0.075	2	20.7	99.2	106	0.117	0.019	25.5	0	0	-0.2	0.6	2.3	2.3
1943.5	196	0.37	99.2	14.1	0.075	3.9	28.6	99.2	108	0.565	0.135	24.6	0.2	0	-2.3	-3.9	0.7	0.7
1945.8	196	0.496	99.2	53.3	0.147	4.2	28.7	99.2	108	0.564	0.135	16	3.9	-2.3	-2.3	-3.9	1.6	-2.3
1948.1	196	0.76	99.2	53.3	0.35	5.5	29	99.2	108	0.505	0.156	16	3.9	-2.3	-3.7	-3.3	-0.2	-1.8
1950.4	196	0.683	99.2	42	0.353	5.5	29	99.2	108	0.505	0.195	19.6	3.1	-2.6	-7	-1.6	-6.3	0.8
1952.7	196	0.136	99.2	22	0.389	2.2	26	99.2	108	0.422	0.195	27.5	0.8	-3.9	-6	-1.5	-6.2	0.8
1955	195	0.135	99.2	22.1	0.39	2.2	20.8	99.2	108	0.095	0.195	27.3	0.7	-3.9	2.3	-0.8	0	1.4
1957.3	194	0.333	99.2	22.4	0.395	2	20.4	99.2	108	0.103	0.195	26	-0.8	-2.3	2.3	-0.8	0	2.3
1959.6	194	0.74	99.2	22.4	0.41	1.1	18.4	99.2	108	0.759	0.195	26	-0.8	-2.3	0.3	-1.8	-0.9	1.5
1961.9	194	0.661	99.2	33.3	0.423	1.2	18.4	99.2	108	0.76	0.195	22.4	0.4	-1.5	-3.9	-4.7	-3.9	-2.3
1964.2	194	0.096	99.2	53.3	0.584	5.3	24.7	99.2	108	0.601	0.245	14	3.9	1.6	-2.8	-4.6	-3.6	-2.3
1966.5	194	0.095	99.2	53.9	0.585	5.3	35.3	99.2	108	0.075	0.465	14.7	3.3	1.4	3.9	-3.1	3.1	-2
1968.8	194	0.294	99.2	56.9	0.591	5.7	35.3	99.2	108	0.076	0.465	19.5	-3.9	-3.1	3.9	-3.1	3.1	-1.6
1971.1	194	0.66	99.2	56.9	0.605	6.8	35.3	99.2	108	0.095	0.465	19.5	-3.9	-3.1	3.4	-3.1	2.7	-1.6
1973.4	194	0.637	99.2	56.7	0.6	6.8	35.3	99.2	108	0.095	0.465	19.5	-3.9	-3.3	2.3	-3.1	1.6	-1.6
1975.7	194	0.525	99.2	56.5	0.564	6.8	35.7	99.2	108	0.123	0.465	19.5	-3.9	-3.9	2.3	-3.1	1.2	-1.6
1978	194	0.525	99.2	56.7	0.565	6.8	35.7	99.2	108	0.195	0.465	19.7	-3.1	-3.8	2.3	-3.1	-3.1	-1.6
1980.3	194	0.525	99.2	57.3	0.517	6.9	36.2	99.2	108	0.184	0.461	20.5	1.6	-3.1	2.3	-3.1	-3.1	-1.6
1982.6	194	0.525	99.2	52.8	0.445	7.1	37.3	99.2	108	0.115	0.425	20.8	1.6	-3.1	0.8	-2.8	-3.4	-0.6
1984.9	194	0.402	99.2	11	0.45	6	34.6	99.2	108	0.115	0.425	28.5	-3.3	-5.4	0.8	-2.3	-3.9	1.6
1987.2	194	0.116	99.2	11	0.465	1.1	18	99.2	108	0.107	0.511	28.5	-10.2	-9.4	-1.7	-1.9	-5.4	1
1989.5	194	0.21	99.2	29.1	0.44	1.3	18.1	99.2	108	0.095	0.66	28.5	-8.4	-8	-7	-0.8	-10.2	-1.6
1991.8	194	0.72	99.2	56.5	0.25	5.7	27.8	99.2	108	0.29	0.605	28.5	-3.9	-3.1	-7.1	-1.1	-9.5	-1.6
1994.1	194	0.703	99.2	49.8	0.25	5.7	27.8	99.2	108	0.76	0.425	19.3	-3.4	-2.8	-7.8	-3.1	-3.1	-0.8
1996.4	194	0.271	99.2	30.6	0.316	5.4	28.7	99.2	108	0.689	0.423	22.5	-0.8	0	-7.1	-3.1	-3.1	-0.8
1998.7	194	0.27	99.2	33.1	0.41	4.8	30.6	99.2	108	0.29	0.41	22	-0.8	0	3.1	-4.7	-1	-1.3
2001	194	0.4	99.2	54.1	0.405	5.1	30.9	99.2	108	0.292	0.41	15	3.9	-0.6	3.1	-4.7	2.3	-2.3
2003.3	194	0.66	99.2	54.1	0.39	6.1	32.2	99.2	108	0.35	0.473	15	3.9	-1.6	0.6	-4.2	2.3	-2.1
2005.6	194	0.638	99.2	56.1	0.39	6.1	32	99.2	108	0.35	0.565	16.5	1.7	-1	-3.9	-3.1	2.3	-1.6
2007.9	194	0.545	99.2	56.1	0.39	5.2	25.1	99.2	108	0.262	0.545	19	-3.1	0.8	-3.9	-2.7	1.2	-1.3
2010.2	194	0.516	99.2	56.5	0.387	5.2	25.1	99.2	108	0.075	0.485	18.9	-2.2	0.8	-3.9	-0.8	-7	2.3
2012.5	194	0.096	99.2	57.6	0.27	5.1	27	99.2	108	0.193	0.461	18.5	1.6	0.8	-3.6	-0.9	-7	2.3
2014.8	194	0.095	99.2	57	0.27	5	30.6	99.2	108	0.74	0.29	18.6	1.4	0.8	0	-3.1	-4.5	0.7
2017.1	194	0.312	99.2	53.7	0.335	5	30	99.2	108	0.699	0.29	19.5	-3.1	-2.3	0	-3.1	-0.8	-2.3
2019.4	194	0.7	99.2	53.7	0.485	5	27.8	99.2	108	0.055	0.356	19.5	-3.1	-2.3	1.2	-3.6	-0.2	-2.5
2021.7	194	0.684	99.2	43.9	0.444	5	28.1	99.2	108	0.055	0.445	19.9	-1.8	-1.6	3.1	-4.7	1.6	-3.1
2024	194	0.625	99.2	43.9	0.23	5.3	32.2	99.2	108	0.223	0.461	20.5	0.8	0	3.1	-4.6	1.3	-3
2026.3	194	0.619	99.2	47.3	0.23	5.3	32.2	99.2	109	0.565	0.505	19.1	1.1	0.2	3.1	-3.9	-0.8	-2.3
2028.6	194	0.196	99.2	56.5	0.338	5.8	33.8	99.2	109	0.498	0.502	14	2.3	2.3	3.1	-3.9	-0.8	-2.3
2030.9	194	0.195	99.2	56.7	0.505	6.7	37.6	99.2	109	0.075	0.465	14.3	2.3	2.3	0.8	-3.6	-1.6	-2.1
2033.2	194	0.371	99.2	58	0.475	6.7	37.6	99.2	109	0.085	0.465	18	3.1	0.5	0.8	-3.1	-3.1	-1.6
2035.5	194	0.76	99.2	58	0.39	6.7	37.6	99.2	109	0.739	0.413	18	3.1	-2.3	-0.5	-3.1	-2.9	-1.6
2037.8	194	0.672	99.2	57.7	0.392	6.7	37.6	99.2	109	0.74	0.33	17.8	2.9	-1.4	-3.1	-3.1	-2.3	-1.6
2040.1	194	0.211	99.2	57.3	0.41	6.7	36.5	99.2	109	0.573	0.352	17.5	2.3	1.6	-2.2	-3.1	-2.4	-1.6
2042.4	195	0.21	99.2	53.7	0.41	6.7	36.5	99.2	109	0.155	0.425	18.5	1.5	1.4	1.6	-3.1	-3.1	-1.6
2044.7	196	0.211	99.2	43.1	0.424	5.6	32.4	99.2	109	0.145	0.422	22.5	-3.1	-0.8	1.6	-3.1	-3.1	-1.6
2047	196	0.21	99.2	43.8	0.445	3.2	22.4	99.2	109	0.075	0.39	22.3	-3.1	-0.8	3.1	-2.8	-1.1	-0.8
2049.3	196	0.18	99.2	49	0.381	3.5	23.1	99.2	109	0.075	0.39	19	0.9	-1.4	3.1	-2.3	2.3	0.8
2051.6	196	0.115	99.2	49	0.195	4.3	27.1	99.2	109	0.373	0.352	19	6.3	-2.3	1	-2.3	2.1	0.9
2053.9	196	0.211	99.2	51.1	0.215	4.4	27.1	99.2	109	0.78	0.29	18	5.4	-2.3	-3.1	-2.3	1.6	1.6
2056.2	196	0.7	99.2	54.5	0.37	5.8	31.1	99.2	109	0.747	0.368	16	3.1	-2.3	-2.2	-2.4	1.6	1.5
2058.5	196	0.7	99.2	55.1	0.37	5.8	36.5	99.2	109	0.66	0.624	16.2	2.2	-2.4	1.6	-3.1	1.6	-1.6
2060.8	196	0.72	99.2	56.9	0.437	5.9	35.3	99.2	109	0.599	0.621	17	-3.9	-3.1	1.6	-3.1	1.6	-1.6

2063.1	196	0.72	99.2	56.7	0.545	6	32.2	99.2	109	0.075	0.463	17	-3.9	-3.1	-2.3	-3.3	0.5	-1.7
2065.4	196	0.716	99.2	52.9	0.545	5.8	31.5	99.2	109	0.075	0.464	19.5	-3.7	-3.3	-2.3	-3.9	-3.1	-2.3
2067.7	196	0.7	99.2	52.9	0.544	3.9	23.1	99.2	110	0.101	0.464	19.5	-3.1	-3.9	-2.3	-3.9	-3.1	-2.3
2070	196	0.7	99.2	52.9	0.545	3.9	23.1	99.2	109	0.175	0.464	19.5	-3.1	-3.9	-1.6	-3.3	-2.4	-1.7
2072.3	196	0.672	99.2	39.4	0.539	3.8	23.1	99.2	109	0.175	0.465	22.1	-2.5	-2.9	0	-1.6	0	1.6
2074.6	196	0.505	99.2	16.9	0.484	1.5	21.5	99.2	109	0.236	0.453	27.5	-0.8	0.8	0.3	-1.5	-0.2	1.6
2076.9	196	0.505	99.2	22.1	0.485	1.5	19.2	99.2	109	0.41	0.41	26.2	-0.3	0.5	1.6	-0.8	-3.9	1.9
2079.2	196	0.505	99.2	39.6	0.478	1.7	19.6	99.2	109	0.429	0.408	20	3.9	-3.9	1.6	-0.8	-3.9	2.3
2081.5	196	0.505	99.2	39.3	0.465	2.2	20.8	99.2	109	0.625	0.37	20	3.9	-3.9	-0.8	-0.8	-2.9	1.9
2083.8	196	0.436	99.2	36.9	0.406	2.5	21.3	99.2	109	0.625	0.37	20.5	2.3	-1.4	-0.8	-0.8	-0.8	0.8
2086.1	196	0.27	99.2	36.9	0.21	3.7	24.7	99.2	109	0.41	0.384	20.5	2.3	3.1	0.6	-1.8	-1	0.3
2088.4	196	0.338	99.2	38.6	0.228	3.6	24.7	99.2	109	0.095	0.41	20.3	2.1	1.8	3.9	-4.7	-1.6	-2.3
2090.7	196	0.72	99.2	41.6	0.37	2.5	23.4	99.2	109	0.263	0.43	20	1.6	-3.1	2.5	-4.3	-1.6	-2.3
2093	196	0.72	99.2	41.1	0.37	2.5	21.6	99.2	109	0.74	0.505	20.1	1.5	-2.7	-4.7	-0.8	-1.6	-0.3
2095.3	196	0.564	99.2	39.6	0.384	2.6	21.7	99.2	109	0.727	0.5	20.5	0.8	2.3	-4.7	-0.8	-1.6	2.3
2097.6	196	0.33	99.2	38.3	0.41	2.9	22	99.2	109	0.625	0.425	20.6	0.8	2.3	-2.3	-0.8	-1.3	2.3
2099.9	196	0.278	99.2	22	0.413	2.9	21.9	99.2	109	0.625	0.425	27.5	1.6	3.3	-2.3	-0.8	-0.8	2.3
2102.2	196	0.096	99.2	22	0.425	2.2	20.8	99.2	109	0.524	0.41	27.5	3.1	5.5	-2.1	-0.8	-0.9	2.3
2104.5	196	0.134	99.2	21.6	0.425	2.2	20.8	99.2	109	0.31	0.37	27.9	3.1	4.3	-1.6	-0.8	-1.6	2.3
2106.8	196	0.78	99.2	20.8	0.442	1.8	19.4	99.2	109	0.259	0.329	29	3.1	-2.3	-1.5	-0.8	-1.6	2.3
2109.1	195	0.78	99.2	19.4	0.465	1.1	16.5	99.2	109	0	0	28	2.9	-2.3	0	-0.8	-1.6	2.3
2111.4	194	0.509	99.2	11	0.33	1	16.5	99.2	110	0.027	0	19.5	0	0	0	-0.8	-1.6	2.3
2113.7	194	0	99.2	11.2	0	0.7	16.5	99.2	111	0.625	0.022	19.5	0	0	0.3	-0.4	-1.3	1.5
2116	194	0.127	99.2	47.5	0.033	0.9	16.6	99.2	111	0.625	0.055	20.4	0.2	-1.5	0.8	-3.1	-5.5	-1.6
2118.3	194	0.74	99.2	47.5	0.25	2.2	20.8	99.2	111	0.492	0.079	22	0.8	-6.3	0.7	-2.9	-5.1	-1.5
2120.6	194	0.74	99.2	49.6	0.25	2.2	20.8	99.2	111	0.115	0.175	21	0.9	-6.3	0	-0.8	0.8	2.3
2122.9	194	0.761	99.2	59.2	0.296	2.2	20.9	99.2	111	0.129	0.175	14.5	2.3	-3.9	0	-0.8	0.8	2.3
2125.2	194	0.8	99.2	59.2	0.41	2.3	21.6	99.2	113	0.779	0.236	14.5	2.3	-3.9	-0.5	-1.7	-0.2	1.4
2127.5	194	0.8	99.2	57.8	0.427	2.3	21.6	99.2	113	0.78	0.33	15.6	0.9	-3.7	-1.6	-3.9	-3.1	-2.3
2129.8	194	0.8	99.2	55.7	0.544	2.2	20.8	99.2	113	0.75	0.392	17.5	-2.3	-3.1	-3.2	-3.5	-2.9	-2.4
2132.1	194	0.799	99.2	56.3	0.545	2.2	20.8	99.2	113	0.68	0.585	17.7	-1.6	-3	-9.4	-1.6	-1.6	-3.1
2134.4	194	0.74	99.2	58	0.409	3.6	25.3	99.2	113	0.608	0.581	18.5	2.3	-1.6	-9.2	-1.6	-1.6	-3.1
2136.7	194	0.74	99.2	55	0.195	6.4	36.5	99.2	113	0.075	0.524	18.8	2.3	-1.6	2.3	-2.2	-1.6	-2.9
2139	194	0.557	99.2	23.5	0.254	5.6	34.3	99.2	113	0.075	0.525	25	-0.8	-4	2.3	-3.1	-1.6	-2.3
2141.3	194	0.096	99.2	23.5	0.445	2.2	19.2	99.2	113	0.075	0.512	25	-5.5	-8.6	1.9	-2.6	-0.5	-1.7
2143.6	194	0.12	99.2	22.4	0.445	2.2	19.2	99.2	113	0.075	0.485	25.6	-3	-5.9	0.8	-0.8	4.7	2.3
2145.9	194	0.291	99.2	20.4	0.445	2.1	20.3	99.2	113	0.089	0.455	27	4.7	4.7	1.6	-1	4.5	2.3
2148.2	194	0.29	99.2	27	0.445	2.1	22	99.2	113	0.135	0.33	25.9	4.3	4.6	6.3	-3.1	0	0.4
2150.5	194	0.432	99.2	51	0.472	2.4	22.3	99.2	113	0.13	0.336	20	0	3.1	6.3	-3.1	0	-2.3
2152.8	194	0.66	99.2	51	0.525	3	23.1	99.2	111	0.075	0.484	20	0	3.1	5.3	-3.7	0.7	-2.3
2155.1	194	0.622	99.2	52.5	0.502	3.3	23.5	99.2	111	0.075	0.485	19.6	1.3	3.6	3.9	-4.7	2.3	-2.3
2157.4	194	0.485	99.2	52.5	0.39	5.4	31	99.2	111	0.115	0.468	19	3.9	4.7	3.9	-4.5	1.6	-2.3
2159.7	194	0.455	99.2	52.2	0.391	5.4	31	99.2	111	0.195	0.425	19.1	2.8	4.6	3.9	-3.9	-2.3	-2.3
2162	194	0.096	99.2	51.4	0.444	4.8	28.9	99.2	111	0.282	0.42	19.5	-1.6	3.9	3.8	-3.9	-2.3	-2.3
2164.3	194	0.095	99.2	49.2	0.445	3.8	25.1	99.2	109	0.68	0.39	19.7	-1.5	3.9	3.1	-4.7	0.6	-2.3
2166.6	194	0.246	99.2	38.4	0.422	3.8	25.1	99.2	109	0.648	0.39	21.5	0	4.7	3.1	-4.7	4.7	-2.3
2168.9	194	0.505	99.2	38.3	0.37	4	25.1	99.2	109	0.115	0.382	21.5	0	4.7	3.7	-4.7	3.1	-2.3
2171.2	194	0.415	99.2	32.2	0.384	3.9	25	99.2	109	0.115	0.37	22.1	0.7	4.1	4.7	-4.7	-1.6	-2.3
2173.5	194	0.076	99.2	32.2	0.464	3.4	23.5	99.2	110	0.23	0.379	23	2.3	2.3	3.4	-4.5	-1.6	-2.3
2175.8	194	0.076	99.2	32.7	0.465	3.4	23.5	99.2	111	0.505	0.41	22.8	2.4	2.4	-2.3	-3.1	-2.3	-0.8
2178.1	194	0.64	99.2	34.1	0.48	3.3	23.5	99.2	111	0.533	0.413	22	3.1	3.1	-2.3	-3.1	-2.3	-0.8
2180.4	194	0.64	99.2	34.5	0.505	3.3	23.5	99.2	111	0.76	0.465	21.9	3.1	3.1	3.9	-3.1	-0.2	-0.8
2182.7	194	0.64	99.2	39.6	0.5	3	22.8	99.2	111	0.76	0.465	20.5	1.5	3.1	3.9	-3.1	3.9	-0.8
2185	194	0.64	99.2	39.6	0.485	2	19.2	99.2	109	0.792	0.495	20.5	-0.8	3.1	0.6	-2.1	2.7	-0.3
2187.3	194	0.598	99.2	28.8	0.483	1.9	19.2	99.2	109	0.835	0.545	22.2	-3.1	0.6	-6.3	0.8	-1.6	2.3
2189.6	194	0.41	99.2	12.2	0.465	1.1	18	99.2	110	0.602	0.52	25.5	-8.6	-7	-6.9	0.8	-1.7	2.3
2191.9	194	0.407	99.2	23.4	0.465	1.1	18	99.2	111	0.075	0.445	23.7	-7.4	-6.2	-9.4	0.8	-3.1	2.3
2194.2	194	0.291	99.2	56.9	0.357	6.4	27.4	99.2	111	0.174	0.477	17	-1.6	2.3	-8.9	0.8	-3.1	2.3
2196.5	194	0.29	99.2	58	0.195	16.8	49.8	99.2	109	0.76	0.779	16.9	-1.6	2.3	0	-1.6	-1.7	1.3
2198.8	194	0.415	99.2	67.8	0.323	16.4	50.1	99.2	109	0.76	0.78	15.5	-3.9	2.6	0	-1.6	0.8	-0.8

2201.1	194	0.74	99.2	67.8	0.739	14.5	52.2	99.2	109	0.776	0.787	15.5	-3.9	3.1	-2.4	-2.3	-1.4	-0.6
2203.4	194	0.742	99.2	49.4	0.742	14.4	52.2	99.2	109	0.8	0.8	21.3	-2.8	1.6	-8.6	-4.7	-10.2	0.8
2205.7	194	0.76	99.2	14.1	0.779	6.5	43.5	99.2	110	0.637	0.774	35.5	0.8	-4.7	-8.3	-4.5	-10.1	0.8
2208	194	0.76	99.2	20.4	0.78	6.5	29.4	99.2	111	0.055	0.639	33.7	0.3	-4.7	-5.5	-0.8	-2.3	-0.4
2210.3	194	0.701	99.2	49.8	0.767	6.1	28	99.2	111	0.087	0.64	22	-5.5	-5.5	-5.5	-0.8	-2.3	-2.3
2212.6	194	0.605	99.2	48.3	0.74	5	23.1	99.2	111	0.66	0.648	22	-5.5	-5.5	-5.5	-0.8	-3.4	-1.3
2214.9	194	0.473	99.2	8.6	0.617	4.5	22.6	99.2	111	0.66	0.66	22	-3.6	-3.9	-5.5	-0.8	-6.3	2.3
2217.2	194	0.001	99.2	8.6	0	0.7	16.5	99.2	111	0.501	0.625	22	0	0	-4.1	-1.2	-5.9	2.1
2219.5	194	0.01	99.2	18.1	0	0.7	16.5	99.2	111	0.155	0.349	21.5	0.5	-0.1	3.1	-3.9	-2.3	-2.3
2221.8	194	0.74	99.2	58	0.06	2.3	21.9	99.2	111	0.19	0.349	19	4.7	-1.6	3.1	-3.9	-2.3	-2.3
2224.1	194	0.74	99.2	58	0.21	7.2	41.6	99.2	111	0.545	0.349	19	4.7	-1.6	3.1	-3.8	-2.3	-2.3
2226.4	194	0.74	99.2	53.7	0.21	7.2	41.6	99.2	111	0.545	0.35	20.4	3.8	-1.7	3.1	-1.6	-3.1	-1.7
2228.7	194	0.74	99.2	33.7	0.311	6	41	99.2	111	0.546	0.35	31	-8.6	-8.6	3.1	-1.6	-3.1	-0.8
2231	194	0.74	99.2	33.7	0.545	2	38.4	99.2	111	0.565	0.461	31	-8.6	-8.6	0	-1.8	-3.9	-0.8
2233.3	194	0.611	99.2	43.1	0.557	2	38.4	99.2	111	0.565	0.64	27.7	-7.4	-7.8	-6.3	-2.3	-6.3	-0.8
2235.6	194	0.835	99.2	57.3	0.639	1.1	29.4	99.2	111	0.435	0.531	21.5	-4.7	-5.5	-6	-1.9	-5.7	-0.7
2237.9	194	0.834	99.2	56.6	0.64	1.1	18	99.2	111	0.075	0.115	21.3	-3.7	-5.3	-4.7	0.8	1.6	2.3
2240.2	194	0.72	99.2	54.5	0.454	3.2	25.3	99.2	111	0.175	0.13	20.5	2.3	-3.9	-4.6	0.8	1.6	2.3
2242.5	194	0.72	99.2	54.1	0.175	7	41.6	99.2	111	0.76	0.27	20.6	2.2	-3.9	-3.1	-1.2	0.4	0.8
2244.8	194	0.726	99.2	50.6	0.263	7	42.2	99.2	111	0.76	0.27	21.5	-1.6	-3.3	-3.1	-3.9	-1.6	-2.3
2247.1	194	0.74	99.2	50.6	0.505	7.2	45.5	99.2	113	0.7	0.389	21.5	-1.6	-2.3	-3.6	-3.5	-0.9	-2
2249.4	194	0.726	99.2	53.7	0.515	7.3	45.5	99.2	113	0.7	0.585	21.5	-0.6	-2.5	-4.7	-2.3	1.6	-0.8
2251.7	194	0.66	99.2	58.4	0.584	7.5	45.1	99.2	113	0.553	0.572	21.5	1.6	-3.1	-3.9	-2.4	0.9	-0.8
2254	195	0.66	99.2	47.3	0.585	7.5	45.1	99.2	113	0.155	0.525	22.6	1.4	-2.9	0	-3.1	-6.3	-1.6
2256.3	196	0.406	99.2	9.4	0.394	6.8	40.6	99.2	113	0.153	0.506	28	0	0	0	-3.1	-6.3	-1.6
2258.6	196	0.035	99.2	11.2	0.055	5.2	27.1	99.2	113	0.135	0.195	28	0	0	0	-3.1	-5.8	-1.6
2260.9	196	0.215	99.2	54.1	0.148	5.6	27.6	99.2	113	0.135	0.195	25.3	-1.1	-1.3	0	-3.1	-4.7	-1.6
2263.2	196	0.76	99.2	54.1	0.525	7.3	32.2	99.2	111	0.371	0.293	21.5	-3.1	-3.9	-1.2	-3.1	-4.7	-1.7
2265.5	196	0.715	99.2	50.3	0.52	7.3	32.2	99.2	111	0.78	0.505	22.8	-1.7	-3.8	-4.7	-3.1	-4.7	-2.3
2267.8	196	0.271	99.2	42.4	0.39	5.3	27.6	99.2	112	0.788	0.481	26	3.1	-3.1	-4.9	-3.1	-4.7	-2.3
2270.1	196	0.27	99.2	40.8	0.39	2.3	19.2	99.2	113	0.82	0.33	25.7	3	-3.1	-7	-3.1	-6.3	-1.7
2272.4	196	0.455	99.2	33.3	0.396	3.2	21.4	99.2	113	0.812	0.33	24	1.6	0	-7	-3.1	-6.3	-0.8
2274.7	196	0.78	99.2	33.3	0.41	5.5	29.8	99.2	111	0.68	0.35	24	1.6	0	-4.4	-2.8	-5	-1
2277	196	0.638	99.2	44.7	0.422	5.7	30.6	99.2	111	0.68	0.35	22.2	2.1	-0.9	0	-2.3	-1.6	-1.6
2279.3	196	0.116	99.2	59.2	0.485	7.2	43.1	99.2	111	0.701	0.407	19.5	3.1	-3.1	-0.9	-2.3	-1.8	-1.5
2281.6	196	0.122	99.2	58.7	0.482	7.2	43.1	99.2	111	0.74	0.545	19.8	1.3	-3.1	-3.9	-2.3	-3.1	-0.8
2283.9	196	0.196	99.2	57.6	0.39	7.2	43.7	99.2	111	0.609	0.534	20.5	-4.7	-3.1	-3.9	-2.3	-3	-0.8
2286.2	196	0.195	99.2	57.8	0.39	7.2	44.7	99.2	111	0.155	0.485	20.5	-4.5	-2.8	-3.9	-2.3	0.8	-0.8
2288.5	196	0.156	99.2	58.4	0.408	7.3	44.8	99.2	111	0.183	0.485	20.5	-3.1	2.3	-3.9	-2.3	0.8	-0.8
2290.8	196	0.095	99.2	58.4	0.445	7.4	45.1	99.2	109	0.66	0.46	20.5	-3.1	2.3	-3.6	-2.3	0	-0.8
2293.1	196	0.254	99.2	58.4	0.445	7.4	44.6	99.2	109	0.66	0.425	20.9	-1.5	0.9	-3.1	-2.3	-2.3	-0.8
2295.4	196	0.78	99.2	58.4	0.445	7.4	36.5	99.2	109	0.7	0.382	21.5	1.6	-2.3	-2.7	-2.5	-1.5	-1
2297.7	196	0.727	99.2	48.8	0.439	7.4	36.5	99.2	109	0.78	0.055	23.5	1.3	-2	-0.8	-3.9	4.7	-3.1
2300	198	0.002	99.2	13.7	0.23	5.5	31.4	99.2	109	0.683	0.055	33	-0.8	0	-0.8	-3.9	4.7	-3.1
2302.3	198	0.001	99.2	13.7	0.23	0.8	16.5	99.2	109	0.056	0.055	33	-0.8	0	-1	-3.6	4.3	-3
2304.6	198	0	99.2	20.5	0.23	0.8	16.5	99.2	109	0.055	0.055	31.3	-0.7	0.1	-2.3	-0.8	-2.3	2.3
2306.9	198	0.087	99.2	46.3	0.219	1.9	19.3	99.2	109	0.096	0.057	22.5	0	1.6	-2.3	-0.8	-2.3	2.3
2309.2	198	0.23	99.2	46.4	0.195	5	28.6	99.2	109	0.7	0.155	22.5	0	1.6	-2	-1.8	-0.6	1.2
2311.5	198	0.216	99.2	54.5	0.235	5.1	28.9	99.2	109	0.7	0.155	20.2	0.3	2.2	-1.6	-3.9	3.9	-2.3
2313.8	198	0.156	99.2	54.5	0.485	6.3	36.5	99.2	109	0.719	0.201	16.5	0.8	3.9	-1.7	-3.8	3.7	-2.3
2316.1	198	0.188	99.2	54.9	0.485	6.3	36.5	99.2	109	0.76	0.33	16.9	0.8	3.1	-2.3	-3.1	2.3	-2.3
2318.4	198	0.76	99.2	56.1	0.501	6.3	36.5	99.2	109	0.661	0.34	18	0.8	-3.1	-2.1	-3.1	2.3	-2.3
2320.7	197	0.76	99.2	56.1	0.525	6.4	36.5	99.2	109	0.075	0.445	18	0.8	-3.1	2.3	-3.1	0.4	-2.1
2323	196	0.594	99.2	55.7	0.507	6.4	36.5	99.2	109	0.075	0.445	17.5	-0.5	-3.1	2.3	-3.1	-3.1	-1.6
2325.3	196	0.175	99.2	55.7	0.445	6.6	36.5	99.2	109	0.136	0.452	17.5	-2.3	-3.1	2.5	-3.1	-2.9	-1.7
2327.6	196	0.234	99.2	49.2	0.44	6.6	36.5	99.2	109	0.23	0.465	19.8	-2.9	-3	3.1	-3.1	-2.3	-2.3
2329.9	196	0.7	99.2	37.6	0.31	5.1	31.6	99.2	109	0.357	0.453	25	-4.7	-2.3	3.2	-3	-2.3	-2.3
2332.2	196	0.7	99.2	41.2	0.31	3.1	23.5	99.2	109	0.8	0.39	24.4	-4.6	-2.4	3.9	-1.6	-1	-1.7
2334.5	198	0.722	99.2	56.9	0.336	3	23.2	99.2	109	0.75	0.392	20.5	-3.1	-5.5	3.9	-1.6	0.8	-0.8
2336.8	198	0.76	99.2	56.4	0.39	2.9	22	99.2	108	0.075	0.524	20.5	-3.1	-5.5	3.6	-1.6	2.1	-0.3

2339.1	198	0.744	99.2	32.2	0.395	3	22	99.2	108	0.075	0.525	22.8	-2.8	-5.5	3.1	-1.6	5.5	1.6
2341.4	198	0.68	99.2	32.2	0.425	4.3	21.2	99.2	108	0.281	0.497	26.5	-2.3	-5.5	3.3	-1.9	5.2	1.4
2343.7	197	0.676	99.2	33.5	0.425	4.3	21.2	99.2	108	0.76	0.41	26.6	-2.2	-5.1	3.9	-3.9	3.1	-2.3
2346	196	0.505	99.2	37.3	0.381	4.5	22.7	99.2	108	0.724	0.406	27	-1.6	-1.6	3.9	-3.9	3.1	-2.3
2348.3	196	0.505	99.2	37	0.31	5	26.7	99.2	108	0.445	0.35	27	-1.6	-1.6	4.7	-3.9	2.6	-2.1
2350.6	196	0.406	99.2	31.8	0.332	4.9	26.5	99.2	108	0.445	0.35	27.8	-1	0.5	4.7	-3.9	1.6	-1.6
2352.9	196	0.116	99.2	31.8	0.425	3.8	24.7	99.2	109	0.576	0.338	29	0	4.7	3.3	-3.7	1.7	-1.2
2355.2	196	0.128	99.2	26.2	0.425	3.8	24.7	99.2	109	0.8	0.31	29.5	-0.5	3.7	-0.8	-3.1	2.3	2.3
2357.5	196	0.271	99.2	13.3	0.425	3.9	25.2	99.2	109	0.793	0.308	31	-2.3	-1.6	-0.9	-3.1	2.3	2.3
2359.8	196	0.27	99.2	18.5	0.425	3.9	26.3	99.2	109	0.76	0.29	30.1	-2.2	-1.6	-2.3	-3.9	0.2	0.8
2362.1	196	0.377	99.2	58	0.441	4.7	29	99.2	109	0.76	0.29	18	2.3	-2.2	-2.3	-3.9	-3.1	-2.3
2364.4	196	0.605	99.2	58	0.485	7.3	42.4	99.2	109	0.779	0.386	18	2.3	-3.1	-2.8	-3.5	-3.1	-2
2366.7	196	0.639	99.2	57.5	0.491	7	41.9	99.2	109	0.78	0.545	19.3	0.3	-3.1	-3.9	-2.3	-3.1	-0.8
2369	196	0.78	99.2	56.9	0.525	4	23.1	99.2	110	0.629	0.545	21.5	-3.9	-3.1	-3.2	-2.1	-2.8	-0.7
2371.3	196	0.751	99.2	55.1	0.525	4	23.1	99.2	111	0.25	0.545	21.7	-3.3	-3.3	0	-0.8	0	2.3
2373.6	196	0.251	99.2	50.2	0.517	4.6	25.1	99.2	111	0.253	0.523	22.5	-0.8	-4.7	0.2	-0.8	0	2.3
2375.9	196	0.25	99.2	49.6	0.505	5.9	29.8	99.2	109	0.27	0.29	22.6	-0.8	-4.7	4.7	-3.1	-0.3	1.1
2378.2	196	0.408	99.2	43.1	0.485	5.3	28.4	99.2	109	0.27	0.29	25.5	-2.3	-4.7	4.7	-3.1	-0.8	-1.6
2380.5	196	0.78	99.2	43.1	0.425	2.6	20.4	99.2	109	0.51	0.331	25.5	-2.3	-4.7	3.3	-2.2	-0.7	-1.1
2382.8	196	0.777	99.2	30.9	0.395	2.8	20.4	99.2	109	0.855	0.41	26.3	-2.7	-4.7	0	0.8	0	2.3
2385.1	196	0.76	99.2	10.6	0.155	6.6	26.6	99.2	109	0.835	0.358	28	-3.9	-4.7	-0.2	0.2	0.3	2.3
2387.4	196	0.76	99.2	21.4	0.155	6.6	35.3	99.2	109	0.78	0.155	26.5	-2.9	-4.5	-1.6	-4.7	4.7	0.3
2389.7	196	0.72	99.2	58	0.264	7	31.6	99.2	109	0.789	0.19	20	3.1	-2.3	-1.6	-4.7	4.7	-2.3
2392	196	0.72	99.2	56.4	0.445	7.8	22	99.2	109	0.854	0.624	20.1	3.1	-2.3	0	-2.6	3.1	-0.9
2394.3	196	0.692	99.2	38.4	0.38	7.6	24.6	99.2	109	0.855	0.625	21.5	1.8	-3.2	0	0.8	0	2.3
2396.6	196	0.625	99.2	38.4	0.155	7.1	41.6	99.2	109	0.747	0.467	21.5	0	-4.7	0.9	0.1	0.6	1.9
2398.9	196	0.637	99.2	39.1	0.178	7	41.6	99.2	109	0.585	0.155	21.6	-0.8	-3.8	3.1	-2.3	3.1	-0.8
2401.2	196	0.72	99.2	40.4	0.504	1.9	33.3	99.2	110	0.472	0.224	22	-3.1	0	1.5	-2.2	3	-0.8
2403.5	196	0.72	99.2	40	0.505	2	20.4	99.2	111	0.115	0.545	21.8	-3	0	-9.4	-0.8	-0.8	-1.7
2405.8	196	0.696	99.2	38.4	0.498	2	31.8	99.2	111	0.175	0.557	20.5	-1.6	0	-9.4	-0.8	-0.8	-3.1
2408.1	196	0.66	99.2	39.6	0.485	2	67.8	99.2	111	0.854	0.854	20.5	-1.6	0	-5.6	-1.1	-0.6	-2.5
2410.4	196	0.684	99.2	66.3	0.532	9.1	67.8	99.2	111	0.855	0.855	19.5	0.1	0.5	0	-1.6	0	-0.8
2412.7	196	0.76	99.2	66.3	0.719	16.6	67.4	99.2	111	0.843	0.849	19.5	3.1	1.6	0	-1.6	0	-0.8
2415	196	0.767	99.2	66.9	0.724	16.6	67.5	99.2	111	0.82	0.835	18.2	2.4	1.3	0	-1.6	0	-0.8
2417.3	196	0.855	99.2	68.2	0.894	16.1	68.8	99.2	111	0.823	0.835	15	0	0	0	-1.6	0	-0.8
2419.6	196	0.855	99.2	63.4	0.895	15.1	71.4	99.2	109	0.835	0.834	16.3	-0.1	0	0	-1.6	-3.1	-1.3
2421.9	196	0.624	99.2	36.9	0.861	13.4	65.1	99.2	109	0.835	0.835	27	-3.9	0.6	0	-1.6	-3.1	-2.3
2424.2	196	0.095	99.2	36.9	0.759	6.1	28.2	99.2	109	0.571	0.808	27	-3.9	1.6	0.5	-2.2	-2.3	-2.3
2426.5	198	0.136	99.2	39.3	0.757	6.1	28.2	99.2	109	0.175	0.76	26.4	-2.5	1.6	1.6	-3.9	0.8	-2.3
2428.8	198	0.425	99.2	43.5	0.719	5	27.9	99.2	109	0.157	0.753	25	1.6	1.6	1.4	-4	0.8	-2.3
2431.1	198	0.425	99.2	43.3	0.72	5	27.5	99.2	109	0.095	0.719	24.9	1.1	1.5	0	-4.7	0	-2.3
2433.4	199	0.534	99.2	42.4	0.72	5	27.5	99.2	109	0.13	0.719	24.5	-4.7	-3.9	0	-4.7	0	-2.3
2435.7	199	0.72	99.2	41.6	0.72	5.1	27.5	99.2	109	0.625	0.659	24.5	-4.7	-3.9	0	-4.7	0.7	-2.5
2438	199	0.582	99.2	25.1	0.72	4.7	26.8	99.2	109	0.625	0.66	30	-2.1	-1.2	0	-4.7	2.3	-3.1
2440.3	199	0.155	99.2	25.1	0.719	1.9	20	99.2	109	0.542	0.666	30	2.3	4.7	1.7	-4.1	2.1	-2.6
2442.6	199	0.155	99.2	25	0.719	1.9	20	99.2	109	0.39	0.68	29.5	2.3	3.9	7	-1.6	0.8	1.6
2444.9	199	0.156	99.2	24.7	0.679	3.1	22.6	99.2	109	0.447	0.669	28	2.3	-0.8	6.4	-1.7	0.8	1.6
2447.2	199	0.155	99.2	28.6	0.68	5	27.8	99.2	109	0.74	0.564	27.1	2.2	-0.8	-2.3	-3.9	-0.4	0.3
2449.5	199	0.149	99.2	54.1	0.671	5.2	28.6	99.2	109	0.74	0.565	17	0.8	0.4	-2.3	-3.9	-2.3	-2.3
2451.8	199	0.135	99.2	54.1	0.64	6.2	34.1	99.2	109	0.468	0.517	17	0.8	2.3	-0.9	-3.9	-1.3	-2.3
2454.1	199	0.175	99.2	53.9	0.638	6.2	34.1	99.2	109	0.055	0.425	17.2	1.4	2.3	2.3	-3.9	2.3	-2.3
2456.4	199	0.445	99.2	53.7	0.604	5.9	33	99.2	109	0.225	0.425	17.5	3.1	2.3	1.8	-3.9	2.1	-2.3
2458.7	199	0.445	99.2	49.6	0.605	5.9	31.4	99.2	109	0.76	0.425	18.9	3	2.2	-1.6	-3.9	-2.3	-2.3
2461	199	0.544	99.2	33.7	0.446	5.9	30.9	99.2	109	0.733	0.42	26.5	2.3	0.8	-1.6	-3.9	-2.3	-2.3
2463.3	199	0.7	99.2	34.3	0.135	5.7	29.4	99.2	109	0.445	0.31	26.5	2.3	0.8	3.9	-3.9	-1.6	-2.3
2465.6	198	0.611	99.2	51.4	0.182	5.7	29.5	99.2	109	0.445	0.31	23.7	2.8	1.5	3.9	-3.9	0	-2.3
2467.9	198	0.27	99.2	51.4	0.425	6.1	32.2	99.2	109	0.558	0.341	19.5	3.9	3.1	3.4	-3.9	0.2	-2.3
2470.2	198	0.265	99.2	51.8	0.425	6.1	32.2	99.2	108	0.8	0.425	19.1	3	2.9	1.6	-3.9	2.3	-2.3
2472.5	198	0.116	99.2	52.9	0.464	6.2	32.4	99.2	108	0.789	0.422	17.5	-1.6	1.6	1.6	-3.9	2.3	-2.3
2474.8	198	0.115	99.2	52.8	0.525	6.2	32.9	99.2	108	0.72	0.39	17.5	-1.6	1.6	3.1	-3.9	1.8	-2.3

2477.1	198	0.283	99.2	51.4	0.508	6.2	32.8	99.2	108	0.72	0.39	19	-0.4	0.5	3.1	-3.9	0.8	-2.3
2479.4	198	0.76	99.2	51.4	0.445	6.3	32.2	99.2	108	0.742	0.396	19	1.6	-1.6	1.6	-3.9	1	-2.3
2481.7	197	0.758	99.2	51.4	0.445	6.3	32.2	99.2	108	0.78	0.41	19	1.6	-1.1	-3.1	-3.9	2.3	-2.3
2484	196	0.72	99.2	51.4	0.445	6.3	32.2	99.2	108	0.723	0.41	19	1.6	2.3	-2.6	-3.9	2.3	-2.3
2486.3	196	0.72	99.2	51.5	0.445	6.3	32.2	99.2	108	0.485	0.41	18.7	1.5	2.3	3.1	-3.1	0.2	-2.3
2488.6	196	0.739	99.2	51.8	0.45	6.2	31.9	99.2	108	0.485	0.41	21	-1.6	0.7	3.1	-3.1	-3.1	-2.3
2490.9	196	0.78	99.2	51.8	0.465	6	30.6	99.2	108	0.505	0.415	21	-1.6	-1.6	1.4	-3.3	-3.1	-2.3
2493.2	196	0.658	99.2	34	0.429	5.8	30.6	99.2	108	0.505	0.425	24.8	-1.1	-1.2	-2.3	-3.9	-3.1	-2.3
2495.5	196	0.001	99.2	7.5	0.135	0.8	24.6	99.2	108	0.372	0.33	32	0	0	-1.9	-3.9	-3.1	-2.3
2497.8	196	0	99.2	18.4	0.135	0.8	16.5	99.2	108	0	0	30	0.1	-0.6	0	-3.9	-3.1	-2.3
2500.1	196	0.096	99.2	53.7	0.162	2.3	21.6	99.2	108	0.012	0.012	21.5	0.8	-6.3	0	-3.9	-3.1	-2.3
2502.4	196	0.095	99.2	51	0.21	5.6	35.3	99.2	108	0.115	0.195	21.6	0.8	-6.3	1.6	-1.3	-2.1	-2.3
2504.7	196	0.086	99.2	11	0.239	5.2	34	99.2	108	0.115	0.195	28.5	-3.8	-6.5	1.6	-4.7	-6.3	-2.3
2507	196	0.056	99.2	11	0.37	2.3	21.2	99.2	108	0.129	0.211	28.5	-11.7	-7	1.8	-4.6	-5.6	-2.4
2509.3	196	0.058	99.2	17.4	0.374	2.3	21.2	99.2	109	0.155	0.25	26.9	-9.8	-6	2.3	-3.9	-0.8	-3.1
2511.6	196	0.096	99.2	32.5	0.484	2.4	21.3	99.2	109	0.148	0.268	22.5	-2.3	-0.8	2.2	-3.9	-0.8	-3.1
2513.9	196	0.095	99.2	35.4	0.485	2.5	21.6	99.2	109	0.115	0.39	21.8	-2.3	-0.8	0.8	-0.8	-1.1	-3.1
2516.2	196	0.146	99.2	53.7	0.475	3.5	25.4	99.2	109	0.133	0.39	14.5	-3.1	-2.3	0.8	-0.8	-1.6	-3.1
2518.5	196	0.25	99.2	53.7	0.445	6.9	42.4	99.2	109	0.625	0.465	14.5	-3.1	-4.7	-0.3	-1.5	-2.1	-2.7
2520.8	194	0.321	99.2	55.5	0.451	7	42.4	99.2	109	0.625	0.585	16.5	-2.2	-4.9	-2.3	-3.1	-3.9	-0.8
2523.1	194	0.68	99.2	58.4	0.505	9	44.7	99.2	109	0.471	0.589	20.5	0	-5.5	-1.7	-2.9	-3.5	-0.8
2525.4	194	0.68	99.2	53.5	0.505	9	44.7	99.2	109	0.095	0.605	21.6	-0.2	-5.1	0.8	-1.6	0	-0.8
2527.7	194	0.68	99.2	39.2	0.481	7.6	39.8	99.2	109	0.12	0.586	26	-1.6	-0.8	0.9	-1.6	0	-0.8
2530	194	0.68	99.2	37.9	0.445	5.1	28.6	99.2	109	0.25	0.425	26.3	-1.3	-0.8	2.3	-3.1	-0.6	-1.3
2532.3	194	0.645	99.2	29	0.401	5.6	29.9	99.2	109	0.25	0.425	29.5	5.5	1	2.3	-3.1	-1.6	-2.3
2534.6	194	0.565	99.2	29	0.27	7.5	36.5	99.2	109	0.447	0.453	29.5	5.5	3.9	2.1	-2.7	-0.8	-2.1
2536.9	194	0.505	99.2	39.6	0.283	7.6	36.5	99.2	109	0.74	0.505	26.6	4.7	3.2	1.6	-1.6	2.3	-0.8
2539.2	194	0.096	99.2	58.4	0.445	9	44	99.2	109	0.592	0.495	20.5	2.3	0.8	1	-1.6	2.3	-0.8
2541.5	194	0.095	99.2	58.2	0.445	9	56.1	99.2	108	0.075	0.445	20.6	1.6	0.8	-3.9	-1.6	0.8	-0.8
2543.8	194	0.356	99.2	57.6	0.459	8.5	49.4	99.2	108	0.074	0.446	21	-4.7	0	-3.9	-1.6	0.8	-0.8
2546.1	194	0.76	99.2	55.1	0.485	7.1	27.1	99.2	108	0.055	0.485	21.2	-4.7	0	-3.3	-1.3	2	-0.2
2548.4	194	0.584	99.2	19.2	0.397	6.2	26.2	99.2	108	0.055	0.485	34	0.6	0.7	-2.3	-0.8	4.7	1.6
2550.7	194	0.001	99.2	19.2	0.015	1.1	18	99.2	108	0.037	0.356	34	10.2	2.3	-1.8	-0.8	4.7	1.7
2553	195	0	99.2	16.2	0.015	1.1	18	99.2	108	0	0	33.3	8.8	2	0	-0.8	4.7	2.3
2555.3	196	0.238	99.2	7.5	0.065	2.4	20.5	99.2	108	0.075	0.008	30.5	0	-1.6	0	-0.8	4.7	2.3
2557.6	196	0.585	99.2	9.7	0.155	5.3	27.8	99.2	108	0.76	0.155	30.5	0	-1.6	0.9	-0.8	2.1	1.3
2559.9	196	0.61	99.2	47.5	0.199	5.1	27.6	99.2	108	0.76	0.155	27.3	2.2	-1.1	2.3	-3.9	7	-1.6
2562.2	196	0.7	99.2	47.5	0.41	3.9	24.7	99.2	108	0.773	0.166	22.5	6.3	0	1.3	-3.9	6.6	-1.6
2564.5	195	0.684	99.2	42.1	0.41	3.9	24.7	99.2	108	0.8	0.195	23.8	5.1	-0.6	-2.3	-3.9	3.1	-1.6
2566.8	194	0.056	99.2	27.5	0.41	2.8	22.2	99.2	108	0.683	0.179	28.5	-1.6	-5.5	-2.2	-3.9	3.1	-1.6
2569.1	194	0.055	99.2	25.8	0.41	0.8	16.5	99.2	108	0	0.015	27.9	-1.6	-5.5	0	-2	0.8	-0.4
2571.4	194	0.243	99.2	14.9	0.34	0.8	16.7	99.2	108	0	0.015	22.5	-1.6	-4.3	0	0.8	-3.1	2.3
2573.7	194	0.68	99.2	14.9	0.115	1.1	18	99.2	108	0.291	0.057	22.5	-1.6	-2.3	0.9	0.8	-1.7	2.3
2576	194	0.589	99.2	18.5	0.121	1.3	18	99.2	108	0.72	0.135	19.7	-0.9	-2.3	3.1	0.8	3.9	2.3
2578.3	194	0.116	99.2	24.3	0.175	5.2	34.1	99.2	108	0.735	0.15	14	0.8	-2.3	2.8	0.6	3.9	2.3
2580.6	194	0.118	99.2	26.2	0.175	5.2	34.1	99.2	108	0.78	0.21	16.2	-0.2	-2.3	0.8	-1.6	3.9	-0.8
2582.9	194	0.82	99.2	33.3	0.284	3.9	29.8	99.2	108	0.706	0.222	27	-7	-2.3	0.8	-1.6	3.9	-0.8
2585.2	194	0.82	99.2	35.1	0.465	1.1	18	99.2	109	0.075	0.485	27	-7	-2.3	-2.3	-0.7	2	0
2587.5	194	0.642	99.2	70.2	0.48	1.7	19	99.2	109	0.075	0.485	27	-3.8	-2.1	-2.3	0.8	-2.3	2.3
2589.8	194	0.096	99.2	70.2	0.545	5.6	28.6	99.2	109	0.309	0.485	27	1.6	-1.6	-3.4	0.8	-3.1	2.3
2592.1	194	0.135	99.2	52.6	0.545	5.6	28.6	99.2	109	0.74	0.485	18.5	0.5	-1.3	-7	0.8	-8.6	2.3
2594.4	194	0.78	99.2	12.9	0.503	3.8	24.6	99.2	110	0.733	0.479	18.5	-3.9	0.8	-6.6	0.8	-8.6	2.3
2596.7	194	0.78	99.2	14.6	0.445	0.7	16.5	99.2	111	0.7	0.425	18.6	-3.9	0.8	-0.8	0.8	-7	2.3
2599	194	0.536	99.2	24.7	0.445	1.1	17.5	99.2	111	0.668	0.425	19.5	-4.7	0.1	-0.8	0.8	-4.7	2.3
2601.3	194	0.115	99.2	24.3	0.445	2	21.2	99.2	111	0.095	0.425	19.5	-4.7	-0.8	-0.8	0.8	-4.5	2.3
2603.6	194	0.098	99.2	20	0.44	1.8	20.6	99.2	111	0.095	0.425	20	-3.4	-1.1	-0.8	0.8	-3.9	2.3
2605.9	194	0.055	99.2	20	0.425	0.7	16.5	99.2	112	0.095	0.414	20	-1.6	-1.6	-1.2	0.8	-3.2	2.3
2608.2	194	0.073	99.2	19	0.424	0.7	16.5	99.2	113	0.095	0.39	19.4	-1.4	-1.1	-2.3	0.8	0	2.3
2610.5	194	0.176	99.2	17.3	0.41	0.9	17.6	99.2	113	0.595	0.39	18	-0.8	0.8	-2.6	0.8	0	2.3
2612.8	194	0.173	99.2	16.8	0.41	0.9	17.6	99.2	113	0.78	0.39	17.8	-1.3	0.7	-3.9	0.8	0	2.3

2615.1	194	0.056	99.2	15.3	0.41	0.9	17.5	99.2	113	0.699	0.388	17	-3.9	-0.8	-3.8	0.8	0	2.3
2617.4	194	0.055	99.2	15.3	0.41	0.9	17.3	99.2	113	0.21	0.37	16.9	-3.9	-0.8	-0.8	0.8	0.3	2.3
2619.7	194	0.104	99.2	15.3	0.41	0.9	17.2	99.2	113	0.21	0.37	15	-3.3	-0.3	-0.8	0.8	0.8	2.3
2622	194	0.23	99.2	15.3	0.41	0.8	16.9	99.2	113	0.331	0.364	15	-2.3	0.8	-1.4	0.8	0.5	2.3
2624.3	194	0.21	99.2	15.3	0.411	0.8	16.9	99.2	113	0.525	0.35	14.4	-2.3	0.6	-3.1	0.8	-0.8	2.3
2626.6	194	0.076	99.2	15.3	0.425	0.8	16.9	99.2	114	0.427	0.35	13	-2.3	0	-2.9	0.8	-0.8	2.3
2628.9	194	0.075	99.2	15.4	0.425	0.8	16.9	99.2	115	0.095	0.35	13.1	-2.3	0	-0.8	0.8	0	2.3
2631.2	194	0.176	99.2	15.7	0.425	0.8	16.9	99.2	115	0.13	0.349	13.5	-2.3	0	-0.8	0.8	0	2.3
2633.5	194	0.33	99.2	15.7	0.425	0.8	16.9	99.2	115	0.445	0.33	13.5	-2.3	0	-2.3	0.8	0	2.3
2635.8	194	0.395	99.2	15.7	0.429	0.8	16.9	99.2	115	0.445	0.33	12	-1.5	0.7	-2.3	0.8	0	2.3
2638.1	194	0.605	99.2	15.7	0.445	0.8	16.9	99.2	115	0.529	0.33	12	0	2.3	-2.1	0.8	0.1	2.3
2640.4	194	0.569	99.2	15.7	0.445	0.8	16.9	99.2	115	0.68	0.33	12	0.2	2.2	-1.6	0.8	0.8	2.3
2642.7	194	0.116	99.2	15.7	0.445	0.8	16.9	99.2	115	0.672	0.327	12	0.8	1.6	-1.4	0.8	0.8	2.3
2645	194	0.115	99.2	15.7	0.445	0.8	16.9	99.2	115	0.64	0.31	12.1	0.5	1.6	0	0.8	0.5	2.3
2647.3	194	0.122	99.2	15.7	0.452	0.8	16.9	99.2	115	0.605	0.31	12.5	-2.3	0.8	0	0.8	0	2.3
2649.6	194	0.135	99.2	15.7	0.465	0.8	16.9	99.2	117	0.25	0.31	12.5	-2.3	0.8	0	0.8	0.7	2.3
2651.9	194	0.143	99.2	15.7	0.468	0.8	16.9	99.2	117	0.25	0.31	12.3	-1.3	1.2	0	0.8	2.3	2.3
2654.2	194	0.175	99.2	15.7	0.485	0.8	16.9	99.2	117	0.207	0.31	12	0.8	2.3	-0.3	0.8	2.3	2.3
2656.5	194	0.168	99.2	15.1	0.485	0.8	16.9	99.2	118	0.115	0.31	10.9	0.5	2.4	-1.6	0.8	2.3	2.3
2658.8	194	0.076	99.2	13.7	0.485	0.8	16.8	99.2	118	0.211	0.307	7.5	-0.8	3.1	-1.4	0.8	2.3	2.3
2661.1	194	0.075	99.2	13.5	0.485	0.7	16.5	99.2	118	0.66	0.29	7.9	-0.6	3.1	0.8	0.8	2.9	2.3
2663.4	194	0.082	99.2	12.5	0.485	0.7	16.4	99.2	118	0.658	0.29	11.5	2.3	3.1	0.8	0.8	3.9	2.3
2665.7	194	0.095	99.2	12.5	0.485	0.6	16.1	99.2	118	0.585	0.282	11.5	2.3	3.1	1.1	0.8	3.5	2.3
2668	194	0.102	99.2	12.7	0.488	0.6	16.1	99.2	118	0.585	0.27	10.8	2.3	3.3	1.6	0.8	2.3	2.3
2670.3	194	0.136	99.2	12.9	0.505	0.8	16.9	99.2	118	0.648	0.27	9.5	2.3	3.9	1.2	0.8	2.2	2.3
2672.6	194	0.135	99.2	13.4	0.505	0.8	16.9	99.2	118	0.8	0.27	10.5	1.9	3.8	-0.8	0.8	0.8	2.3
2674.9	194	0.119	99.2	15.3	0.498	0.8	16.9	99.2	119	0.748	0.269	15.5	-0.8	2.3	-0.8	0.8	0.8	2.3
2677.2	194	0.095	99.2	15.3	0.485	0.8	16.9	99.2	120	0.195	0.25	15.5	-0.8	2.3	-0.8	0.8	1.5	2.3
2679.5	194	0.231	99.2	15.7	0.488	0.8	16.9	99.2	120	0.195	0.25	14.7	-0.5	2.8	-0.8	0.8	3.1	2.3
2681.8	194	0.68	99.2	15.7	0.505	0.8	16.9	99.2	120	0.2	0.246	13.5	0	3.9	-0.7	0.8	3.3	2.3
2684.1	194	0.662	99.2	15.7	0.505	0.8	16.9	99.2	120	0.23	0.23	13.4	0.2	3.9	0	0.8	4.7	2.3
2686.4	194	0.211	99.2	15.7	0.481	0.8	16.9	99.2	120	0.23	0.23	13	1.6	3.9	0	0.8	4.7	2.3
2688.7	194	0.211	99.2	15.7	0.425	0.8	16.9	99.2	122	0.23	0.22	13	1.6	3.9	0.1	0.8	4.7	2.3
2691	194	0.21	99.2	15.7	0.425	0.8	16.9	99.2	122	0.23	0.175	13	1.5	3.9	0.8	0.8	6.3	2.3
2693.3	194	0.39	99.2	15.7	0.326	0.8	16.9	99.2	122	0.23	0.174	13	0.8	6.3	0.8	0.8	6.3	2.3
2695.6	194	0.7	99.2	15.7	0.115	0.8	16.9	99.2	122	0.23	0.155	13	0.8	6.3	1.4	0.8	6.1	2.3
2697.9	194	0.581	99.2	15.7	0.115	0.8	16.9	99.2	122	0.23	0.155	13	2.6	6	2.3	0.8	5.5	2.3
2700.2	194	0.21	99.2	15.7	0.115	0.8	16.9	99.2	122	0.223	0.155	13	5.5	5.5	2.7	0.8	5.6	2.3
2702.5	194	0.196	99.2	15.7	0.112	0.8	16.9	99.2	122	0.21	0.155	13	4.4	4.8	3.9	0.8	6.3	2.3
2704.8	194	0.076	99.2	15.7	0.075	0.8	17.1	99.2	122	0.259	0.147	13	0.8	1.6	3.9	0.8	6.1	2.3
2707.1	194	0.075	99.2	16.1	0.075	0.8	17.3	99.2	122	0.41	0.115	13.9	0.7	1.6	3.9	0.8	3.1	2.3
2709.4	194	0.075	99.2	17.6	0.102	0.7	17.1	99.2	122	0.387	0.116	18.5	0	1.6	3.9	0.8	3.1	2.3
2711.7	194	0.075	99.2	18.4	0.155	0.7	16.5	99.2	124	0.135	0.155	18.5	0	1.6	3.6	0.8	3.3	2.3
2714	194	0.092	99.2	42	0.195	1.1	17	99.2	124	0.135	0.155	18.7	-1.6	-0.2	3.1	0.8	3.9	2.3
2716.3	194	0.155	99.2	42	0.41	4.2	25.9	99.2	124	0.324	0.272	19	-4.7	-4.7	0.7	0.5	3.1	2.3
2718.6	194	0.147	99.2	37.9	0.41	4.2	25.9	99.2	124	0.72	0.585	18.2	-4	-4.1	-7	-0.8	-2.3	2.3
2720.9	194	0.036	99.2	28.2	0.37	3	23.1	99.2	124	0.73	0.539	15.5	-0.8	0	-6.4	-0.8	-2.3	2.3
2723.2	194	0.035	99.2	31.5	0.37	1	17.3	99.2	126	0.78	0.135	15.8	-1	0	2.3	-0.8	-2	1.8
2725.5	194	0.299	99.2	50.6	0.433	1.3	17.6	99.2	126	0.76	0.135	19	-5.5	-2.3	2.3	-0.8	-1.6	0.8
2727.8	194	0.8	99.2	50.6	0.585	2.2	18.8	99.2	127	0.195	0.28	19	-5.5	-5.5	0.8	-0.3	-1.4	1.1
2730.1	194	0.772	99.2	36.4	0.57	2.1	18.8	99.2	127	0.195	0.505	19.5	-3	-3.1	-2.3	0.8	-0.8	2.3
2732.4	194	0.64	99.2	14.5	0.465	0.9	17.3	99.2	127	0.281	0.477	20.5	3.1	3.9	-2.2	0.8	-0.6	2.3
2734.7	194	0.64	99.2	14.7	0.465	0.9	17.3	99.2	127	0.525	0.37	20.6	2.4	3.4	-1.6	0.8	3.9	2.3
2737	194	0.427	99.2	15.3	0.486	0.9	17.6	99.2	127	0.492	0.37	21	-3.1	-3.1	-1.6	0.8	3.9	2.3
2739.3	194	0.115	99.2	16.4	0.525	1	18.4	99.2	127	0.075	0.35	21	-3.1	-3.1	-2.8	-0.8	1.9	1.4
2741.6	194	0.18	99.2	57.3	0.533	2.2	20.2	99.2	127	0.075	0.35	21.2	-1.7	-2.4	-4.7	-3.9	-3.1	-1.6
2743.9	194	0.39	99.2	57.3	0.565	9.5	39.6	99.2	127	0.214	0.319	21.5	0.8	-0.8	-2.9	-3.4	-2.6	-1.5
2746.2	194	0.356	99.2	56.5	0.567	9.5	39.6	99.2	126	0.465	0.25	21.2	-0.4	-0.4	2.3	-1.6	0	-0.8
2748.5	194	0.076	99.2	54.9	0.604	9.6	38.8	99.2	125	0.477	0.283	20.5	-4.7	1.6	2.2	-1.6	-0.1	-0.8
2750.8	194	0.075	99.2	54.9	0.605	9.7	37.3	99.2	122	0.525	0.465	20.5	-4.5	1.6	1.6	-1.6	-3.1	-0.8

2753.1	194	0.224	99.2	54.9	0.512	10.2	37.4	99.2	122	0.534	0.462	20.5	-1.6	0	1.6	-1.6	-3.1	-0.8
2755.4	194	0.485	99.2	54.9	0.29	11.5	38	99.2	118	0.68	0.29	20.5	-1.6	0	2.1	-1.6	-1.3	-0.8
2757.7	194	0.415	99.2	55.1	0.323	11.6	38	99.2	118	0.68	0.29	20.7	0.1	-0.8	3.1	-1.6	3.9	-0.8
2760	194	0.096	99.2	55.3	0.564	12.3	39.6	99.2	118	0.652	0.309	21	3.9	-3.1	3.1	-1.6	3.5	-0.8
2762.3	194	0.095	99.2	54.4	0.565	12.4	39.6	99.2	117	0.565	0.39	21	3.6	-2.9	3.1	-1.6	-3.1	-0.8
2764.6	194	0.109	99.2	50.6	0.546	11.3	38.3	99.2	117	0.571	0.39	21	0.8	1.6	3.1	-1.6	-3.1	-0.8
2766.9	194	0.135	99.2	50.3	0.505	8.4	33.7	99.2	117	0.7	0.445	21	0.8	1.6	3.4	-2.6	-0.4	-0.8
2769.2	194	0.259	99.2	16.1	0.451	7.9	33.4	99.2	117	0.7	0.445	26.5	5.2	3.1	3.9	-4.7	7	-0.8
2771.5	194	0.78	99.2	16.1	0.115	3.3	23.9	99.2	117	0.7	0.387	35	14.1	7	3.4	-4.7	6.6	-0.8
2773.8	194	0.778	99.2	19.4	0.115	3.3	23.9	99.2	117	0.7	0.21	33.1	11.6	6.3	1.6	-4.7	3.9	-1.6
2776.1	194	0.74	99.2	27.8	0.139	2.9	23.1	99.2	117	0.694	0.21	26.5	0	0.8	1.8	-4.6	3.9	-1.6
2778.4	194	0.74	99.2	26.6	0.175	2.3	21.2	99.2	117	0.66	0.21	26.7	0	0.8	4.7	-0.8	2.1	-0.3
2780.7	194	0.613	99.2	15.3	0.18	2.1	20.5	99.2	117	0.658	0.21	30	0.8	2.3	4.7	-0.8	-0.8	2.3
2783	194	0.33	99.2	15.3	0.195	1.2	16.5	99.2	118	0	0.197	30	0.8	4.7	3.2	-0.4	-0.6	2.3
2785.3	194	0.273	99.2	12.4	0.17	1.1	16.5	99.2	118	0	0.175	28.5	0.6	3.6	0	0.8	0	2.3
2787.6	194	0.001	99.2	7.8	0	0.7	16.9	99.2	118	0.004	0.14	25.5	0	0	0	0.8	0.1	2.3
2789.9	194	0.001	99.2	8.1	0	0.7	16.9	99.2	118	0.015	0.015	25.9	0	0.4	0	0.8	0.8	2.3
2792.2	194	0.096	99.2	9	0.021	0.8	17	99.2	118	0.068	0.021	28	0	5.5	0.1	0.8	0.8	2.3
2794.5	194	0.095	99.2	8.9	0.055	0.9	17.3	99.2	118	0.525	0.115	28	0	5.5	3.1	0.8	2.7	2.3
2796.8	194	0.188	99.2	8.2	0.055	0.9	17.3	99.2	118	0.525	0.115	29	3.4	5.8	3.1	0.8	6.3	2.3
2799.1	194	0.425	99.2	8.2	0.055	0.9	17.3	99.2	118	0.501	0.122	29	8.6	6.3	3.1	0.8	6.2	2.3
2801.4	194	0.368	99.2	8.4	0.051	0.9	17.3	99.2	118	0.465	0.135	29.2	6.9	5	3.1	0.8	5.5	2.3
2803.7	194	0.001	99.2	8.6	0	0.9	17.4	99.2	118	0.346	0.108	29.5	2.3	0	2.6	0.8	5.5	2.3
2806	193	0	99.2	7.9	0	0.9	17.6	99.2	118	0	0	30.6	2	0	0	0.8	5.5	2.3
2808.3	192	0.001	99.2	5.5	0	1	17.6	99.2	118	0	0	35.5	0	0	0	0.8	5.5	2.3
2810.6	192	0	99.2	6	0	1	17.6	99.2	118	0	0	35.5	0	0	0	0.2	0	2.3
2812.9	190	0.219	99.2	11.8	0.022	1	17.2	99.2	118	0	0	34.5	0	2.2	0	-0.8	0	2.3
2815.2	190	0.78	99.2	11.8	0.095	1.7	20	99.2	118	0.361	0.203	34.5	0	6.3	-2.6	-0.8	-2.2	2.3
2817.5	190	0.655	99.2	9.9	0.164	1.7	20	99.2	118	0.895	0.585	33.1	0	4.9	-8.6	-0.8	-10.9	2.3
2819.8	190	0.001	99.2	6.7	0.779	0.7	16.5	99.2	118	0.658	0.466	30	0	0	-7.2	-0.8	-10.9	2.3
2822.1	190	0	99.2	7.3	0.78	0.7	16.5	99.2	118	0	0	29.3	0	0	0	-0.8	-10.9	2.3
2824.4	189	0	99.2	9.4	0.529	0.8	16.7	99.2	118	0	0	25.5	0	0	0	-0.8	-10.9	2.3
2826.7	188	0	99.2	9.4	0	0.9	17.3	99.2	118	0	0	25.5	0	0	0	0.8	0	2.3
2829	187	0.15	99.2	10.2	0.013	1	17.5	99.2	118	0	0	27.6	0.3	-0.6	0	0.8	0	2.3
2831.3	187	0.72	99.2	10.2	0.095	2.5	22	99.2	118	0.238	0.032	31	0.8	-2.3	-2.9	0.5	-0.5	2.3
2833.6	187	0.719	99.2	12.5	0.095	2.5	22	99.2	118	0.835	0.135	31.2	0.3	-2.5	-14.8	-1.6	-7	1.6
2835.9	187	0.251	99.2	20	0.123	2.7	22.4	99.2	118	0.828	0.136	32	-3.1	-6.3	-14.8	-1.6	-7	1.6
2838.2	187	0.25	99.2	20.3	0.175	3.1	23.5	99.2	115	0.76	0.155	32	-3.1	-6.3	-7.7	-1.9	-2.3	0.7
2840.5	187	0.25	99.2	24.7	0.196	2.9	23.2	99.2	115	0.76	0.155	29.5	-1.1	-1.9	2.3	-2.3	7.8	-1.6
2842.8	187	0.25	99.2	24.7	0.29	2	20.8	99.2	115	0.528	0.161	29.5	2.3	7.8	3.5	-2	6.9	-1.2
2845.1	187	0.246	99.2	26.8	0.29	2	20.8	99.2	115	0.075	0.175	28.3	2	7.3	7	-0.8	2.3	2.3
2847.4	187	0.176	99.2	32.2	0.414	2.7	21.8	99.2	114	0.168	0.177	24.5	0.8	3.9	6.8	-0.8	2.3	2.3
2849.7	187	0.175	99.2	30.3	0.585	3.8	23.9	99.2	113	0.74	0.195	25	0.8	3.9	3.1	-0.8	2.3	2.3
2852	187	0.125	99.2	14.1	0.443	3.2	22.7	99.2	113	0.74	0.195	32.5	1.6	4.8	3.1	-0.8	2.3	2.3
2854.3	187	0.015	99.2	14.1	0.035	0.7	16.5	99.2	113	0.015	0.14	32.5	1.6	6.3	2.7	-1	1.4	2.2
2856.6	187	0.121	99.2	15.7	0.045	0.8	16.5	99.2	113	0.015	0.035	32.2	0	4.2	1.6	-1.6	-2.3	1.6
2858.9	187	0.78	99.2	18.8	0.175	3.5	18.4	99.2	113	0.107	0.05	31.5	-4.7	-3.9	2	-1.6	-2.3	1.6
2861.2	187	0.78	99.2	18.7	0.175	3.5	21.6	99.2	111	0.465	0.135	31.6	-4.3	-3.8	6.3	-0.8	-0.4	1.9
2863.5	187	0.648	99.2	18.4	0.157	3.4	22	99.2	111	0.469	0.135	32	1.6	6.3	6.3	-0.8	2.3	2.3
2865.8	187	0.41	99.2	18.4	0.115	3.2	23.5	99.2	111	0.545	0.143	32	1.6	6.3	3.4	-1.5	1.7	1.6
2868.1	187	0.363	99.2	18.4	0.132	3.1	23.5	99.2	111	0.545	0.155	32.2	2.1	6.1	-1.6	-3.1	0	-0.8
2870.4	187	0.155	99.2	18.4	0.25	2.2	21.2	99.2	111	0.574	0.165	32.5	3.1	5.5	-1.3	-2.7	0	-0.6
2872.7	187	0.185	99.2	18.3	0.251	2.2	21.2	99.2	111	0.64	0.195	32.6	2.7	4.6	0	-0.8	0	2.3
2875	187	0.74	99.2	18	0.505	2.2	20.8	99.2	111	0.668	0.202	33	0.8	-1.6	0	-0.8	0	2.3
2877.3	187	0.74	99.2	19.5	0.505	2.1	20	99.2	109	0.8	0.25	32.5	0.7	-1.6	0	-0.8	1.2	2.3
2879.6	187	0.752	99.2	29.8	0.433	2.4	20.6	99.2	109	0.795	0.25	27.5	-2.3	0	0	-0.8	3.1	2.3
2881.9	187	0.78	99.2	29.8	0.23	3.5	23.9	99.2	109	0.37	0.371	27.5	-2.3	0	-0.7	-1.4	2.1	2.1
2884.2	187	0.719	99.2	25.8	0.249	3.5	23.9	99.2	109	0.37	0.585	28.8	-1.6	0	-2.3	-3.1	-1.6	0.8
2886.5	187	0.136	99.2	18.4	0.544	3.4	23.9	99.2	109	0.408	0.588	32	0.8	0	-2.4	-3.1	-1.6	0.8
2888.8	187	0.135	99.2	20.2	0.545	3.4	23.9	99.2	109	0.545	0.605	31.7	0.7	0	-3.1	-3.1	-1.6	0.2

2891.1	187	0.135	99.2	29.4	0.562	3.5	24.1	99.2	109	0.553	0.605	29	-1.6	3.9	-3.1	-3.1	-1.6	-0.8
2893.4	187	0.135	99.2	29.4	0.605	3.9	24.7	99.2	108	0.78	0.605	29	-1.6	3.9	-2.6	-3.6	0.2	-1.1
2895.7	187	0.198	99.2	30.6	0.581	3.9	24.7	99.2	108	0.78	0.605	29	0.1	3.9	-1.6	-4.7	5.5	-2.3
2898	187	0.505	99.2	30.6	0.41	4	24.7	99.2	108	0.74	0.591	29	3.9	3.9	-0.6	-4.7	4.9	-2.3
2900.3	187	0.502	99.2	30.5	0.41	4	24.7	99.2	108	0.64	0.545	29.1	3.9	3.8	3.9	-4.7	-1.6	-3.1
2902.6	187	0.156	99.2	30.2	0.479	4	24.8	99.2	107	0.664	0.555	29.5	3.9	3.1	3.7	-4.7	-1.6	-3.1
2904.9	187	0.155	99.2	27.4	0.585	4.1	25.1	99.2	106	0.835	0.659	29.4	3.8	3.1	-0.8	0.8	-1	-1.4
2907.2	187	0.266	99.2	10.2	0.462	4.4	25.2	99.2	106	0.835	0.66	28.5	0	-0.1	-0.8	0.8	0	2.3
2909.5	187	0.485	99.2	10.2	0.115	5.4	25.5	99.2	106	0.6	0.632	28.5	0	-4.7	-1.8	-0.5	0.2	1.6
2911.8	187	0.438	99.2	29.7	0.125	5.3	25.5	99.2	106	0.29	0.585	25.6	0.7	-3.9	-3.9	-3.9	0.8	-1.6
2914.1	187	0.23	99.2	57.3	0.195	5	27.5	99.2	106	0.317	0.542	20.5	2.3	-1.6	-3.5	-4	0.8	-1.6
2916.4	187	0.241	99.2	56.1	0.195	5	27.5	99.2	106	0.505	0.35	20.7	2	-1.7	-1.6	-4.7	0.8	-2.3
2918.7	187	0.625	99.2	51.4	0.315	5.6	31.6	99.2	106	0.505	0.35	21.5	0	-3.1	-1.6	-4.7	0.8	-2.3
2921	187	0.625	99.2	51.4	0.585	7.3	46.7	99.2	106	0.505	0.396	21.5	0	-3.1	-0.5	-4.4	0.7	-2.3
2923.3	187	0.625	99.2	54.2	0.585	7.3	46.7	99.2	106	0.505	0.585	20.7	-0.3	-2.8	5.5	-1.6	-2.3	-0.8
2925.6	187	0.464	99.2	63.9	0.604	8.4	47.1	99.2	106	0.466	0.586	16.5	-3.1	3.1	5.5	-1.6	-2.3	-0.8
2927.9	187	0.23	99.2	63.3	0.64	11.1	48.2	99.2	106	0.115	0.604	16.6	-3.1	3.1	1.9	-1.6	-2.6	-0.8
2930.2	189	0.366	99.2	54.9	0.648	10.6	46.3	99.2	106	0.115	0.605	20	-3.7	0.3	-3.1	-1.6	-3.1	-0.8
2932.5	189	0.76	99.2	54.9	0.68	7.6	29	99.2	106	0.101	0.53	20	-4.7	-5.5	-3.1	-2.1	-2.5	-1
2934.8	189	0.704	99.2	50.5	0.672	7.6	29	99.2	106	0.075	0.35	21.6	-3.5	-4.9	-3.1	-3.9	0.8	-2.3
2937.1	189	0.156	99.2	41.6	0.37	7	28.9	99.2	106	0.093	0.37	26	0.8	-1.6	-3	-3.9	0.8	-2.3
2939.4	189	0.155	99.2	42.1	0.37	6.1	28.6	99.2	106	0.175	0.505	25.9	0.6	-1.6	-1.6	-3.9	0.1	-2.3
2941.7	190	0.14	99.2	44.3	0.413	6	28.5	99.2	106	0.197	0.505	25.5	-2.3	-1.6	-1.6	-3.9	-0.8	-2.3
2944	190	0.115	99.2	44.1	0.505	5.8	28.2	99.2	104	0.72	0.48	25.5	-2.3	-1.6	-1.9	-3.9	0.5	-2.3
2946.3	190	0.26	99.2	39.6	0.481	5.8	28.1	99.2	104	0.72	0.445	25.9	-0.1	-1.4	-2.3	-3.9	3.9	-2.3
2948.6	190	0.76	99.2	39.6	0.37	5.6	27.5	99.2	104	0.631	0.45	26.5	3.9	-0.8	-2.3	-3.9	3.8	-2.3
2950.9	190	0.761	99.2	38.1	0.371	5.6	27.5	99.2	104	0.445	0.465	27.1	2.4	-1.2	-2.3	-3.9	3.1	-2.3
2953.2	190	0.78	99.2	34.5	0.485	4.8	26.2	99.2	104	0.493	0.463	29	-3.9	-3.9	-2.4	-3.9	3.1	-2.3
2955.5	190	0.78	99.2	33	0.485	3.5	23.5	99.2	104	0.74	0.445	29.3	-3.9	-3.9	-3.9	-3.5	2.8	-1.8
2957.8	190	0.553	99.2	22.4	0.479	3.5	23.6	99.2	104	0.721	0.445	33	-3.9	-1.4	-3.9	-3.1	2.3	-0.8
2960.1	190	0.115	99.2	22.5	0.465	3.8	24.3	99.2	104	0.21	0.431	33	-3.9	2.3	-1.5	-3.3	1.1	-1.1
2962.4	190	0.187	99.2	26.7	0.468	3.8	24.3	99.2	104	0.21	0.41	32.3	-2.7	0.9	3.1	-3.9	-2.3	-2.3
2964.7	190	0.485	99.2	26.7	0.485	3.7	23.9	99.2	104	0.359	0.41	31	0	-3.1	2.4	-3.9	-2	-2.3
2967	190	0.485	99.2	26.5	0.485	3.7	23.9	99.2	104	0.76	0.41	31	0.2	-2.7	-0.8	-3.9	2.3	-2.3
2969.3	190	0.352	99.2	25.9	0.478	4.3	25	99.2	104	0.76	0.414	31	1.6	3.9	-0.8	-3.9	2.3	-2.3
2971.6	190	0.155	99.2	26.2	0.465	6	28.6	99.2	104	0.76	0.525	31	1.6	3.9	0.2	-4.2	2.5	-2.5
2973.9	190	0.28	99.2	45.9	0.451	6	28.6	99.2	104	0.76	0.525	28.9	0.3	2.6	1.6	-4.7	3.1	-3.1
2976.2	190	0.72	99.2	45.9	0.37	6	28.6	99.2	103	0.549	0.52	25.5	-2.3	-0.8	1.8	-4.7	2.5	-3.1
2978.5	190	0.721	99.2	42	0.37	6	28.6	99.2	102	0.115	0.505	26.2	-2.6	-0.9	2.3	-4.7	-2.3	-3.1
2980.8	190	0.74	99.2	31	0.393	6.1	28.7	99.2	102	0.118	0.497	29	-3.9	-1.6	2.3	-4.7	-2.3	-3.1
2983.1	190	0.74	99.2	29.9	0.425	6.4	29	99.2	102	0.135	0.425	29.3	-3.9	-1.6	2.3	-4.7	-2.6	-2.6
2985.4	190	0.547	99.2	23.1	0.446	6.3	28.9	99.2	102	0.139	0.425	32.5	-4.7	0	2.3	-4.7	-3.1	-1.6
2987.7	190	0.135	99.2	23.1	0.505	6	28.6	99.2	100	0.7	0.388	32.5	-4.7	2.3	1	-4.5	-2.9	-1.9
2990	190	0.251	99.2	24.4	0.473	5.9	28.5	99.2	100	0.7	0.33	31.9	-2.5	1.2	-1.6	-3.9	-2.3	-3.1
2992.3	190	0.76	99.2	26.3	0.25	3.9	24.7	99.2	100	0.668	0.335	31	2.3	-1.6	-1.5	-3.8	-1.9	-3.1
2994.6	190	0.754	99.2	33.2	0.25	3.9	24.7	99.2	100	0.585	0.35	29.1	2.3	-1.8	-0.8	-3.1	3.1	-1.6
2996.9	190	0.565	99.2	54.9	0.358	5.4	29.2	99.2	100	0.594	0.367	21.5	2.3	-3.1	-0.7	-3.1	3.1	-1.6
2999.2	190	0.565	99.2	54.9	0.525	8.2	40.4	99.2	100	0.66	0.565	21.5	2.3	-3.1	0.8	-2.5	0.9	-1.4
3001.5	190	0.602	99.2	54.9	0.507	8.2	40.2	99.2	100	0.66	0.565	21.5	0.2	-2.8	0.8	-1.6	-3.1	-0.8
3003.8	190	0.7	99.2	54.9	0.445	8.2	38.8	99.2	99	0.676	0.532	21.5	-3.1	-2.3	-0.6	-1.6	-2.8	-0.8
3006.1	190	0.638	99.2	53.3	0.438	8.2	38.8	99.2	99	0.7	0.465	21.6	-3.1	-2.4	-3.9	-1.6	-1.6	-0.8
3008.4	190	0.136	99.2	50.2	0.29	7.8	36.3	99.2	99	0.708	0.459	22	-3.1	-3.1	-4.2	-1.5	-1.6	-0.8
3010.7	190	0.135	99.2	43.2	0.29	7.1	31.8	99.2	99	0.74	0.425	23.5	-2.9	-3	-6.3	-0.8	-5.5	0.3
3013	190	0.128	99.2	5.9	0.235	6.1	30.4	99.2	99	0.74	0.425	35	0	0	-6.3	-0.8	-5.5	2.3
3015.3	190	0.115	99.2	5.9	0.095	2.8	23.9	99.2	100	0.78	0.328	35	0	0	-6.3	-1.6	-5.2	1.8
3017.6	190	0.132	99.2	11.3	0.102	2.8	23.9	99.2	100	0.78	0.155	34.5	1	0.6	-6.3	-3.9	-3.9	-0.8
3019.9	190	0.251	99.2	20.8	0.175	2.6	23.2	99.2	100	0.78	0.162	33.5	3.9	3.1	-6	-4	-3.9	-0.8
3022.2	190	0.25	99.2	25.6	0.175	2.6	22	99.2	100	0.78	0.195	32.3	3.6	3.1	-3.9	-4.7	-3.9	-1.6
3024.5	190	0.41	99.2	50.2	0.231	3.5	23.4	99.2	100	0.78	0.195	22.5	-2.3	3.1	-3.9	-4.7	-3.9	-3.1
3026.8	190	0.72	99.2	50.2	0.37	6.4	29.8	99.2	99	0.78	0.315	22.5	-2.3	3.1	-2.8	-4.2	-2.2	-2.8

3029.1	190	0.669	99.2	49.1	0.389	6.3	29.8	99.2	99	0.78	0.505	22.5	-2.3	1.7	-0.8	-3.1	3.1	-1.6
3031.4	190	0.41	99.2	47.5	0.545	4.6	29.8	99.2	99	0.759	0.509	22.5	-2.3	-2.3	-1.3	-3.2	3.1	-1.6
3033.7	190	0.41	99.2	42.3	0.545	4.6	29.8	99.2	99	0.7	0.525	24.1	-2.3	-2	-3.9	-3.9	2.3	-1.6
3036	190	0.302	99.2	25.1	0.525	4	24.2	99.2	99	0.691	0.523	31.5	-2.3	1.6	-3.9	-3.9	2.3	-1.6
3038.3	190	0.135	99.2	25.3	0.485	2.4	21.2	99.2	99	0.565	0.41	31.5	-2.3	1.6	-2.7	-4.2	0.4	-2
3040.6	190	0.126	99.2	30.6	0.435	2.5	21.3	99.2	99	0.565	0.41	29	-0.4	2.7	-0.8	-4.7	-4.7	-3.1
3042.9	190	0.096	99.2	30.6	0.175	3.1	22.7	99.2	99	0.623	0.405	29	3.1	5.5	-0.6	-4.2	-3.6	-2.8
3045.2	190	0.11	99.2	28.1	0.175	3.1	22.7	99.2	99	0.76	0.39	30	2.1	4.7	0	-1.6	5.5	1.6
3047.5	189	0.625	99.2	21.2	0.198	3	22.6	99.2	99	0.749	0.388	33.5	-3.1	-2.3	0.1	-1.6	5.5	1.6
3049.8	189	0.625	99.2	19.5	0.23	2.9	22.4	99.2	99	0.68	0.37	33.6	-3	-2.3	3.1	-1.3	2.2	1.8
3052.1	189	0.604	99.2	7.8	0.264	3.3	23.4	99.2	99	0.682	0.37	35	0	-1	3.1	-0.8	-3.1	2.3
3054.4	188	0.565	99.2	7.9	0.35	4.3	27.8	99.2	99	0.76	0.354	35	0	0.8	0.6	-1.5	-3.3	1.5
3056.7	187	0.607	99.2	50.6	0.34	4.5	27.8	99.2	99	0.76	0.33	29.8	1.6	0.3	-3.9	-3.1	-3.9	-1.6
3059	187	0.76	99.2	50.6	0.29	6.6	27.1	99.2	98	0.747	0.395	22	4.7	-0.8	-3	-3.4	-3.9	-1.6
3061.3	187	0.759	99.2	47.9	0.291	6.6	27.1	99.2	97	0.72	0.565	23.1	3	-1.2	0	-4.7	-3.9	-1.6
3063.6	187	0.74	99.2	41.2	0.504	5.6	26.1	99.2	97	0.66	0.56	26.5	-4.7	-3.9	0.1	-4.7	-3.9	-1.6
3065.9	187	0.74	99.2	39	0.505	3.5	23.5	99.2	97	0.27	0.505	26.7	-4.7	-3.9	1.6	-4.1	-4.2	-1.1
3068.2	187	0.549	99.2	16.5	0.505	3.2	22.9	99.2	97	0.27	0.505	34.5	-4.7	-4.4	1.6	-3.1	-4.7	0
3070.5	187	0.035	99.2	16.5	0.505	1	17.3	99.2	97	0.172	0.344	34.5	-4.7	-5.5	1.2	-3.1	-4.7	0.3
3072.8	189	0.101	99.2	14	0.486	1	17.3	99.2	97	0	0	28.9	-3.6	-4.8	0	-3.1	-4.7	2.3
3075.1	189	0.68	99.2	9	0.135	6.7	20.5	99.2	97	0.122	0.023	15	0	-1.6	-0.7	0.6	0.1	2.3
3077.4	188	0.68	99.2	8.9	0.135	6.7	25.5	99.2	97	0.545	0.135	17.4	0	-1.6	-5.5	-1.6	2.3	2
3079.7	187	0.729	99.2	8.6	0.121	5.7	25.7	99.2	97	0.511	0.136	30	0	0	-5.5	-1.6	2.3	1.6
3082	187	0.8	99.2	12.6	0.095	3.3	26.3	99.2	97	0.155	0.155	29.7	0	0	-3.2	-2.8	2.3	0.5
3084.3	187	0.639	99.2	52.5	0.176	3.3	25.8	99.2	97	0.155	0.155	22	-0.7	1.1	0	-4.7	2.3	-2.3
3086.6	187	0.25	99.2	52.5	0.425	3	22.7	99.2	97	0.131	0.201	22	-1.6	3.1	-1.6	-3.8	0.9	-1.6
3088.9	187	0.218	99.2	35.1	0.385	3	22.7	99.2	97	0.095	0.29	24.9	-1.1	2.4	-5.5	-0.8	-4.7	2.3
3091.2	187	0.056	99.2	6.7	0.055	3	27.1	99.2	97	0.263	0.258	30.5	0	0	-5.2	-1.2	-4.5	2.2
3093.5	187	0.055	99.2	17.4	0.055	3	27.1	99.2	97	0.74	0.135	29	-0.1	0	-3.9	-3.9	-2.3	-2.3
3095.8	187	0.356	99.2	51	0.195	3.5	25.6	99.2	97	0.674	0.158	22.5	-0.8	0	-3.9	-3.9	-2.3	-2.3
3098.1	187	0.78	99.2	48.4	0.445	4.7	21.2	99.2	97	0.135	0.565	22.7	-0.8	0	-2.3	-2.8	-1.8	-1
3100.4	187	0.63	99.2	20.8	0.467	5	22.2	99.2	97	0.135	0.565	30	-2.5	-1.4	-2.3	-0.8	-0.8	2.3
3102.7	187	0.136	99.2	20.8	0.565	6.1	31	99.2	97	0.286	0.543	30	-5.5	-4.7	-1.8	-1.4	-0.4	1.9
3105	187	0.136	99.2	27	0.565	6.1	31	99.2	97	0.605	0.485	28.5	-4.9	-4.3	0	-4.7	2.3	-2.3
3107.3	187	0.76	99.2	45.1	0.503	5.9	30.2	99.2	97	0.591	0.485	23	-1.6	-0.8	0	-4.7	2.3	-2.3
3109.6	187	0.76	99.2	45.1	0.39	5.5	27.8	99.2	97	0.465	0.485	23	-1.6	-0.8	-0.9	-4.4	2.3	-2.3
3111.9	189	0.751	99.2	44.3	0.411	5.5	27.8	99.2	97	0.465	0.485	25	-1	-1.5	-2.3	-3.9	2.3	-2.3
3114.2	189	0.72	99.2	44.3	0.505	5.4	27.8	99.2	97	0.561	0.469	25	0	-3.1	-2.1	-3.9	2.4	-2.3
3116.5	189	0.693	99.2	45.7	0.505	5.4	27.8	99.2	97	0.76	0.425	24.4	-0.4	-2.4	-1.6	-3.9	3.1	-2.3
3118.8	189	0.116	99.2	49.4	0.505	5.4	27.6	99.2	97	0.753	0.425	22.5	-2.3	2.3	-1.4	-3.9	3.1	-2.3
3121.1	189	0.115	99.2	44.2	0.505	5.3	27.1	99.2	97	0.72	0.425	23.6	-2.3	2.3	1.6	-4.7	2.8	-2.3
3123.4	189	0.322	99.2	16.5	0.499	4.5	25.7	99.2	97	0.678	0.425	34	-2.3	-1.5	1.6	-4.7	2.3	-2.3
3125.7	189	0.68	99.2	18.3	0.485	2.1	20.8	99.2	97	0.135	0.401	34	-2.3	-6.3	1	-4.2	0.2	-2.1
3128	189	0.699	99.2	49	0.45	2.7	21.6	99.2	97	0.135	0.37	29.2	-1.8	-4.9	0	-3.1	-4.7	-1.6
3130.3	189	0.76	99.2	49	0.29	6.3	30.6	99.2	97	0.128	0.43	22.5	-0.8	-1.6	0.6	-3.3	-3.5	-1.7
3132.6	190	0.718	99.2	47.2	0.295	6.3	30.6	99.2	97	0.115	0.565	23.3	-0.1	-1.8	2.3	-3.9	3.1	-2.3
3134.9	190	0.096	99.2	43.1	0.525	5.5	28.7	99.2	97	0.235	0.541	25.5	3.1	-3.1	1.8	-3.9	3.1	-2.3
3137.2	190	0.095	99.2	41	0.525	4	24.7	99.2	97	0.76	0.39	25.9	3.1	-3.1	-3.1	-4.7	1	-2.6
3139.5	190	0.289	99.2	26.7	0.515	3.8	24.2	99.2	97	0.76	0.39	30.5	2.3	-3.4	-3.1	-4.7	-2.3	-3.1
3141.8	190	0.74	99.2	26.7	0.485	2.7	21.6	99.2	97	0.71	0.383	30.5	2.3	-3.9	-1.6	-3.9	-2.6	-2.3
3144.1	190	0.742	99.2	23.6	0.462	2.7	21.6	99.2	97	0.64	0.37	31.3	0.5	-4.1	1.6	-1.6	-3.9	1.6
3146.4	190	0.76	99.2	18.4	0.155	3.2	22.2	99.2	97	0.674	0.37	33	-4.7	-4.7	0.8	-1.6	-3.5	1.6
3148.7	190	0.76	99.2	18.5	0.155	3.2	23.1	99.2	97	0.78	0.37	33.2	-3.9	-4.5	-3.1	-1.6	3.1	1.6
3151	190	0.76	99.2	18.8	0.175	2.5	21.4	99.2	97	0.711	0.356	34	1.6	-2.3	-3.1	-1.6	3.1	1.6
3153.3	190	0.76	99.2	18	0.21	1.1	16.5	99.2	97	0	0	33.9	1.6	-2.3	-1.8	-1.6	3.1	1.8
3155.6	189	0.553	99.2	7.5	0.165	1	16.5	99.2	97	0	0	28.5	1	-1.5	0	-1.6	3.1	2.3
3157.9	189	0	99.2	7.5	0	0.7	16.5	99.2	97	0	0	28.5	0	0	0	0.8	0	2.3
3160.2	189	0	99.2	7.6	0	0.7	16.5	99.2	97	0	0	27.8	0	0	0	0.8	0	2.3
3162.5	189	0.001	99.2	7.8	0	0.7	16.5	99.2	97	0	0	26	0	0	0	0.8	0	2.3
3164.8	188	0	99.2	8.1	0	0.7	16.5	99.2	97	0	0	25.7	0	0	0	0.8	0	2.3

3167.1	187	0.018	99.2	9.8	0.01	1.8	18.6	99.2	97	0.02	0	23	0	0	0	0.8	0	2.3
3169.4	187	0.055	99.2	9.8	0.035	5.3	27.5	99.2	97	0.565	0.072	23	0	0	1.1	0.1	-0.8	1.7
3171.7	187	0.07	99.2	30.5	0.117	5.5	27.9	99.2	97	0.565	0.175	22.4	-1.5	0.2	3.1	-1.6	-3.1	-0.8
3174	187	0.135	99.2	60	0.605	8.6	36.9	99.2	97	0.64	0.305	21.5	-4.7	0.8	1.9	-1.8	-3.5	-0.8
3176.3	187	0.14	99.2	50.9	0.605	8.7	36.9	99.2	97	0.82	0.7	23.8	-4.7	0.2	-3.1	-3.1	-7.8	-0.8
3178.6	187	0.425	99.2	23.9	0.597	7.9	34.5	99.2	97	0.797	0.693	32.5	-4.7	-4.7	-3.1	-3.1	-7.8	-0.8
3180.9	187	0.425	99.2	22.8	0.585	6.5	28.6	99.2	97	0.605	0.585	32.2	-4.7	-4.7	-3.9	-3.1	-6.5	0.1
3183.2	187	0.32	99.2	10.2	0.565	5.9	28	99.2	97	0.605	0.585	26	-6	-5.3	-3.9	-3.1	-3.9	2.3
3185.5	187	0.075	99.2	10.2	0.505	3.4	24.7	99.2	97	0.407	0.598	26	-7.8	-6.3	-3	-2.7	-3.3	2.3
3187.8	187	0.072	99.2	10.4	0.507	3.4	24.7	99.2	97	0.095	0.625	26	-6.1	-5.3	-0.8	-1.6	-0.8	2.3
3190.1	187	0.056	99.2	10.6	0.525	2.1	23.5	99.2	97	0.187	0.617	26	-1.6	-1.6	-1.1	-1.5	-1	2.3
3192.4	187	0.06	99.2	12.5	0.525	2.1	21.6	99.2	97	0.465	0.585	26.5	-0.5	-1.4	-3.1	-0.8	-3.9	2.3
3194.7	187	0.66	99.2	18.4	0.376	2.4	21.9	99.2	97	0.487	0.577	28.5	6.3	0.8	-2.8	-0.8	-3.9	2.3
3197	187	0.66	99.2	18.2	0.135	2.9	22.7	99.2	97	0.64	0.485	28.6	6.3	0.8	5.5	-1.4	-0.6	1.9
3199.3	187	0.508	99.2	16.5	0.148	3	22.5	99.2	97	0.64	0.485	30	4.7	1.3	5.5	-2.3	5.5	0.8
3201.6	187	0.095	99.2	16.5	0.195	3	20.8	99.2	97	0.445	0.441	30	2.3	2.3	2.6	-1.6	4.5	1
3203.9	187	0.097	99.2	20.7	0.193	3	20.8	99.2	97	0.115	0.35	29.4	1.2	2	-4.7	0.8	0	2.3
3206.2	187	0.116	99.2	29	0.155	5.8	24.2	99.2	97	0.128	0.323	28	-2.3	0.8	-3.4	0.4	-0.1	2.3
3208.5	187	0.115	99.2	32.7	0.155	5.8	29.8	99.2	97	0.175	0.195	27.2	-1.7	0.7	5.5	-3.9	-2.3	0.4
3210.8	187	0.115	99.2	48.6	0.265	5.3	28.6	99.2	97	0.221	0.203	22.5	3.9	-2.3	5.5	-3.9	-2.3	-2.3
3213.1	187	0.115	99.2	49.2	0.485	4	24.7	99.2	97	0.76	0.465	22.4	3.9	-2.3	4.5	-3.1	-0.6	-2.3
3215.4	187	0.55	99.2	57.6	0.501	4.2	24.7	99.2	97	0.76	0.465	19.5	0.8	-1	3.1	-1.6	3.1	-2.3
3217.7	187	0.74	99.2	57.6	0.565	5.1	25.1	99.2	97	0.571	0.452	19.5	-3.9	1.6	1.1	-2.3	2.3	-2.3
3220	187	0.688	99.2	49.9	0.545	5.1	25.1	99.2	97	0.25	0.425	21.4	-3.9	2.1	-3.9	-4.7	-0.8	-2.3
3222.3	187	0.25	99.2	35.3	0.21	4.5	25.4	99.2	97	0.335	0.404	26	-3.9	3.9	-2.9	-4.7	-0.7	-2.3
3224.6	187	0.25	99.2	39	0.21	4.5	25.9	99.2	97	0.68	0.29	25.2	-3.7	3.8	5.5	-4.7	5.5	-2.3
3226.9	187	0.408	99.2	56.5	0.312	5.1	28.2	99.2	97	0.68	0.29	19.5	-0.8	-1.6	5.5	-4.7	5.5	-2.3
3229.2	187	0.72	99.2	56.5	0.565	7	38.8	99.2	97	0.76	0.415	19.5	-0.8	-1.6	2.7	-3.7	4.5	-2.2
3231.5	189	0.63	99.2	48.5	0.565	6.8	38.8	99.2	97	0.76	0.625	22	-0.8	-1	-3.1	-0.8	0.8	-1.6
3233.8	189	0.155	99.2	35.3	0.565	4.6	34.6	99.2	97	0.755	0.566	27	-0.8	0.8	-2.3	-1.1	0.9	-1.6
3236.1	189	0.168	99.2	32.2	0.565	4.6	29	99.2	97	0.74	0.33	27.8	-0.5	1.1	2.3	-3.9	2.3	-1.9
3238.4	189	0.76	99.2	21.6	0.476	4.9	29.1	99.2	97	0.67	0.33	31.5	1.6	3.9	2.3	-3.9	2.3	-2.3
3240.7	189	0.76	99.2	22.6	0.33	5.5	29.4	99.2	97	0.135	0.33	31.4	1.6	3.9	3.1	-3.9	1.8	-2.3
3243	189	0.755	99.2	35.7	0.375	5.2	28.7	99.2	97	0.135	0.33	28	1.6	2.9	3.1	-3.9	0.8	-2.3
3245.3	189	0.74	99.2	35.7	0.545	3.3	22.7	99.2	97	0.356	0.336	28	1.6	0.8	1.6	-3.5	1.1	-2
3247.6	190	0.728	99.2	27.2	0.532	3.3	22.7	99.2	97	0.72	0.35	29.1	1.1	1.6	-2.3	-2.3	2.3	0
3249.9	190	0.625	99.2	9.4	0.195	3.3	23.8	99.2	97	0.605	0.396	32	-0.8	5.5	-2.2	-2.3	2.3	0
3252.2	190	0.625	99.2	14.8	0.195	3.2	25.9	99.2	97	0.075	0.7	31.2	-0.9	5.5	-0.8	-4.7	0.2	-0.8
3254.5	190	0.664	99.2	53.3	0.285	4	27	99.2	97	0.082	0.7	22	-2.3	4.8	-0.8	-4.7	-3.1	-2.3
3256.8	190	0.74	99.2	53.3	0.505	6.4	31.4	99.2	97	0.27	0.619	22	-2.3	3.9	0	-4.5	-1.9	-2.3
3259.1	190	0.713	99.2	44.8	0.501	6.2	31.4	99.2	97	0.27	0.485	24.5	-2.1	2.3	1.6	-3.9	2.3	-2.3
3261.4	190	0.565	99.2	31	0.465	2.4	21.2	99.2	97	0.384	0.471	29.5	-1.6	-3.1	2.3	-3.6	2.3	-2.3
3263.7	190	0.565	99.2	28.3	0.465	2.4	21.2	99.2	97	0.74	0.41	30.2	-1.6	-3	6.3	-0.8	2.3	-0.7
3266	190	0.354	99.2	17.3	0.373	2.2	22	99.2	97	0.742	0.41	34	-1.6	-0.8	6.3	-0.8	2.3	1.6
3268.3	190	0	99.2	17.8	0.175	1.6	25.1	99.2	97	0.8	0.325	34	-1.6	-0.8	4.6	-1.5	1.1	0.9
3270.6	190	0.031	99.2	49	0.203	2	25.4	99.2	97	0.8	0.195	29.6	-1.3	0.4	1.6	-3.1	-2.3	-1.6
3272.9	190	0.155	99.2	49	0.37	6.6	34.9	99.2	97	0.772	0.285	22.5	-0.8	3.9	1	-3	-1.9	-1.6
3275.2	190	0.156	99.2	48.5	0.37	6.6	34.9	99.2	97	0.7	0.605	22.5	-1	3.2	-1.6	-2.3	2.3	-1.6
3277.5	189	0.176	99.2	47.1	0.332	6.8	34.6	99.2	97	0.668	0.598	22.5	-2.3	-3.1	-1.6	-2.3	2.3	-1.6
3279.8	189	0.175	99.2	47.7	0.27	7.3	33.7	99.2	97	0.425	0.505	22.5	-2.3	-3.1	-2.3	-2	2.3	-1.4
3282.1	190	0.318	99.2	56.1	0.31	7.2	33.4	99.2	97	0.425	0.505	21.5	-0.8	-1.8	-2.3	-1.6	2.3	-0.8
3284.4	190	0.72	99.2	56.1	0.465	6.6	30.6	99.2	97	0.308	0.457	21.5	1.6	0.8	-0.6	-1.9	2.4	-0.9
3286.7	190	0.716	99.2	54.1	0.463	6.6	30.6	99.2	97	0.115	0.35	21.8	1.9	0.3	3.9	-3.1	3.1	-1.6
3289	190	0.68	99.2	49.8	0.37	6.6	30.7	99.2	97	0.231	0.358	22.5	3.1	-2.3	3.8	-3.1	3.1	-1.6
3291.3	190	0.68	99.2	47	0.37	6.6	31	99.2	97	0.7	0.41	23.1	3	-2.3	2.3	-3.1	2.8	-1.6
3293.6	190	0.693	99.2	29.8	0.385	6	29.8	99.2	97	0.694	0.41	29.5	0.8	-3.2	2.3	-3.1	2.3	-1.6
3295.9	190	0.72	99.2	29.8	0.425	3.7	24.3	99.2	97	0.39	0.358	29.5	0.8	-4.7	2.6	-3.3	1	-1.7
3298.2	190	0.72	99.2	33.5	0.427	3.8	24.3	99.2	97	0.39	0.27	28.5	0.4	-2.8	3.1	-3.9	-3.1	-2.3
3300.5	190	0.72	99.2	39.6	0.445	5.1	24.6	99.2	97	0.462	0.279	26.5	-0.8	3.9	2	-3.6	-3	-2.3
3302.8	190	0.72	99.2	34	0.445	5.1	25.1	99.2	97	0.78	0.33	27.5	-0.7	3.7	-6.3	-0.8	0	2.3

3305.1	190	0.494	99.2	7.1	0.321	4.1	23.4	99.2	97	0.78	0.33	33.5	0	0	-6.3	-0.8	0	2.3
3307.4	190	0.001	99.2	7.1	0	0.8	16.5	99.2	97	0.637	0.292	33.5	0	0	-5.8	-0.8	0	2.3
3309.7	190	0	99.2	7.3	0	0.8	16.5	99.2	97	0	0	32.7	0	0	0	-0.8	0	2.3
3312	190	0	99.2	8.2	0	0.8	16.5	99.2	97	0	0	26	0	0	0	-0.8	0	2.3
3314.3	190	0	99.2	8.2	0	0.8	16.5	99.2	97	0	0	26	0	0	0	0.8	0	2.3
3316.6	190	0.137	99.2	9.4	0.009	0.8	16.5	99.2	97	0	0	24.1	-1.2	0.6	0	0.8	0	2.3
3318.9	190	0.78	99.2	11.4	0.075	1	17.6	99.2	97	0.216	0.026	20.5	-3.9	2.3	-0.8	0.5	-0.4	2.2
3321.2	190	0.78	99.2	17.6	0.075	1	17.6	99.2	97	0.78	0.115	20.3	-4.4	1.9	-4.7	-1.6	-6.3	-2.3
3323.5	190	0.7	99.2	38.8	0.111	1.7	19	99.2	97	0.778	0.116	19.5	-7.8	-3.1	-4.7	-1.6	-6.3	-2.3
3325.8	190	0.585	99.2	38.6	0.175	3.2	23.1	99.2	97	0.76	0.155	19.5	-7.8	-3.1	-2.2	-1.9	-5.3	-1.7
3328.1	190	0.465	99.2	35.3	0.198	3.2	23.1	99.2	97	0.76	0.155	21	-5.5	-1.1	1.6	-2.3	-3.1	0
3330.4	190	0.095	99.2	35.3	0.29	3.3	23.5	99.2	97	0.76	0.167	21	-1.6	3.1	1.2	-2.6	-2.1	-0.2
3332.7	190	0.139	99.2	40.6	0.296	3.3	23.5	99.2	97	0.76	0.195	20.9	-1.3	3.1	0	-3.9	3.9	-2.3
3335	190	0.7	99.2	52.9	0.565	4.2	26.1	99.2	97	0.718	0.251	20.5	0	3.1	-0.1	-3.9	3.9	-2.3
3337.3	190	0.7	99.2	53.8	0.565	5.7	31	99.2	97	0.525	0.66	20.6	0.1	3.1	-1.6	-3.9	1.3	-2.3
3339.6	189	0.535	99.2	58.8	0.553	6.1	32.8	99.2	97	0.501	0.661	21.5	1.6	1.6	-1.6	-3.9	-2.3	-2.3
3341.9	189	0.25	99.2	58.8	0.525	7.4	39.6	99.2	97	0.195	0.699	21.5	1.6	1.6	-0.4	-3.4	-2.3	-1.9
3344.2	190	0.289	99.2	58.4	0.517	7.6	40	99.2	97	0.195	0.7	21.5	1.6	1.8	1.6	-2.3	-2.3	-0.8
3346.5	190	0.445	99.2	58.4	0.465	9.3	49	99.2	97	0.2	0.71	21.5	1.6	2.3	1.7	-2.2	-1.6	-0.8
3348.8	190	0.435	99.2	58.4	0.465	9.3	49	99.2	97	0.21	0.74	21.2	1.5	2.1	2.3	-1.6	3.1	-0.8
3351.1	190	0.156	99.2	58.4	0.513	8.7	43.3	99.2	97	0.218	0.725	20	0.8	0	2.1	-1.6	3.1	-0.8
3353.4	190	0.155	99.2	52	0.585	7.5	29.4	99.2	97	0.27	0.545	21	0.8	0	-7	-2.9	1.4	0.2
3355.7	190	0.343	99.2	6.7	0.441	7.2	29.3	99.2	97	0.266	0.545	32.5	0	0	-7	-4.7	-1.6	2.3
3358	190	0.72	99.2	7.3	0.075	6.1	29	99.2	99	0.135	0.373	32.5	0	0	-3.7	-4.2	-0.3	1.3
3360.3	190	0.654	99.2	48.2	0.142	6.2	29.2	99.2	99	0.135	0.155	28.2	1.5	1	1.6	-3.1	3.1	-1.6
3362.6	190	0.445	99.2	48.2	0.425	7.1	31	99.2	98	0.392	0.285	22.5	3.9	3.1	0	-3.1	2.9	-1.6
3364.9	190	0.467	99.2	47.5	0.419	7.1	31	99.2	97	0.78	0.525	22.5	3.4	1.7	-3.9	-3.1	2.3	-1.6
3367.2	190	0.605	99.2	46.3	0.35	7	30.6	99.2	97	0.74	0.502	22.5	2.3	-3.1	-3.5	-3.1	2.4	-1.6
3369.5	190	0.598	99.2	44.4	0.35	7	30.6	99.2	97	0.64	0.425	23.6	1.1	-3.2	-1.6	-3.1	3.1	-1.6
3371.8	190	0.176	99.2	38.8	0.414	6.1	29	99.2	97	0.569	0.426	28	-5.5	-3.9	-1.6	-3.1	3.1	-1.6
3374.1	190	0.175	99.2	38.6	0.525	4.2	24.7	99.2	99	0.075	0.445	28	-5.5	-3.9	0.8	-3.7	3.4	-1.8
3376.4	190	0.23	99.2	34.9	0.505	4.3	24.9	99.2	99	0.075	0.445	27.5	-4	-3.1	0.8	-4.7	3.9	-2.3
3378.7	190	0.39	99.2	34.9	0.425	4.9	26.3	99.2	99	0.226	0.414	27.5	-1.6	-1.6	1.7	-4.6	3.5	-2.3
3381	190	0.373	99.2	36.7	0.427	4.9	26.3	99.2	99	0.64	0.31	27.1	-0.8	-1	5.5	-3.9	0.8	-2.3
3383.3	190	0.136	99.2	42.4	0.484	5.1	26.5	99.2	99	0.64	0.31	25.5	3.1	3.1	5.5	-3.9	0.8	-2.3
3385.6	190	0.135	99.2	42.4	0.485	5.5	27.1	99.2	99	0.476	0.373	25.5	3.1	3.1	4.9	-3.9	1	-2.3
3387.9	190	0.164	99.2	44	0.485	5.5	27.1	99.2	99	0.095	0.565	24.8	2.8	3.1	2.3	-3.9	2.3	-2.3
3390.2	190	0.66	99.2	47.8	0.445	5.8	28	99.2	99	0.186	0.551	22.5	1.6	3.1	2	-3.9	2.3	-2.3
3392.5	190	0.66	99.2	47.7	0.445	6.3	29.8	99.2	99	0.64	0.445	22.5	1.3	3.1	-2.3	-3.9	2.6	-2.3
3394.8	190	0.602	99.2	47.1	0.439	6.3	29.8	99.2	99	0.641	0.445	22.5	-3.9	2.3	-2.3	-3.9	3.1	-2.3
3397.1	190	0.485	99.2	47.1	0.425	6.4	29.8	99.2	99	0.68	0.437	22.5	-3.9	2.3	-2.3	-3.7	1.3	-2.5
3399.4	190	0.418	99.2	33	0.431	6.1	29.8	99.2	99	0.68	0.425	26.6	-6.2	-0.7	-2.3	-3.1	-4.7	-3.1
3401.7	190	0.055	99.2	10.6	0.485	0.8	16.5	99.2	99	0.488	0.327	34.5	-11.7	-10.2	-1.9	-3.1	-4.7	-3
3404	190	0.083	99.2	9.9	0.484	0.8	16.5	99.2	99	0	0	32.9	-9.9	-9.3	0	-3.1	-4.7	2.3
3406.3	190	0.72	99.2	7.8	0.175	3.2	25	99.2	99	0.012	0.027	26.5	0	-0.8	0.1	-3.1	-4.7	2.3
3408.6	190	0.72	99.2	13.5	0.175	7.6	44.7	99.2	99	0.075	0.29	26.2	0	-0.8	2.3	-0.2	-1.1	1.3
3410.9	190	0.532	99.2	58.8	0.281	7.7	44.8	99.2	99	0.075	0.29	21.5	0.3	-0.2	2.3	-1.6	-3.1	-0.8
3413.2	190	0.095	99.2	58.8	0.605	8	45.1	99.2	100	0.248	0.38	21.5	0.8	0.8	0	-1.6	-3.5	-0.8
3415.5	190	0.204	99.2	55.2	0.592	7.9	44.7	99.2	100	0.485	0.525	21.8	0.3	-0.9	-4.7	-1.6	-4.7	-0.8
3417.8	190	0.72	99.2	49.4	0.505	6.7	32.5	99.2	100	0.559	0.483	22.5	-0.8	-6.3	-4.6	-1.9	-4.1	-0.9
3420.1	190	0.708	99.2	44.5	0.505	6.7	32.5	99.2	100	0.74	0.35	23.8	-1.4	-5.3	-3.9	-3.9	2.3	-2.3
3422.4	190	0.41	99.2	29.8	0.469	6.4	31.1	99.2	100	0.724	0.352	29	-4.7	3.1	-3.9	-3.9	2.3	-2.3
3424.7	190	0.41	99.2	29.5	0.41	5.8	27.8	99.2	100	0.625	0.37	29.1	-4.7	3.1	-4.7	-3.6	2.3	-1.1
3427	190	0.343	99.2	25.9	0.426	5.9	28.1	99.2	100	0.625	0.37	31	-2.2	3.4	-4.7	-3.1	2.3	1.6
3429.3	190	0.175	99.2	25.9	0.485	6.3	30.2	99.2	100	0.45	0.388	31	1.6	3.9	-3.8	-3.1	2.5	1.1
3431.6	190	0.244	99.2	31.9	0.482	6.4	30.2	99.2	100	0.175	0.425	29.4	0.7	3.1	-1.6	-3.1	3.1	-1.6
3433.9	190	0.66	99.2	43.5	0.445	7.5	32.7	99.2	100	0.193	0.455	25.5	-2.3	0	-1.9	-3	3.1	-1.6
3436.2	191	0.66	99.2	45.7	0.445	7.5	36.5	99.2	100	0.25	0.605	25	-2.5	-0.1	-3.9	-1.6	2.1	-1.3
3438.5	192	0.66	99.2	56.1	0.408	7.6	35.5	99.2	100	0.237	0.601	21.5	-5.5	-3.9	-3.9	-1.6	0.8	-0.8
3440.8	192	0.66	99.2	56	0.33	7.7	31.8	99.2	100	0.075	0.33	21.5	-5.5	-3.9	-1.8	-1.6	-0.7	-0.8

3443.1	192	0.537	99.2	52.9	0.343	7.7	31.8	99.2	100	0.075	0.33	21.3	-5	-4.1	1.6	-1.6	-4.7	-0.8
3445.4	192	0.075	99.2	52.9	0.41	7.9	31.4	99.2	100	0.271	0.32	21	-3.9	-4.7	1.9	-1.6	-4.4	-0.8
3447.7	192	0.088	99.2	48.7	0.41	7.9	31.4	99.2	100	0.74	0.29	22.4	-3.9	-4.1	3.1	-1.6	-2.3	-0.8
3450	192	0.465	99.2	36.9	0.41	6.6	30.3	99.2	100	0.666	0.299	27.5	-3.9	0.8	3	-1.6	-2.3	-0.8
3452.3	192	0.465	99.2	37.5	0.41	4.3	27.8	99.2	100	0.195	0.41	27.3	-3.7	0.8	-1.6	-2.9	-2	-1.1
3454.6	192	0.507	99.2	42	0.371	4.9	30.1	99.2	100	0.201	0.41	24.5	3.9	2.4	-1.6	-4.7	-1.6	-1.6
3456.9	192	0.585	99.2	42	0.27	6.8	39.2	99.2	100	0.37	0.447	24.5	3.9	4.7	-0.5	-4.2	-0.3	-1.8
3459.2	192	0.602	99.2	46.6	0.285	6.7	39.1	99.2	100	0.37	0.505	23.6	2	3.9	1.6	-3.1	3.1	-2.3
3461.5	192	0.68	99.2	53.3	0.41	5.6	25.5	99.2	100	0.39	0.485	22	-2.3	1.6	0	-2.8	2	-2.1
3463.8	193	0.679	99.2	43	0.41	5.6	25.5	99.2	99	0.445	0.41	22.1	-2	1.5	-7.8	-0.8	-9.4	2.3
3466.1	194	0.001	99.2	9	0.269	4.2	23.2	99.2	99	0.47	0.392	22.5	0	0	-7.8	-0.8	-9.4	2.3
3468.4	194	0	99.2	9.1	0	0.8	16.5	99.2	100	0.7	0.035	22.5	0	0	-1.6	-0.2	-8	2.3
3470.7	194	0.171	99.2	10.2	0.021	0.8	16.5	99.2	100	0.7	0.035	20.5	-2.4	-1.5	-1.6	0.8	-4.7	2.3
3473	194	0.72	99.2	10.2	0.115	0.8	16.5	99.2	100	0.486	0.065	20.5	-6.3	-4.7	-2.9	0.8	-4.9	2.3
3475.3	194	0.723	99.2	11.5	0.116	0.8	16.5	99.2	100	0.095	0.135	19.8	-5.6	-5.2	-7	0.8	-6.3	2.3
3477.6	194	0.76	99.2	14.1	0.155	0.8	16.5	99.2	100	0.107	0.135	18	-3.1	-7.8	-6.8	0.8	-6.3	2.3
3479.9	194	0.76	99.2	14.7	0.155	0.8	16.5	99.2	100	0.155	0.135	18.2	-3.4	-7.8	-4.7	0.8	1.6	2.3
3482.2	194	0.774	99.2	17.6	0.155	0.8	16.5	99.2	100	0.178	0.135	19.5	-7.8	-7.8	-4.7	0.8	1.6	2.3
3484.5	194	0.8	99.2	17.6	0.155	0.8	16.5	99.2	100	0.82	0.143	19.5	-7.8	-7.8	-6.6	0.8	0	2.3
3486.8	194	0.8	99.2	13.7	0.158	1	16.8	99.2	100	0.82	0.155	19.1	-8	-8	-10.2	0.8	-4.7	2.3
3489.1	194	0.8	99.2	13.7	0.175	4.6	32.5	99.2	100	0.635	0.146	18.5	-8.6	-8.6	-8.4	0.4	-4.7	2.3
3491.4	194	0.8	99.2	20.4	0.175	4.6	32.5	99.2	100	0.135	0.115	19.3	-7.3	-8.1	0.8	-3.1	-5.5	0.4
3493.7	194	0.792	99.2	44.3	0.286	5.1	31.7	99.2	101	0.179	0.122	23	2.3	-2.3	0.8	-3.1	-5.5	-2.3
3496	194	0.78	99.2	44.5	0.485	6.1	29.4	99.2	104	0.565	0.23	23	2.3	-2.3	0.1	-3.1	-3.2	-2.3
3498.3	194	0.61	99.2	47.1	0.489	5.6	28.5	99.2	104	0.565	0.23	22.5	-1.1	-2.1	-0.8	-3.1	1.6	-2.3
3500.6	194	0.095	99.2	47.1	0.505	2.5	20.8	99.2	105	0.378	0.31	22.5	-6.3	-1.6	-0.8	-3.5	1	-2.3
3502.9	192	0.103	99.2	37.1	0.484	2.6	20.8	99.2	106	0.075	0.465	24.8	-6.5	-3	-0.8	-4.7	-1.6	-2.3
3505.2	192	0.155	99.2	18.8	0.25	5.4	24.1	99.2	106	0.08	0.456	30	-7	-8.6	-0.1	-4.6	-1.3	-2.3
3507.5	192	0.165	99.2	25.3	0.25	5.4	28.6	99.2	106	0.095	0.425	28	-6.3	-8.1	3.1	-3.9	2.3	-2.3
3509.8	192	0.66	99.2	45.9	0.336	5.5	29.6	99.2	106	0.164	0.424	20	-2.3	-3.1	3.1	-3.9	2.3	-2.3
3512.1	192	0.66	99.2	47.1	0.465	5.6	32.2	99.2	106	0.625	0.41	20	-2.3	-3.1	3.1	-3.9	3.2	-2.1
3514.4	192	0.463	99.2	56.9	0.482	5.9	32.8	99.2	106	0.628	0.41	19.5	-3.1	-0.8	3.1	-3.9	4.7	-1.6
3516.7	192	0.095	99.2	56.9	0.525	6.7	35.7	99.2	106	0.78	0.425	19.5	-3.1	2.3	0.7	-3.9	2.4	-1.6
3519	192	0.106	99.2	56.5	0.516	6.2	34.4	99.2	106	0.78	0.445	20.4	-3.1	0.1	-3.1	-3.9	-3.1	-1.6
3521.3	192	0.135	99.2	56.4	0.485	4.2	25.5	99.2	106	0.789	0.453	21.5	-3.1	-3.9	-4.4	-2.5	-2.3	-0.8
3523.6	194	0.109	99.2	9.4	0.418	3.8	25.1	99.2	106	0.8	0.465	21.3	-2.1	-2.8	-7	0.8	0	2.3
3525.9	194	0	99.2	9.4	0	0.7	16.5	99.2	106	0.787	0.362	21	0	0	-5.9	0.8	-0.7	2.3
3528.2	194	0.038	99.2	10.7	0	0.7	16.5	99.2	106	0.76	0.075	20.4	-0.1	-0.9	-2.3	0.8	-5.5	2.3
3530.5	194	0.66	99.2	14.1	0.055	0.7	18.1	99.2	106	0.763	0.08	18.5	-0.8	-7	-2.6	0.8	-5.5	2.3
3532.8	194	0.66	99.2	14	0.135	0.8	28.2	99.2	106	0.779	0.135	18.5	-1	-7	-7.8	0.8	-6.2	2.3
3535.1	194	0.63	99.2	12.9	0.142	1.2	28.2	99.2	106	0.78	0.135	19	-9.4	-7.2	-7.8	0.8	-7.8	2.3
3537.4	194	0.525	99.2	12.9	0.175	4	28.2	99.2	106	0.756	0.135	19	-9.4	-7.8	-7.8	0.8	-7.8	2.3
3539.7	194	0.525	99.2	13	0.175	4	28.2	99.2	106	0.095	0.135	19	-9.4	-7.8	-4.6	-0.5	-6.7	1.5
3542	194	0.521	99.2	58.4	0.215	4.7	28.7	99.2	106	0.095	0.135	19.9	-7.7	-5.7	0.8	-3.1	-3.9	-1.6
3544.3	194	0.505	99.2	58.4	0.465	10.7	40	99.2	106	0.302	0.192	21.5	-3.9	0	1.1	-2.8	-3.3	-1.5
3546.6	194	0.485	99.2	58.1	0.467	10.8	40	99.2	108	0.76	0.35	21.2	-3.8	0.1	2.3	-1.6	0.8	-0.8
3548.9	194	0.23	99.2	57.3	0.585	9.8	37.1	99.2	108	0.653	0.352	20	-3.1	0.8	2.3	-1.6	0.8	-0.8
3551.2	194	0.23	99.2	57.1	0.585	8.1	31	99.2	108	0.095	0.37	20.1	-3.1	0.8	2.3	-2.2	1.1	-1
3553.5	192	0.355	99.2	55.3	0.54	8.1	31.8	99.2	108	0.095	0.37	21.5	-0.6	-0.6	2.3	-3.1	1.6	-1.6
3555.8	192	0.66	99.2	55.3	0.39	8.4	37.3	99.2	106	0.087	0.435	21.5	3.1	-3.1	0.7	-2.8	1.5	-1.5
3558.1	192	0.665	99.2	56.4	0.392	8.5	37.3	99.2	106	0.075	0.565	21.2	1.6	-2.2	-3.1	-1.6	0.8	-0.8
3560.4	192	0.7	99.2	58.8	0.41	9.9	38.2	99.2	106	0.175	0.549	20.5	-3.1	1.6	-3.3	-1.8	0.7	-0.8
3562.7	193	0.7	99.2	53.7	0.41	9.9	39.6	99.2	106	0.545	0.465	21.6	-3.1	1.6	-4.7	-3.9	-5.5	0.1
3565	194	0.501	99.2	27.1	0.432	8.7	37.7	99.2	106	0.532	0.465	30	-3.9	1.3	-4.7	-3.9	-5.5	1.6
3567.3	194	0.135	99.2	27.7	0.485	5.1	30.2	99.2	106	0.25	0.33	30	-3.9	0.8	-0.7	-3.9	-4.3	1.1
3569.6	194	0.238	99.2	58.8	0.488	5.4	30.9	99.2	106	0.25	0.33	26.9	-1.7	1	6.3	-3.9	-0.8	-0.8
3571.9	194	0.68	99.2	58.8	0.505	8.2	48.2	99.2	105	0.194	0.3	21.5	3.1	1.6	4.9	-3.6	-0.5	-0.8
3574.2	194	0.68	99.2	60.4	0.505	8.2	48.2	99.2	104	0.055	0.195	20.7	2.8	1.6	-1.6	-1.6	3.1	-0.8
3576.5	194	0.567	99.2	65.5	0.498	9.6	49.2	99.2	104	0.107	0.205	17	0.8	1.6	-1.6	-1.6	3.1	-0.8
3578.8	194	0.41	99.2	65.6	0.485	12.9	52.2	99.2	104	0.525	0.41	17	0.8	1.6	-0.2	-1.6	0.6	-0.8

3581.1	194	0.446	99.2	67.1	0.476	13.1	52	99.2	104	0.525	0.41	17	-0.8	-0.1	1.6	-1.6	-4.7	-0.8
3583.4	194	0.545	99.2	67.1	0.445	13.7	50.2	99.2	102	0.51	0.524	17	-3.1	-3.1	1.2	-1.6	-3.9	-0.8
3585.7	194	0.55	99.2	62.5	0.468	13.5	50.2	99.2	102	0.485	0.76	18.4	-2.9	-3.3	0	-1.6	0	-0.8
3588	194	0.585	99.2	54.1	0.779	7.1	42.9	99.2	102	0.459	0.749	21.5	-2.3	-3.9	-0.4	-1.7	0	-0.8
3590.3	194	0.585	99.2	53	0.78	7.1	31	99.2	102	0.37	0.7	21.6	-2.2	-3.6	-3.1	-3.1	-2.3	-1.1
3592.6	194	0.458	99.2	48.6	0.762	7	31.2	99.2	102	0.363	0.7	22.5	-0.8	3.1	-3.1	-3.1	-2.3	-1.6
3594.9	194	0.23	99.2	48.6	0.72	6.7	31.8	99.2	102	0.23	0.699	22.5	-0.8	3.1	-2.3	-3.1	-1.7	-1.6
3597.2	196	0.324	99.2	49.4	0.717	6.7	31.8	99.2	102	0.23	0.7	22.5	-1.3	1.8	-0.8	-3.1	0	-1.6
3599.5	196	0.72	99.2	49.4	0.7	6.3	30.6	99.2	102	0.194	0.7	22.5	-2.3	-1.6	-1	-3.1	-0.3	-1.6
3601.8	196	0.684	99.2	49.4	0.7	6.3	30.6	99.2	102	0.115	0.7	22.5	-1.3	-0.9	-1.6	-3.1	-2.3	-2.3
3604.1	196	0.195	99.2	49.4	0.679	6.4	30.7	99.2	102	0.228	0.698	22.5	3.1	3.1	-1.6	-3.1	-2.3	-2.3
3606.4	196	0.195	99.2	49.3	0.68	6.4	31	99.2	102	0.72	0.68	22.5	3.1	3.1	-1.6	-3.9	-1.7	-2.3
3608.7	196	0.166	99.2	49	0.68	6.3	30.9	99.2	102	0.706	0.68	22.5	3.9	3.9	-1.6	-3.9	-0.8	-2.3
3611	196	0.115	99.2	49	0.68	6.2	30.6	99.2	100	0.175	0.68	22.5	3.9	3.9	-1.4	-3.9	-0.2	-2.3
3613.3	196	0.22	99.2	49.4	0.677	6.2	30.7	99.2	100	0.175	0.68	22.5	3.5	3.7	-0.8	-3.9	2.3	-2.3
3615.6	196	0.72	99.2	49.4	0.659	6.4	31.8	99.2	100	0.175	0.68	22.5	2.3	3.1	-0.8	-3.9	2.3	-2.3
3617.9	196	0.72	99.2	49.4	0.66	6.4	31.8	99.2	100	0.414	0.666	22.5	2.3	3.1	0.1	-3.7	2.3	-2.2
3620.2	196	0.627	99.2	49.6	0.658	6.4	31.8	99.2	100	0.76	0.64	22.2	2.3	1.9	2.3	-3.1	2.3	-1.6
3622.5	196	0.095	99.2	49.8	0.64	6.4	31.8	99.2	100	0.76	0.637	21.5	2.3	-2.3	1.5	-3.1	2	-1.6
3624.8	196	0.096	99.2	51.2	0.64	6.4	31.8	99.2	100	0.76	0.625	19.7	1.5	-1.8	-3.1	-3.1	-2.3	-1.6
3627.1	196	0.116	99.2	54.9	0.582	6.8	34.7	99.2	100	0.659	0.623	13	-2.3	2.3	-2.9	-3.1	-2.3	-1.6
3629.4	196	0.115	99.2	55.2	0.505	7.3	40.8	99.2	100	0.135	0.605	13	-2.4	2.3	1.6	-2.3	-2.6	-1.3
3631.7	196	0.115	99.2	56.9	0.505	7.3	40.8	99.2	100	0.133	0.605	13	-4.7	2	1.6	-2.3	-3.1	-0.8
3634	196	0.115	99.2	56.9	0.505	7.3	40.8	99.2	100	0.095	0.546	13	-4.7	1.6	1.3	-2.3	-2	-1
3636.3	196	0.247	99.2	56.9	0.499	7.3	40.8	99.2	100	0.095	0.465	13	-2.6	1.8	0.8	-2.3	0.8	-1.6
3638.6	196	0.74	99.2	56.9	0.465	7.3	40.4	99.2	100	0.297	0.455	13	1.6	2.3	-0.4	-2.3	0.3	-1.6
3640.9	196	0.742	99.2	57	0.465	7.3	40.4	99.2	100	0.72	0.425	13.1	0.8	1.7	-4.7	-2.3	-3.9	-1.6
3643.2	196	0.78	99.2	57.3	0.473	7.2	40.3	99.2	100	0.62	0.436	13.5	-3.1	-3.1	-4.4	-2.3	-3.9	-1.6
3645.5	196	0.78	99.2	57.2	0.485	7.2	40	99.2	100	0.095	0.545	13.4	-3.2	-3.1	0.8	-2.3	-3.9	-1.6
3647.8	196	0.589	99.2	56.9	0.462	7.2	40	99.2	100	0.144	0.542	12.5	-4.7	-3.4	0.8	-2.3	-3.9	-1.6
3650.1	196	0.25	99.2	56.9	0.41	7.2	40	99.2	99	0.76	0.41	12.5	-4.7	-3.9	-1.4	-2.3	-2.3	-1.6
3652.4	196	0.237	99.2	57.3	0.42	7.2	40	99.2	99	0.76	0.41	13.5	-2.4	-3.4	-4.7	-2.3	1.6	-1.6
3654.7	196	0.195	99.2	57.3	0.465	7.2	40	99.2	99	0.534	0.431	15	1.6	-2.3	-3.2	-2.3	1.5	-1.5
3657	196	0.201	99.2	57.1	0.464	7.2	40	99.2	99	0.075	0.485	15.1	0.5	-2.6	1.6	-2.3	0.8	-0.8
3659.3	196	0.27	99.2	56.5	0.37	7.2	38.8	99.2	99	0.16	0.473	15.5	-3.9	-4.7	1.6	-2.3	0.8	-0.8
3661.6	196	0.27	99.2	56.1	0.37	7.2	36.5	99.2	99	0.585	0.37	15.7	-3.8	-4.7	2.3	-2.3	-0.7	-1.1
3663.9	196	0.27	99.2	53.3	0.364	7.3	36.8	99.2	99	0.591	0.37	17.5	-2.3	-4.4	2.3	-2.3	-3.1	-1.6
3666.2	196	0.27	99.2	53.3	0.35	7.6	38.4	99.2	99	0.74	0.4	17.5	-2.3	-3.9	-0.1	-2.1	-2.1	-1.4
3668.5	196	0.56	99.2	56.5	0.367	7.6	38.4	99.2	99	0.74	0.445	16.9	-1.3	-3.7	-4.7	-1.6	0.8	-0.8
3670.8	196	0.72	99.2	56.5	0.485	8	41.6	99.2	99	0.578	0.437	16	0.8	-3.1	-4.7	-1.6	0.4	-0.8
3673.1	196	0.722	99.2	56.9	0.485	8	41.6	99.2	99	0.175	0.41	15.7	0.9	-3.2	-4.7	-1.6	-4.7	-0.8
3675.4	196	0.78	99.2	58	0.454	7.9	41.6	99.2	99	0.175	0.408	14.5	1.6	-3.9	-4.4	-1.6	-4.7	-0.8
3677.7	196	0.78	99.2	57.8	0.41	7.8	41.6	99.2	99	0.175	0.39	14.4	1.6	-3.9	2.3	-1.6	-2.7	-0.8
3680	196	0.685	99.2	56.5	0.414	7.7	41.5	99.2	98	0.549	0.39	13	1.6	-4.2	2.3	-1.6	0.8	-0.8
3682.3	196	0.485	99.2	56.5	0.425	7.6	40.8	99.2	97	0.66	0.403	13	1.6	-4.7	0.1	-1.8	-0.4	-0.8
3684.6	196	0.463	99.2	56.6	0.425	7.6	40.8	99.2	97	0.66	0.425	13.3	-0.1	-3.7	-4.7	-2.3	-4.7	-0.8
3686.9	196	0.33	99.2	56.9	0.425	7.5	39.9	99.2	97	0.685	0.423	14	-4.7	0	-4.6	-2.3	-4.7	-0.8
3689.2	196	0.33	99.2	56.7	0.425	7.5	38.4	99.2	97	0.78	0.41	14.3	-4.3	0	-3.9	-2.3	-4.7	-0.8
3691.5	196	0.491	99.2	55.7	0.425	7.5	37.6	99.2	97	0.767	0.41	16.5	0.8	-4.7	-3.9	-2.3	-4.7	-0.8
3693.8	196	0.76	99.2	55.5	0.425	7.3	34.5	99.2	97	0.485	0.385	16.5	0.8	-4.7	-3.6	-2.3	-2.6	-1
3696.1	196	0.736	99.2	50.6	0.44	7.2	34	99.2	97	0.485	0.35	18.2	-0.6	-4.5	-3.1	-2.3	3.1	-1.6
3698.4	196	0.66	99.2	50.6	0.505	6.4	28.2	99.2	97	0.485	0.376	20.5	-3.1	-3.9	-2.6	-2.7	3	-1.7
3700.7	196	0.611	99.2	45	0.497	6.4	28.2	99.2	97	0.485	0.445	22.7	-2.4	-3.4	-0.8	-4.7	2.3	-3.1
3703	196	0.115	99.2	34.1	0.31	5.8	28	99.2	97	0.552	0.418	28	0	-0.8	-0.7	-4.6	2.3	-3.1
3705.3	196	0.127	99.2	36.8	0.31	4.9	27.8	99.2	97	0.78	0.29	27.1	0.4	-0.9	0	-3.1	3.1	-2.5
3707.6	196	0.76	99.2	45.9	0.341	5.4	28.4	99.2	97	0.775	0.301	23	3.1	-1.6	-0.1	-3.1	3.1	-1.6
3709.9	196	0.76	99.2	45.6	0.39	6.4	29.8	99.2	97	0.74	0.445	23	3.1	-1.6	-3.9	-3.1	3.1	-1.8
3712.2	196	0.61	99.2	42	0.397	6.3	30.1	99.2	97	0.74	0.445	26	1.1	0.2	-3.9	-3.1	3.1	-2.3
3714.5	196	0.175	99.2	42	0.425	6	32.9	99.2	97	0.565	0.488	26	-2.3	3.9	-3.7	-2.9	3.1	-2.2
3716.8	195	0.175	99.2	34.3	0.431	6	32.9	99.2	97	0.25	0.585	28.2	-3.5	2	-3.1	-2.3	3.1	-1.6

3719.1	194	0.175	99.2	17.6	0.585	4.1	27.6	99.2	97	0.204	0.51	34.5	-7.8	-7.8	-2.9	-2.3	3.1	-1.6
3721.4	194	0.175	99.2	16.2	0.585	1	17.3	99.2	97	0	0	34	-7.4	-7.8	0	-2.3	3.1	-0.2
3723.7	194	0.118	99.2	9	0.42	0.9	17.2	99.2	97	0	0	30	0	-4.7	0	-2.3	3.1	2.3
3726	194	0	99.2	9	0	0.8	16.5	99.2	97	0	0	30	0	0	0	0.8	0	2.3
3728.3	194	0	99.2	8.4	0	0.8	16.5	99.2	97	0	0	29.5	0	0	0	0.8	0	2.3
3730.6	194	0.001	99.2	7.5	0	0.8	16.5	99.2	97	0	0	28.5	0	0	0	0.8	0	2.3
3732.9	194	0	99.2	7.5	0	0.8	16.5	99.2	97	0	0	28.3	0	0	0	0.8	0	2.3
3735.2	194	0	99.2	7.8	0	0.8	16.5	99.2	97	0	0	26.5	0	0	0	0.8	0	2.3
3737.5	194	0	99.2	7.8	0	0.8	16.5	99.2	97	0	0	26.5	0	0	0	0.8	0	2.3
3739.8	192	0	99.2	7.9	0	0.8	16.5	99.2	97	0	0	25.9	0	0	0	0.8	0	2.3
3742.1	192	0.001	99.2	8.2	0	0.7	16.5	99.2	97	0	0	24.5	0	0	0	0.8	0	2.3
3744.4	192	0	99.2	8.8	0	0.7	16.5	99.2	97	0	0	23.8	0	0	0	0.8	0	2.3
3746.7	190	0	99.2	11.4	0	0.8	16.5	99.2	97	0.006	0.001	19.5	0	0	0	0.8	0	2.3
3749	190	0	99.2	11.4	0	0.8	16.5	99.2	99	0.095	0.075	19.5	0	0	-0.9	0.8	1.3	2.3
3751.3	190	0.052	99.2	9.8	0.012	0.8	16.5	99.2	99	0.095	0.075	19.9	-0.3	0.2	-2.3	0.8	4.7	2.3
3753.6	190	0.25	99.2	9.8	0.075	0.8	16.5	99.2	99	0.31	0.085	20.5	-0.8	0.8	-2.3	0.8	4.2	2.3
3755.9	190	0.259	99.2	9.9	0.075	0.8	16.5	99.2	99	0.8	0.115	20.4	-0.3	0.9	-2.3	0.8	0	2.3
3758.2	190	0.72	99.2	10.2	0.09	0.8	16.7	99.2	99	0.798	0.116	20	2.3	1.6	-2.2	0.8	0	2.3
3760.5	190	0.72	99.2	10.5	0.115	0.9	17.3	99.2	99	0.78	0.135	20.1	2.3	1.6	2.3	0.8	-0.5	2.3
3762.8	189	0.739	99.2	14.1	0.122	0.9	17.3	99.2	99	0.78	0.135	22	1.7	-0.3	2.3	0.8	-1.6	2.3
3765.1	189	0.8	99.2	14.1	0.155	1	17.3	99.2	99	0.793	0.141	22	0.8	-4.7	-0.5	0.8	-2.9	2.3
3767.4	189	0.8	99.2	14.8	0.155	1	17.3	99.2	99	0.82	0.155	21.7	-0.5	-4.8	-9.4	0.8	-10.9	2.3
3769.7	189	0.8	99.2	16.9	0.163	1	17.3	99.2	99	0.76	0.155	20.5	-7.8	-5.5	-9.3	0.8	-10.9	2.3
3772	189	0.8	99.2	16.7	0.175	0.9	17.3	99.2	99	0.33	0.155	20.5	-7.8	-5.5	-6.3	0.8	-9.3	2.3
3774.3	189	0.618	99.2	14.5	0.18	0.9	17.2	99.2	99	0.329	0.155	21	-5.5	-6.9	-6.3	0.8	-6.3	2.3
3776.6	189	0.175	99.2	14.5	0.195	0.8	16.5	99.2	99	0.075	0.155	21	-5.5	-9.4	-7.5	0.8	-7.1	2.3
3778.9	189	0.238	99.2	15.6	0.195	0.8	16.5	99.2	99	0.075	0.155	20.4	-6.7	-9.6	-10.2	0.8	-10.2	2.3
3781.2	189	0.7	99.2	17.6	0.195	0.8	16.5	99.2	99	0.199	0.155	19	-10.2	-10.2	-9.3	0.8	-9.9	2.3
3783.5	189	0.695	99.2	17.6	0.195	0.8	16.5	99.2	99	0.605	0.155	18.9	-9.1	-9.7	-3.1	0.8	-3.1	2.3
3785.8	189	0.136	99.2	17.6	0.195	0.7	16.5	99.2	99	0.639	0.156	18.5	-1.6	-4.7	-3.1	0.8	-3.1	2.3
3788.1	189	0.135	99.2	19.5	0.195	0.7	16.5	99.2	100	0.875	0.175	18.4	-1.6	-4.7	-2.3	-1	-3.6	1
3790.4	190	0.319	99.2	41.6	0.258	1.7	18.2	99.2	100	0.875	0.175	17	-0.7	-4.7	-2.3	-3.9	-4.7	-2.3
3792.7	190	0.82	99.2	41.6	0.485	6.2	30.6	99.2	100	0.824	0.307	17	0.8	-4.7	-3	-3.9	-3.8	-2.3
3795	190	0.762	99.2	39.7	0.486	6.2	30.6	99.2	100	0.74	0.585	19.1	-1	-5	-4.7	-3.9	0.8	-2.3
3797.3	190	0.075	99.2	35.7	0.525	6.1	31.9	99.2	101	0.621	0.593	24.5	-7	-6.3	-4.7	-3.7	0.8	-2.3
3799.6	190	0.075	99.2	31.6	0.525	6.1	34.1	99.2	104	0.135	0.64	23.8	-6.7	-6.2	-4.7	-0.8	-7.8	-0.5
3801.9	190	0.291	99.2	12.5	0.512	4.8	31.5	99.2	104	0.152	0.64	19	-3.9	-4.7	-4.7	-0.8	-7.8	2.3
3804.2	190	0.64	99.2	13.4	0.485	1.2	22.7	99.2	104	0.425	0.649	19	-3.9	-4.7	-2.3	-1.8	-5.6	1.4
3806.5	190	0.517	99.2	47.8	0.499	1.7	23.1	99.2	104	0.425	0.66	20	-3.9	-3.4	1.6	-3.9	0	-1.6
3808.8	190	0.075	99.2	47.8	0.565	5.4	28.6	99.2	104	0.413	0.644	21.5	-3.9	0	1.6	-4.1	0	-1.7
3811.1	190	0.122	99.2	48.6	0.563	5.4	28.6	99.2	104	0.39	0.605	21.7	-3.2	-0.6	1.6	-4.7	0	-2.3
3813.4	190	0.78	99.2	50.6	0.465	4	25.2	99.2	104	0.467	0.593	22.5	0	-3.9	1.4	-4.7	0	-2.3
3815.7	190	0.78	99.2	51.2	0.465	1.6	18	99.2	104	0.82	0.505	22.3	0.1	-3.9	-0.8	-4.7	-0.3	-2.3
3818	190	0.576	99.2	54.9	0.379	2.6	20.2	99.2	104	0.82	0.505	20.5	2.3	-1.1	-0.8	-4.7	-0.8	-2.3
3820.3	190	0.155	99.2	54.9	0.155	6	31.4	99.2	104	0.793	0.544	20.5	2.3	3.1	-3.1	-3.6	-2.7	-1.4
3822.6	190	0.125	99.2	35.7	0.134	5.6	30.7	99.2	104	0.76	0.605	20.5	1.6	2.3	-7.8	-0.8	-8.6	2.3
3824.9	190	0	99.2	10.2	0	0.7	16.5	99.2	104	0.708	0.452	20.5	0	0	-5.9	-0.5	-7.2	2.3
3827.2	190	0.01	99.2	11.8	0.004	0.7	16.5	99.2	104	0.605	0.055	22.1	0.6	-0.1	0.8	0.8	2.3	2.3
3829.5	190	0.136	99.2	15.7	0.115	1.1	17.5	99.2	104	0.619	0.063	27	3.1	-0.8	0.7	0.8	2.3	2.3
3831.8	190	0.135	99.2	16.1	0.115	1.6	19.6	99.2	104	0.68	0.115	27	3	-0.8	-0.8	0.8	0.8	2.3
3834.1	190	0.268	99.2	18.8	0.126	1.4	19	99.2	104	0.651	0.115	27.5	-2.3	-2.1	-0.8	0.8	-1.6	2.3
3836.4	190	0.525	99.2	18.5	0.155	0.8	16.5	99.2	104	0	0	27.5	-2.3	-3.9	-0.5	0.8	-1.6	2.3
3838.7	190	0.402	99.2	11.4	0.129	0.8	16.5	99.2	104	0	0	24.2	-1.5	-2.7	0	0.8	-1.6	2.3
3841	190	0	99.2	11.4	0	1.1	16.5	99.2	104	0	0	19.5	0	0	0	0.5	0	2.3
3843.3	190	0.004	99.2	12.6	0.001	1.1	16.5	99.2	104	0	0	22.1	0.1	0.1	0	-0.8	0	2.3
3845.6	190	0.076	99.2	16.5	0.055	1.1	16.5	99.2	104	0	0	33	0.8	0.8	0	-0.8	0	2.3
3847.9	190	0.075	99.2	16.5	0.055	1.1	20	99.2	104	0.157	0.027	33	0.8	0.8	-0.1	-1.2	0.2	2.1
3850.2	190	0.119	99.2	14.6	0.058	1.1	20	99.2	104	0.545	0.115	33	0.5	1.5	-0.8	-3.9	2.3	-1.6
3852.5	190	0.8	99.2	9.4	0.195	1	19.1	99.2	104	0.473	0.146	33	-0.8	6.3	-1.1	-3.8	2.3	-1.6
3854.8	190	0.8	99.2	9.4	0.195	1	17.3	99.2	104	0.115	0.37	32.3	-0.8	6.3	-4.7	-2.3	-0.2	-0.2

3857.1	189	0.556	99.2	9.4	0.205	2.3	21	99.2	104	0.144	0.37	24	-0.8	3.8	-4.7	-2.3	-3.9	2.3
3859.4	188	0.075	99.2	9.4	0.23	6.6	36.5	99.2	104	0.8	0.378	24	-0.8	0	-4.1	-2.5	-2.8	1.5
3861.7	187	0.084	99.2	27.9	0.268	6.6	36.5	99.2	104	0.8	0.39	23	-6.2	0.5	-3.1	-3.1	0.8	-1.6
3864	187	0.135	99.2	54.5	0.605	6.7	36.5	99.2	103	0.776	0.42	21	-3.9	2.3	-3.2	-3	0.8	-1.6
3866.3	187	0.135	99.2	55.1	0.605	6.7	36.5	99.2	102	0.7	0.545	21.1	-4.1	2.1	-3.9	-2.3	0	-1.6
3868.6	187	0.35	99.2	57.3	0.567	6.7	36.6	99.2	102	0.689	0.545	21.5	-6.3	-4.7	-3.9	-2.3	0	-1.6
3870.9	187	0.72	99.2	57.3	0.485	6.9	36.9	99.2	102	0.465	0.39	21.5	-6.3	-4.7	-3	-2.6	-0.2	-1.6
3873.2	189	0.612	99.2	56.5	0.47	6.9	36.9	99.2	102	0.465	0.39	21.3	-4.2	-3.2	-1.6	-3.1	-0.8	-1.6
3875.5	189	0.21	99.2	56.5	0.39	6.8	36.5	99.2	102	0.516	0.385	21	0	0.8	-2.3	-3.1	-1.4	-1.6
3877.8	189	0.223	99.2	56.5	0.39	6.8	36.5	99.2	102	0.625	0.37	21	0.2	0.6	-4.7	-3.1	-5.5	-1.6
3880.1	190	0.39	99.2	56.5	0.457	5.1	30.7	99.2	102	0.665	0.409	21	0.8	-0.8	-4.3	-2.9	-5.5	-1.6
3882.4	190	0.39	99.2	49.9	0.545	2.1	19.2	99.2	102	0.855	0.68	20.9	0.8	-0.8	0	0.8	-3.3	-0.2
3884.7	190	0.262	99.2	11.4	0.392	1.8	18.7	99.2	102	0.851	0.679	19.5	0	-0.5	0	0.8	0	2.3
3887	190	0.015	99.2	11.4	0.015	0.8	16.5	99.2	102	0.76	0.095	19.5	0	0	-1.4	0.8	-1.2	2.3
3889.3	190	0.143	99.2	10.8	0.025	0.9	16.5	99.2	102	0.76	0.095	20	-1.7	0.4	-3.9	0.8	-4.7	2.3
3891.6	190	0.76	99.2	9.8	0.095	3	22.7	99.2	102	0.575	0.104	21	-5.5	1.6	-2.8	0.5	-4.5	2.3
3893.9	190	0.723	99.2	9.7	0.095	3	22.7	99.2	102	0.115	0.135	21.2	-4.8	1.3	1.6	-1.6	-2.3	2.3
3896.2	190	0.135	99.2	9.4	0.113	2.2	20.9	99.2	102	0.111	0.137	22	-1.6	-0.8	1.2	-1.6	-2.3	2.3
3898.5	190	0.135	99.2	9.9	0.135	1	17.3	99.2	102	0.095	0.155	22.1	-1.3	-0.8	-3.1	0.8	-2.3	2.3
3900.8	190	0.343	99.2	12.2	0.147	1	17.3	99.2	102	0.129	0.155	23	3.1	0	-3.1	0.8	-2.3	2.3
3903.1	190	0.72	99.2	12.3	0.175	1	17.3	99.2	102	0.72	0.155	23	3.1	0	-3.1	0.8	-2.3	2.3
3905.4	190	0.695	99.2	17.3	0.175	1	17.3	99.2	102	0.72	0.155	22	2.4	-1	-3.1	0.8	-2.3	2.3
3907.7	190	0.585	99.2	17.3	0.175	1	17.6	99.2	102	0.52	0.155	20.5	0.8	-3.9	-1.8	0	-1.8	2
3910	190	0.59	99.2	26	0.175	1	17.6	99.2	102	0.055	0.155	20.4	0.4	-3.7	3.1	-4.7	2.3	-2.3
3912.3	190	0.72	99.2	48.6	0.296	2.5	21	99.2	102	0.168	0.213	20	-1.6	-2.3	2.8	-4.7	2.3	-2.3
3914.6	190	0.72	99.2	47.3	0.465	5	28.2	99.2	102	0.76	0.66	20.1	-1.4	-2.3	-2.3	-4.4	-1.6	-2.1
3916.9	190	0.74	99.2	38	0.39	4.6	26.7	99.2	102	0.749	0.66	21	2.3	-2	-2.3	-3.9	-7.8	-1.6
3919.2	190	0.78	99.2	37.9	0.195	0.8	16.5	99.2	104	0.195	0.586	21	2.3	-1.6	-1.1	-2.8	-5.1	-1
3921.5	190	0.783	99.2	11.4	0.186	0.8	16.5	99.2	104	0.195	0.41	20.7	1.7	0.4	2.3	0.8	6.3	2.3
3923.8	190	0.8	99.2	11.4	0.115	0.8	16.5	99.2	104	0.195	0.41	20	0	8.6	2.3	0.8	6.3	2.3
3926.1	190	0.8	99.2	11.4	0.115	0.8	16.5	99.2	104	0.417	0.384	20	0	8.6	1	0.8	6.7	2.3
3928.4	190	0.78	99.2	12.8	0.117	0.8	16.5	99.2	104	0.78	0.33	19	-0.7	7	-2.3	0.8	8.6	2.3
3930.7	190	0.605	99.2	15.7	0.155	0.8	16.5	99.2	104	0.796	0.374	16.5	-3.1	-0.8	-2.3	0.5	8.6	2.3
3933	190	0.605	99.2	20.3	0.155	0.8	16.5	99.2	104	0.855	0.625	17	-3.1	-0.8	-2.3	-4.7	5.4	0.3
3935.3	190	0.672	99.2	45.5	0.182	0.9	16.5	99.2	104	0.851	0.625	22	-2.3	0.5	-2.3	-4.7	0.8	-3.1
3937.6	190	0.8	99.2	45.5	0.25	1	16.5	99.2	104	0.64	0.57	22	-2.3	2.3	-2.3	-3	1	-2
3939.9	190	0.788	99.2	32.1	0.247	1	16.5	99.2	104	0.64	0.485	20.9	-3.6	1.9	-2.3	0.8	1.6	2.3
3942.2	190	0.74	99.2	13.3	0.23	0.9	17.3	99.2	104	0.679	0.465	19	-6.3	0.8	-2.2	0.8	1.1	2.3
3944.5	190	0.688	99.2	15.7	0.229	0.9	17.3	99.2	104	0.76	0.41	18.6	-5.2	0.6	-1.6	0.8	-2.3	2.3
3946.8	190	0.095	99.2	21.6	0.21	0.9	17.3	99.2	104	0.73	0.405	17.5	-0.8	-0.8	-1.5	0.8	-2.3	2.3
3949.1	190	0.095	99.2	21.7	0.21	1	17.3	99.2	104	0.605	0.37	17.5	-0.7	-0.8	-0.8	0.8	-0.4	2.3
3951.4	190	0.314	99.2	22	0.21	1	17.3	99.2	104	0.583	0.37	17.5	1.6	0.9	-0.8	0.8	2.3	2.3
3953.7	190	0.7	99.2	22	0.21	0.9	17.3	99.2	106	0.195	0.362	17.5	1.6	3.1	1.3	0.8	2.7	2.3
3956	190	0.686	99.2	22	0.21	0.9	17.3	99.2	106	0.195	0.35	17.3	2.7	4.3	4.7	0.8	3.9	2.3
3958.3	190	0.64	99.2	22	0.21	0.9	17.3	99.2	106	0.398	0.435	17	4.7	7	5.1	0.1	3.7	2.2
3960.6	191	0.649	99.2	19.6	0.213	0.9	17.3	99.2	106	0.82	0.66	18.3	4.2	5.7	6.3	-3.1	2.3	1.6
3962.9	192	0.78	99.2	13.7	0.39	2.7	21.2	99.2	106	0.707	0.658	22.5	2.3	-2.3	6	-3.1	2.3	1.6
3965.2	192	0.78	99.2	19.5	0.39	5.6	29.4	99.2	106	0.115	0.64	21.8	2.2	-2.3	1.6	-3.1	1.7	0.5
3967.5	192	0.78	99.2	58.8	0.447	5.8	29.8	99.2	106	0.115	0.64	13.5	-0.8	-3.9	1.6	-3.1	0.8	-1.6
3969.8	192	0.78	99.2	58.8	0.605	6.7	32.2	99.2	109	0.432	0.7	13.5	-0.8	-6.3	1.1	-2.1	0.6	-1
3972.1	190	0.693	99.2	48	0.596	6.3	31.9	99.2	109	0.835	0.8	14.6	-1	-5.7	0	0.8	0	2.3
3974.4	190	0.33	99.2	31.8	0.545	1.1	25.5	99.2	109	0.586	0.623	16.5	-1.6	-3.9	0.2	0.2	0.3	2.1
3976.7	190	0.352	99.2	39.7	0.545	1.1	25.5	99.2	109	0.075	0.115	17.6	-1	-3.7	0.8	-3.1	2.3	-1.6
3979	190	0.72	99.2	59.2	0.471	3.4	29.7	99.2	109	0.117	0.153	21	1.6	-2.3	0.3	-3.1	2.3	-1.6
3981.3	190	0.72	99.2	53.6	0.37	7.2	38.4	99.2	109	0.33	0.465	21.8	1.4	-2.3	-7.8	-2.3	-2.5	-0.2
3983.6	190	0.699	99.2	21.6	0.408	6.8	36.1	99.2	109	0.329	0.465	29.5	-3.9	-4.6	-7.8	-2.3	-10.2	2.3
3985.9	190	0.66	99.2	21.6	0.505	5.3	26.3	99.2	109	0.23	0.38	29.5	-3.9	-7.8	-6.7	-2.7	-7.7	1.4
3988.2	190	0.554	99.2	29.3	0.459	5.2	26.2	99.2	109	0.23	0.25	26.2	-3.4	-5	-4.7	-3.9	0.8	-2.3
3990.5	190	0.175	99.2	40	0.195	4.1	24.3	99.2	109	0.374	0.265	20.5	-2.3	2.3	-4.4	-3.5	0.4	-2.1
3992.8	190	0.172	99.2	32.8	0.195	4.1	24.3	99.2	109	0.7	0.31	21	-1.1	2.7	-3.1	-0.8	-3.9	2.3

3995.1	190	0.116	99.2	12.5	0.23	2.9	22.1	99.2	109	0.619	0.306	23	4.7	5.5	-2.9	-0.8	-3.9	2.3
3997.4	191	0.115	99.2	16.3	0.23	1	17.3	99.2	109	0.155	0.27	22.8	4.7	5.5	0.8	0.8	-1.4	2.3
3999.7	192	0.34	99.2	44.3	0.258	1.5	18.5	99.2	109	0.17	0.27	19	-2.3	1.3	0.8	0.8	2.3	2.3
4002	192	0.78	99.2	44.2	0.33	3.1	23.9	99.2	108	0.7	0.369	19	-2.3	-4.7	-0.4	-0.5	1.2	1.6
4004.3	192	0.73	99.2	38	0.351	3.1	24	99.2	108	0.7	0.505	19.2	-1.8	-3.8	-2.3	-3.1	-1.6	-0.8
4006.6	192	0.545	99.2	38	0.465	3.1	25.1	99.2	108	0.61	0.44	19.5	-0.8	-1.6	-1.8	-3.1	-1	-0.6
4008.9	192	0.522	99.2	31.5	0.465	3.1	25.1	99.2	108	0.425	0.27	19.7	-0.9	-1.1	0	-3.1	3.1	2.3
4011.2	192	0.056	99.2	14.9	0.465	2.4	22.8	99.2	108	0.408	0.268	20.5	-1.6	2.3	0	-3.1	3.1	2.3
4013.5	192	0.055	99.2	15	0.465	1	17.3	99.2	109	0.31	0.25	20.3	-1.6	2.3	-0.8	-1.5	2.8	2.3
4015.8	192	0.081	99.2	15.7	0.372	0.9	17.2	99.2	109	0.31	0.25	17	0	1.7	-0.8	0.8	2.3	2.3
4018.1	192	0.135	99.2	15.7	0.135	0.7	16.5	99.2	109	0.515	0.243	17	0	0.8	-1.3	0.8	1.6	2.3
4020.4	194	0.153	99.2	14.1	0.141	0.7	16.5	99.2	109	0.8	0.23	17.7	-1.3	0	-2.3	0.8	-0.8	2.3
4022.7	194	0.23	99.2	11.8	0.175	0.8	16.5	99.2	109	0.576	0.225	19	-3.9	-2.3	-1.6	0.8	-0.6	2.3
4025	194	0.267	99.2	11.4	0.177	0.8	16.5	99.2	109	0.075	0.21	19.1	-3.9	-2.1	1.6	0.8	1.6	2.3
4027.3	194	0.7	99.2	10.6	0.23	0.8	16.5	99.2	109	0.193	0.208	19.5	-3.9	-0.8	1.4	0.8	1.6	2.3
4029.6	194	0.7	99.2	12.5	0.23	0.7	16.5	99.2	109	0.66	0.195	19.8	-3.8	-0.8	-1.6	0.8	1.6	2.3
4031.9	194	0.713	99.2	25.1	0.242	0.7	16.5	99.2	109	0.636	0.195	23	0.8	-1.4	-1.6	0.8	1.6	2.3
4034.2	194	0.74	99.2	25.2	0.27	0.8	16.5	99.2	109	0.075	0.28	23	0.8	-2.3	-1	0.8	0.5	2.3
4036.5	194	0.749	99.2	41.2	0.277	0.8	16.6	99.2	109	0.075	0.39	21.4	0.2	-2.3	0	0.8	-2.3	2.3
4038.8	194	0.78	99.2	41.2	0.31	1	17.3	99.2	109	0.06	0.426	19	-0.8	-2.3	-0.6	0.8	-1.8	2.3
4041.1	192	0.775	99.2	32.7	0.311	1	17.3	99.2	109	0.035	0.505	18.9	-0.8	-2.7	-2.3	0.8	0.8	2.3
4043.4	192	0.72	99.2	15.3	0.33	1.2	19	99.2	109	0.174	0.527	18.5	-0.8	-4.7	-2.6	0.7	0.8	2.3
4045.7	192	0.72	99.2	16.1	0.33	1.6	22	99.2	109	0.7	0.66	18.6	-1	-4.7	-5.5	-0.8	0.1	2.3
4048	192	0.472	99.2	19.6	0.337	1.4	20.8	99.2	109	0.706	0.66	19.5	-3.9	-1.6	-5.5	-0.8	-0.8	2.3
4050.3	192	0.055	99.2	19.5	0.35	0.8	16.5	99.2	109	0.78	0.7	19.5	-3.9	-1.6	-5.5	-0.3	-1.5	2.3
4052.6	192	0.195	99.2	15.7	0.347	0.8	16.5	99.2	109	0.78	0.7	18.3	-4.4	-2.3	-5.5	0.8	-3.1	2.3
4054.9	192	0.7	99.2	15.7	0.33	0.8	16.5	99.2	110	0.755	0.69	16.5	-5.5	-3.9	-6	0.8	-3.2	2.3
4057.2	192	0.7	99.2	15.7	0.33	0.8	16.5	99.2	111	0.7	0.66	16.5	-5.5	-3.9	-7.8	0.8	-3.9	2.3