

400, ../OUTPUT/PA5-HighRes-J-Unknown\_Output.txt, 6  
-58.4801, 38.8614, -104.664, -86.6152, -108.01, 58.0805,  
-20.54 -23.62 -6.52 -20.55 -23.61 -6.57 0.054  
16.40 -17.04 -10.32 16.38 -17.14 -10.25 0.120  
-3.55 9.64 54.56 -3.63 9.64 54.57 0.089  
-25.26 -33.28 -32.22 -25.25 -33.26 -32.21 0.025  
-18.67 11.99 -35.58 -18.66 12.06 -35.61 0.072  
-15.56 7.17 -10.50 -15.51 7.06 -10.55 0.135  
23.97 24.53 1.66 23.99 24.54 1.66 0.023  
15.08 29.31 -20.91 15.08 29.24 -20.90 0.071  
-29.68 7.27 -34.05 -29.63 7.23 -34.02 0.070  
-20.99 0.21 -46.90 -20.99 0.20 -46.89 0.009  
32.84 -2.43 8.09 32.86 -2.43 8.12 0.033  
33.28 2.94 -16.62 33.23 2.95 -16.60 0.051  
-18.77 11.20 -37.57 -18.76 11.18 -37.55 0.028  
-5.50 11.28 4.96 -5.56 11.36 4.95 0.095  
10.29 27.17 -6.54 10.27 27.21 -6.55 0.051  
32.86 9.36 -18.65 33.03 9.34 -18.70 0.175  
1.21 28.13 15.91 1.25 28.04 15.97 0.114  
-12.31 -2.97 6.00 -12.36 -2.97 6.02 0.054  
-37.18 2.83 -27.73 -37.22 2.87 -27.74 0.053  
-7.35 23.97 45.85 -7.38 23.94 45.87 0.043  
24.28 17.27 25.33 24.31 17.28 25.33 0.034  
13.13 -6.12 46.56 13.04 -6.05 46.57 0.106  
25.72 23.51 -11.12 25.69 23.47 -11.12 0.045  
-18.30 3.02 -45.31 -18.31 3.03 -45.32 0.012  
-32.95 -14.67 -43.71 -32.96 -14.67 -43.72 0.007  
16.12 -5.33 -28.82 16.16 -5.32 -28.76 0.075  
-2.72 22.36 15.07 -2.70 22.35 15.08 0.023  
-4.26 2.92 -33.98 -4.31 2.90 -33.97 0.049  
11.29 18.62 59.04 11.29 18.61 59.00 0.040  
34.76 -3.48 2.09 34.83 -3.56 2.08 0.106  
-19.76 13.73 -25.39 -19.77 13.77 -25.37 0.044  
16.95 -16.84 -9.62 16.96 -16.79 -9.65 0.053  
33.11 -0.01 7.71 33.12 -0.01 7.72 0.011  
-14.56 -17.50 -6.19 -14.64 -17.48 -6.30 0.141  
2.94 30.37 26.49 2.86 30.19 26.45 0.203  
-2.20 -18.28 -7.92 -2.21 -18.28 -7.89 0.034  
-31.99 1.38 -39.61 -32.03 1.43 -39.66 0.078  
9.10 17.11 -5.80 9.06 17.11 -5.86 0.063  
-3.30 21.13 15.49 -3.38 21.16 15.44 0.093  
-1.42 17.74 9.96 -1.37 17.71 9.98 0.061  
4.61 -9.93 59.52 4.61 -9.91 59.50 0.026  
14.69 -15.02 -6.90 14.67 -14.98 -6.92 0.044  
15.65 19.35 -30.30 15.68 19.38 -30.35 0.061  
21.59 -16.87 -17.77 21.59 -16.87 -17.77 0.000  
33.97 5.05 -15.21 33.88 5.05 -15.18 0.096  
7.28 -16.44 -15.31 7.24 -16.53 -15.35 0.105  
21.40 2.69 32.15 21.30 2.73 32.12 0.116  
28.45 -9.28 -21.17 28.51 -9.32 -21.20 0.075  
-14.61 -7.26 -50.10 -14.64 -7.23 -50.19 0.100  
-23.62 4.84 -42.59 -23.63 4.88 -42.63 0.054  
14.15 -18.77 -11.87 14.15 -18.79 -11.88 0.022

-0.12	8.57	-18.45	-0.12	8.56	-18.44	0.010
-1.87	-23.63	-17.00	-1.95	-23.52	-17.06	0.153
-11.66	-13.36	-50.35	-11.67	-13.35	-50.29	0.068
-11.41	23.93	40.62	-11.25	23.89	40.51	0.203
-25.70	-28.97	-11.05	-25.72	-29.01	-11.04	0.043
-0.66	-4.82	-27.59	-0.69	-4.82	-27.58	0.027
9.01	24.40	-14.35	9.13	24.33	-14.36	0.145
-6.45	-17.31	-5.74	-6.45	-17.28	-5.76	0.035
-29.39	-19.58	-6.61	-29.39	-19.58	-6.64	0.031
-11.89	-0.70	7.08	-11.99	-0.70	7.13	0.109
3.50	18.46	0.30	3.44	18.52	0.26	0.091
-1.15	-14.73	3.53	-1.14	-14.67	3.52	0.062
-18.45	-11.74	-50.03	-18.46	-11.74	-50.04	0.014
24.80	3.59	22.19	24.80	3.60	22.18	0.005
-16.49	-19.96	-48.17	-16.49	-19.96	-48.16	0.014
35.49	-2.37	3.39	35.61	-2.42	3.38	0.127
11.30	-7.40	51.71	11.22	-7.29	51.71	0.136
14.97	-12.30	-22.76	14.94	-12.38	-22.83	0.105
11.06	14.13	-20.95	11.15	14.19	-20.99	0.117
2.22	-18.04	-10.78	2.09	-17.94	-10.75	0.165
-32.90	-30.37	-28.64	-32.95	-30.46	-28.66	0.107
-19.26	13.85	-27.95	-19.31	14.00	-27.96	0.161
-6.79	-18.54	-9.48	-6.80	-18.52	-9.48	0.026
-33.38	-30.19	-29.27	-33.31	-30.07	-29.23	0.143
7.65	23.67	39.80	7.66	23.69	39.81	0.024
26.01	-12.31	0.35	26.02	-12.32	0.36	0.021
-30.72	-32.05	-25.37	-30.74	-32.08	-25.36	0.030
36.37	5.67	3.71	36.41	5.68	3.71	0.046
25.35	22.57	6.73	25.32	22.55	6.73	0.037
21.44	26.66	-3.06	21.47	26.71	-3.06	0.057
6.38	-16.96	-1.73	6.39	-16.93	-1.74	0.030
-3.35	-7.51	52.46	-3.26	-7.45	52.47	0.109
3.89	30.08	16.18	4.01	29.78	16.28	0.339
7.58	18.83	58.29	7.49	18.98	58.32	0.176
5.13	19.02	-1.72	5.19	18.98	-1.68	0.081
32.49	6.30	-20.75	32.57	6.29	-20.80	0.093
3.34	-14.14	-18.71	3.33	-14.17	-18.73	0.043
24.83	-12.79	1.79	24.80	-12.75	1.77	0.056
17.85	16.62	57.49	17.89	16.63	57.50	0.042
-21.50	5.87	-41.98	-21.51	5.93	-42.05	0.096
0.96	30.87	25.60	1.00	31.00	25.61	0.140
-10.85	-18.01	-7.87	-10.86	-17.99	-7.89	0.024
0.79	-14.04	5.30	0.82	-14.07	5.33	0.056
11.17	-14.74	-2.93	11.17	-14.74	-2.92	0.015
1.14	-17.93	-6.29	1.14	-17.97	-6.27	0.039
8.24	20.85	-6.05	8.27	20.85	-6.04	0.024
20.27	-15.41	-7.94	20.27	-15.39	-7.95	0.019
16.13	18.70	55.49	16.32	18.83	55.66	0.289
2.62	17.86	57.98	2.65	17.81	57.95	0.066
11.56	25.63	-28.91	11.56	25.64	-28.92	0.015
4.20	-15.00	0.66	4.21	-15.03	0.68	0.037
35.18	-2.93	-5.77	35.21	-2.96	-5.78	0.047
-26.46	-29.68	-12.23	-26.45	-29.64	-12.27	0.059
27.34	-14.03	-15.96	27.37	-14.07	-15.99	0.054

12.28	18.19	59.12	12.28	18.16	59.07	0.057
-20.25	13.50	-24.95	-20.25	13.50	-24.95	0.000
-2.23	15.34	8.92	-2.37	15.44	8.88	0.171
-28.99	7.19	-18.63	-28.98	7.20	-18.66	0.027
-19.99	5.78	-42.47	-20.00	5.80	-42.50	0.037
13.36	-7.89	24.53	13.37	-7.94	24.54	0.054
10.93	-7.15	53.43	11.07	-7.37	53.43	0.256
14.60	29.97	2.47	14.60	29.76	2.45	0.207
-2.53	-7.36	42.10	-2.47	-7.34	42.10	0.064
0.06	31.01	21.88	0.12	31.19	21.86	0.195
28.12	-8.59	4.98	28.12	-8.59	4.98	0.003
-16.24	-23.67	-46.63	-16.24	-23.68	-46.64	0.016
-34.51	-12.75	-42.32	-34.51	-12.75	-42.32	0.003
-36.70	-12.76	-8.80	-36.74	-12.79	-8.72	0.093
-15.72	11.84	-36.36	-15.71	11.81	-36.35	0.038
-0.19	16.35	3.91	-0.17	16.34	3.92	0.019
-38.69	-0.13	-18.21	-38.73	-0.09	-18.19	0.065
-9.67	-32.44	-34.16	-9.71	-32.30	-34.15	0.144
-7.74	1.39	20.48	-7.80	1.41	20.48	0.061
11.75	22.15	40.81	11.75	22.15	40.81	0.007
0.71	9.84	-16.50	0.72	9.86	-16.51	0.023
-3.41	-27.15	-18.61	-3.49	-27.12	-18.64	0.092
-5.78	8.15	24.26	-5.60	8.13	24.21	0.186
31.57	5.88	-22.65	31.55	5.88	-22.64	0.026
-21.48	-11.71	-49.42	-21.47	-11.73	-49.45	0.033
-2.16	14.95	57.06	-2.29	15.02	57.19	0.194
9.82	-16.84	-14.86	9.79	-16.93	-14.91	0.105
-1.19	14.71	3.04	-1.19	14.71	3.04	0.003
1.12	-18.98	-7.03	1.09	-18.84	-7.12	0.178
-18.34	-28.08	-8.21	-18.42	-28.15	-8.12	0.136
26.38	-11.95	0.27	26.43	-12.00	0.29	0.073
-1.68	-9.62	59.13	-1.65	-9.57	59.10	0.072
-3.74	24.05	48.76	-3.71	24.00	48.71	0.071
20.25	27.76	-13.31	20.25	27.74	-13.31	0.019
33.32	12.89	-9.82	33.22	12.84	-9.82	0.102
-38.04	-9.82	-36.49	-38.11	-9.82	-36.51	0.082
-1.24	26.96	16.64	-1.27	27.04	16.53	0.133
-19.89	-14.29	-48.63	-19.88	-14.24	-48.63	0.053
12.59	21.85	33.66	12.75	22.05	33.72	0.259
17.41	28.15	12.07	17.37	28.09	12.05	0.074
1.16	13.30	-7.36	1.17	13.22	-7.32	0.090
-19.40	-19.22	-5.22	-19.42	-19.23	-5.15	0.073
-20.42	-15.59	-49.40	-20.45	-15.60	-49.45	0.065
-11.44	-1.39	-46.34	-11.46	-1.43	-46.26	0.089
-15.63	-21.88	-6.38	-15.63	-21.88	-6.38	0.003
23.86	-9.93	9.87	23.83	-9.90	9.85	0.045
21.64	26.84	-12.31	21.64	26.84	-12.31	0.003
-26.34	-29.14	-38.77	-26.36	-29.20	-38.80	0.070
3.36	-14.96	-17.12	3.38	-14.90	-17.09	0.070
35.98	3.65	-9.80	36.04	3.68	-9.82	0.074
-3.20	-24.40	-37.39	-3.26	-24.36	-37.34	0.089
-2.68	32.20	28.18	-2.69	32.18	28.18	0.029
4.35	-10.23	23.99	4.34	-10.02	23.97	0.214
-43.70	-14.47	-26.04	-43.73	-14.48	-26.03	0.035

0.89	13.21	-7.63	0.91	13.07	-7.57	0.155
24.41	-14.05	-2.39	24.42	-14.04	-2.39	0.014
-30.23	-19.47	-43.39	-30.24	-19.48	-43.41	0.022
-42.92	-10.59	-25.71	-43.05	-10.51	-25.74	0.150
11.03	29.76	14.85	11.02	29.70	14.84	0.060
30.34	18.49	2.74	30.18	18.35	2.73	0.214
1.63	-10.00	21.18	1.63	-10.16	21.22	0.163
-3.02	-11.94	-32.16	-3.02	-11.93	-32.16	0.004
1.78	24.65	10.58	1.89	24.58	10.69	0.165
7.38	-8.95	52.53	7.41	-9.03	52.53	0.088
-43.83	-14.08	-25.43	-43.79	-14.06	-25.43	0.040
18.43	14.56	-30.06	18.43	14.56	-30.05	0.005
18.31	-12.70	-24.42	18.29	-12.74	-24.44	0.045
8.44	30.06	14.39	8.44	29.96	14.38	0.108
9.61	-16.41	-3.04	9.59	-16.40	-3.06	0.029
-8.62	0.89	17.81	-8.38	0.83	17.77	0.246
27.61	21.53	-17.08	27.68	21.58	-17.09	0.082
17.82	-17.15	-15.99	17.82	-17.20	-16.01	0.056
-13.64	11.59	-36.93	-13.64	11.57	-36.92	0.022
30.18	-3.40	9.87	30.20	-3.41	9.89	0.030
15.75	2.79	-28.41	15.76	2.79	-28.40	0.015
-7.21	-9.15	14.44	-7.30	-9.22	14.46	0.116
15.88	27.10	-24.87	15.86	27.08	-24.86	0.024
-10.88	-21.26	-48.20	-10.90	-21.27	-48.14	0.062
-11.22	-22.61	-47.19	-11.22	-22.61	-47.20	0.017
-39.35	-17.75	-14.12	-39.44	-17.79	-14.08	0.105
-7.19	-18.58	-8.25	-7.21	-18.54	-8.26	0.051
-22.43	-12.07	-4.13	-22.42	-12.06	-4.16	0.037
29.14	20.25	-7.86	29.17	20.27	-7.85	0.041
23.38	24.22	8.12	23.33	24.15	8.10	0.089
32.06	16.42	1.90	31.96	16.33	1.89	0.138
28.19	-10.28	0.03	28.17	-10.27	0.02	0.019
20.61	17.43	40.93	20.65	17.44	40.94	0.045
-6.93	-20.85	-11.94	-6.94	-20.83	-11.96	0.033
-33.21	0.00	-39.82	-33.29	0.11	-39.92	0.178
-2.60	9.53	46.05	-2.72	9.54	46.04	0.123
34.55	8.18	-12.56	34.73	8.21	-12.60	0.183
-23.15	-28.17	-41.59	-23.16	-28.11	-41.55	0.071
11.13	-18.66	-10.46	11.15	-18.61	-10.45	0.054
35.02	3.61	-12.69	35.02	3.61	-12.69	0.002
24.18	16.11	28.33	24.03	16.09	28.28	0.156
18.99	-0.45	35.54	18.96	-0.43	35.53	0.031
12.22	28.00	-8.05	12.23	27.97	-8.05	0.032
27.94	21.79	-14.53	27.95	21.81	-14.53	0.023
-5.94	-6.30	26.75	-5.89	-6.26	26.72	0.073
1.19	-15.11	2.42	1.18	-15.11	2.41	0.018
11.01	-13.84	-20.22	11.03	-13.79	-20.18	0.064
17.92	0.81	48.33	18.11	0.69	48.36	0.227
-18.71	-32.67	-14.84	-18.71	-32.67	-14.84	0.001
15.60	23.14	28.10	15.58	23.12	28.07	0.034
-9.81	1.67	11.71	-9.88	1.68	11.74	0.082
-31.77	-29.84	-17.82	-31.81	-29.88	-17.79	0.061
19.16	15.19	53.32	19.24	15.22	53.34	0.085
8.16	19.62	58.66	8.30	19.36	58.60	0.297

17.56	-14.41	-6.88	17.56	-14.41	-6.88	0.003
-40.19	-11.66	-12.74	-40.22	-11.66	-12.72	0.039
29.62	-3.43	-20.67	29.69	-3.43	-20.70	0.075
2.81	-16.95	-3.91	2.81	-17.02	-3.90	0.077
-3.75	-3.01	59.72	-3.77	-3.01	59.74	0.027
-2.23	31.93	28.10	-2.21	31.99	28.10	0.064
-19.87	-35.29	-30.59	-19.86	-34.99	-30.54	0.303
-28.73	-22.69	-7.51	-28.74	-22.70	-7.49	0.019
-31.91	3.08	-14.09	-31.91	3.09	-14.09	0.005
-1.08	-23.56	-34.82	-1.11	-23.55	-34.80	0.037
-30.33	-20.83	-7.24	-30.33	-20.83	-7.23	0.012
25.20	22.35	8.43	25.16	22.32	8.42	0.048
-5.21	-18.16	-7.82	-5.21	-18.17	-7.82	0.012
9.57	25.44	-11.51	9.63	25.42	-11.51	0.065
14.27	-13.01	-1.27	14.24	-12.94	-1.30	0.082
-11.02	11.11	-22.59	-11.02	11.11	-22.59	0.000
13.31	12.10	59.63	13.31	12.10	59.67	0.041
-42.30	-18.21	-27.93	-42.39	-18.24	-27.94	0.092
6.47	2.92	60.71	6.51	2.92	60.78	0.076
12.86	-6.12	46.32	12.94	-6.18	46.31	0.102
30.25	17.83	-5.01	30.23	17.82	-5.02	0.019
-24.44	-33.78	-19.26	-24.39	-33.59	-19.30	0.202
-12.09	6.83	-5.28	-12.12	6.86	-5.26	0.041
2.16	-3.65	-24.38	2.16	-3.66	-24.36	0.022
-13.25	-8.19	2.40	-13.29	-8.23	2.46	0.085
24.13	24.53	1.76	24.07	24.46	1.75	0.093
-20.32	6.49	-13.96	-20.34	6.51	-13.94	0.031
-14.75	-18.51	-6.49	-14.79	-18.50	-6.54	0.061
11.31	-10.35	10.30	11.28	-10.24	10.28	0.108
33.70	7.37	-15.48	33.76	7.37	-15.50	0.064
-15.16	-0.91	-47.75	-15.19	-0.95	-47.70	0.077
-36.58	-21.12	-12.48	-36.53	-21.09	-12.50	0.056
-2.16	31.52	20.63	-2.17	31.38	20.67	0.142
-41.27	-12.83	-33.49	-41.31	-12.83	-33.53	0.054
16.48	-16.47	-17.83	16.49	-16.41	-17.80	0.063
19.30	20.63	35.67	19.31	20.65	35.67	0.029
5.10	21.63	50.63	5.11	21.68	50.65	0.053
13.54	-18.18	-13.18	13.53	-18.28	-13.23	0.119
-23.69	6.24	-40.88	-23.72	6.37	-40.99	0.168
-7.79	-28.64	-38.62	-7.79	-28.64	-38.62	0.002
12.67	8.10	-20.50	12.64	8.11	-20.51	0.032
-34.66	-14.22	-41.27	-34.68	-14.23	-41.28	0.026
-0.14	-14.29	5.16	-0.14	-14.38	5.19	0.092
6.63	10.58	-13.43	6.64	10.61	-13.47	0.055
-36.82	3.48	-24.56	-36.88	3.54	-24.55	0.079
-15.07	-1.95	-48.42	-15.09	-1.98	-48.38	0.057
0.34	21.29	10.66	0.15	21.39	10.50	0.264
-39.67	-22.33	-34.65	-39.62	-22.17	-34.56	0.183
-40.28	-2.84	-31.18	-40.39	-2.79	-31.23	0.133
3.19	15.11	-4.98	3.21	15.06	-4.96	0.051
-24.64	-24.34	-7.00	-24.63	-24.32	-7.03	0.034
6.92	20.97	-3.70	6.94	20.97	-3.70	0.019
22.61	7.60	-31.48	22.61	7.60	-31.47	0.005
-13.60	-19.49	-7.78	-13.61	-19.48	-7.80	0.021

-11.93	-2.16	6.71	-12.08	-2.16	6.78	0.164
-0.08	16.38	3.28	-0.00	16.31	3.31	0.110
-3.31	-0.55	44.77	-3.57	-0.54	44.74	0.258
28.34	7.74	-27.89	28.45	7.73	-27.97	0.135
-1.63	8.96	-18.38	-1.63	8.93	-18.36	0.036
-31.40	-30.51	-19.07	-31.41	-30.54	-19.06	0.034
-8.28	-4.46	22.60	-8.27	-4.46	22.60	0.010
2.36	-18.97	-29.12	2.32	-18.96	-29.12	0.041
3.22	18.90	56.49	3.23	18.79	56.41	0.128
17.63	0.49	48.97	17.80	0.38	49.00	0.215
-31.24	5.87	-17.48	-31.23	5.92	-17.42	0.079
11.95	-6.36	53.52	12.11	-6.56	53.54	0.253
-3.59	1.40	44.17	-3.59	1.40	44.17	0.006
2.40	-17.23	-11.48	2.41	-17.31	-11.50	0.083
29.80	11.57	15.53	29.73	11.57	15.48	0.092
23.08	-17.15	-15.76	23.08	-17.15	-15.76	0.007
9.86	-6.84	59.52	9.92	-6.91	59.60	0.116
22.40	10.45	38.67	22.36	10.45	38.66	0.038
19.98	17.79	43.22	20.01	17.80	43.23	0.032
25.66	22.34	5.89	25.68	22.37	5.90	0.042
11.10	-12.23	1.87	11.10	-12.26	1.88	0.026
-12.34	-30.09	-40.15	-12.34	-30.11	-40.16	0.028
15.31	-4.46	41.74	15.24	-4.40	41.73	0.100
-2.74	8.71	47.09	-2.69	8.72	47.09	0.049
15.15	-6.69	30.28	15.12	-6.66	30.27	0.043
-0.32	9.92	-16.73	-0.32	9.91	-16.73	0.013
-31.21	-14.81	-44.89	-31.23	-14.82	-44.94	0.053
-4.23	2.02	56.10	-4.19	2.02	56.09	0.043
2.02	14.86	-4.43	2.05	14.81	-4.40	0.063
13.53	27.97	19.12	13.57	28.03	19.13	0.071
-3.69	-3.59	-38.51	-3.59	-3.59	-38.50	0.094
0.45	-13.00	-21.98	0.45	-13.01	-21.99	0.009
36.11	4.03	-8.67	36.23	4.07	-8.70	0.134
-26.08	-34.24	-24.61	-26.07	-34.21	-24.61	0.027
16.03	-3.49	41.94	15.99	-3.45	41.93	0.052
7.85	28.18	26.33	7.87	28.28	26.35	0.107
5.32	27.87	8.13	5.18	27.92	8.09	0.145
-40.09	-23.23	-31.99	-40.03	-23.18	-31.98	0.084
-5.77	-6.28	-43.13	-5.76	-6.28	-43.14	0.010
13.47	26.32	24.93	13.45	26.30	24.92	0.030
26.79	8.04	21.22	26.79	8.04	21.22	0.008
-40.95	-3.34	-30.14	-41.06	-3.29	-30.18	0.119
15.99	-1.27	53.28	16.11	-1.36	53.29	0.150
-4.94	6.36	-28.66	-4.86	6.40	-28.67	0.095
-24.25	-16.72	-5.45	-24.24	-16.72	-5.47	0.030
-34.68	-23.20	-35.92	-34.77	-23.25	-35.99	0.121
-37.79	2.42	-23.83	-37.87	2.49	-23.82	0.104
1.13	9.60	-16.67	1.10	9.54	-16.62	0.083
14.44	2.79	-26.59	14.49	2.78	-26.56	0.060
-38.06	-20.44	-37.64	-38.07	-20.41	-37.63	0.036
-2.45	-8.71	28.69	-2.45	-8.69	28.68	0.018
22.57	0.64	-32.17	22.61	0.62	-32.21	0.051
-3.64	0.15	42.65	-3.60	0.15	42.65	0.041
-14.80	4.65	-43.61	-14.76	4.69	-43.66	0.078

8.45	-8.28	47.01	8.46	-8.32	47.01	0.044
8.48	-15.99	-16.37	8.46	-16.12	-16.45	0.157
28.76	19.77	-17.19	28.81	19.80	-17.20	0.055
-1.48	27.29	16.87	-1.50	27.35	16.79	0.098
-38.47	-3.97	-35.48	-38.37	-3.98	-35.43	0.108
21.56	-13.55	-22.93	21.63	-13.59	-23.00	0.108
29.88	-8.14	1.06	29.95	-8.21	1.07	0.101
12.23	-6.71	53.34	12.11	-6.57	53.32	0.181
-19.57	-29.37	-40.73	-19.56	-29.35	-40.72	0.028
30.95	-6.43	5.40	30.97	-6.46	5.41	0.038
-9.26	6.40	-37.81	-9.24	6.41	-37.83	0.028
13.39	-5.00	53.83	13.42	-5.01	53.83	0.029
29.92	12.36	15.02	29.96	12.36	15.04	0.053
32.72	11.46	-20.54	32.71	11.46	-20.54	0.010
36.87	2.80	-6.80	36.76	2.79	-6.78	0.115
-39.11	-13.07	-11.56	-39.26	-13.10	-11.48	0.171
26.06	-16.11	-13.82	26.07	-16.15	-13.82	0.037
6.20	-9.99	57.84	6.19	-9.79	57.86	0.202
0.30	-11.99	10.41	0.30	-12.07	10.43	0.079
0.50	25.71	13.20	0.53	25.67	13.23	0.057
-9.59	-13.54	-0.53	-9.58	-13.53	-0.53	0.015
33.94	-4.19	1.22	34.00	-4.26	1.21	0.091
-4.27	13.98	30.86	-4.35	13.94	30.88	0.096
8.13	-17.53	-4.70	8.16	-17.69	-4.68	0.159
-4.40	-4.39	31.88	-4.54	-4.47	31.97	0.186
-3.17	2.65	-28.27	-3.20	2.63	-28.25	0.035
-7.71	28.32	21.70	-7.77	28.35	21.60	0.115
-24.73	-16.03	-5.60	-24.73	-16.03	-5.61	0.003
-13.89	-9.28	1.03	-13.99	-9.34	1.12	0.142
2.33	14.78	-4.54	2.28	14.85	-4.58	0.090
-4.76	1.98	33.41	-4.82	2.00	33.42	0.064
-2.17	7.51	-20.47	-2.18	7.48	-20.43	0.046
22.89	-16.76	-10.69	22.88	-16.80	-10.68	0.040
27.11	17.93	16.33	27.07	17.89	16.31	0.054
35.92	5.32	5.90	35.87	5.31	5.87	0.063
23.81	-16.61	-18.38	23.83	-16.65	-18.41	0.055
35.09	-3.94	-2.20	35.05	-3.89	-2.20	0.074
-9.09	-7.30	12.78	-9.08	-7.30	12.78	0.012
-15.72	-33.66	-18.02	-15.79	-33.56	-18.07	0.139
22.64	25.80	2.32	22.57	25.71	2.31	0.111
-0.13	-14.81	-30.28	-0.16	-14.85	-30.28	0.048
10.81	29.15	17.82	10.82	29.18	17.82	0.028
1.52	29.38	17.88	1.51	29.42	17.85	0.047
-24.16	10.00	-35.87	-24.22	10.13	-35.93	0.157
5.16	-10.67	19.71	5.15	-10.49	19.69	0.181
22.75	20.88	-24.38	22.74	20.87	-24.36	0.021
23.28	0.12	-31.03	23.25	0.14	-31.02	0.044
34.60	8.94	-12.48	34.59	8.94	-12.47	0.010
-4.44	-3.27	53.87	-4.45	-3.27	53.87	0.014
3.14	20.04	2.69	3.19	19.99	2.72	0.076
-23.61	-31.95	-35.77	-23.60	-31.90	-35.75	0.054
25.69	2.18	18.50	25.77	2.15	18.55	0.098
-26.97	-29.30	-38.23	-26.99	-29.34	-38.26	0.052
37.33	2.58	-2.65	37.38	2.59	-2.66	0.052

-28.00	-12.48	-47.43	-28.00	-12.48	-47.45	0.016
15.85	-4.79	35.15	15.91	-4.84	35.16	0.072
-3.66	-1.80	35.48	-3.70	-1.80	35.50	0.045
11.55	-7.45	-25.21	11.55	-7.45	-25.21	0.002
-13.73	-34.05	-22.16	-13.73	-34.03	-22.16	0.018
2.98	-13.28	-21.00	2.95	-13.17	-20.92	0.134
11.69	-10.17	9.94	11.70	-10.18	9.94	0.016
-29.98	-0.12	-12.92	-29.98	-0.12	-12.92	0.006
7.03	21.91	-3.84	7.14	21.88	-3.80	0.122
14.78	-0.59	59.25	14.81	-0.61	59.28	0.044
-9.44	-29.25	-40.43	-9.47	-29.18	-40.36	0.100
24.59	-13.18	-19.69	24.64	-13.27	-19.75	0.122
-8.09	8.59	9.68	-8.03	8.56	9.68	0.067
-5.99	32.26	24.81	-5.87	32.05	24.90	0.262
-42.07	-19.23	-27.31	-42.04	-19.22	-27.31	0.031
13.34	-9.79	-25.44	13.34	-9.80	-25.44	0.006
-15.01	4.31	-44.09	-14.99	4.33	-44.12	0.046
-37.50	0.92	-31.95	-37.59	1.03	-32.01	0.154
-5.14	25.14	19.04	-5.23	25.11	18.94	0.138
-2.10	-14.77	1.87	-2.09	-14.68	1.86	0.095
22.85	8.83	34.58	22.70	8.86	34.56	0.148
-23.77	-29.06	-40.45	-23.77	-28.98	-40.41	0.081
30.14	-8.07	-16.63	30.24	-8.10	-16.65	0.106
8.07	25.71	-1.39	8.15	25.65	-1.36	0.105
15.92	-6.07	-28.78	15.92	-6.07	-28.78	0.001