



## Ground Loop Design Borehole Design Project Report - 4/3/2015

<b>Project Name:</b> Geothermal Design	
<b>Designer Name:</b> Designer	
<b>Date:</b> 4/3/2015	<b>Project Start Date:</b> 4/3/2015
<b>Client Name:</b> Test Design	
<b>Address Line 1:</b>	
<b>Address Line 2:</b>	
<b>City:</b> Metropolis	<b>Phone:</b>
<b>State:</b> CA	<b>Fax:</b>
<b>Zip:</b> 12345	<b>Email:</b>

### Calculation Results

Design Method:	<i>Hourly</i>	COOLING	HEATING
Total Length (ft):		12600.0	12600.0
Borehole Number:		42	42
Borehole Length (ft):		300.0	300.0
Ground Temperature Change (°F):		N/A	N/A
Peak Unit Inlet (°F):		69.7	30.0
Peak Unit Outlet (°F):		78.2	24.2
Total Unit Capacity (kBtu/Hr):		344.7	378.8
Peak Load (kBtu/Hr):		344.7	378.8
Peak Demand (kW):		19.7	31.3
Heat Pump EER/COP:		17.4	3.5
Seasonal Heat Pump EER/COP:		18.3	3.8
Avg. Annual Power (kWh):		3.59E+4	3.71E+4
System Flow Rate (gpm):		86.2	94.7

### Input Parameters

Fluid		Soil	
Flow Rate	3.0 gpm/ton	Ground Temperature:	43.8 °F
Fluid:	24.1413995673348% Propylene Glycol	Thermal Conductivity:	0.58 Btu/(h*ft*°F)
Specific Heat (Cp):	0.96 Btu/(°F*lbm)	Thermal Diffusivity:	0.38 ft^2/day
Density (rho):	64.0 lb/ft^3		
Piping			
Pipe Type:	1 1/4 in. (32 mm)		
Flow Type:	Turbulent - SDR11		
Pipe Resistance:	0.105 h*ft*°F/Btu		
U-Tube Configuration:	Single		
Radial Pipe Placement:	Average		
Borehole Diameter:	5.00 in		
Grout Thermal Conductivity:	0.85 Btu/(h*ft*°F)		
Borehole Thermal Resistance:	0.236 h*ft*°F/Btu		

### Input Parameters (Cont.)

Pattern		Modeling Time Period	
Vertical Grid Arrangement:	6 x 7	Prediction Time:	1 years
Borehole Number:	42	Long Term Soil Temperatures:	
Borehole Separation:	20.0 ft	<i>Cooling:</i>	43.8 °F
Bores Per Circuit	1	<i>Heating:</i>	43.8 °F
Fixed Length Mode	On		
Grid File	None		
File:			
Default Heat Pumps		Optional Hybrid Loads	
Manufacturer:	WaterFurnace	Cooling	Heating
Series:	Envision Com. ND Vert. (Full)	Geo Peak (%)	100% 100%
Design Heat Pump Inlet Load Temperatures:		Geo Total (%)	100% 100%
	<i>Cooling (WB)</i> <i>Heating (DB)</i>	Hybrid Peak (%)	0 % 0 %
Water to Air:	67 °F    70 °F	Hybrid Total (%)	0 % 0 %
Water to Water:	55 °F    100 °F		
Extra kW		Loads File	
Pump Power	0.0 kW	<i>Report Example.zon</i>	
Cooling Tower Pump:	0.0 kW		
Cooling Tower Fan:	0.0 kW		
Additional Power	0.0 kW		
Loads			
Design Day Loads			
<i>Time of Day</i>	<i>Heat Gains (kBtu/Hr)</i>	<i>Heat Losses (kBtu/Hr)</i>	Annual Equivalent Full-Load Hours <i>COOLING</i> 1908 <i>HEATING</i> 1220
8 a.m. - Noon	254.8	378.8	
Noon - 4 p.m.	337.5	237.7	
4 p.m. - 8 p.m.	344.7	212.8	
8 p.m. - 8 a.m.	275.1	345.3	Days Occupied per Week: 7.0
Monthly Loads on Next Page			

	Cooling		Heating	
	Total (kBtu)	Peak (kBtu/hr)	Total (kBtu)	Peak (kBtu/hr)
January	576	34	122743	399
February	2215	81	82873	352
March	13404	123	51188	272
April	24062	138	25205	235
May	73990	260	9659	148
June	119183	337	4090	110
July	161268	345	815	37
August	127950	292	1665	77
September	91947	335	9451	141
October	32529	222	27158	207
November	8355	139	56812	283
December	2269	59	94694	321
<b>Total</b>	<b>657747</b>		<b>486352</b>	
<b>Hours at Peak</b>		<b>3.0</b>		<b>3.0</b>

Monthly Inlet Temperature Results		
	Temp. (°F)	Month
Average Temperature		
Maximum Average Temperature	69.7	4983
Minimum Average Temperature	30.0	247
Peak Temperature		
Maximum Peak Temperature	69.7	4983
Minimum Peak Temperature	38.6	8760

**Key**

**Heat Extraction Rate From (+) or To (-) Borehole**

**Total Pump Power**

Time	Q	Power	TBorehole	Tf	ExWT	EWT	MinEWT	MaxEWT
(J qwt) (Btu/hr-ft)	(kW-hr)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)	(°F)
1	10.88	13.31	43.80	43.80	43.80	43.80	43.80	43.80
2	11.78	14.53	44.09	41.52	40.06	42.99	42.99	42.99
3	11.78	15.58	43.08	40.30	38.71	41.89	41.89	41.89
4	11.78	16.18	42.41	39.46	37.78	41.15	41.15	41.15
5	12.48	16.49	41.88	38.84	37.10	40.57	40.57	40.57
6	12.86	16.54	41.44	38.36	36.61	40.12	40.12	40.12
7	12.86	14.16	41.07	38.00	36.25	39.76	39.76	39.76
8	12.86	12.03	40.73	38.11	36.62	39.60	39.60	39.60
9	13.02	11.36	40.61	38.39	37.12	39.66	39.66	39.66
10	12.99	10.73	40.64	38.55	37.35	39.74	39.74	39.74

11	12.99	9.79	40.65	38.67	37.54	39.80	39.80	39.80
12	12.99	8.92	40.66	38.85	37.81	39.88	39.88	39.88
13	11.08	8.28	40.69	39.04	38.10	39.99	39.99	39.99
14	9.39	7.88	40.75	39.22	38.35	40.10	40.10	40.10
15	9.39	8.11	40.82	39.36	38.53	40.20	40.20	40.20
16	9.39	9.54	40.89	39.39	38.52	40.25	40.25	40.25
17	8.88	9.82	40.94	39.17	38.15	40.18	40.18	40.18
18	8.39	10.36	40.84	39.02	37.98	40.06	40.06	40.06
19	8.39	10.37	40.77	38.85	37.75	39.94	39.94	39.94
20	8.39	11.10	40.66	38.74	37.65	39.84	39.84	39.84
21	7.66	10.60	40.60	38.55	37.38	39.72	39.72	39.72
22	6.99	10.31	40.48	38.52	37.40	39.64	39.64	39.64
23	6.99	10.46	40.42	38.52	37.43	39.60	39.60	39.60
24	6.99	10.83	40.39	38.46	37.36	39.57	39.57	39.57
25	6.49	11.09	40.36	38.36	37.22	39.50	39.50	39.50
26	6.19	10.99	40.29	38.25	37.08	39.41	39.41	39.41
27	6.19	10.85	40.21	38.19	37.04	39.35	39.35	39.35
28	6.19	10.87	40.16	38.16	37.02	39.30	39.30	39.30
29	6.38	10.89	40.12	38.12	36.98	39.26	39.26	39.26
30	7.50	10.91	40.08	38.08	36.93	39.22	39.22	39.22
31	7.50	15.60	40.04	38.03	36.89	39.18	39.18	39.18
32	7.50	15.78	40.09	37.23	35.60	38.87	38.87	38.87
33	7.72	14.43	39.71	36.83	35.18	38.48	38.48	38.48
34	8.13	13.16	39.43	36.81	35.31	38.31	38.31	38.31
35	8.13	11.84	39.33	36.94	35.57	38.30	38.30	38.30
36	8.13	10.40	39.31	37.16	35.93	38.39	38.39	38.39
37	8.13	4.98	39.35	37.46	36.38	38.54	38.54	38.54
38	8.69	1.74	39.35	38.49	37.99	38.98	38.98	38.98
39	8.69	2.68	39.68	40.05	40.26	39.84	39.84	39.84
40	8.69	2.50	40.43	40.97	41.27	40.66	40.66	40.66
41	8.29	2.67	41.02	41.19	41.29	41.09	41.09	41.09
42	8.05	4.41	41.32	41.00	40.82	41.18	41.18	41.18
43	8.05	6.35	41.39	40.56	40.09	41.04	41.04	41.04
44	8.05	7.95	41.29	40.10	39.42	40.78	40.78	40.78
45	8.17	9.66	41.13	39.65	38.80	40.50	40.50	40.50
46	8.46	11.00	40.95	39.15	38.12	40.18	40.18	40.18
47	8.46	11.99	40.72	38.68	37.51	39.85	39.85	39.85
48	8.46	12.77	40.48	38.26	37.00	39.53	39.53	39.53
49	8.65	12.82	40.25	37.90	36.55	39.24	39.24	39.24

50	8.56	12.80	40.02	37.67	36.32	39.01	39.01	39.01
51	8.56	12.90	39.85	37.51	36.17	38.85	38.85	38.85
52	8.56	13.17	39.72	37.36	36.01	38.71	38.71	38.71
53	8.45	13.45	39.61	37.21	35.83	38.58	38.58	38.58
54	8.46	13.54	39.50	37.05	35.65	38.45	38.45	38.45
55	8.46	13.28	39.38	36.92	35.51	38.33	38.33	38.33
56	8.46	12.92	39.27	36.86	35.48	38.24	38.24	38.24
57	8.47	12.65	39.20	36.85	35.51	38.19	38.19	38.19
58	8.48	12.20	39.16	36.86	35.55	38.17	38.17	38.17
59	8.48	11.05	39.12	36.91	35.65	38.17	38.17	38.17
60	8.48	9.73	39.10	37.09	35.95	38.24	38.24	38.24
61	12.12	9.84	39.13	37.37	36.36	38.38	38.38	38.38
62	12.21	10.59	39.26	37.47	36.45	38.49	38.49	38.49
63	12.21	11.15	39.33	37.40	36.30	38.50	38.50	38.50
64	12.21	11.35	39.32	37.29	36.13	38.45	38.45	38.45
65	11.12	11.60	39.27	37.21	36.03	38.39	38.39	38.39
66	10.12	12.29	39.23	37.12	35.92	38.33	38.33	38.33
67	10.12	13.10	39.19	36.96	35.68	38.23	38.23	38.23
68	10.12	13.74	39.12	36.74	35.38	38.10	38.10	38.10
69	9.10	14.20	39.01	36.52	35.10	37.94	37.94	37.94
70	8.00	14.46	38.89	36.32	34.85	37.79	37.79	37.79
71	8.00	14.74	38.77	36.15	34.66	37.65	37.65	37.65
72	8.00	15.17	38.66	36.00	34.48	37.52	37.52	37.52
73	3.66	15.42	38.56	35.83	34.27	37.39	37.39	37.39
74	-1.55	15.69	38.45	35.68	34.09	37.26	37.26	37.26
75	-1.55	15.95	38.34	35.53	33.92	37.14	37.14	37.14
76	-1.55	16.03	38.24	35.39	33.75	37.02	37.02	37.02
77	-2.26	16.23	38.14	35.28	33.64	36.91	36.91	36.91
78	-0.73	21.14	38.06	35.16	33.50	36.81	36.81	36.81
79	-0.73	19.94	38.07	34.30	32.14	36.45	36.45	36.45
80	-0.73	16.30	37.61	34.07	32.05	36.09	36.09	36.09
81	1.35	13.45	37.36	34.47	32.83	36.12	36.12	36.12
82	3.50	10.97	37.41	35.03	33.67	36.39	36.39	36.39
83	3.50	8.96	37.59	35.64	34.53	36.75	36.75	36.75
84	3.50	6.93	37.83	36.23	35.32	37.15	37.15	37.15
85	5.04	5.31	38.10	36.86	36.15	37.57	37.57	37.57
86	6.29	4.31	38.40	37.45	36.90	37.99	37.99	37.99
87	6.29	4.42	38.72	37.94	37.49	38.39	38.39	38.39
88	6.29	4.61	39.03	38.22	37.76	38.68	38.68	38.68

89	7.62	3.90	39.24	38.40	37.92	38.88	38.88	38.88
90	8.65	5.42	39.38	38.66	38.26	39.07	39.07	39.07
91	8.65	6.81	39.59	38.60	38.03	39.16	39.16	39.16
92	8.65	8.47	39.64	38.40	37.68	39.11	39.11	39.11
93	9.39	8.88	39.63	38.07	37.19	38.96	38.96	38.96
94	9.96	8.95	39.51	37.88	36.95	38.81	38.81	38.81
95	9.96	8.73	39.41	37.78	36.84	38.71	38.71	38.71
96	9.96	8.57	39.35	37.76	36.85	38.67	38.67	38.67
97	9.97	8.72	39.33	37.77	36.87	38.66	38.66	38.66
98	9.92	8.87	39.33	37.74	36.83	38.65	38.65	38.65
99	9.92	9.01	39.32	37.70	36.77	38.62	38.62	38.62
100	9.92	8.98	39.30	37.65	36.72	38.59	38.59	38.59
101	9.99	9.05	39.27	37.64	36.70	38.57	38.57	38.57
102	10.18	13.26	39.26	37.61	36.67	38.55	38.55	38.55
103	10.18	11.32	39.33	36.92	35.54	38.30	38.30	38.30
104	10.18	8.69	38.97	36.92	35.74	38.09	38.09	38.09
105	10.38	7.40	38.87	37.30	36.40	38.20	38.20	38.20
106	10.43	6.01	38.99	37.65	36.88	38.41	38.41	38.41
107	10.43	5.02	39.12	38.03	37.40	38.65	38.65	38.65
108	10.43	4.43	39.29	38.38	37.85	38.90	38.90	38.90
109	10.21	3.21	39.48	38.67	38.20	39.13	39.13	39.13
110	9.93	2.44	39.62	39.04	38.71	39.38	39.38	39.38
111	9.93	2.95	39.80	39.59	39.48	39.71	39.71	39.71
112	9.93	2.41	40.10	39.95	39.86	40.03	40.03	40.03
113	9.72	0.54	40.32	40.18	40.09	40.26	40.26	40.26
114	9.36	1.30	40.49	40.45	40.43	40.47	40.47	40.47
115	9.36	2.24	40.70	40.46	40.32	40.59	40.59	40.59
116	9.36	3.68	40.78	40.36	40.12	40.60	40.60	40.60
117	8.48	4.25	40.81	40.13	39.74	40.52	40.52	40.52
118	7.47	4.33	40.75	39.96	39.50	40.41	40.41	40.41
119	7.47	3.59	40.68	39.88	39.42	40.34	40.34	40.34
120	7.47	3.51	40.62	40.02	39.67	40.36	40.36	40.36
121	7.58	3.55	40.66	40.30	40.09	40.50	40.50	40.50
122	8.16	3.60	40.80	40.43	40.21	40.64	40.64	40.64
123	8.16	3.66	40.89	40.46	40.22	40.71	40.71	40.71
124	8.16	4.09	40.95	40.41	40.11	40.72	40.72	40.72
125	8.60	7.51	40.97	40.22	39.79	40.65	40.65	40.65
126	8.74	16.13	40.97	39.57	38.77	40.37	40.37	40.37
127	8.74	16.63	40.86	37.86	36.15	39.58	39.58	39.58

128	8.74	14.39	40.06	36.99	35.24	38.74	38.74	38.74
129	8.93	13.52	39.49	36.86	35.36	38.36	38.36	38.36
130	9.45	12.63	39.28	36.82	35.41	38.22	38.22	38.22
131	9.45	11.55	39.14	36.85	35.54	38.16	38.16	38.16
132	9.45	10.79	39.07	36.97	35.77	38.17	38.17	38.17
133	10.06	10.28	39.06	37.10	35.98	38.22	38.22	38.22
134	10.54	10.07	39.07	37.21	36.14	38.28	38.28	38.28
135	10.54	10.86	39.10	37.27	36.23	38.32	38.32	38.32
136	10.54	10.12	39.14	37.16	36.04	38.29	38.29	38.29
137	10.87	9.09	39.07	37.23	36.18	38.28	38.28	38.28
138	11.06	11.22	39.06	37.41	36.46	38.35	38.35	38.35
139	11.06	12.49	39.17	37.13	35.97	38.30	38.30	38.30
140	11.06	14.14	39.08	36.81	35.51	38.11	38.11	38.11
141	11.25	14.89	38.95	36.38	34.92	37.85	37.85	37.85
142	11.56	15.69	38.73	36.04	34.51	37.58	37.58	37.58
143	11.56	16.26	38.54	35.72	34.10	37.33	37.33	37.33
144	11.56	16.93	38.35	35.43	33.76	37.10	37.10	37.10
145	11.73	17.71	38.18	35.15	33.41	36.88	36.88	36.88
146	11.91	18.34	38.00	34.84	33.03	36.65	36.65	36.65
147	11.91	18.78	37.81	34.55	32.68	36.41	36.41	36.41
148	11.91	19.17	37.62	34.29	32.39	36.20	36.20	36.20
149	12.10	19.51	37.45	34.06	32.12	36.00	36.00	36.00
150	12.14	24.54	37.29	33.84	31.87	35.81	35.81	35.81
151	12.14	23.69	37.23	32.90	30.44	35.37	35.37	35.37
152	12.14	21.10	36.72	32.57	30.20	34.94	34.94	34.94
153	12.27	19.47	36.41	32.74	30.64	34.84	34.84	34.84
154	15.96	17.82	36.36	32.98	31.04	34.91	34.91	34.91
155	15.96	16.94	36.38	33.27	31.50	35.05	35.05	35.05
156	15.96	16.09	36.46	33.51	31.82	35.20	35.20	35.20
157	14.99	15.00	36.54	33.73	32.13	35.34	35.34	35.34
158	12.20	14.40	36.62	34.00	32.50	35.50	35.50	35.50
159	12.20	15.00	36.73	34.21	32.77	35.65	35.65	35.65
160	12.20	13.24	36.86	34.22	32.72	35.73	35.73	35.73
161	10.07	11.41	36.85	34.52	33.19	35.85	35.85	35.85
162	8.24	12.96	36.95	34.94	33.79	36.09	36.09	36.09
163	8.24	13.95	37.20	34.91	33.60	36.21	36.21	36.21
164	8.24	15.50	37.24	34.77	33.36	36.18	36.18	36.18
165	6.76	16.07	37.23	34.48	32.92	36.05	36.05	36.05
166	5.26	16.58	37.11	34.27	32.65	35.89	35.89	35.89

167	5.26	16.88	37.01	34.09	32.42	35.75	35.75	35.75
168	5.26	17.32	36.90	33.93	32.24	35.63	35.63	35.63
169	4.05	17.90	36.82	33.77	32.04	35.51	35.51	35.51
170	3.30	18.34	36.73	33.59	31.79	35.38	35.38	35.38
171	3.30	18.80	36.62	33.41	31.57	35.24	35.24	35.24
172	3.30	19.19	36.51	33.22	31.35	35.10	35.10	35.10
173	3.40	19.37	36.40	33.05	31.14	34.96	34.96	34.96
174	3.56	24.58	36.29	32.91	30.98	34.84	34.84	34.84
175	3.56	23.83	36.29	32.01	29.57	34.45	34.45	34.45
176	3.56	20.58	35.82	31.70	29.34	34.06	34.06	34.06
177	3.02	17.39	35.53	31.99	29.97	34.01	34.01	34.01
178	4.21	14.16	35.52	32.53	30.82	34.24	34.24	34.24
179	4.21	11.84	35.67	33.22	31.83	34.62	34.62	34.62
180	4.21	10.08	35.94	33.89	32.71	35.06	35.06	35.06
181	5.29	8.70	36.24	34.49	33.48	35.49	35.49	35.49
182	6.58	7.56	36.55	35.02	34.15	35.89	35.89	35.89
183	6.58	7.61	36.84	35.51	34.75	36.27	36.27	36.27
184	6.58	6.54	37.14	35.79	35.02	36.56	36.56	36.56
185	6.88	5.36	37.33	36.16	35.50	36.83	36.83	36.83
186	6.92	7.23	37.54	36.58	36.04	37.13	37.13	37.13
187	6.92	8.68	37.84	36.55	35.81	37.29	37.29	37.29
188	6.92	10.49	37.93	36.37	35.48	37.26	37.26	37.26
189	6.75	11.24	37.94	36.06	34.98	37.13	37.13	37.13
190	6.62	12.20	37.83	35.82	34.67	36.97	36.97	36.97
191	6.62	12.42	37.75	35.57	34.32	36.82	36.82	36.82
192	6.62	12.52	37.63	35.42	34.15	36.68	36.68	36.68
193	6.74	13.43	37.55	35.32	34.05	36.59	36.59	36.59
194	6.85	14.21	37.50	35.11	33.75	36.48	36.48	36.48
195	6.85	14.31	37.41	34.89	33.44	36.33	36.33	36.33
196	6.85	14.29	37.29	34.75	33.30	36.20	36.20	36.20
197	6.96	14.59	37.20	34.67	33.22	36.11	36.11	36.11
198	6.93	15.40	37.14	34.56	33.08	36.03	36.03	36.03
199	6.93	20.42	37.08	34.36	32.81	35.91	35.91	35.91
200	6.93	20.12	37.07	33.47	31.41	35.52	35.52	35.52
201	6.98	18.90	36.62	33.09	31.08	35.11	35.11	35.11
202	10.23	18.22	36.35	33.06	31.17	34.94	34.94	34.94
203	10.23	17.65	36.25	33.08	31.26	34.89	34.89	34.89
204	10.23	17.13	36.19	33.12	31.37	34.88	34.88	34.88
205	8.70	13.23	36.17	33.18	31.48	34.89	34.89	34.89



206	6.67	11.45	36.09	33.79	32.47	35.10	35.10	35.10
207	6.67	12.34	36.31	34.31	33.17	35.46	35.46	35.46
208	6.67	13.36	36.59	34.42	33.19	35.66	35.66	35.66
209	5.68	14.69	36.70	34.35	33.01	35.69	35.69	35.69
210	4.63	15.78	36.73	34.14	32.67	35.62	35.62	35.62
211	4.63	16.60	36.66	33.89	32.31	35.48	35.48	35.48
212	4.63	17.31	36.56	33.65	31.99	35.32	35.32	35.32
213	3.88	17.94	36.45	33.42	31.69	35.15	35.15	35.15
214	3.43	18.53	36.33	33.19	31.40	34.98	34.98	34.98
215	3.43	19.10	36.20	32.97	31.13	34.82	34.82	34.82
216	3.43	19.50	36.08	32.76	30.86	34.65	34.65	34.65
217	2.45	20.02	35.95	32.56	30.63	34.50	34.50	34.50
218	0.87	20.54	35.83	32.36	30.38	34.34	34.34	34.34
219	0.87	21.56	35.70	32.15	30.13	34.18	34.18	34.18
220	0.87	23.29	35.59	31.87	29.74	33.99	33.99	33.99
221	0.63	24.78	35.44	31.44	29.15	33.73	33.73	33.73
222	0.63	25.97	35.23	30.98	28.55	33.41	33.41	33.41
223	0.63	26.95	34.98	30.54	28.01	33.08	33.08	33.08
224	0.63	27.69	34.72	30.14	27.53	32.76	32.76	32.76
225	0.15	28.00	34.47	29.79	27.11	32.46	32.46	32.46
226	1.02	27.90	34.23	29.51	26.82	32.21	32.21	32.21
227	1.02	27.86	34.02	29.34	26.66	32.01	32.01	32.01
228	1.02	27.89	33.86	29.20	26.53	31.86	31.86	31.86
229	1.77	27.03	33.73	29.07	26.41	31.73	31.73	31.73
230	2.90	26.08	33.59	29.09	26.51	31.66	31.66	31.66
231	2.90	25.74	33.52	29.18	26.70	31.66	31.66	31.66
232	2.90	25.68	33.52	29.23	26.78	31.68	31.68	31.68
233	3.36	26.29	33.51	29.23	26.78	31.67	31.67	31.67
234	3.41	26.86	33.49	29.11	26.61	31.61	31.61	31.61
235	3.41	27.03	33.43	28.96	26.40	31.51	31.51	31.51
236	3.41	27.16	33.33	28.84	26.27	31.40	31.40	31.40
237	2.57	27.27	33.24	28.73	26.16	31.31	31.31	31.31
238	1.54	27.69	33.16	28.64	26.06	31.22	31.22	31.22
239	1.54	28.12	33.09	28.51	25.89	31.12	31.12	31.12
240	1.54	28.23	33.00	28.35	25.70	31.01	31.01	31.01
241	1.57	28.30	32.90	28.24	25.58	30.90	30.90	30.90
242	1.80	28.20	32.81	28.15	25.48	30.81	30.81	30.81
243	1.80	28.02	32.72	28.08	25.43	30.74	30.74	30.74
244	1.80	28.00	32.66	28.05	25.42	30.68	30.68	30.68

245	2.27	28.05	32.61	28.01	25.38	30.64	30.64	30.64
246	3.19	32.77	32.56	27.96	25.33	30.59	30.59	30.59
247	3.19	31.25	32.60	27.22	24.15	30.29	30.29	30.29
248	3.19	26.95	32.20	27.10	24.19	30.02	30.02	30.02
249	5.94	24.21	32.00	27.62	25.12	30.12	30.12	30.12
250	12.71	22.04	32.13	28.19	25.93	30.44	30.44	30.44
251	12.71	19.51	32.34	28.73	26.67	30.79	30.79	30.79
252	12.71	17.89	32.56	29.35	27.52	31.18	31.18	31.18
253	12.98	16.96	32.85	29.89	28.20	31.58	31.58	31.58
254	11.12	16.67	33.14	30.32	28.71	31.93	31.93	31.93
255	11.12	17.21	33.40	30.61	29.02	32.21	32.21	32.21
256	11.12	14.80	33.61	30.72	29.07	32.37	32.37	32.37
257	10.41	13.07	33.68	31.19	29.77	32.61	32.61	32.61
258	9.70	15.02	33.91	31.70	30.44	32.96	32.96	32.96
259	9.70	16.02	34.24	31.69	30.24	33.15	33.15	33.15
260	9.70	17.69	34.33	31.61	30.05	33.16	33.16	33.16
261	8.87	18.35	34.37	31.37	29.65	33.08	33.08	33.08
262	8.28	18.74	34.31	31.19	29.41	32.97	32.97	32.97
263	8.28	19.05	34.24	31.07	29.25	32.88	32.88	32.88
264	8.28	19.31	34.19	30.97	29.12	32.81	32.81	32.81
265	7.90	19.55	34.15	30.88	29.01	32.75	32.75	32.75
266	7.75	19.71	34.10	30.80	28.91	32.69	32.69	32.69
267	7.75	19.76	34.06	30.73	28.83	32.63	32.63	32.63
268	7.75	19.94	34.02	30.69	28.78	32.59	32.59	32.59
269	8.35	20.12	33.99	30.63	28.71	32.55	32.55	32.55
270	7.78	24.64	33.96	30.57	28.63	32.51	32.51	32.51
271	7.78	22.86	34.01	29.86	27.49	32.23	32.23	32.23
272	7.78	19.99	33.64	29.81	27.61	32.00	32.00	32.00
273	6.99	18.75	33.51	30.17	28.26	32.08	32.08	32.08
274	8.64	17.57	33.62	30.47	28.68	32.27	32.27	32.27
275	8.64	16.54	33.73	30.78	29.09	32.47	32.47	32.47
276	8.64	15.47	33.86	31.08	29.48	32.67	32.67	32.67
277	9.61	14.64	34.00	31.39	29.90	32.88	32.88	32.88
278	10.85	13.73	34.16	31.68	30.27	33.10	33.10	33.10
279	10.85	13.85	34.32	31.99	30.65	33.32	33.32	33.32
280	10.85	12.32	34.50	32.14	30.79	33.49	33.49	33.49
281	11.39	11.04	34.59	32.49	31.29	33.69	33.69	33.69
282	11.96	13.23	34.77	32.88	31.80	33.96	33.96	33.96
283	11.96	14.33	35.04	32.76	31.46	34.06	34.06	34.06

284	11.96	16.26	35.06	32.60	31.19	34.01	34.01	34.01
285	12.36	17.31	35.06	32.27	30.67	33.86	33.86	33.86
286	12.83	18.27	34.95	31.98	30.28	33.67	33.67	33.67
287	12.83	19.03	34.83	31.70	29.91	33.49	33.49	33.49
288	12.83	19.54	34.70	31.45	29.59	33.30	33.30	33.30
289	13.38	19.85	34.57	31.24	29.33	33.14	33.14	33.14
290	13.82	20.42	34.44	31.07	29.14	33.00	33.00	33.00
291	13.82	21.17	34.35	30.88	28.90	32.86	32.86	32.86
292	13.82	21.57	34.24	30.66	28.61	32.71	32.71	32.71
293	14.12	21.96	34.12	30.47	28.39	32.55	32.55	32.55
294	14.36	27.31	34.00	30.30	28.18	32.41	32.41	32.41
295	14.36	26.48	33.99	29.39	26.77	32.02	32.02	32.02
296	14.36	23.82	33.52	29.09	26.56	31.62	31.62	31.62
297	14.59	22.18	33.25	29.28	27.02	31.55	31.55	31.55
298	18.30	20.78	33.23	29.54	27.44	31.65	31.65	31.65
299	18.30	19.61	33.28	29.82	27.85	31.80	31.80	31.80
300	18.30	18.27	33.37	30.10	28.23	31.97	31.97	31.97
301	17.57	17.21	33.48	30.42	28.67	32.17	32.17	32.17
302	15.56	16.68	33.61	30.73	29.08	32.38	32.38	32.38
303	15.56	16.91	33.77	30.96	29.36	32.57	32.57	32.57
304	15.56	14.42	33.91	31.06	29.43	32.69	32.69	32.69
305	14.34	12.76	33.94	31.50	30.11	32.90	32.90	32.90
306	13.14	14.95	34.14	31.98	30.74	33.21	33.21	33.21
307	13.14	16.03	34.44	31.90	30.44	33.35	33.35	33.35
308	13.14	17.91	34.48	31.75	30.19	33.31	33.31	33.31
309	12.51	18.81	34.49	31.44	29.69	33.18	33.18	33.18
310	11.90	19.24	34.38	31.18	29.35	33.00	33.00	33.00
311	11.90	19.73	34.26	30.99	29.13	32.86	32.86	32.86
312	11.90	20.31	34.17	30.82	28.91	32.73	32.73	32.73
313	11.12	20.99	34.08	30.64	28.68	32.61	32.61	32.61
314	10.70	21.50	33.99	30.44	28.42	32.47	32.47	32.47
315	10.70	21.72	33.88	30.25	28.19	32.32	32.32	32.32
316	10.70	22.25	33.76	30.11	28.03	32.20	32.20	32.20
317	11.16	22.78	33.68	29.94	27.81	32.08	32.08	32.08
318	9.86	27.80	33.58	29.76	27.58	31.94	31.94	31.94
319	9.86	26.42	33.56	28.91	26.25	31.57	31.57	31.57
320	9.86	21.96	33.11	28.71	26.20	31.22	31.22	31.22
321	8.51	17.67	32.86	29.22	27.14	31.30	31.30	31.30
322	9.70	13.53	32.94	30.01	28.34	31.68	31.68	31.68

323	9.70	9.92	33.21	30.95	29.66	32.24	32.24	32.24
324	9.70	7.07	33.60	31.93	30.98	32.88	32.88	32.88
325	10.46	4.59	34.06	32.87	32.18	33.55	33.55	33.55
326	11.61	2.92	34.55	33.76	33.31	34.21	34.21	34.21
327	11.61	3.22	35.04	34.54	34.25	34.83	34.83	34.83
328	11.61	2.54	35.53	35.02	34.73	35.31	35.31	35.31
329	12.02	1.55	35.88	35.46	35.22	35.70	35.70	35.70
330	12.37	3.86	36.19	35.92	35.76	36.07	36.07	36.07
331	12.37	6.08	36.56	35.88	35.49	36.27	36.27	36.27
332	12.37	8.55	36.70	35.62	35.00	36.23	36.23	36.23
333	12.58	9.60	36.71	35.20	34.33	36.06	36.06	36.06
334	12.88	9.44	36.59	34.89	33.92	35.86	35.86	35.86
335	12.88	10.11	36.46	34.79	33.84	35.74	35.74	35.74
336	12.88	11.08	36.43	34.65	33.63	35.66	35.66	35.66
337	13.30	12.06	36.38	34.43	33.32	35.55	35.55	35.55
338	13.60	13.23	36.30	34.18	32.98	35.39	35.39	35.39
339	13.60	13.54	36.20	33.89	32.56	35.21	35.21	35.21
340	13.60	14.09	36.06	33.69	32.34	35.04	35.04	35.04
341	13.92	14.63	35.95	33.49	32.09	34.90	34.90	34.90
342	14.18	19.83	35.85	33.30	31.84	34.75	34.75	34.75
343	14.18	18.77	35.83	32.39	30.42	34.36	34.36	34.36
344	14.18	15.17	35.37	32.12	30.27	33.98	33.98	33.98
345	14.29	12.40	35.10	32.49	31.00	33.98	33.98	33.98
346	18.10	9.91	35.15	33.02	31.80	34.24	34.24	34.24
347	18.10	7.71	35.32	33.61	32.63	34.59	34.59	34.59
348	18.10	5.67	35.56	34.22	33.46	34.99	34.99	34.99
349	17.46	4.06	35.84	34.86	34.29	35.42	35.42	35.42
350	15.00	2.92	36.16	35.45	35.05	35.86	35.86	35.86
351	15.00	3.14	36.49	35.98	35.68	36.27	36.27	36.27
352	15.00	2.93	36.82	36.27	35.95	36.58	36.58	36.58
353	12.67	1.95	37.04	36.52	36.22	36.82	36.82	36.82
354	10.34	3.78	37.22	36.87	36.67	37.07	37.07	37.07
355	10.34	5.59	37.49	36.81	36.43	37.20	37.20	37.20
356	10.34	8.16	37.58	36.58	36.00	37.15	37.15	37.15
357	8.69	10.59	37.57	36.11	35.28	36.95	36.95	36.95
358	7.44	12.75	37.44	35.55	34.47	36.63	36.63	36.63
359	7.44	14.67	37.22	34.95	33.66	36.25	36.25	36.25
360	7.44	16.60	36.96	34.36	32.88	35.85	35.85	35.85
361	6.46	18.32	36.68	33.75	32.08	35.43	35.43	35.43

362	5.64	19.49	36.37	33.16	31.32	34.99	34.99	34.99
363	5.64	19.90	36.04	32.65	30.71	34.59	34.59	34.59
364	5.64	20.72	35.73	32.28	30.31	34.25	34.25	34.25
365	5.71	22.03	35.49	31.92	29.87	33.96	33.96	33.96
366	4.92	23.06	35.27	31.48	29.32	33.64	33.64	33.64
367	4.92	28.59	35.01	31.06	28.80	33.32	33.32	33.32
368	4.92	29.76	34.84	29.97	27.18	32.75	32.75	32.75
369	4.05	29.37	34.28	29.24	26.37	32.12	32.12	32.12
370	5.48	28.84	33.81	28.89	26.07	31.70	31.70	31.70
371	5.48	28.25	33.50	28.69	25.95	31.44	31.44	31.44
372	5.48	27.17	33.28	28.59	25.91	31.27	31.27	31.27
373	6.60	22.26	33.12	28.62	26.05	31.19	31.19	31.19
374	7.97	20.29	32.95	29.27	27.17	31.38	31.38	31.38
375	7.97	20.34	33.16	29.79	27.87	31.71	31.71	31.71
376	7.97	20.63	33.38	29.99	28.06	31.93	31.93	31.93
377	8.52	21.50	33.50	30.05	28.08	32.02	32.02	32.02
378	9.24	22.32	33.55	29.96	27.90	32.01	32.01	32.01
379	9.24	23.04	33.53	29.80	27.66	31.93	31.93	31.93
380	9.24	23.71	33.47	29.62	27.41	31.82	31.82	31.82
381	9.38	23.96	33.38	29.42	27.16	31.68	31.68	31.68
382	9.44	24.18	33.27	29.28	27.00	31.56	31.56	31.56
383	9.44	24.53	33.17	29.15	26.86	31.45	31.45	31.45
384	9.44	24.86	33.09	29.02	26.69	31.35	31.35	31.35
385	10.12	24.99	33.00	28.88	26.53	31.24	31.24	31.24
386	10.69	25.11	32.91	28.77	26.41	31.13	31.13	31.13
387	10.69	25.21	32.82	28.67	26.30	31.05	31.05	31.05
388	10.69	25.33	32.75	28.59	26.21	30.96	30.96	30.96
389	10.74	25.43	32.68	28.50	26.12	30.89	30.89	30.89
390	10.71	25.50	32.61	28.42	26.03	30.81	30.81	30.81
391	10.71	25.38	32.54	28.35	25.95	30.75	30.75	30.75
392	10.71	24.97	32.48	28.31	25.93	30.69	30.69	30.69
393	10.92	23.92	32.43	28.32	25.98	30.67	30.67	30.67
394	11.52	22.24	32.39	28.46	26.22	30.70	30.70	30.70
395	11.52	20.26	32.40	28.74	26.66	30.83	30.83	30.83
396	11.52	18.04	32.48	29.15	27.24	31.05	31.05	31.05
397	15.25	16.17	32.63	29.65	27.95	31.35	31.35	31.35
398	14.95	14.90	32.85	30.17	28.64	31.70	31.70	31.70
399	14.95	14.13	33.11	30.62	29.20	32.04	32.04	32.04
400	14.95	13.89	33.36	30.99	29.64	32.34	32.34	32.34

401	13.97	14.18	33.58	31.25	29.91	32.58	32.58	32.58
402	13.44	15.21	33.77	31.38	30.01	32.75	32.75	32.75
403	13.44	16.07	33.91	31.34	29.87	32.81	32.81	32.81
404	13.44	16.54	33.96	31.24	29.68	32.79	32.79	32.79
405	13.01	17.34	33.95	31.15	29.55	32.75	32.75	32.75
406	12.62	17.78	33.94	31.01	29.34	32.69	32.69	32.69
407	12.62	18.05	33.90	30.89	29.18	32.61	32.61	32.61
408	12.62	18.49	33.85	30.81	29.06	32.55	32.55	32.55
409	9.75	19.29	33.81	30.70	28.92	32.48	32.48	32.48
410	8.46	19.93	33.77	30.52	28.67	32.38	32.38	32.38
411	8.46	19.86	33.70	30.34	28.43	32.26	32.26	32.26
412	8.46	19.72	33.60	30.26	28.36	32.17	32.17	32.17
413	9.16	19.93	33.54	30.23	28.34	32.12	32.12	32.12
414	9.94	19.96	33.50	30.16	28.26	32.07	32.07	32.07
415	9.94	17.36	33.46	30.12	28.21	32.03	32.03	32.03
416	9.94	14.55	33.38	30.47	28.81	32.13	32.13	32.13
417	10.94	12.53	33.47	31.03	29.64	32.42	32.42	32.42
418	11.74	10.63	33.70	31.59	30.38	32.79	32.79	32.79
419	11.74	8.91	33.95	32.15	31.13	33.18	33.18	33.18
420	11.74	6.88	34.24	32.72	31.86	33.59	33.59	33.59
421	12.33	5.15	34.53	33.35	32.68	34.02	34.02	34.02
422	12.83	4.40	34.86	33.98	33.47	34.48	34.48	34.48
423	12.83	4.46	35.23	34.47	34.03	34.90	34.90	34.90
424	12.83	6.33	35.56	34.78	34.33	35.22	35.22	35.22
425	13.27	7.83	35.84	34.73	34.10	35.36	35.36	35.36
426	13.67	10.15	35.94	34.56	33.78	35.35	35.35	35.35
427	13.67	11.22	35.97	34.19	33.18	35.21	35.21	35.21
428	13.67	13.22	35.86	33.90	32.78	35.02	35.02	35.02
429	14.06	14.26	35.78	33.47	32.16	34.79	34.79	34.79
430	14.32	14.68	35.60	33.12	31.71	34.54	34.54	34.54
431	14.32	15.06	35.43	32.88	31.43	34.34	34.34	34.34
432	14.32	15.21	35.29	32.69	31.21	34.18	34.18	34.18
433	14.68	15.13	35.18	32.56	31.06	34.06	34.06	34.06
434	15.03	14.98	35.09	32.48	30.99	33.97	33.97	33.97
435	15.03	15.00	35.02	32.45	30.98	33.92	33.92	33.92
436	15.03	15.05	34.99	32.41	30.94	33.88	33.88	33.88
437	15.74	15.03	34.95	32.37	30.89	33.85	33.85	33.85
438	16.96	19.66	34.92	32.34	30.87	33.81	33.81	33.81
439	16.96	17.84	34.99	31.61	29.69	33.54	33.54	33.54

440	16.96	14.98	34.61	31.56	29.82	33.30	33.30	33.30
441	17.98	13.57	34.48	31.93	30.47	33.38	33.38	33.38
442	18.76	11.26	34.58	32.26	30.94	33.59	33.59	33.59
443	18.76	8.19	34.68	32.76	31.66	33.86	33.86	33.86
444	18.76	5.74	34.87	33.46	32.66	34.26	34.26	34.26
445	19.38	4.44	35.18	34.18	33.62	34.75	34.75	34.75
446	19.83	4.48	35.55	34.77	34.33	35.22	35.22	35.22
447	19.83	6.51	35.90	35.12	34.67	35.57	35.57	35.57
448	19.83	7.17	36.19	35.05	34.40	35.70	35.70	35.70
449	19.97	5.89	36.26	35.00	34.28	35.72	35.72	35.72
450	19.83	7.26	36.27	35.23	34.64	35.82	35.82	35.82
451	19.83	8.07	36.44	35.16	34.43	35.89	35.89	35.89
452	19.83	9.54	36.47	35.05	34.23	35.86	35.86	35.86
453	19.75	10.09	36.48	34.80	33.84	35.76	35.76	35.76
454	19.72	10.49	36.39	34.62	33.60	35.63	35.63	35.63
455	19.72	10.81	36.32	34.48	33.43	35.53	35.53	35.53
456	19.72	11.24	36.26	34.36	33.28	35.45	35.45	35.45
457	19.08	11.66	36.21	34.24	33.11	35.36	35.36	35.36
458	18.39	11.88	36.15	34.11	32.94	35.27	35.27	35.27
459	18.39	12.07	36.08	34.01	32.82	35.19	35.19	35.19
460	18.39	12.21	36.03	33.92	32.71	35.12	35.12	35.12
461	18.15	12.11	35.98	33.85	32.63	35.06	35.06	35.06
462	18.11	16.78	35.93	33.82	32.61	35.02	35.02	35.02
463	18.11	15.00	36.00	33.07	31.40	34.74	34.74	34.74
464	18.11	11.86	35.61	33.01	31.52	34.49	34.49	34.49
465	18.54	10.52	35.47	33.41	32.24	34.59	34.59	34.59
466	18.93	9.11	35.59	33.77	32.72	34.81	34.81	34.81
467	18.93	7.79	35.72	34.14	33.23	35.04	35.04	35.04
468	18.93	6.56	35.88	34.52	33.75	35.30	35.30	35.30
469	19.02	5.40	36.07	34.92	34.26	35.58	35.58	35.58
470	19.08	4.72	36.27	35.32	34.78	35.86	35.86	35.86
471	19.08	5.45	36.49	35.71	35.26	36.15	36.15	36.15
472	19.08	4.93	36.74	35.78	35.23	36.33	36.33	36.33
473	19.13	3.34	36.83	35.96	35.46	36.46	36.46	36.46
474	19.40	4.50	36.93	36.34	36.00	36.68	36.68	36.68
475	19.40	5.46	37.17	36.37	35.92	36.83	36.83	36.83
476	19.40	7.21	37.27	36.29	35.74	36.85	36.85	36.85
477	19.67	8.10	37.31	36.03	35.29	36.76	36.76	36.76
478	19.72	9.23	37.24	35.79	34.97	36.62	36.62	36.62

479	19.72	10.62	37.16	35.52	34.58	36.46	36.46	36.46
480	19.72	11.67	37.06	35.18	34.10	36.25	36.25	36.25
481	19.74	12.35	36.91	34.85	33.67	36.03	36.03	36.03
482	19.64	12.81	36.75	34.57	33.32	35.81	35.81	35.81
483	19.64	13.05	36.60	34.34	33.05	35.63	35.63	35.63
484	19.64	13.25	36.46	34.16	32.85	35.47	35.47	35.47
485	19.50	13.40	36.34	34.02	32.69	35.35	35.35	35.35
486	19.47	18.38	36.25	33.90	32.56	35.24	35.24	35.24
487	19.47	17.15	36.26	33.04	31.21	34.88	34.88	34.88
488	19.47	14.61	35.81	32.83	31.12	34.53	34.53	34.53
489	19.49	13.76	35.59	33.06	31.61	34.50	34.50	34.50
490	22.75	13.05	35.61	33.23	31.87	34.59	34.59	34.59
491	22.75	12.46	35.65	33.39	32.09	34.68	34.68	34.68
492	22.75	11.84	35.70	33.53	32.30	34.77	34.77	34.77
493	21.60	11.17	35.75	33.69	32.52	34.87	34.87	34.87
494	18.55	10.73	35.81	33.87	32.76	34.98	34.98	34.98
495	18.55	11.35	35.89	34.02	32.96	35.09	35.09	35.09
496	18.55	9.70	35.99	34.01	32.88	35.14	35.14	35.14
497	16.69	7.41	35.97	34.28	33.31	35.24	35.24	35.24
498	15.27	8.62	36.06	34.76	34.02	35.50	35.50	35.50
499	15.27	9.26	36.32	34.81	33.95	35.67	35.67	35.67
500	15.27	10.64	36.40	34.78	33.85	35.71	35.71	35.71
501	13.58	11.12	36.45	34.58	33.51	35.65	35.65	35.65
502	12.53	11.45	36.39	34.43	33.32	35.55	35.55	35.55
503	12.53	11.72	36.33	34.32	33.17	35.47	35.47	35.47
504	12.53	11.98	36.28	34.22	33.05	35.40	35.40	35.40
505	11.95	11.34	36.23	34.13	32.94	35.33	35.33	35.33
506	11.80	10.65	36.17	34.18	33.05	35.32	35.32	35.32
507	11.80	10.49	36.16	34.30	33.24	35.37	35.37	35.37
508	11.80	10.06	36.21	34.37	33.32	35.42	35.42	35.42
509	12.23	9.55	36.24	34.48	33.47	35.48	35.48	35.48
510	10.54	14.26	36.29	34.61	33.65	35.57	35.57	35.57
511	10.54	13.06	36.45	33.95	32.52	35.38	35.38	35.38
512	10.54	10.20	36.14	33.85	32.55	35.16	35.16	35.16
513	9.34	8.23	36.01	34.23	33.21	35.25	35.25	35.25
514	10.79	6.29	36.12	34.68	33.86	35.50	35.50	35.50
515	10.79	4.73	36.29	35.21	34.59	35.83	35.83	35.83
516	10.79	3.61	36.49	36.01	35.74	36.29	36.29	36.29
517	11.54	2.75	36.83	37.04	37.16	36.92	36.92	36.92



518	12.74	2.53	37.36	37.71	37.92	37.51	37.51	37.51
519	12.74	2.93	37.77	38.24	38.51	37.97	37.97	37.97
520	12.74	2.32	38.15	38.50	38.69	38.30	38.30	38.30
521	13.20	2.32	38.43	38.32	38.26	38.38	38.38	38.38
522	13.46	5.18	38.48	38.06	37.82	38.30	38.30	38.30
523	13.46	7.64	38.48	37.54	37.01	38.08	38.08	38.08
524	13.46	10.19	38.33	36.95	36.16	37.74	37.74	37.74
525	13.66	11.84	38.11	36.27	35.22	37.32	37.32	37.32
526	13.84	13.31	37.81	35.68	34.47	36.90	36.90	36.90
527	13.84	14.53	37.52	35.14	33.78	36.50	36.50	36.50
528	13.84	15.67	37.22	34.64	33.17	36.12	36.12	36.12
529	13.99	16.60	36.95	34.18	32.60	35.76	35.76	35.76
530	14.10	17.32	36.68	33.75	32.09	35.42	35.42	35.42
531	14.10	18.01	36.42	33.38	31.65	35.12	35.12	35.12
532	14.10	18.62	36.18	33.04	31.24	34.83	34.83	34.83
533	14.12	19.03	35.96	32.72	30.87	34.57	34.57	34.57
534	14.25	19.45	35.75	32.45	30.56	34.33	34.33	34.33
535	14.25	24.58	35.56	32.20	30.28	34.12	34.12	34.12
536	14.25	24.51	35.47	31.24	28.82	33.66	33.66	33.66
537	14.36	22.41	34.96	30.77	28.37	33.17	33.17	33.17
538	17.59	20.35	34.60	30.79	28.61	32.97	32.97	32.97
539	17.59	18.84	34.46	31.01	29.04	32.98	32.98	32.98
540	17.59	17.26	34.46	31.26	29.44	33.09	33.09	33.09
541	16.25	12.36	34.50	31.57	29.90	33.25	33.25	33.25
542	14.16	9.68	34.53	32.42	31.22	33.62	33.62	33.62
543	14.16	9.92	34.86	33.20	32.25	34.15	34.15	34.15
544	14.16	10.46	35.26	33.55	32.57	34.53	34.53	34.53
545	13.30	11.59	35.50	33.69	32.65	34.72	34.72	34.72
546	12.50	12.84	35.65	33.63	32.48	34.79	34.79	34.79
547	12.50	13.57	35.70	33.46	32.19	34.74	34.74	34.74
548	12.50	14.41	35.66	33.30	31.96	34.65	34.65	34.65
549	11.80	15.04	35.61	33.11	31.68	34.54	34.54	34.54
550	11.07	15.62	35.53	32.93	31.44	34.42	34.42	34.42
551	11.07	16.41	35.45	32.75	31.20	34.29	34.29	34.29
552	11.07	16.81	35.36	32.53	30.91	34.15	34.15	34.15
553	10.50	16.92	35.25	32.35	30.69	34.01	34.01	34.01
554	9.88	17.43	35.14	32.23	30.57	33.89	33.89	33.89
555	9.88	18.11	35.06	32.07	30.36	33.78	33.78	33.78
556	9.88	18.55	34.97	31.87	30.09	33.64	33.64	33.64

557	10.00	18.91	34.86	31.69	29.87	33.50	33.50	33.50
558	8.91	19.44	34.75	31.52	29.67	33.36	33.36	33.36
559	8.91	19.71	34.65	31.33	29.44	33.23	33.23	33.23
560	8.91	18.65	34.53	31.18	29.26	33.09	33.09	33.09
561	8.01	16.94	34.40	31.23	29.42	33.04	33.04	33.04
562	9.63	15.03	34.35	31.48	29.83	33.12	33.12	33.12
563	9.63	13.16	34.40	31.85	30.39	33.31	33.31	33.31
564	9.63	11.36	34.53	32.29	31.01	33.57	33.57	33.57
565	10.44	9.97	34.71	32.77	31.66	33.88	33.88	33.88
566	11.85	9.32	34.94	33.22	32.25	34.20	34.20	34.20
567	11.85	9.01	35.18	33.57	32.65	34.49	34.49	34.49
568	11.85	8.92	35.39	33.83	32.94	34.72	34.72	34.72
569	12.58	9.44	35.56	34.02	33.13	34.90	34.90	34.90
570	13.25	10.70	35.71	34.07	33.13	35.01	35.01	35.01
571	13.25	11.77	35.81	33.95	32.88	35.01	35.01	35.01
572	13.25	12.12	35.81	33.76	32.59	34.94	34.94	34.94
573	13.76	12.26	35.76	33.65	32.44	34.85	34.85	34.85
574	14.10	12.34	35.71	33.58	32.36	34.80	34.80	34.80
575	14.10	12.73	35.68	33.54	32.31	34.76	34.76	34.76
576	14.10	12.99	35.67	33.46	32.19	34.72	34.72	34.72
577	14.29	13.24	35.64	33.38	32.09	34.67	34.67	34.67
578	14.67	13.46	35.60	33.31	31.99	34.62	34.62	34.62
579	14.67	12.98	35.56	33.23	31.90	34.56	34.56	34.56
580	14.67	13.25	35.51	33.26	31.98	34.55	34.55	34.55
581	15.18	13.95	35.52	33.23	31.92	34.54	34.54	34.54
582	15.43	18.58	35.52	33.10	31.72	34.48	34.48	34.48
583	15.43	17.03	35.55	32.33	30.49	34.17	34.17	34.17
584	15.43	13.61	35.15	32.22	30.54	33.89	33.89	33.89
585	15.68	11.41	34.98	32.64	31.31	33.98	33.98	33.98
586	19.46	9.68	35.09	33.12	32.00	34.25	34.25	34.25
587	19.46	8.25	35.27	33.60	32.64	34.55	34.55	34.55
588	19.46	6.92	35.48	34.05	33.24	34.87	34.87	34.87
589	18.77	5.80	35.71	34.50	33.81	35.19	35.19	35.19
590	16.79	5.23	35.94	34.93	34.35	35.51	35.51	35.51
591	16.79	6.02	36.19	35.27	34.74	35.79	35.79	35.79
592	16.79	5.48	36.43	35.37	34.76	35.97	35.97	35.97
593	15.61	3.69	36.53	35.56	35.01	36.11	36.11	36.11
594	14.65	5.25	36.63	35.98	35.61	36.35	36.35	36.35
595	14.65	6.86	36.90	35.97	35.44	36.51	36.51	36.51

596	14.65	8.58	37.00	35.78	35.08	36.47	36.47	36.47
597	13.86	9.53	36.99	35.46	34.59	36.34	36.34	36.34
598	12.94	10.67	36.89	35.20	34.23	36.16	36.16	36.16
599	12.94	11.63	36.79	34.90	33.82	35.98	35.98	35.98
600	12.94	11.81	36.66	34.61	33.44	35.78	35.78	35.78
601	12.23	12.44	36.51	34.43	33.25	35.62	35.62	35.62
602	11.88	13.56	36.42	34.23	32.98	35.48	35.48	35.48
603	11.88	14.49	36.32	33.94	32.58	35.30	35.30	35.30
604	11.88	15.40	36.18	33.64	32.19	35.09	35.09	35.09
605	12.07	16.05	36.02	33.34	31.80	34.87	34.87	34.87
606	10.32	21.12	35.85	33.06	31.47	34.66	34.66	34.66
607	10.32	19.84	35.78	32.12	30.02	34.21	34.21	34.21
608	10.32	15.98	35.28	31.86	29.90	33.81	33.81	33.81
609	9.16	12.77	34.99	32.25	30.68	33.82	33.82	33.82
610	10.78	9.60	35.03	32.84	31.58	34.09	34.09	34.09
611	10.78	7.11	35.20	33.55	32.60	34.49	34.49	34.49
612	10.78	5.42	35.49	34.26	33.55	34.96	34.96	34.96
613	11.57	4.06	35.82	34.88	34.34	35.42	35.42	35.42
614	12.92	2.79	36.15	35.43	35.03	35.84	35.84	35.84
615	12.92	2.84	36.45	35.96	35.68	36.24	36.24	36.24
616	12.92	2.30	36.78	36.32	36.06	36.58	36.58	36.58
617	13.55	1.02	37.02	36.66	36.45	36.86	36.86	36.86
618	13.82	2.05	37.23	37.05	36.95	37.15	37.15	37.15
619	13.82	3.19	37.51	37.14	36.94	37.35	37.35	37.35
620	13.82	5.35	37.66	37.09	36.76	37.41	37.41	37.41
621	14.15	6.49	37.74	36.78	36.23	37.33	37.33	37.33
622	14.54	7.13	37.67	36.50	35.84	37.17	37.17	37.17
623	14.54	7.70	37.58	36.30	35.57	37.03	37.03	37.03
624	14.54	8.20	37.49	36.12	35.33	36.90	36.90	36.90
625	15.00	8.47	37.41	35.95	35.11	36.79	36.79	36.79
626	15.33	8.68	37.33	35.82	34.96	36.69	36.69	36.69
627	15.33	8.86	37.27	35.72	34.84	36.61	36.61	36.61
628	15.33	9.01	37.21	35.64	34.73	36.54	36.54	36.54
629	15.46	9.14	37.16	35.56	34.65	36.48	36.48	36.48
630	15.81	13.99	37.12	35.50	34.57	36.42	36.42	36.42
631	15.81	12.69	37.18	34.69	33.28	36.11	36.11	36.11
632	15.81	9.42	36.77	34.53	33.25	35.81	35.81	35.81
633	16.16	6.85	36.58	34.92	33.97	35.87	35.87	35.87
634	19.68	4.24	36.66	35.45	34.76	36.14	36.14	36.14

635	19.68	2.63	36.84	36.09	35.66	36.52	36.52	36.52
636	19.68	2.16	37.12	36.68	36.42	36.93	36.93	36.93
637	18.60	2.07	37.42	37.22	37.11	37.33	37.33	37.33
638	15.39	2.04	37.71	37.72	37.74	37.71	37.71	37.71
639	15.39	2.58	38.00	38.17	38.27	38.07	38.07	38.07
640	15.39	2.49	38.29	38.46	38.56	38.36	38.36	38.36
641	12.40	1.10	38.49	38.73	38.87	38.60	38.60	38.60
642	9.55	0.97	38.67	39.12	39.37	38.86	38.86	38.86
643	9.55	0.77	38.94	39.25	39.43	39.07	39.07	39.07
644	9.55	2.50	39.11	39.10	39.10	39.11	39.11	39.11
645	7.06	4.44	39.16	38.70	38.44	38.96	38.96	38.96
646	5.07	6.05	39.06	38.25	37.79	38.71	38.71	38.71
647	5.07	7.12	38.90	37.79	37.16	38.42	38.42	38.42
648	5.07	8.09	38.70	37.40	36.66	38.14	38.14	38.14
649	3.32	9.13	38.51	37.05	36.21	37.88	37.88	37.88
650	2.13	10.15	38.33	36.68	35.74	37.62	37.62	37.62
651	2.13	10.99	38.14	36.31	35.27	37.36	37.36	37.36
652	2.13	11.94	37.94	35.97	34.84	37.10	37.10	37.10
653	2.17	12.70	37.75	35.62	34.40	36.84	36.84	36.84
654	1.79	18.13	37.55	35.29	33.99	36.58	36.58	36.58
655	1.79	17.36	37.45	34.23	32.39	36.07	36.07	36.07
656	1.79	13.69	36.90	33.83	32.07	35.58	35.58	35.58
657	1.15	10.40	36.53	34.13	32.75	35.50	35.50	35.50
658	2.89	6.94	36.50	34.68	33.64	35.72	35.72	35.72
659	2.89	4.38	36.64	35.42	34.72	36.11	36.11	36.11
660	2.89	2.47	36.92	36.14	35.70	36.58	36.58	36.58
661	4.56	1.67	37.24	36.80	36.55	37.06	37.06	37.06
662	6.41	1.65	37.59	37.33	37.19	37.48	37.48	37.48
663	6.41	2.27	37.89	37.78	37.72	37.84	37.84	37.84
664	6.41	2.17	38.17	38.10	38.06	38.14	38.14	38.14
665	7.18	0.57	38.39	38.34	38.30	38.37	38.37	38.37
666	7.05	1.05	38.56	38.60	38.63	38.58	38.58	38.58
667	7.05	1.99	38.78	38.59	38.48	38.70	38.70	38.70
668	7.05	3.39	38.85	38.49	38.28	38.70	38.70	38.70
669	7.53	4.23	38.89	38.27	37.91	38.62	38.62	38.62
670	8.25	4.34	38.83	38.06	37.62	38.50	38.50	38.50
671	8.25	4.48	38.75	37.96	37.51	38.41	38.41	38.41
672	8.25	4.58	38.71	37.90	37.43	38.36	38.36	38.36
673	8.96	4.63	38.68	37.85	37.37	38.32	38.32	38.32

674	9.82	4.96	38.66	37.82	37.34	38.30	38.30	38.30
675	9.82	5.28	38.65	37.75	37.24	38.27	38.27	38.27
676	9.82	5.43	38.63	37.67	37.12	38.22	38.22	38.22
677	10.02	5.75	38.59	37.61	37.04	38.17	38.17	38.17
678	10.41	10.79	38.57	37.53	36.93	38.12	38.12	38.12
679	10.41	9.59	38.63	36.67	35.56	37.79	37.79	37.79
680	10.41	7.06	38.21	36.48	35.49	37.47	37.47	37.47
681	10.78	6.18	38.01	36.74	36.02	37.47	37.47	37.47
682	14.59	5.47	38.07	36.96	36.32	37.59	37.59	37.59
683	14.59	4.94	38.14	37.15	36.59	37.71	37.71	37.71
684	14.59	4.37	38.22	37.33	36.82	37.84	37.84	37.84
685	13.73	3.71	38.30	37.51	37.06	37.96	37.96	37.96
686	11.04	3.16	38.38	37.71	37.33	38.09	38.09	38.09
687	11.04	3.25	38.49	37.91	37.59	38.24	38.24	38.24
688	11.04	2.50	38.61	38.02	37.68	38.35	38.35	38.35
689	9.03	0.87	38.67	38.22	37.97	38.48	38.48	38.48
690	7.24	1.31	38.74	38.67	38.63	38.71	38.71	38.71
691	7.24	1.75	38.97	38.97	38.97	38.97	38.97	38.97
692	7.24	2.73	39.16	39.16	39.16	39.16	39.16	39.16
693	5.66	3.21	39.32	39.14	39.03	39.24	39.24	39.24
694	4.18	3.62	39.37	39.09	38.93	39.25	39.25	39.25
695	4.18	4.06	39.36	39.27	39.21	39.32	39.32	39.32
696	4.18	4.45	39.46	39.38	39.34	39.43	39.43	39.43
697	3.01	4.76	39.58	39.19	38.97	39.41	39.41	39.41
698	2.18	5.03	39.55	38.93	38.58	39.29	39.29	39.29
699	2.18	5.86	39.46	38.70	38.27	39.14	39.14	39.14
700	2.18	7.35	39.39	38.33	37.73	38.93	38.93	38.93
701	2.35	8.42	39.24	37.89	37.13	38.66	38.66	38.66
702	2.20	9.38	39.04	37.50	36.62	38.38	38.38	38.38
703	2.20	14.89	38.83	37.13	36.15	38.10	38.10	38.10
704	2.20	15.76	38.73	36.03	34.49	37.57	37.57	37.57
705	1.48	15.10	38.19	35.35	33.73	36.97	36.97	36.97
706	2.86	14.50	37.76	35.07	33.53	36.61	36.61	36.61
707	2.86	14.09	37.51	34.93	33.46	36.41	36.41	36.41
708	2.86	13.82	37.35	34.85	33.42	36.28	36.28	36.28
709	4.24	10.25	37.23	34.78	33.38	36.18	36.18	36.18
710	6.19	8.43	37.07	35.26	34.22	36.29	36.29	36.29
711	6.19	9.33	37.20	35.71	34.85	36.56	36.56	36.56
712	6.19	10.05	37.42	35.76	34.81	36.70	36.70	36.70

713	8.01	10.67	37.47	35.68	34.66	36.70	36.70	36.70
714	9.60	11.04	37.45	35.55	34.47	36.64	36.64	36.64
715	9.60	11.47	37.40	35.44	34.31	36.56	36.56	36.56
716	9.60	12.03	37.34	35.30	34.14	36.47	36.47	36.47
717	11.00	12.75	37.28	35.14	33.92	36.36	36.36	36.36
718	12.39	13.30	37.19	34.93	33.64	36.23	36.23	36.23
719	12.39	13.83	37.08	34.73	33.38	36.08	36.08	36.08
720	12.39	14.52	36.97	34.53	33.13	35.92	35.92	35.92
721	13.60	14.70	36.86	34.30	32.83	35.76	35.76	35.76
722	14.38	14.83	36.72	34.13	32.65	35.61	35.61	35.61
723	14.38	15.27	36.60	34.00	32.51	35.48	35.48	35.48
724	14.38	15.72	36.51	33.83	32.30	35.36	35.36	35.36
725	14.61	16.17	36.40	33.65	32.08	35.22	35.22	35.22
726	15.14	16.63	36.29	33.46	31.85	35.08	35.08	35.08
727	15.14	16.88	36.17	33.27	31.62	34.93	34.93	34.93
728	15.14	16.81	36.05	33.11	31.43	34.79	34.79	34.79
729	16.04	16.33	35.93	33.01	31.34	34.68	34.68	34.68
730	16.72	15.26	35.83	33.00	31.38	34.62	34.62	34.62
731	16.72	14.09	35.77	33.12	31.61	34.63	34.63	34.63
732	16.72	13.42	35.77	33.32	31.93	34.72	34.72	34.72
733	20.63	12.67	35.83	33.50	32.17	34.83	34.83	34.83
734	21.31	11.82	35.89	33.69	32.43	34.95	34.95	34.95
735	21.31	11.33	35.97	33.91	32.73	35.08	35.08	35.08
736	21.31	11.26	36.06	34.09	32.96	35.22	35.22	35.22
737	20.84	11.76	36.16	34.19	33.07	35.32	35.32	35.32
738	20.35	12.80	36.24	34.18	33.01	35.36	35.36	35.36
739	20.35	13.60	36.27	34.03	32.75	35.31	35.31	35.31
740	20.35	14.18	36.23	33.85	32.49	35.21	35.21	35.21
741	19.86	14.54	36.16	33.68	32.26	35.09	35.09	35.09
742	19.05	14.40	36.07	33.53	32.08	34.98	34.98	34.98
743	19.05	14.31	35.98	33.47	32.04	34.91	34.91	34.91
744	19.05	14.04	35.93	33.44	32.01	34.86	34.86	34.86
745	15.59	13.65	35.89	33.45	32.05	34.84	34.84	34.84
746	14.25	13.36	35.87	33.49	32.14	34.85	34.85	34.85
747	14.25	13.18	35.87	33.55	32.22	34.87	34.87	34.87
748	14.25	13.23	35.88	33.59	32.28	34.90	34.90	34.90
749	14.35	13.46	35.90	33.60	32.28	34.91	34.91	34.91
750	14.60	18.49	35.91	33.56	32.23	34.90	34.90	34.90
751	14.60	17.26	35.99	32.77	30.93	34.61	34.61	34.61

752	14.60	14.73	35.60	32.60	30.89	34.32	34.32	34.32
753	15.24	13.72	35.42	32.88	31.42	34.33	34.33	34.33
754	15.82	12.64	35.48	33.11	31.75	34.46	34.46	34.46
755	15.82	11.69	35.54	33.36	32.11	34.61	34.61	34.61
756	15.82	10.91	35.64	33.61	32.46	34.77	34.77	34.77
757	16.31	10.30	35.76	33.86	32.78	34.94	34.94	34.94
758	16.75	9.83	35.88	34.08	33.06	35.11	35.11	35.11
759	16.75	10.32	36.00	34.28	33.30	35.26	35.26	35.26
760	16.75	8.82	36.13	34.32	33.29	35.35	35.35	35.35
761	16.90	6.49	36.15	34.60	33.72	35.48	35.48	35.48
762	17.02	7.61	36.25	35.11	34.46	35.76	35.76	35.76
763	17.02	8.37	36.54	35.20	34.43	35.96	35.96	35.96
764	17.02	9.88	36.65	35.17	34.32	36.01	36.01	36.01
765	17.24	10.55	36.70	34.96	33.96	35.96	35.96	35.96
766	17.45	11.13	36.65	34.79	33.72	35.85	35.85	35.85
767	17.45	11.66	36.59	34.63	33.51	35.75	35.75	35.75
768	17.45	12.05	36.53	34.47	33.30	35.65	35.65	35.65
769	17.52	12.27	36.45	34.34	33.13	35.55	35.55	35.55
770	17.57	12.46	36.38	34.23	33.00	35.46	35.46	35.46
771	17.57	12.61	36.32	34.14	32.89	35.38	35.38	35.38
772	17.57	12.74	36.26	34.06	32.79	35.32	35.32	35.32
773	17.62	12.85	36.21	33.98	32.71	35.26	35.26	35.26
774	17.68	17.78	36.17	33.92	32.64	35.21	35.21	35.21
775	17.68	16.51	36.22	33.12	31.34	34.89	34.89	34.89
776	17.68	13.89	35.82	32.94	31.30	34.58	34.58	34.58
777	17.73	13.04	35.62	33.22	31.84	34.59	34.59	34.59
778	17.76	12.51	35.68	33.42	32.13	34.71	34.71	34.71
779	17.76	12.20	35.75	33.57	32.33	34.81	34.81	34.81
780	17.76	12.23	35.81	33.69	32.48	34.90	34.90	34.90
781	17.66	12.56	35.86	33.74	32.52	34.95	34.95	34.95
782	17.36	13.03	35.90	33.71	32.46	34.96	34.96	34.96
783	17.36	14.43	35.91	33.64	32.34	34.93	34.93	34.93
784	17.36	13.40	35.90	33.39	31.95	34.82	34.82	34.82
785	16.63	12.08	35.76	33.43	32.10	34.76	34.76	34.76
786	15.47	14.08	35.74	33.64	32.44	34.84	34.84	34.84
787	15.47	15.03	35.86	33.41	32.01	34.81	34.81	34.81
788	15.47	16.76	35.78	33.17	31.67	34.66	34.66	34.66
789	14.12	17.62	35.69	32.78	31.12	34.44	34.44	34.44
790	12.61	18.40	35.51	32.46	30.72	34.20	34.20	34.20

791	12.61	19.12	35.34	32.16	30.35	33.98	33.98	33.98
792	12.61	19.72	35.17	31.88	30.00	33.76	33.76	33.76
793	11.35	20.11	35.00	31.62	29.69	33.55	33.55	33.55
794	10.51	20.47	34.84	31.40	29.43	33.36	33.36	33.36
795	10.51	21.11	34.69	31.20	29.20	33.19	33.19	33.19
796	10.51	22.05	34.56	30.96	28.91	33.02	33.02	33.02
797	10.02	23.02	34.42	30.67	28.53	32.81	32.81	32.81
798	9.89	28.34	34.25	30.35	28.13	32.58	32.58	32.58
799	9.89	27.02	34.15	29.37	26.64	32.10	32.10	32.10
800	9.89	23.83	33.61	29.08	26.50	31.67	31.67	31.67
801	10.13	21.54	33.31	29.34	27.08	31.61	31.61	31.61
802	10.89	18.85	33.30	29.71	27.66	31.76	31.76	31.76
803	10.89	16.35	33.36	30.22	28.42	32.01	32.01	32.01
804	10.89	14.57	33.53	30.79	29.23	32.35	32.35	32.35
805	11.52	13.49	33.76	31.32	29.92	32.71	32.71	32.71
806	11.85	12.56	34.02	31.74	30.44	33.04	33.04	33.04
807	11.85	12.95	34.24	32.11	30.89	33.33	33.33	33.33
808	11.85	11.54	34.47	32.27	31.00	33.53	33.53	33.53
809	12.42	9.51	34.57	32.60	31.47	33.73	33.73	33.73
810	12.72	11.26	34.73	33.10	32.17	34.03	34.03	34.03
811	12.72	12.52	35.04	33.10	32.00	34.21	34.21	34.21
812	12.72	14.53	35.13	32.97	31.74	34.20	34.20	34.20
813	12.90	15.59	35.15	32.65	31.22	34.08	34.08	34.08
814	13.20	16.65	35.05	32.36	30.83	33.90	33.90	33.90
815	13.20	17.65	34.94	32.08	30.44	33.71	33.71	33.71
816	13.20	18.38	34.81	31.79	30.06	33.52	33.52	33.52
817	13.76	18.87	34.67	31.53	29.73	33.32	33.32	33.32
818	14.20	19.30	34.52	31.31	29.47	33.15	33.15	33.15
819	14.20	19.76	34.40	31.11	29.24	32.99	32.99	32.99
820	14.20	20.31	34.28	30.92	29.01	32.84	32.84	32.84
821	14.12	20.85	34.16	30.72	28.76	32.69	32.69	32.69
822	14.01	25.69	34.04	30.52	28.51	32.53	32.53	32.53
823	14.01	23.63	34.00	29.67	27.20	32.15	32.15	32.15
824	14.01	19.50	33.53	29.57	27.31	31.84	31.84	31.84
825	14.14	16.83	33.33	30.07	28.21	31.93	31.93	31.93
826	14.16	14.29	33.44	30.63	29.02	32.23	32.23	32.23
827	14.16	12.08	33.63	31.23	29.86	32.60	32.60	32.60
828	14.16	10.30	33.88	31.84	30.68	33.01	33.01	33.01
829	12.30	8.84	34.17	32.42	31.42	33.42	33.42	33.42



830	10.33	7.48	34.47	32.96	32.09	33.82	33.82	33.82
831	10.33	7.67	34.76	33.47	32.74	34.21	34.21	34.21
832	10.33	7.09	35.08	33.75	33.00	34.51	34.51	34.51
833	8.93	5.36	35.27	34.05	33.35	34.75	34.75	34.75
834	7.61	6.73	35.45	34.52	33.99	35.05	35.05	35.05
835	7.61	8.49	35.76	34.59	33.91	35.26	35.26	35.26
836	7.61	10.99	35.91	34.42	33.57	35.27	35.27	35.27
837	6.42	11.90	35.94	34.02	32.92	35.12	35.12	35.12
838	4.98	11.93	35.81	33.73	32.55	34.92	34.92	34.92
839	4.98	11.81	35.68	33.61	32.42	34.79	34.79	34.79
840	4.98	11.92	35.62	33.56	32.39	34.74	34.74	34.74
841	3.75	12.33	35.59	33.52	32.33	34.70	34.70	34.70
842	3.23	12.74	35.57	33.43	32.21	34.65	34.65	34.65
843	3.23	13.11	35.53	33.32	32.06	34.59	34.59	34.59
844	3.23	13.40	35.49	33.22	31.92	34.51	34.51	34.51
845	3.29	13.68	35.43	33.11	31.79	34.44	34.44	34.44
846	4.68	18.47	35.38	33.02	31.66	34.37	34.37	34.37
847	4.68	16.75	35.42	32.23	30.40	34.05	34.05	34.05
848	4.68	13.63	35.01	32.13	30.48	33.78	33.78	33.78
849	5.81	12.00	34.85	32.51	31.18	33.85	33.85	33.85
850	7.52	10.46	34.95	32.89	31.71	34.06	34.06	34.06
851	7.52	9.05	35.08	33.28	32.25	34.31	34.31	34.31
852	7.52	8.15	35.25	33.69	32.79	34.58	34.58	34.58
853	8.31	7.91	35.45	34.04	33.23	34.85	34.85	34.85
854	9.76	7.89	35.65	34.27	33.49	35.06	35.06	35.06
855	9.76	8.53	35.81	34.43	33.65	35.22	35.22	35.22
856	9.76	6.93	35.94	34.45	33.60	35.30	35.30	35.30
857	10.50	4.28	35.96	34.75	34.06	35.44	35.44	35.44
858	10.77	4.85	36.07	35.32	34.89	35.75	35.75	35.75
859	10.77	5.27	36.39	35.53	35.05	36.02	36.02	36.02
860	10.77	6.46	36.56	35.63	35.09	36.16	36.16	36.16
861	11.01	6.78	36.68	35.54	34.89	36.19	36.19	36.19
862	11.10	6.98	36.70	35.50	34.81	36.18	36.18	36.18
863	11.10	7.11	36.71	35.48	34.77	36.18	36.18	36.18
864	11.10	7.14	36.73	35.47	34.75	36.19	36.19	36.19
865	11.02	7.09	36.74	35.48	34.76	36.20	36.20	36.20
866	10.90	7.01	36.76	35.51	34.79	36.22	36.22	36.22
867	10.90	6.99	36.79	35.54	34.84	36.25	36.25	36.25
868	10.90	7.08	36.82	35.58	34.87	36.29	36.29	36.29

869	10.91	7.16	36.85	35.60	34.88	36.31	36.31	36.31
870	10.94	7.30	36.87	35.61	34.88	36.33	36.33	36.33
871	10.94	12.32	36.89	35.60	34.86	36.34	36.34	36.34
872	10.94	12.66	37.01	34.82	33.57	36.07	36.07	36.07
873	10.93	12.58	36.67	34.43	33.15	35.71	35.71	35.71
874	14.28	14.07	36.45	34.24	32.98	35.50	35.50	35.50
875	14.28	15.93	36.35	33.88	32.47	35.29	35.29	35.29
876	14.28	17.03	36.18	33.39	31.80	34.98	34.98	34.98
877	12.92	13.60	35.93	32.96	31.27	34.66	34.66	34.66
878	10.81	12.04	35.61	33.24	31.90	34.59	34.59	34.59
879	10.81	13.05	35.63	33.55	32.35	34.74	34.74	34.74
880	10.81	13.72	35.76	33.50	32.20	34.79	34.79	34.79
881	9.80	14.28	35.75	33.37	32.00	34.73	34.73	34.73
882	8.16	14.83	35.69	33.21	31.79	34.63	34.63	34.63
883	8.16	15.28	35.62	33.04	31.57	34.51	34.51	34.51
884	8.16	15.65	35.53	32.88	31.37	34.39	34.39	34.39
885	5.95	16.20	35.43	32.72	31.18	34.27	34.27	34.27
886	4.20	16.88	35.34	32.55	30.95	34.14	34.14	34.14
887	4.20	17.56	35.24	32.33	30.67	33.99	33.99	33.99
888	4.20	18.24	35.12	32.10	30.38	33.83	33.83	33.83
889	3.26	18.92	35.00	31.87	30.08	33.65	33.65	33.65
890	3.32	19.60	34.86	31.62	29.77	33.47	33.47	33.47
891	3.32	20.24	34.72	31.37	29.46	33.28	33.28	33.28
892	3.32	20.92	34.57	31.12	29.15	33.09	33.09	33.09
893	4.84	21.58	34.41	30.86	28.83	32.89	32.89	32.89
894	5.34	21.80	34.26	30.60	28.51	32.69	32.69	32.69
895	5.34	21.41	34.09	30.41	28.30	32.51	32.51	32.51
896	5.34	20.27	33.94	30.33	28.27	32.39	32.39	32.39
897	4.39	18.88	33.82	30.41	28.47	32.36	32.36	32.36
898	5.41	17.47	33.79	30.62	28.80	32.43	32.43	32.43
899	5.41	16.16	33.83	30.89	29.21	32.57	32.57	32.57
900	5.41	14.95	33.91	31.19	29.63	32.75	32.75	32.75
901	6.02	13.88	34.03	31.50	30.06	32.95	32.95	32.95
902	7.12	12.88	34.17	31.81	30.47	33.16	33.16	33.16
903	7.12	12.36	34.32	32.13	30.88	33.38	33.38	33.38
904	7.12	12.36	34.48	32.37	31.17	33.58	33.58	33.58
905	7.52	12.61	34.63	32.52	31.31	33.73	33.73	33.73
906	7.80	13.56	34.74	32.58	31.35	33.82	33.82	33.82
907	7.80	14.65	34.82	32.50	31.17	33.83	33.83	33.83

908	7.80	15.65	34.83	32.32	30.88	33.76	33.76	33.76
909	8.03	16.36	34.78	32.10	30.57	33.63	33.63	33.63
910	8.34	16.76	34.70	31.90	30.30	33.50	33.50	33.50
911	8.34	17.10	34.60	31.74	30.10	33.37	33.37	33.37
912	8.34	17.58	34.51	31.60	29.93	33.26	33.26	33.26
913	8.65	18.20	34.43	31.44	29.73	33.15	33.15	33.15
914	8.80	18.81	34.35	31.26	29.49	33.03	33.03	33.03
915	8.80	19.10	34.26	31.06	29.24	32.89	32.89	32.89
916	8.80	19.12	34.14	30.91	29.06	32.75	32.75	32.75
917	8.93	19.10	34.04	30.81	28.96	32.65	32.65	32.65
918	9.02	23.42	33.96	30.73	28.89	32.58	32.58	32.58
919	9.02	20.92	33.98	30.03	27.77	32.29	32.29	32.29
920	9.02	16.51	33.58	30.07	28.06	32.08	32.08	32.08
921	8.95	13.49	33.45	30.69	29.11	32.27	32.27	32.27
922	12.39	10.58	33.64	31.37	30.08	32.66	32.66	32.66
923	12.39	7.97	33.90	32.11	31.09	33.13	33.13	33.13
924	12.39	5.88	34.23	32.87	32.10	33.64	33.64	33.64
925	11.03	4.23	34.60	33.59	33.02	34.17	34.17	34.17
926	8.70	2.75	34.98	34.26	33.84	34.67	34.67	34.67
927	8.70	3.02	35.36	34.89	34.63	35.16	35.16	35.16
928	8.70	3.08	35.76	35.25	34.96	35.54	35.54	35.54
929	7.72	1.93	36.04	35.50	35.19	35.80	35.80	35.80
930	6.71	3.46	36.22	35.88	35.69	36.08	36.08	36.08
931	6.71	5.80	36.52	35.91	35.56	36.25	36.25	36.25
932	6.71	9.23	36.66	35.63	35.05	36.22	36.22	36.22
933	5.75	11.29	36.67	35.04	34.10	35.97	35.97	35.97
934	4.86	12.65	36.48	34.49	33.35	35.62	35.62	35.62
935	4.86	13.91	36.25	34.02	32.75	35.29	35.29	35.29
936	4.86	14.71	36.03	33.60	32.21	34.99	34.99	34.99
937	4.01	15.08	35.81	33.25	31.78	34.71	34.71	34.71
938	3.30	15.35	35.61	32.99	31.50	34.49	34.49	34.49
939	3.30	15.56	35.45	32.79	31.27	34.31	34.31	34.31
940	3.30	15.74	35.31	32.62	31.09	34.16	34.16	34.16
941	4.08	15.89	35.19	32.48	30.93	34.03	34.03	34.03
942	3.70	20.89	35.09	32.36	30.79	33.92	33.92	33.92
943	3.70	19.66	35.10	31.51	29.46	33.56	33.56	33.56
944	3.70	17.10	34.65	31.29	29.37	33.21	33.21	33.21
945	2.51	15.57	34.43	31.52	29.85	33.18	33.18	33.18
946	3.39	13.54	34.43	31.78	30.27	33.30	33.30	33.30

947	3.39	11.56	34.48	32.18	30.86	33.50	33.50	33.50
948	3.39	9.47	34.62	32.64	31.51	33.77	33.77	33.77
949	4.12	7.33	34.80	33.18	32.25	34.10	34.10	34.10
950	5.45	5.37	35.04	33.77	33.05	34.49	34.49	34.49
951	5.45	5.12	35.32	34.39	33.86	34.92	34.92	34.92
952	5.45	4.12	35.66	34.77	34.26	35.28	35.28	35.28
953	6.12	2.01	35.90	35.18	34.77	35.59	35.59	35.59
954	6.96	2.71	36.12	35.77	35.57	35.97	35.97	35.97
955	6.96	3.53	36.48	36.00	35.73	36.27	36.27	36.27
956	6.96	5.16	36.69	36.07	35.71	36.43	36.43	36.43
957	7.99	6.08	36.83	35.92	35.39	36.44	36.44	36.44
958	8.75	6.95	36.85	35.77	35.15	36.38	36.38	36.38
959	8.75	7.76	36.83	35.60	34.89	36.30	36.30	36.30
960	8.75	8.47	36.79	35.42	34.63	36.20	36.20	36.20
961	9.24	9.08	36.73	35.23	34.38	36.09	36.09	36.09
962	9.55	9.67	36.66	35.06	34.14	35.98	35.98	35.98
963	9.55	10.13	36.59	34.88	33.91	35.86	35.86	35.86
964	9.55	10.41	36.51	34.72	33.70	35.74	35.74	35.74
965	9.71	10.66	36.43	34.59	33.55	35.64	35.64	35.64
966	9.84	15.62	36.35	34.48	33.41	35.55	35.55	35.55
967	9.84	14.26	36.39	33.65	32.08	35.21	35.21	35.21
968	9.84	11.56	35.96	33.47	32.04	34.89	34.89	34.89
969	9.93	10.43	35.76	33.75	32.60	34.90	34.90	34.90
970	13.61	9.46	35.82	34.01	32.97	35.04	35.04	35.04
971	13.61	8.64	35.90	34.25	33.31	35.19	35.19	35.19
972	13.61	8.07	36.00	34.49	33.63	35.35	35.35	35.35
973	12.64	7.71	36.11	34.70	33.89	35.51	35.51	35.51
974	10.72	7.46	36.22	34.87	34.10	35.64	35.64	35.64
975	10.72	8.43	36.32	35.01	34.26	35.76	35.76	35.76
976	10.72	7.90	36.43	34.95	34.10	35.80	35.80	35.80
977	10.09	6.36	36.42	35.03	34.24	35.83	35.83	35.83
978	9.58	7.96	36.44	35.32	34.68	35.96	35.96	35.96
979	9.58	9.16	36.63	35.22	34.42	36.02	36.02	36.02
980	9.58	11.08	36.63	35.02	34.09	35.94	35.94	35.94
981	9.15	12.07	36.59	34.64	33.52	35.76	35.76	35.76
982	8.71	12.87	36.44	34.32	33.10	35.53	35.53	35.53
983	8.71	13.59	36.29	34.03	32.74	35.32	35.32	35.32
984	8.71	14.17	36.14	33.76	32.41	35.12	35.12	35.12
985	8.23	14.55	36.00	33.52	32.11	34.94	34.94	34.94

986	7.91	14.89	35.85	33.32	31.87	34.77	34.77	34.77
987	7.91	15.21	35.73	33.14	31.66	34.62	34.62	34.62
988	7.91	15.52	35.61	32.97	31.46	34.48	34.48	34.48
989	8.39	15.80	35.50	32.81	31.28	34.35	34.35	34.35
990	7.17	20.85	35.40	32.67	31.11	34.23	34.23	34.23
991	7.17	19.62	35.39	31.79	29.74	33.85	33.85	33.85
992	7.17	17.08	34.93	31.56	29.64	33.49	33.49	33.49
993	5.49	16.03	34.70	31.78	30.11	33.45	33.45	33.45
994	6.40	15.02	34.70	31.97	30.40	33.53	33.53	33.53
995	6.40	14.21	34.74	32.17	30.70	33.63	33.63	33.63
996	6.40	13.53	34.79	32.36	30.97	33.75	33.75	33.75
997	6.89	13.08	34.87	32.55	31.22	33.87	33.87	33.87
998	7.93	12.87	34.95	32.70	31.42	33.98	33.98	33.98
999	7.93	13.60	35.02	32.81	31.54	34.07	34.07	34.07
1000	7.93	11.94	35.10	32.76	31.42	34.09	34.09	34.09
1001	8.27	9.83	35.06	33.00	31.83	34.17	34.17	34.17
1002	8.51	11.36	35.13	33.43	32.47	34.40	34.40	34.40
1003	8.51	12.17	35.37	33.41	32.29	34.53	34.53	34.53
1004	8.51	13.76	35.41	33.31	32.10	34.51	34.51	34.51
1005	8.70	14.67	35.42	33.04	31.67	34.40	34.40	34.40
1006	8.88	15.76	35.32	32.79	31.34	34.24	34.24	34.24
1007	8.88	16.82	35.22	32.50	30.95	34.05	34.05	34.05
1008	8.88	17.59	35.09	32.19	30.54	33.85	33.85	33.85
1009	8.41	18.04	34.93	31.91	30.19	33.64	33.64	33.64
1010	7.89	18.43	34.78	31.69	29.92	33.45	33.45	33.45
1011	7.89	18.64	34.64	31.49	29.69	33.29	33.29	33.29
1012	7.89	18.65	34.50	31.33	29.52	33.14	33.14	33.14
1013	7.78	18.62	34.39	31.22	29.41	33.03	33.03	33.03
1014	7.46	23.28	34.30	31.14	29.33	32.94	32.94	32.94
1015	7.46	21.59	34.31	30.37	28.11	32.62	32.62	32.62
1016	7.46	18.45	33.90	30.25	28.17	32.33	32.33	32.33
1017	7.09	16.51	33.71	30.61	28.84	32.38	32.38	32.38
1018	10.60	14.35	33.78	31.00	29.41	32.59	32.59	32.59
1019	10.60	12.50	33.90	31.48	30.09	32.86	32.86	32.86
1020	10.60	11.46	34.08	31.96	30.76	33.17	33.17	33.17
1021	9.68	11.13	34.31	32.36	31.25	33.48	33.48	33.48
1022	7.54	10.81	34.53	32.63	31.55	33.72	33.72	33.72
1023	7.54	11.31	34.70	32.85	31.79	33.90	33.90	33.90
1024	7.54	9.95	34.85	32.91	31.80	34.02	34.02	34.02

1025	6.09	7.73	34.90	33.19	32.21	34.17	34.17	34.17
1026	4.56	9.04	35.02	33.68	32.92	34.44	34.44	34.44
1027	4.56	10.11	35.31	33.74	32.85	34.64	34.64	34.64
1028	4.56	11.87	35.41	33.66	32.66	34.66	34.66	34.66
1029	2.04	12.78	35.45	33.39	32.22	34.57	34.57	34.57
1030	-0.89	13.69	35.38	33.16	31.90	34.43	34.43	34.43
1031	-0.89	14.54	35.30	32.93	31.57	34.28	34.28	34.28
1032	-0.89	15.32	35.20	32.69	31.25	34.12	34.12	34.12
1033	-1.49	16.08	35.08	32.45	30.94	33.95	33.95	33.95
1034	-2.00	16.80	34.97	32.20	30.62	33.78	33.78	33.78
1035	-2.00	17.32	34.84	31.96	30.31	33.60	33.60	33.60
1036	-2.00	17.69	34.70	31.74	30.05	33.43	33.43	33.43
1037	-1.47	18.01	34.58	31.56	29.83	33.28	33.28	33.28
1038	0.45	17.97	34.46	31.39	29.64	33.14	33.14	33.14
1039	0.45	21.92	34.34	31.29	29.54	33.03	33.03	33.03
1040	0.45	20.11	34.34	30.62	28.49	32.74	32.74	32.74
1041	1.79	17.05	33.96	30.56	28.62	32.51	32.51	32.51
1042	3.98	14.54	33.81	30.94	29.30	32.58	32.58	32.58
1043	3.98	12.42	33.89	31.43	30.03	32.84	32.84	32.84
1044	3.98	10.59	34.06	31.96	30.76	33.16	33.16	33.16
1045	5.86	6.08	34.28	32.48	31.45	33.51	33.51	33.51
1046	7.78	1.75	34.47	33.43	32.84	34.02	34.02	34.02
1047	7.78	1.61	34.87	34.57	34.40	34.74	34.74	34.74
1048	7.78	2.15	35.48	35.20	35.04	35.36	35.36	35.36
1049	9.00	2.83	35.90	35.53	35.31	35.74	35.74	35.74
1050	10.07	4.18	36.19	35.69	35.41	35.98	35.98	35.98
1051	10.07	5.70	36.40	35.66	35.24	36.08	36.08	36.08
1052	10.07	7.14	36.50	35.49	34.91	36.06	36.06	36.06
1053	10.93	8.31	36.51	35.25	34.52	35.97	35.97	35.97
1054	11.73	9.22	36.46	34.99	34.15	35.83	35.83	35.83
1055	11.73	10.08	36.37	34.75	33.82	35.68	35.68	35.68
1056	11.73	10.40	36.28	34.51	33.50	35.52	35.52	35.52
1057	12.37	10.12	36.17	34.35	33.31	35.39	35.39	35.39
1058	12.86	9.76	36.08	34.31	33.29	35.32	35.32	35.32
1059	12.86	9.37	36.04	34.33	33.35	35.31	35.31	35.31
1060	12.86	8.92	36.03	34.39	33.45	35.33	35.33	35.33
1061	13.31	8.45	36.04	34.48	33.59	35.38	35.38	35.38
1062	13.71	7.92	36.08	34.60	33.76	35.45	35.45	35.45
1063	13.71	7.15	36.13	34.74	33.95	35.54	35.54	35.54

1064	13.71	5.85	36.20	34.94	34.22	35.66	35.66	35.66
1065	13.97	4.29	36.28	35.25	34.66	35.84	35.84	35.84
1066	14.23	3.67	36.41	35.66	35.23	36.09	36.09	36.09
1067	14.23	3.63	36.60	36.19	35.95	36.42	36.42	36.42
1068	14.23	3.51	36.84	36.80	36.77	36.82	36.82	36.82
1069	17.93	3.37	37.16	37.36	37.48	37.25	37.25	37.25
1070	17.77	3.37	37.49	37.81	37.99	37.62	37.62	37.62
1071	17.77	3.27	37.77	38.19	38.43	37.95	37.95	37.95
1072	17.77	3.22	38.05	38.33	38.49	38.17	38.17	38.17
1073	16.14	3.56	38.25	38.12	38.04	38.19	38.19	38.19
1074	14.61	5.07	38.28	37.70	37.37	38.03	38.03	38.03
1075	14.61	6.46	38.17	37.26	36.73	37.78	37.78	37.78
1076	14.61	7.78	38.01	36.85	36.18	37.51	37.51	37.51
1077	13.54	8.90	37.84	36.44	35.64	37.24	37.24	37.24
1078	12.41	9.85	37.65	36.06	35.15	36.97	36.97	36.97
1079	12.41	10.77	37.46	35.70	34.70	36.71	36.71	36.71
1080	12.41	11.59	37.28	35.36	34.26	36.45	36.45	36.45
1081	8.91	12.33	37.09	35.03	33.86	36.21	36.21	36.21
1082	7.01	13.04	36.90	34.72	33.47	35.97	35.97	35.97
1083	7.01	13.74	36.72	34.42	33.11	35.74	35.74	35.74
1084	7.01	14.40	36.55	34.13	32.75	35.51	35.51	35.51
1085	7.24	15.02	36.37	33.85	32.40	35.29	35.29	35.29
1086	7.67	15.16	36.20	33.57	32.07	35.07	35.07	35.07
1087	7.67	12.27	36.02	33.38	31.87	34.89	34.89	34.89
1088	7.67	9.39	35.82	33.68	32.46	34.90	34.90	34.90
1089	8.53	7.61	35.85	34.21	33.28	35.15	35.15	35.15
1090	9.45	5.86	36.03	34.71	33.95	35.46	35.46	35.46
1091	9.45	4.38	36.24	35.21	34.62	35.80	35.80	35.80
1092	9.45	3.45	36.47	35.70	35.26	36.14	36.14	36.14
1093	9.98	2.90	36.73	36.12	35.77	36.47	36.47	36.47
1094	10.58	2.36	36.97	36.45	36.16	36.75	36.75	36.75
1095	10.58	2.28	37.18	36.76	36.52	37.00	37.00	37.00
1096	10.58	3.00	37.38	36.97	36.74	37.20	37.20	37.20
1097	11.03	3.94	37.55	37.01	36.71	37.32	37.32	37.32
1098	11.44	5.56	37.65	36.94	36.54	37.34	37.34	37.34
1099	11.44	6.68	37.69	36.69	36.12	37.26	37.26	37.26
1100	11.44	8.65	37.63	36.43	35.75	37.12	37.12	37.12
1101	12.00	9.40	37.56	36.01	35.13	36.90	36.90	36.90
1102	12.27	9.79	37.38	35.70	34.74	36.66	36.66	36.66

1103	12.27	10.12	37.22	35.47	34.48	36.47	36.47	36.47
1104	12.27	10.46	37.09	35.29	34.27	36.32	36.32	36.32
1105	12.32	10.81	36.98	35.13	34.07	36.19	36.19	36.19
1106	12.68	11.15	36.88	34.97	33.87	36.06	36.06	36.06
1107	12.68	11.34	36.78	34.81	33.69	35.94	35.94	35.94
1108	12.68	11.33	36.69	34.69	33.55	35.83	35.83	35.83
1109	13.15	11.29	36.60	34.60	33.46	35.74	35.74	35.74
1110	13.44	15.87	36.53	34.55	33.41	35.68	35.68	35.68
1111	13.44	14.05	36.57	33.78	32.19	35.38	35.38	35.38
1112	13.44	10.79	36.17	33.71	32.30	35.11	35.11	35.11
1113	13.68	8.67	36.00	34.12	33.05	35.20	35.20	35.20
1114	14.04	6.24	36.10	34.59	33.72	35.45	35.45	35.45
1115	14.04	4.04	36.26	35.16	34.54	35.79	35.79	35.79
1116	14.04	2.73	36.50	35.78	35.38	36.19	36.19	36.19
1117	14.21	2.32	36.79	36.37	36.13	36.61	36.61	36.61
1118	13.42	2.12	37.10	36.88	36.76	37.00	37.00	37.00
1119	13.42	2.57	37.39	37.33	37.30	37.36	37.36	37.36
1120	13.42	2.23	37.68	37.57	37.51	37.63	37.63	37.63
1121	12.18	0.67	37.87	37.77	37.70	37.83	37.83	37.83
1122	10.82	0.73	38.01	38.12	38.18	38.05	38.05	38.05
1123	10.82	2.12	38.25	38.17	38.12	38.22	38.22	38.22
1124	10.82	4.65	38.38	37.99	37.77	38.21	38.21	38.21
1125	9.50	6.19	38.40	37.56	37.08	38.04	38.04	38.04
1126	8.23	6.79	38.27	37.15	36.51	37.79	37.79	37.79
1127	8.23	7.22	38.09	36.87	36.17	37.57	37.57	37.57
1128	8.23	7.43	37.96	36.66	35.91	37.40	37.40	37.40
1129	7.25	7.46	37.84	36.50	35.74	37.27	37.27	37.27
1130	6.80	7.44	37.74	36.41	35.64	37.17	37.17	37.17
1131	6.80	7.41	37.68	36.34	35.58	37.10	37.10	37.10
1132	6.80	7.45	37.63	36.30	35.54	37.06	37.06	37.06
1133	6.60	7.46	37.59	36.26	35.50	37.02	37.02	37.02
1134	6.56	12.32	37.56	36.23	35.46	36.99	36.99	36.99
1135	6.56	11.14	37.63	35.43	34.17	36.69	36.69	36.69
1136	6.56	8.53	37.24	35.26	34.12	36.39	36.39	36.39
1137	6.96	6.68	37.05	35.54	34.67	36.40	36.40	36.40
1138	7.90	4.11	37.10	35.91	35.23	36.59	36.59	36.59
1139	7.90	2.59	37.20	36.47	36.05	36.88	36.88	36.88
1140	7.90	2.31	37.41	37.13	36.97	37.29	37.29	37.29
1141	8.69	2.11	37.72	37.75	37.76	37.73	37.73	37.73



1142	8.94	2.06	38.05	38.21	38.30	38.11	38.11	38.11
1143	8.94	2.33	38.32	38.59	38.74	38.44	38.44	38.44
1144	8.94	2.05	38.59	38.74	38.83	38.66	38.66	38.66
1145	9.03	0.54	38.76	38.73	38.72	38.75	38.75	38.75
1146	9.08	0.92	38.81	38.83	38.85	38.82	38.82	38.82
1147	9.08	2.08	38.93	38.76	38.66	38.86	38.86	38.86
1148	9.08	4.06	38.96	38.58	38.36	38.80	38.80	38.80
1149	9.37	5.65	38.95	38.21	37.78	38.63	38.63	38.63
1150	9.55	6.94	38.83	37.79	37.21	38.38	38.38	38.38
1151	9.55	8.13	38.66	37.39	36.67	38.12	38.12	38.12
1152	9.55	9.05	38.47	37.00	36.16	37.84	37.84	37.84
1153	9.73	9.74	38.27	36.64	35.71	37.57	37.57	37.57
1154	9.88	10.39	38.08	36.32	35.32	37.33	37.33	37.33
1155	9.88	10.99	37.90	36.03	34.97	37.10	37.10	37.10
1156	9.88	11.57	37.73	35.76	34.63	36.88	36.88	36.88
1157	9.52	12.13	37.56	35.49	34.31	36.67	36.67	36.67
1158	9.72	17.02	37.40	35.24	34.00	36.47	36.47	36.47
1159	9.72	15.60	37.33	34.31	32.58	36.03	36.03	36.03
1160	9.72	12.62	36.82	34.07	32.49	35.64	35.64	35.64
1161	10.23	10.95	36.56	34.34	33.08	35.61	35.61	35.61
1162	13.62	9.32	36.57	34.65	33.55	35.75	35.75	35.75
1163	13.62	7.86	36.64	35.00	34.06	35.93	35.93	35.93
1164	13.62	6.61	36.75	35.37	34.58	36.16	36.16	36.16
1165	12.43	5.55	36.90	35.74	35.07	36.40	36.40	36.40
1166	9.90	4.59	37.07	36.09	35.53	36.65	36.65	36.65
1167	9.90	4.95	37.25	36.43	35.97	36.90	36.90	36.90
1168	9.90	4.48	37.45	36.57	36.06	37.07	37.07	37.07
1169	8.31	2.77	37.55	36.75	36.29	37.21	37.21	37.21
1170	7.07	3.73	37.64	37.14	36.85	37.42	37.42	37.42
1171	7.07	5.25	37.87	37.20	36.82	37.58	37.58	37.58
1172	7.07	7.71	37.98	37.03	36.49	37.57	37.57	37.57
1173	6.05	9.13	37.99	36.60	35.81	37.39	37.39	37.39
1174	5.10	10.14	37.84	36.20	35.26	37.14	37.14	37.14
1175	5.10	11.04	37.66	35.85	34.81	36.89	36.89	36.89
1176	5.10	11.93	37.49	35.52	34.40	36.65	36.65	36.65
1177	4.29	12.87	37.32	35.20	33.99	36.41	36.41	36.41
1178	3.89	13.76	37.15	34.87	33.57	36.17	36.17	36.17
1179	3.89	14.47	36.97	34.54	33.15	35.93	35.93	35.93
1180	3.89	15.05	36.78	34.23	32.77	35.69	35.69	35.69

1181	4.49	15.60	36.60	33.95	32.44	35.46	35.46	35.46
1182	4.09	20.27	36.42	33.69	32.12	35.25	35.25	35.25
1183	4.09	18.04	36.34	32.79	30.77	34.82	34.82	34.82
1184	4.09	13.97	35.83	32.69	30.90	34.48	34.48	34.48
1185	2.76	11.26	35.60	33.18	31.80	34.57	34.57	34.57
1186	3.94	8.64	35.70	33.75	32.63	34.86	34.86	34.86
1187	3.94	6.33	35.88	34.38	33.52	35.24	35.24	35.24
1188	3.94	4.66	36.13	35.03	34.40	35.66	35.66	35.66
1189	5.16	3.58	36.44	35.62	35.15	36.09	36.09	36.09
1190	6.46	2.67	36.74	36.11	35.75	36.47	36.47	36.47
1191	6.46	3.01	37.02	36.55	36.28	36.82	36.82	36.82
1192	6.46	2.89	37.30	36.77	36.46	37.07	37.07	37.07
1193	7.16	1.46	37.48	36.96	36.67	37.26	37.26	37.26
1194	8.00	2.28	37.60	37.34	37.19	37.49	37.49	37.49
1195	8.00	3.66	37.85	37.44	37.20	37.67	37.67	37.67
1196	8.00	5.92	37.99	37.33	36.95	37.70	37.70	37.70
1197	8.70	7.20	38.03	36.97	36.36	37.58	37.58	37.58
1198	8.81	7.86	37.93	36.63	35.89	37.37	37.37	37.37
1199	8.81	8.39	37.79	36.38	35.58	37.19	37.19	37.19
1200	8.81	8.89	37.68	36.18	35.32	37.03	37.03	37.03
1201	9.25	9.38	37.57	35.98	35.08	36.89	36.89	36.89
1202	10.07	9.84	37.48	35.80	34.84	36.76	36.76	36.76
1203	10.07	10.31	37.38	35.62	34.62	36.62	36.62	36.62
1204	10.07	10.73	37.28	35.44	34.40	36.49	36.49	36.49
1205	10.74	11.12	37.18	35.27	34.18	36.36	36.36	36.36
1206	11.38	10.90	37.08	35.11	33.98	36.23	36.23	36.23
1207	11.38	14.53	36.97	35.04	33.94	36.14	36.14	36.14
1208	11.38	13.10	36.98	34.41	32.94	35.88	35.88	35.88
1209	11.83	10.21	36.64	34.33	33.01	35.65	35.65	35.65
1210	15.52	7.62	36.49	34.70	33.67	35.72	35.72	35.72
1211	15.52	6.41	36.56	35.22	34.45	35.99	35.99	35.99
1212	15.52	6.09	36.73	35.87	35.37	36.36	36.36	36.36
1213	14.49	3.78	37.01	36.50	36.21	36.79	36.79	36.79
1214	11.61	1.35	37.28	37.34	37.37	37.31	37.31	37.31
1215	11.61	1.42	37.67	38.32	38.69	37.95	37.95	37.95
1216	11.61	1.47	38.21	38.86	39.24	38.49	38.49	38.49
1217	9.28	1.76	38.59	39.11	39.40	38.81	38.81	38.81
1218	7.00	2.24	38.84	39.17	39.36	38.98	38.98	38.98
1219	7.00	2.64	38.99	39.06	39.10	39.02	39.02	39.02

1220	7.00	3.01	39.05	38.81	38.67	38.95	38.95	38.95
1221	5.22	3.88	39.02	38.50	38.21	38.80	38.80	38.80
1222	4.00	4.76	38.93	38.22	37.81	38.62	38.62	38.62
1223	4.00	5.60	38.82	37.95	37.45	38.44	38.44	38.44
1224	4.00	6.23	38.70	37.69	37.10	38.27	38.27	38.27
1225	3.02	6.66	38.58	37.45	36.80	38.10	38.10	38.10
1226	2.08	7.05	38.46	37.25	36.57	37.94	37.94	37.94
1227	2.08	7.07	38.35	37.08	36.35	37.81	37.81	37.81
1228	2.08	6.72	38.25	36.97	36.24	37.70	37.70	37.70
1229	1.93	6.31	38.17	36.95	36.26	37.65	37.65	37.65
1230	1.53	5.56	38.13	36.99	36.34	37.64	37.64	37.64
1231	1.53	4.79	38.11	37.11	36.54	37.68	37.68	37.68
1232	1.53	5.20	38.13	37.36	36.92	37.80	37.80	37.80
1233	0.77	5.38	38.18	37.96	37.84	38.09	38.09	38.09
1234	1.55	5.21	38.41	38.68	38.83	38.53	38.53	38.53
1235	1.55	4.95	38.75	39.35	39.69	39.01	39.01	39.01
1236	1.55	4.59	39.10	39.95	40.45	39.46	39.46	39.46
1237	2.42	4.25	39.45	40.43	40.99	39.87	39.87	39.87
1238	4.07	4.03	39.76	40.77	41.35	40.19	40.19	40.19
1239	4.07	3.76	40.01	41.02	41.61	40.44	40.44	40.44
1240	4.07	3.55	40.23	41.12	41.63	40.61	40.61	40.61
1241	4.93	3.49	40.38	41.02	41.39	40.65	40.65	40.65
1242	5.41	3.56	40.44	40.76	40.94	40.57	40.57	40.57
1243	5.41	3.73	40.41	40.29	40.22	40.36	40.36	40.36
1244	5.41	5.35	40.28	39.67	39.32	40.02	40.02	40.02
1245	5.83	6.96	40.03	39.04	38.47	39.61	39.61	39.61
1246	6.20	8.17	39.74	38.46	37.73	39.19	39.19	39.19
1247	6.20	9.34	39.45	37.95	37.09	38.81	38.81	38.81
1248	6.20	10.36	39.17	37.47	36.49	38.44	38.44	38.44
1249	6.39	11.25	38.90	37.02	35.94	38.09	38.09	38.09
1250	6.55	12.12	38.64	36.60	35.43	37.76	37.76	37.76
1251	6.55	12.86	38.39	36.20	34.95	37.45	37.45	37.45
1252	6.55	13.50	38.14	35.83	34.51	37.15	37.15	37.15
1253	6.68	14.13	37.91	35.49	34.11	36.87	36.87	36.87
1254	6.78	19.13	37.69	35.17	33.72	36.61	36.61	36.61
1255	6.78	17.70	37.56	34.16	32.22	36.11	36.11	36.11
1256	6.78	14.96	37.00	33.87	32.08	35.66	35.66	35.66
1257	6.87	13.68	36.70	34.07	32.57	35.57	35.57	35.57
1258	10.52	12.41	36.66	34.26	32.89	35.63	35.63	35.63

1259	10.52	11.24	36.66	34.48	33.24	35.73	35.73	35.73
1260	10.52	9.85	36.71	34.73	33.60	35.86	35.86	35.86
1261	9.50	8.25	36.77	35.04	34.05	36.03	36.03	36.03
1262	7.02	6.78	36.88	35.42	34.59	36.25	36.25	36.25
1263	7.02	6.70	37.03	35.83	35.14	36.52	36.52	36.52
1264	7.02	5.52	37.24	36.05	35.37	36.73	36.73	36.73
1265	5.11	3.29	37.35	36.37	35.81	36.93	36.93	36.93
1266	3.18	4.08	37.49	36.90	36.57	37.24	37.24	37.24
1267	3.18	5.04	37.79	37.06	36.64	37.47	37.47	37.47
1268	3.18	6.84	37.93	37.03	36.51	37.55	37.55	37.55
1269	1.89	7.59	38.01	36.78	36.07	37.48	37.48	37.48
1270	0.84	7.99	37.94	36.57	35.79	37.35	37.35	37.35
1271	0.84	8.29	37.86	36.42	35.61	37.24	37.24	37.24
1272	0.84	8.54	37.79	36.31	35.46	37.16	37.16	37.16
1273	-0.08	8.76	37.73	36.20	35.33	37.08	37.08	37.08
1274	-0.73	8.95	37.68	36.11	35.21	37.00	37.00	37.00
1275	-0.73	9.04	37.62	36.02	35.11	36.94	36.94	36.94
1276	-0.73	9.07	37.57	35.96	35.03	36.88	36.88	36.88
1277	-0.73	9.07	37.53	35.91	34.98	36.83	36.83	36.83
1278	-1.02	13.81	37.49	35.87	34.95	36.80	36.80	36.80
1279	-1.02	12.27	37.56	35.10	33.69	36.50	36.50	36.50
1280	-1.02	9.36	37.16	34.98	33.74	36.23	36.23	36.23
1281	-1.87	7.27	36.99	35.34	34.39	36.28	36.28	36.28
1282	-1.33	4.55	37.07	35.78	35.04	36.52	36.52	36.52
1283	-1.33	3.67	37.20	36.41	35.96	36.86	36.86	36.86
1284	-1.33	3.51	37.43	37.35	37.31	37.39	37.39	37.39
1285	0.04	3.21	37.83	38.36	38.66	38.06	38.06	38.06
1286	1.94	3.16	38.35	39.06	39.47	38.66	38.66	38.66
1287	1.94	2.86	38.78	39.63	40.12	39.14	39.14	39.14
1288	1.94	2.39	39.18	39.78	40.12	39.44	39.44	39.44
1289	3.44	0.75	39.41	39.62	39.74	39.50	39.50	39.50
1290	4.68	0.53	39.43	39.61	39.72	39.51	39.51	39.51
1291	4.68	1.03	39.51	39.50	39.49	39.50	39.50	39.50
1292	4.68	2.55	39.52	39.33	39.22	39.44	39.44	39.44
1293	5.48	3.75	39.50	39.03	38.76	39.30	39.30	39.30
1294	6.21	4.47	39.41	38.72	38.33	39.11	39.11	39.11
1295	6.21	5.12	39.28	38.46	37.99	38.93	38.93	38.93
1296	6.21	5.81	39.16	38.22	37.69	38.76	38.76	38.76
1297	6.99	6.57	39.05	37.99	37.38	38.59	38.59	38.59

1298	7.74	7.30	38.93	37.73	37.05	38.42	38.42	38.42
1299	7.74	7.82	38.80	37.48	36.72	38.23	38.23	38.23
1300	7.74	8.17	38.66	37.25	36.43	38.06	38.06	38.06
1301	8.36	8.48	38.53	37.05	36.21	37.90	37.90	37.90
1302	9.05	13.70	38.41	36.88	36.00	37.76	37.76	37.76
1303	9.05	12.83	38.40	35.93	34.52	37.35	37.35	37.35
1304	9.05	10.60	37.92	35.62	34.30	36.93	36.93	36.93
1305	9.59	9.13	37.65	35.75	34.67	36.84	36.84	36.84
1306	13.65	6.75	37.61	35.98	35.05	36.91	36.91	36.91
1307	13.65	4.28	37.62	36.41	35.72	37.10	37.10	37.10
1308	13.65	2.45	37.74	36.98	36.54	37.41	37.41	37.41
1309	12.99	1.97	37.97	37.55	37.31	37.79	37.79	37.79
1310	10.18	1.86	38.24	38.08	37.99	38.17	38.17	38.17
1311	10.18	2.11	38.51	38.57	38.61	38.54	38.54	38.54
1312	10.18	2.00	38.80	38.88	38.92	38.83	38.83	38.83
1313	7.73	0.75	39.02	39.04	39.06	39.03	39.03	39.03
1314	5.17	0.58	39.14	39.33	39.43	39.22	39.22	39.22
1315	5.17	1.17	39.35	39.37	39.38	39.36	39.36	39.36
1316	5.17	2.94	39.45	39.24	39.11	39.36	39.36	39.36
1317	3.28	4.44	39.47	38.93	38.62	39.24	39.24	39.24
1318	1.86	5.47	39.39	38.57	38.11	39.04	39.04	39.04
1319	1.86	6.42	39.25	38.25	37.68	38.82	38.82	38.82
1320	1.86	7.29	39.11	37.94	37.27	38.61	38.61	38.61
1321	1.06	8.10	38.96	37.63	36.87	38.39	38.39	38.39
1322	0.46	8.85	38.80	37.33	36.49	38.17	38.17	38.17
1323	0.46	9.30	38.64	37.04	36.12	37.96	37.96	37.96
1324	0.46	9.41	38.48	36.79	35.83	37.76	37.76	37.76
1325	0.30	9.47	38.32	36.63	35.66	37.60	37.60	37.60
1326	0.23	14.14	38.20	36.50	35.52	37.47	37.47	37.47
1327	0.23	12.43	38.20	35.66	34.20	37.11	37.11	37.11
1328	0.23	9.33	37.74	35.52	34.25	36.79	36.79	36.79
1329	-0.18	7.80	37.54	35.88	34.93	36.83	36.83	36.83
1330	0.81	6.27	37.61	36.22	35.42	37.01	37.01	37.01
1331	0.81	4.85	37.71	36.59	35.95	37.23	37.23	37.23
1332	0.81	3.77	37.85	36.98	36.49	37.48	37.48	37.48
1333	1.54	3.12	38.03	37.35	36.96	37.74	37.74	37.74
1334	2.62	2.68	38.21	37.65	37.33	37.97	37.97	37.97
1335	2.62	3.68	38.38	37.90	37.62	38.18	38.18	38.18
1336	2.62	4.07	38.56	37.89	37.51	38.28	38.28	38.28

1337	3.26	3.05	38.61	37.87	37.45	38.29	38.29	38.29
1338	3.34	4.01	38.61	38.05	37.74	38.37	38.37	38.37
1339	3.34	4.88	38.73	38.00	37.59	38.42	38.42	38.42
1340	3.34	6.48	38.75	37.86	37.36	38.37	38.37	38.37
1341	3.45	7.32	38.74	37.56	36.89	38.23	38.23	38.23
1342	3.52	8.00	38.62	37.29	36.53	38.05	38.05	38.05
1343	3.52	8.62	38.50	37.05	36.22	37.88	37.88	37.88
1344	3.52	9.17	38.38	36.82	35.93	37.71	37.71	37.71
1345	3.56	9.66	38.26	36.60	35.66	37.55	37.55	37.55
1346	3.81	10.11	38.14	36.40	35.40	37.39	37.39	37.39
1347	3.81	10.60	38.02	36.20	35.16	37.24	37.24	37.24
1348	3.81	11.13	37.90	36.00	34.91	37.09	37.09	37.09
1349	4.06	11.66	37.78	35.79	34.65	36.93	36.93	36.93
1350	4.17	16.77	37.66	35.58	34.39	36.77	36.77	36.77
1351	4.17	15.52	37.63	34.64	32.93	36.35	36.35	36.35
1352	4.17	12.84	37.13	34.38	32.81	35.95	35.95	35.95
1353	4.41	11.19	36.87	34.61	33.32	35.90	35.90	35.90
1354	8.28	9.17	36.87	34.90	33.77	36.02	36.02	36.02
1355	8.28	7.39	36.92	35.30	34.37	36.22	36.22	36.22
1356	8.28	5.71	37.05	35.74	35.00	36.49	36.49	36.49
1357	7.33	4.10	37.23	36.22	35.64	36.80	36.80	36.80
1358	5.38	2.74	37.44	36.71	36.29	37.13	37.13	37.13
1359	5.38	2.57	37.68	37.19	36.91	37.47	37.47	37.47
1360	5.38	2.95	37.95	37.49	37.23	37.76	37.76	37.76
1361	4.70	2.04	38.16	37.63	37.33	37.94	37.94	37.94
1362	4.17	2.67	38.27	37.90	37.69	38.11	38.11	38.11
1363	4.17	3.73	38.45	37.97	37.69	38.24	38.24	38.24
1364	4.17	5.58	38.56	37.88	37.49	38.27	38.27	38.27
1365	3.77	6.92	38.60	37.58	37.00	38.16	38.16	38.16
1366	3.34	7.85	38.51	37.26	36.54	37.97	37.97	37.97
1367	3.34	8.66	38.39	36.97	36.15	37.78	37.78	37.78
1368	3.34	9.59	38.25	36.69	35.80	37.58	37.58	37.58
1369	2.84	10.61	38.12	36.40	35.41	37.38	37.38	37.38
1370	2.42	11.60	37.98	36.07	34.98	37.16	37.16	37.16
1371	2.42	12.11	37.82	35.74	34.55	36.92	36.92	36.92
1372	2.42	12.14	37.63	35.47	34.23	36.70	36.70	36.70
1373	2.50	12.11	37.46	35.29	34.06	36.53	36.53	36.53
1374	1.89	11.61	37.33	35.17	33.94	36.40	36.40	36.40
1375	1.89	15.28	37.22	35.16	33.98	36.33	36.33	36.33

1376	1.89	13.87	37.24	34.53	32.99	36.08	36.08	36.08
1377	0.31	10.93	36.90	34.45	33.05	35.85	35.85	35.85
1378	0.00	8.31	36.74	34.82	33.71	35.92	35.92	35.92
1379	0.00	6.35	36.81	35.34	34.50	36.18	36.18	36.18
1380	0.00	5.91	36.98	35.95	35.36	36.54	36.54	36.54
1381	0.00	3.78	37.23	36.63	36.28	36.97	36.97	36.97
1382	0.78	1.67	37.50	37.60	37.66	37.54	37.54	37.54
1383	0.78	1.84	37.93	38.73	39.19	38.28	38.28	38.28
1384	0.78	1.69	38.54	39.42	39.92	38.92	38.92	38.92
1385	1.19	1.75	39.00	39.77	40.21	39.33	39.33	39.33
1386	0.40	2.00	39.30	39.94	40.30	39.58	39.58	39.58
1387	0.40	2.30	39.53	39.86	40.04	39.67	39.67	39.67
1388	0.40	2.99	39.63	39.50	39.43	39.58	39.58	39.58
1389	0.33	3.87	39.58	39.04	38.73	39.35	39.35	39.35
1390	1.65	3.88	39.41	38.70	38.30	39.11	39.11	39.11
1391	1.65	3.76	39.26	38.55	38.14	38.95	38.95	38.95
1392	1.65	3.93	39.17	38.48	38.09	38.87	38.87	38.87
1393	2.62	4.49	39.13	38.41	38.00	38.82	38.82	38.82
1394	3.22	5.08	39.10	38.28	37.81	38.75	38.75	38.75
1395	3.22	5.49	39.05	38.12	37.59	38.65	38.65	38.65
1396	3.22	5.74	38.97	37.97	37.40	38.54	38.54	38.54
1397	4.47	5.97	38.90	37.85	37.25	38.45	38.45	38.45
1398	5.70	5.79	38.83	37.74	37.12	38.36	38.36	38.36
1399	5.70	5.03	38.76	37.71	37.10	38.31	38.31	38.31
1400	5.70	3.94	38.71	37.80	37.27	38.32	38.32	38.32
1401	6.50	3.66	38.71	38.02	37.62	38.41	38.41	38.41
1402	7.22	3.69	38.77	38.44	38.25	38.63	38.63	38.63
1403	7.22	3.84	38.91	39.08	39.17	38.98	38.98	38.98
1404	7.22	3.99	39.18	39.81	40.17	39.45	39.45	39.45
1405	11.43	4.07	39.53	40.54	41.11	39.96	39.96	39.96
1406	12.01	4.30	39.91	41.20	41.93	40.47	40.47	40.47
1407	12.01	4.39	40.29	41.83	42.72	40.95	40.95	40.95
1408	12.01	4.28	40.67	42.32	43.26	41.38	41.38	41.38
1409	11.42	4.25	41.02	42.58	43.47	41.69	41.69	41.69
1410	10.92	3.91	41.26	42.71	43.55	41.88	41.88	41.88
1411	10.92	3.43	41.45	42.58	43.23	41.94	41.94	41.94
1412	10.92	3.29	41.53	42.15	42.50	41.80	41.80	41.80
1413	10.59	3.48	41.44	41.61	41.70	41.51	41.51	41.51
1414	10.37	3.71	41.24	41.12	41.05	41.19	41.19	41.19

1415	10.37	3.86	41.02	40.79	40.65	40.92	40.92	40.92
1416	10.37	3.98	40.85	40.53	40.34	40.71	40.71	40.71
1417	7.68	4.04	40.71	40.33	40.11	40.54	40.54	40.54
1418	6.33	4.06	40.59	40.14	39.88	40.40	40.40	40.40
1419	6.33	4.08	40.49	39.93	39.61	40.25	40.25	40.25
1420	6.33	4.47	40.38	39.70	39.32	40.09	40.09	40.09
1421	7.02	5.29	40.26	39.43	38.96	39.90	39.90	39.90
1422	7.58	10.32	40.12	39.14	38.58	39.70	39.70	39.70
1423	7.58	8.56	40.06	38.15	37.06	39.24	39.24	39.24
1424	7.58	7.23	39.49	38.27	37.58	38.97	38.97	38.97
1425	8.05	6.63	39.28	39.61	39.80	39.42	39.42	39.42
1426	8.32	5.83	39.76	40.72	41.26	40.17	40.17	40.17
1427	8.32	5.16	40.25	41.67	42.47	40.86	40.86	40.86
1428	8.32	4.81	40.73	42.55	43.58	41.51	41.51	41.51
1429	8.63	4.86	41.24	43.15	44.25	42.06	42.06	42.06
1430	9.04	4.83	41.63	43.63	44.77	42.49	42.49	42.49
1431	9.04	4.64	41.97	43.99	45.15	42.84	42.84	42.84
1432	9.04	4.77	42.26	44.23	45.35	43.10	43.10	43.10
1433	9.58	4.53	42.45	44.52	45.70	43.34	43.34	43.34
1434	9.97	4.29	42.68	44.77	45.96	43.57	43.57	43.57
1435	9.97	3.90	42.89	44.86	46.00	43.73	43.73	43.73
1436	9.97	3.71	43.03	44.83	45.85	43.80	43.80	43.80
1437	10.35	3.77	43.09	44.80	45.78	43.82	43.82	43.82
1438	10.84	3.90	43.13	44.87	45.86	43.87	43.87	43.87
1439	10.84	4.00	43.19	44.99	46.01	43.96	43.96	43.96
1440	10.84	4.12	43.29	45.09	46.13	44.06	44.06	44.06
1441	10.95	4.39	43.38	45.19	46.22	44.15	44.15	44.15
1442	11.03	4.65	43.45	45.35	46.43	44.27	44.27	44.27
1443	11.03	4.70	43.56	45.54	46.67	44.41	44.41	44.41
1444	11.03	4.82	43.69	45.62	46.73	44.52	44.52	44.52
1445	11.34	5.03	43.79	45.60	46.63	44.56	44.56	44.56
1446	11.65	9.66	43.83	45.53	46.50	44.56	44.56	44.56
1447	11.65	8.35	43.95	44.62	45.00	44.24	44.24	44.24
1448	11.65	6.19	43.55	44.31	44.74	43.88	43.88	43.88
1449	11.97	5.75	43.31	44.68	45.47	43.90	43.90	43.90
1450	12.28	5.75	43.39	45.23	46.28	44.18	44.18	44.18
1451	12.28	5.94	43.60	45.83	47.11	44.56	44.56	44.56
1452	12.28	6.01	43.89	46.34	47.74	44.94	44.94	44.94
1453	12.45	5.87	44.18	46.70	48.15	45.26	45.26	45.26



1454	12.37	5.66	44.42	46.92	48.35	45.49	45.49	45.49
1455	12.37	5.24	44.60	47.05	48.44	45.65	45.65	45.65
1456	12.37	5.27	44.75	47.03	48.34	45.73	45.73	45.73
1457	12.00	4.94	44.80	47.10	48.42	45.78	45.78	45.78
1458	11.21	4.60	44.88	47.12	48.40	45.84	45.84	45.84
1459	11.21	4.24	44.95	47.03	48.23	45.84	45.84	45.84
1460	11.21	3.42	44.96	46.88	47.98	45.78	45.78	45.78
1461	10.35	2.95	44.96	46.51	47.40	45.62	45.62	45.62
1462	9.87	3.88	44.83	46.17	46.93	45.40	45.40	45.40
1463	9.87	4.91	44.62	46.38	47.39	45.37	45.37	45.37
1464	9.87	1.83	44.64	46.88	48.15	45.60	45.60	45.60
1465	9.33	1.62	45.04	45.79	46.22	45.36	45.36	45.36
1466	8.72	2.95	44.70	44.39	44.20	44.57	44.57	44.57
1467	8.72	4.33	44.06	43.48	43.16	43.81	43.81	43.81
1468	8.72	5.57	43.57	42.74	42.26	43.21	43.21	43.21
1469	8.37	6.38	43.14	42.07	41.46	42.68	42.68	42.68
1470	8.34	11.88	42.73	41.51	40.81	42.21	42.21	42.21
1471	8.34	11.64	42.47	40.22	38.93	41.50	41.50	41.50
1472	8.34	9.80	41.76	39.56	38.31	40.82	40.82	40.82
1473	8.71	9.57	41.26	39.43	38.38	40.48	40.48	40.48
1474	9.49	9.51	41.04	39.26	38.24	40.28	40.28	40.28
1475	9.49	9.38	40.85	39.08	38.07	40.09	40.09	40.09
1476	9.49	8.94	40.67	38.93	37.94	39.92	39.92	39.92
1477	10.07	8.58	40.51	38.85	37.91	39.80	39.80	39.80
1478	10.49	8.79	40.39	38.80	37.90	39.71	39.71	39.71
1479	10.49	9.83	40.31	38.69	37.76	39.61	39.61	39.61
1480	10.49	8.93	40.22	38.41	37.38	39.45	39.45	39.45
1481	10.74	7.00	40.03	38.39	37.45	39.32	39.32	39.32
1482	10.62	7.87	39.92	38.63	37.90	39.37	39.37	39.37
1483	10.62	8.47	40.00	38.55	37.73	39.38	39.38	39.38
1484	10.62	9.86	39.95	38.40	37.50	39.29	39.29	39.29
1485	10.55	10.39	39.88	38.07	37.04	39.11	39.11	39.11
1486	10.34	10.60	39.71	37.81	36.72	38.90	38.90	38.90
1487	10.34	10.73	39.55	37.61	36.50	38.72	38.72	38.72
1488	10.34	10.97	39.41	37.45	36.33	38.57	38.57	38.57
1489	10.05	11.04	39.29	37.29	36.15	38.43	38.43	38.43
1490	9.84	10.88	39.17	37.16	36.01	38.31	38.31	38.31
1491	9.84	11.01	39.06	37.08	35.95	38.21	38.21	38.21
1492	9.84	11.13	38.98	36.98	35.84	38.12	38.12	38.12

1493	9.71	10.91	38.89	36.87	35.72	38.03	38.03	38.03
1494	9.75	15.40	38.80	36.83	35.70	37.95	37.95	37.95
1495	9.75	13.96	38.83	36.05	34.46	37.64	37.64	37.64
1496	9.75	11.04	38.42	35.90	34.46	37.34	37.34	37.34
1497	9.92	8.90	38.21	36.23	35.10	37.36	37.36	37.36
1498	13.63	5.51	38.26	36.66	35.74	37.57	37.57	37.57
1499	13.63	5.05	38.35	37.37	36.81	37.93	37.93	37.93
1500	13.63	6.04	38.49	39.17	39.55	38.78	38.78	38.78
1501	12.68	5.54	39.17	41.32	42.55	40.09	40.09	40.09
1502	10.77	2.81	40.27	42.50	43.77	41.22	41.22	41.22
1503	10.77	1.89	41.19	41.88	42.27	41.48	41.48	41.48
1504	10.77	1.65	41.24	40.88	40.68	41.08	41.08	41.08
1505	10.03	0.40	40.88	40.57	40.40	40.75	40.75	40.75
1506	9.26	0.70	40.72	40.65	40.61	40.69	40.69	40.69
1507	9.26	1.39	40.76	40.63	40.56	40.71	40.71	40.71
1508	9.26	2.88	40.78	40.52	40.37	40.67	40.67	40.67
1509	8.58	3.24	40.77	40.23	39.93	40.54	40.54	40.54
1510	8.03	2.88	40.65	40.05	39.70	40.39	40.39	40.39
1511	8.03	5.50	40.55	40.01	39.71	40.32	40.32	40.32
1512	8.03	9.27	40.58	39.55	38.97	40.14	40.14	40.14
1513	7.60	11.55	40.43	38.71	37.73	39.70	39.70	39.70
1514	7.26	12.96	40.07	37.94	36.72	39.15	39.15	39.15
1515	7.26	13.76	39.67	37.29	35.93	38.65	38.65	38.65
1516	7.26	14.79	39.30	36.79	35.36	38.22	38.22	38.22
1517	7.64	15.60	38.99	36.31	34.77	37.84	37.84	37.84
1518	6.54	20.53	38.69	35.87	34.26	37.48	37.48	37.48
1519	6.54	19.65	38.49	34.80	32.69	36.91	36.91	36.91
1520	6.54	17.69	37.88	34.38	32.37	36.38	36.38	36.38
1521	4.82	16.64	37.52	34.38	32.58	36.17	36.17	36.17
1522	5.67	14.81	37.37	34.43	32.75	36.11	36.11	36.11
1523	5.67	13.09	37.27	34.65	33.16	36.15	36.15	36.15
1524	5.67	11.64	37.27	34.96	33.63	36.28	36.28	36.28
1525	6.25	10.41	37.35	35.28	34.10	36.46	36.46	36.46
1526	7.39	9.15	37.45	35.60	34.55	36.66	36.66	36.66
1527	7.39	8.70	37.57	35.95	35.01	36.88	36.88	36.88
1528	7.39	7.22	37.73	36.18	35.29	37.07	37.07	37.07
1529	7.88	5.16	37.83	36.54	35.80	37.28	37.28	37.28
1530	8.31	6.03	37.97	37.05	36.52	37.58	37.58	37.58
1531	8.31	7.27	38.26	37.17	36.55	37.79	37.79	37.79

1532	8.31	9.49	38.39	37.08	36.33	37.83	37.83	37.83
1533	8.69	10.69	38.43	36.72	35.74	37.70	37.70	37.70
1534	8.96	11.40	38.31	36.38	35.28	37.48	37.48	37.48
1535	8.96	12.15	38.16	36.11	34.94	37.28	37.28	37.28
1536	8.96	12.85	38.03	35.85	34.61	37.10	37.10	37.10
1537	9.12	13.50	37.89	35.59	34.28	36.90	36.90	36.90
1538	9.25	14.30	37.75	35.34	33.96	36.71	36.71	36.71
1539	9.25	14.91	37.60	35.06	33.60	36.51	36.51	36.51
1540	9.25	15.50	37.44	34.79	33.28	36.31	36.31	36.31
1541	9.35	16.06	37.29	34.54	32.97	36.11	36.11	36.11
1542	9.44	16.39	37.13	34.29	32.67	35.91	35.91	35.91
1543	9.44	21.22	36.97	34.08	32.43	35.73	35.73	35.73
1544	9.44	20.94	36.92	33.18	31.05	35.32	35.32	35.32
1545	9.51	18.12	36.45	32.78	30.69	34.88	34.88	34.88
1546	13.16	15.12	36.11	32.96	31.16	34.76	34.76	34.76
1547	13.16	12.82	36.04	33.42	31.91	34.92	34.92	34.92
1548	13.16	10.86	36.15	33.92	32.64	35.19	35.19	35.19
1549	12.17	6.80	36.32	34.42	33.34	35.51	35.51	35.51
1550	10.19	3.23	36.49	35.29	34.61	35.97	35.97	35.97
1551	10.19	2.66	36.84	36.27	35.94	36.60	36.60	36.60
1552	10.19	2.74	37.34	36.87	36.60	37.14	37.14	37.14
1553	9.57	3.22	37.71	37.22	36.94	37.50	37.50	37.50
1554	9.19	4.09	37.99	37.41	37.07	37.74	37.74	37.74
1555	9.19	5.43	38.17	37.43	37.01	37.86	37.86	37.86
1556	9.19	6.65	38.28	37.30	36.74	37.86	37.86	37.86
1557	8.98	7.60	38.30	37.10	36.41	37.78	37.78	37.78
1558	9.01	8.63	38.25	36.88	36.10	37.67	37.67	37.67
1559	9.01	9.44	38.19	36.63	35.75	37.52	37.52	37.52
1560	9.01	10.36	38.09	36.39	35.42	37.36	37.36	37.36
1561	9.27	11.60	37.99	36.13	35.06	37.19	37.19	37.19
1562	9.61	12.19	37.87	35.79	34.60	36.98	36.98	36.98
1563	9.61	12.40	37.70	35.52	34.28	36.77	36.77	36.77
1564	9.61	12.90	37.55	35.33	34.07	36.60	36.60	36.60
1565	10.64	13.56	37.43	35.13	33.82	36.44	36.44	36.44
1566	9.87	14.40	37.31	34.90	33.53	36.28	36.28	36.28
1567	9.87	15.14	37.18	34.63	33.17	36.09	36.09	36.09
1568	9.87	13.99	37.03	34.36	32.83	35.89	35.89	35.89
1569	8.89	11.07	36.84	34.37	32.96	35.78	35.78	35.78
1570	10.37	7.78	36.73	34.79	33.67	35.90	35.90	35.90

1571	10.37	5.20	36.82	35.45	34.67	36.23	36.23	36.23
1572	10.37	3.76	37.07	36.15	35.62	36.68	36.68	36.68
1573	11.07	3.35	37.39	36.72	36.34	37.11	37.11	37.11
1574	12.31	3.29	37.71	37.11	36.77	37.45	37.45	37.45
1575	12.31	3.22	37.94	37.45	37.17	37.73	37.73	37.73
1576	12.31	3.27	38.16	37.77	37.55	37.99	37.99	37.99
1577	12.91	3.94	38.38	37.93	37.68	38.19	38.19	38.19
1578	13.44	5.22	38.54	37.84	37.44	38.24	38.24	38.24
1579	13.44	5.91	38.59	37.64	37.10	38.18	38.18	38.18
1580	13.44	6.68	38.54	37.47	36.86	38.08	38.08	38.08
1581	13.92	7.54	38.50	37.29	36.60	37.98	37.98	37.98
1582	14.31	8.04	38.44	37.07	36.29	37.85	37.85	37.85
1583	14.31	8.33	38.34	36.89	36.06	37.72	37.72	37.72
1584	14.31	8.76	38.25	36.75	35.89	37.61	37.61	37.61
1585	14.56	9.03	38.18	36.60	35.70	37.50	37.50	37.50
1586	14.78	9.26	38.10	36.47	35.55	37.40	37.40	37.40
1587	14.78	9.49	38.03	36.36	35.41	37.31	37.31	37.31
1588	14.78	9.55	37.96	36.26	35.28	37.23	37.23	37.23
1589	15.21	9.60	37.89	36.18	35.20	37.16	37.16	37.16
1590	15.85	14.48	37.84	36.12	35.13	37.10	37.10	37.10
1591	15.85	13.17	37.89	35.30	33.82	36.78	36.78	36.78
1592	15.85	10.57	37.47	35.12	33.78	36.47	36.47	36.47
1593	16.50	9.71	37.28	35.40	34.33	36.47	36.47	36.47
1594	20.24	9.04	37.33	35.61	34.62	36.59	36.59	36.59
1595	20.24	8.29	37.39	35.79	34.87	36.71	36.71	36.71
1596	20.24	7.54	37.46	35.98	35.14	36.82	36.82	36.82
1597	19.18	6.89	37.54	36.19	35.42	36.96	36.96	36.96
1598	16.81	6.40	37.63	36.40	35.70	37.10	37.10	37.10
1599	16.81	6.97	37.73	36.59	35.93	37.24	37.24	37.24
1600	16.81	5.99	37.86	36.61	35.89	37.32	37.32	37.32
1601	15.18	3.99	37.87	36.80	36.18	37.41	37.41	37.41
1602	13.31	4.68	37.93	37.22	36.81	37.63	37.63	37.63
1603	13.31	5.36	38.16	37.32	36.84	37.80	37.80	37.80
1604	13.31	6.85	38.26	37.30	36.75	37.85	37.85	37.85
1605	11.59	7.57	38.32	37.08	36.37	37.79	37.79	37.79
1606	10.37	8.49	38.26	36.89	36.11	37.67	37.67	37.67
1607	10.37	9.70	38.20	36.67	35.79	37.54	37.54	37.54
1608	10.37	10.56	38.11	36.37	35.37	37.36	37.36	37.36
1609	9.65	10.87	37.98	36.08	34.99	37.16	37.16	37.16

1610	9.03	10.94	37.82	35.88	34.76	36.99	36.99	36.99
1611	9.03	10.79	37.70	35.74	34.62	36.86	36.86	36.86
1612	9.03	10.77	37.60	35.67	34.57	36.77	36.77	36.77
1613	9.35	10.68	37.53	35.61	34.52	36.71	36.71	36.71
1614	8.35	15.40	37.48	35.58	34.49	36.66	36.66	36.66
1615	8.35	13.98	37.54	34.79	33.23	36.36	36.36	36.36
1616	8.35	11.09	37.13	34.65	33.23	36.07	36.07	36.07
1617	6.90	9.41	36.94	34.99	33.87	36.10	36.10	36.10
1618	8.20	7.58	37.01	35.35	34.40	36.30	36.30	36.30
1619	8.20	5.73	37.12	35.78	35.01	36.55	36.55	36.55
1620	8.20	4.26	37.29	36.27	35.69	36.85	36.85	36.85
1621	9.15	3.09	37.51	36.75	36.32	37.18	37.18	37.18
1622	10.61	2.17	37.75	37.20	36.88	37.51	37.51	37.51
1623	10.61	1.95	37.99	37.60	37.38	37.82	37.82	37.82
1624	10.61	1.59	38.23	37.88	37.68	38.08	38.08	38.08
1625	11.37	0.49	38.42	38.15	38.00	38.30	38.30	38.30
1626	12.11	0.52	38.57	38.58	38.58	38.57	38.57	38.57
1627	12.11	1.36	38.83	38.76	38.72	38.80	38.80	38.80
1628	12.11	2.84	39.01	38.76	38.62	38.90	38.90	38.90
1629	12.80	4.23	39.10	38.58	38.28	38.87	38.87	38.87
1630	13.30	5.56	39.09	38.31	37.87	38.75	38.75	38.75
1631	13.30	6.78	39.02	38.00	37.42	38.58	38.58	38.58
1632	13.30	7.58	38.90	37.67	36.96	38.37	38.37	38.37
1633	13.62	8.15	38.76	37.38	36.59	38.17	38.17	38.17
1634	13.89	8.83	38.61	37.14	36.29	37.98	37.98	37.98
1635	13.89	9.29	38.49	36.89	35.98	37.80	37.80	37.80
1636	13.89	9.54	38.35	36.67	35.72	37.63	37.63	37.63
1637	14.20	9.73	38.22	36.51	35.52	37.49	37.49	37.49
1638	14.56	14.69	38.12	36.37	35.37	37.37	37.37	37.37
1639	14.56	13.44	38.12	35.48	33.97	36.99	36.99	36.99
1640	14.56	9.69	37.66	35.26	33.88	36.63	36.63	36.63
1641	14.92	6.74	37.40	35.68	34.69	36.66	36.66	36.66
1642	18.34	4.27	37.47	36.27	35.58	36.96	36.96	36.96
1643	18.34	2.37	37.67	36.90	36.47	37.34	37.34	37.34
1644	18.34	2.01	37.93	37.56	37.34	37.77	37.77	37.77
1645	16.78	2.22	38.22	38.30	38.35	38.26	38.26	38.26
1646	13.78	2.39	38.58	39.11	39.41	38.80	38.80	38.80
1647	13.78	2.55	38.99	39.84	40.32	39.36	39.36	39.36
1648	13.78	2.71	39.41	40.43	41.01	39.85	39.85	39.85

1649	11.91	2.35	39.79	40.88	41.50	40.26	40.26	40.26
1650	10.16	2.04	40.11	41.21	41.85	40.58	40.58	40.58
1651	10.16	1.38	40.38	41.34	41.89	40.80	40.80	40.80
1652	10.16	0.94	40.58	41.21	41.58	40.85	40.85	40.85
1653	8.63	0.97	40.64	40.96	41.14	40.77	40.77	40.77
1654	7.40	1.17	40.58	40.80	40.93	40.68	40.68	40.68
1655	7.40	1.57	40.56	40.59	40.61	40.57	40.57	40.57
1656	7.40	2.37	40.52	40.24	40.08	40.40	40.40	40.40
1657	6.39	2.83	40.38	39.94	39.69	40.20	40.20	40.20
1658	5.43	3.34	40.25	39.72	39.42	40.02	40.02	40.02
1659	5.43	3.81	40.14	39.52	39.17	39.87	39.87	39.87
1660	5.43	4.25	40.04	39.33	38.93	39.73	39.73	39.73
1661	5.60	4.47	39.94	39.15	38.70	39.60	39.60	39.60
1662	5.20	9.40	39.83	39.01	38.54	39.48	39.48	39.48
1663	5.20	8.04	39.85	38.12	37.13	39.11	39.11	39.11
1664	5.20	5.18	39.39	37.91	37.07	38.76	38.76	38.76
1665	3.94	3.94	39.17	38.22	37.68	38.76	38.76	38.76
1666	4.97	3.28	39.22	38.52	38.12	38.92	38.92	38.92
1667	4.97	2.70	39.31	38.86	38.60	39.11	39.11	39.11
1668	4.97	2.27	39.46	39.06	38.84	39.29	39.29	39.29
1669	6.29	2.07	39.56	39.30	39.15	39.45	39.45	39.45
1670	8.14	2.02	39.66	39.66	39.66	39.66	39.66	39.66
1671	8.14	2.23	39.83	40.01	40.10	39.91	39.91	39.91
1672	8.14	2.27	40.02	40.29	40.45	40.14	40.14	40.14
1673	8.79	0.94	40.20	40.43	40.56	40.30	40.30	40.30
1674	8.80	0.67	40.30	40.63	40.82	40.44	40.44	40.44
1675	8.80	0.91	40.47	40.55	40.60	40.50	40.50	40.50
1676	8.80	1.85	40.50	40.33	40.24	40.43	40.43	40.43
1677	8.69	2.44	40.45	40.11	39.91	40.30	40.30	40.30
1678	8.77	2.73	40.37	39.91	39.66	40.17	40.17	40.17
1679	8.77	3.10	40.28	39.77	39.48	40.06	40.06	40.06
1680	8.77	3.28	40.22	39.64	39.31	39.97	39.97	39.97
1681	9.06	3.51	40.15	39.54	39.19	39.89	39.89	39.89
1682	9.36	4.04	40.06	39.67	39.45	39.89	39.89	39.89
1683	9.36	4.04	40.08	39.94	39.85	40.02	40.02	40.02
1684	9.36	3.77	40.21	39.98	39.85	40.11	40.11	40.11
1685	9.62	3.61	40.27	39.83	39.58	40.08	40.08	40.08
1686	9.83	8.63	40.23	39.61	39.26	39.97	39.97	39.97
1687	9.83	8.38	40.25	38.65	37.74	39.56	39.56	39.56

1688	9.83	7.58	39.79	38.25	37.37	39.13	39.13	39.13
1689	10.02	8.27	39.53	38.14	37.34	38.93	38.93	38.93
1690	13.52	8.30	39.43	37.91	37.05	38.78	38.78	38.78
1691	13.52	8.04	39.27	37.76	36.89	38.62	38.62	38.62
1692	13.52	7.50	39.15	37.68	36.85	38.52	38.52	38.52
1693	12.21	6.41	39.06	37.70	36.92	38.48	38.48	38.48
1694	9.90	5.46	39.01	37.84	37.18	38.51	38.51	38.51
1695	9.90	5.82	39.03	38.04	37.47	38.60	38.60	38.60
1696	9.90	5.52	39.12	38.05	37.45	38.66	38.66	38.66
1697	8.72	3.98	39.12	38.11	37.54	38.69	38.69	38.69
1698	7.63	4.59	39.11	38.38	37.97	38.80	38.80	38.80
1699	7.63	5.92	39.25	38.41	37.93	38.89	38.89	38.89
1700	7.63	8.32	39.30	38.22	37.60	38.84	38.84	38.84
1701	6.62	9.73	39.28	37.76	36.89	38.62	38.62	38.62
1702	5.99	10.48	39.09	37.31	36.30	38.33	38.33	38.33
1703	5.99	11.06	38.87	36.97	35.88	38.05	38.05	38.05
1704	5.99	11.75	38.67	36.67	35.53	37.82	37.82	37.82
1705	5.83	12.58	38.50	36.38	35.17	37.59	37.59	37.59
1706	5.83	13.56	38.33	36.06	34.77	37.36	37.36	37.36
1707	5.83	14.39	38.15	35.72	34.32	37.11	37.11	37.11
1708	5.83	15.01	37.95	35.37	33.90	36.85	36.85	36.85
1709	6.32	15.59	37.74	35.06	33.53	36.59	36.59	36.59
1710	5.13	16.00	37.55	34.77	33.19	36.36	36.36	36.36
1711	5.13	20.92	37.35	34.52	32.89	36.14	36.14	36.14
1712	5.13	20.48	37.27	33.57	31.46	35.68	35.68	35.68
1713	3.18	18.07	36.76	33.16	31.10	35.22	35.22	35.22
1714	3.62	16.39	36.42	33.26	31.46	35.07	35.07	35.07
1715	3.62	14.91	36.33	33.47	31.84	35.11	35.11	35.11
1716	3.62	13.21	36.33	33.73	32.24	35.21	35.21	35.21
1717	3.94	8.65	36.37	34.06	32.74	35.38	35.38	35.38
1718	4.84	5.08	36.42	34.90	34.04	35.77	35.77	35.77
1719	4.84	5.19	36.73	35.83	35.32	36.34	36.34	36.34
1720	4.84	5.08	37.20	36.28	35.75	36.80	36.80	36.80
1721	5.08	5.23	37.47	36.57	36.05	37.09	37.09	37.09
1722	5.23	5.72	37.69	36.75	36.21	37.28	37.28	37.28
1723	5.23	7.11	37.84	36.81	36.23	37.40	37.40	37.40
1724	5.23	8.72	37.95	36.68	35.95	37.41	37.41	37.41
1725	5.33	9.86	37.96	36.40	35.50	37.29	37.29	37.29
1726	5.35	10.91	37.88	36.11	35.10	37.12	37.12	37.12

1727	5.35	11.41	37.77	35.81	34.70	36.93	36.93	36.93
1728	5.35	11.64	37.63	35.59	34.42	36.75	36.75	36.75
1729	5.32	11.81	37.50	35.43	34.24	36.61	36.61	36.61
1730	5.26	12.13	37.40	35.30	34.10	36.50	36.50	36.50
1731	5.26	12.60	37.32	35.16	33.93	36.39	36.39	36.39
1732	5.26	12.73	37.24	35.00	33.72	36.28	36.28	36.28
1733	5.24	12.86	37.14	34.88	33.59	36.17	36.17	36.17
1734	5.31	12.95	37.06	34.78	33.48	36.08	36.08	36.08
1735	5.31	12.90	36.98	34.69	33.39	36.00	36.00	36.00
1736	5.31	11.62	36.91	34.64	33.34	35.94	35.94	35.94
1737	5.37	9.50	36.84	34.79	33.61	35.96	35.96	35.96
1738	5.48	7.52	36.84	35.16	34.20	36.12	36.12	36.12
1739	5.48	5.81	36.96	35.63	34.87	36.39	36.39	36.39
1740	5.48	4.15	37.15	36.12	35.53	36.71	36.71	36.71
1741	9.25	2.92	37.38	36.64	36.21	37.06	37.06	37.06
1742	9.47	2.83	37.63	37.13	36.85	37.42	37.42	37.42
1743	9.47	3.00	37.89	37.67	37.55	37.80	37.80	37.80
1744	9.47	3.17	38.18	38.18	38.18	38.18	38.18	38.18
1745	9.37	3.15	38.48	38.55	38.58	38.51	38.51	38.51
1746	10.45	3.22	38.76	38.63	38.56	38.70	38.70	38.70
1747	10.45	3.57	38.91	38.47	38.22	38.72	38.72	38.72
1748	10.45	4.16	38.92	38.32	37.97	38.66	38.66	38.66
1749	11.80	4.70	38.91	38.15	37.71	38.58	38.58	38.58
1750	12.57	5.18	38.86	38.00	37.51	38.49	38.49	38.49
1751	12.57	5.63	38.81	37.87	37.33	38.41	38.41	38.41
1752	12.57	5.91	38.76	37.74	37.16	38.33	38.33	38.33
1753	9.99	6.51	38.71	37.63	37.02	38.25	38.25	38.25
1754	8.84	7.13	38.67	37.48	36.81	38.16	38.16	38.16
1755	8.84	7.91	38.60	37.31	36.57	38.05	38.05	38.05
1756	8.84	8.38	38.53	37.09	36.27	37.91	37.91	37.91
1757	9.60	8.34	38.42	36.91	36.04	37.77	37.77	37.77
1758	10.09	13.24	38.31	36.81	35.95	37.67	37.67	37.67
1759	10.09	11.74	38.34	35.95	34.59	37.32	37.32	37.32
1760	10.09	8.57	37.90	35.79	34.59	36.99	36.99	36.99
1761	10.50	6.77	37.69	36.16	35.28	37.03	37.03	37.03
1762	10.89	5.07	37.77	36.56	35.86	37.25	37.25	37.25
1763	10.89	3.75	37.90	36.99	36.47	37.51	37.51	37.51
1764	10.89	2.70	38.08	37.41	37.02	37.79	37.79	37.79
1765	11.20	2.05	38.28	37.79	37.51	38.07	38.07	38.07



1766	11.46	1.76	38.48	38.12	37.91	38.33	38.33	38.33
1767	11.46	2.07	38.68	38.36	38.18	38.54	38.54	38.54
1768	11.46	2.83	38.85	38.47	38.26	38.69	38.69	38.69
1769	11.84	2.61	38.96	38.45	38.15	38.74	38.74	38.74
1770	12.32	3.55	38.99	38.51	38.24	38.79	38.79	38.79
1771	12.32	5.00	39.07	38.42	38.05	38.79	38.79	38.79
1772	12.32	7.19	39.08	38.17	37.65	38.69	38.69	38.69
1773	12.79	8.60	39.03	37.72	36.97	38.47	38.47	38.47
1774	13.26	9.84	38.85	37.28	36.39	38.18	38.18	38.18
1775	13.26	10.65	38.65	36.87	35.85	37.89	37.89	37.89
1776	13.26	11.22	38.44	36.51	35.41	37.61	37.61	37.61
1777	13.72	11.54	38.24	36.22	35.06	37.37	37.37	37.37
1778	14.17	11.80	38.06	35.98	34.80	37.17	37.17	37.17
1779	14.17	12.17	37.90	35.79	34.58	36.99	36.99	36.99
1780	14.17	12.70	37.77	35.59	34.35	36.83	36.83	36.83
1781	14.60	13.27	37.64	35.38	34.08	36.67	36.67	36.67
1782	15.05	18.42	37.51	35.14	33.79	36.50	36.50	36.50
1783	15.05	17.35	37.46	34.19	32.32	36.06	36.06	36.06
1784	15.05	14.01	36.95	33.89	32.14	35.64	35.64	35.64
1785	15.48	11.21	36.66	34.19	32.79	35.60	35.60	35.60
1786	15.60	8.93	36.66	34.69	33.56	35.81	35.81	35.81
1787	15.60	7.02	36.79	35.22	34.32	36.12	36.12	36.12
1788	15.60	5.17	36.99	35.75	35.04	36.46	36.46	36.46
1789	15.28	3.82	37.22	36.31	35.78	36.83	36.83	36.83
1790	14.44	2.49	37.49	36.81	36.42	37.20	37.20	37.20
1791	14.44	2.11	37.75	37.30	37.05	37.56	37.56	37.56
1792	14.44	1.97	38.03	37.65	37.44	37.87	37.87	37.87
1793	13.44	1.00	38.26	37.90	37.70	38.11	38.11	38.11
1794	12.45	1.45	38.42	38.24	38.14	38.35	38.35	38.35
1795	12.45	2.03	38.65	38.39	38.24	38.54	38.54	38.54
1796	12.45	3.85	38.79	38.42	38.21	38.63	38.63	38.63
1797	11.54	5.48	38.90	38.20	37.80	38.60	38.60	38.60
1798	10.71	6.58	38.87	37.88	37.31	38.45	38.45	38.45
1799	10.71	7.42	38.77	37.57	36.89	38.26	38.26	38.26
1800	10.71	8.01	38.65	37.30	36.53	38.07	38.07	38.07
1801	9.97	8.70	38.52	37.07	36.24	37.90	37.90	37.90
1802	9.27	9.65	38.40	36.83	35.93	37.73	37.73	37.73
1803	9.27	10.43	38.29	36.54	35.55	37.54	37.54	37.54
1804	9.27	10.69	38.14	36.27	35.19	37.34	37.34	37.34

1805	8.93	11.09	37.98	36.06	34.97	37.16	37.16	37.16
1806	8.95	16.21	37.86	35.87	34.74	37.01	37.01	37.01
1807	8.95	15.00	37.83	34.94	33.28	36.59	36.59	36.59
1808	8.95	10.77	37.34	34.68	33.15	36.20	36.20	36.20
1809	9.15	7.04	37.05	35.15	34.06	36.24	36.24	36.24
1810	9.85	4.37	37.12	35.87	35.16	36.59	36.59	36.59
1811	9.85	2.50	37.37	36.59	36.15	37.04	37.04	37.04
1812	9.85	2.15	37.68	37.31	37.11	37.52	37.52	37.52
1813	10.64	2.33	38.00	38.15	38.23	38.06	38.06	38.06
1814	11.36	2.39	38.40	39.01	39.35	38.66	38.66	38.66
1815	11.36	2.37	38.87	39.71	40.19	39.23	39.23	39.23
1816	11.36	2.56	39.29	40.20	40.71	39.68	39.68	39.68
1817	11.86	2.26	39.63	40.60	41.15	40.04	40.04	40.04
1818	12.12	2.12	39.91	40.98	41.59	40.37	40.37	40.37
1819	12.12	1.53	40.20	41.20	41.77	40.63	40.63	40.63
1820	12.12	1.00	40.43	41.14	41.55	40.73	40.73	40.73
1821	12.35	0.88	40.53	40.89	41.10	40.68	40.68	40.68
1822	12.67	1.19	40.51	40.59	40.64	40.54	40.54	40.54
1823	12.67	1.65	40.42	40.35	40.31	40.39	40.39	40.39
1824	12.67	2.83	40.35	40.10	39.97	40.24	40.24	40.24
1825	13.11	3.94	40.27	39.74	39.44	40.04	40.04	40.04
1826	13.52	4.70	40.12	39.39	38.97	39.81	39.81	39.81
1827	13.52	5.55	39.95	39.08	38.59	39.58	39.58	39.58
1828	13.52	6.01	39.80	38.78	38.19	39.36	39.36	39.36
1829	13.71	6.26	39.64	38.53	37.90	39.16	39.16	39.16
1830	13.69	11.34	39.49	38.34	37.69	39.00	39.00	39.00
1831	13.69	10.00	39.47	37.40	36.21	38.58	38.58	38.58
1832	13.69	6.56	38.98	37.15	36.11	38.19	38.19	38.19
1833	13.66	4.34	38.71	37.52	36.84	38.20	38.20	38.20
1834	16.73	3.43	38.76	37.99	37.54	38.43	38.43	38.43
1835	16.73	2.87	38.88	38.69	38.59	38.80	38.80	38.80
1836	16.73	2.53	39.15	39.51	39.71	39.30	39.30	39.30
1837	14.88	2.52	39.53	40.15	40.50	39.80	39.80	39.80
1838	11.71	2.57	39.88	40.70	41.17	40.23	40.23	40.23
1839	11.71	2.63	40.20	41.17	41.72	40.61	40.61	40.61
1840	11.71	2.80	40.49	41.55	42.15	40.95	40.95	40.95
1841	9.59	2.36	40.75	41.87	42.51	41.23	41.23	41.23
1842	7.57	2.07	40.98	42.09	42.72	41.46	41.46	41.46
1843	7.57	1.83	41.18	42.15	42.70	41.60	41.60	41.60

1844	7.57	1.53	41.29	42.15	42.64	41.66	41.66	41.66
1845	5.73	1.27	41.37	42.08	42.49	41.68	41.68	41.68
1846	4.26	1.34	41.41	41.92	42.21	41.63	41.63	41.63
1847	4.26	1.55	41.38	41.73	41.93	41.53	41.53	41.53
1848	4.26	1.79	41.33	41.54	41.66	41.42	41.42	41.42
1849	3.09	2.09	41.28	41.25	41.23	41.27	41.27	41.27
1850	1.96	2.62	41.17	40.88	40.72	41.05	41.05	41.05
1851	1.96	3.31	40.99	40.76	40.63	40.89	40.89	40.89
1852	1.96	3.63	40.87	40.93	40.97	40.90	40.90	40.90
1853	2.15	3.82	40.92	41.04	41.10	40.97	40.97	40.97
1854	2.29	8.41	40.98	41.03	41.06	41.00	41.00	41.00
1855	2.29	7.16	41.12	39.98	39.33	40.63	40.63	40.63
1856	2.29	5.23	40.63	39.64	39.08	40.21	40.21	40.21
1857	1.44	5.15	40.32	40.22	40.17	40.28	40.28	40.28
1858	2.59	4.81	40.44	41.08	41.45	40.71	40.71	40.71
1859	2.59	4.37	40.74	42.09	42.86	41.32	41.32	41.32
1860	2.59	4.53	41.22	42.88	43.82	41.93	41.93	41.93
1861	4.35	4.88	41.64	43.49	44.55	42.44	42.44	42.44
1862	6.92	5.09	42.01	44.07	45.25	42.89	42.89	42.89
1863	6.92	4.95	42.37	44.56	45.82	43.31	43.31	43.31
1864	6.92	4.90	42.70	44.87	46.11	43.63	43.63	43.63
1865	8.43	4.63	42.95	45.11	46.34	43.88	43.88	43.88
1866	9.41	4.51	43.16	45.29	46.51	44.07	44.07	44.07
1867	9.41	4.40	43.34	45.41	46.59	44.23	44.23	44.23
1868	9.41	4.20	43.47	45.49	46.65	44.34	44.34	44.34
1869	10.30	4.37	43.59	45.51	46.61	44.41	44.41	44.41
1870	10.85	4.50	43.65	45.65	46.79	44.51	44.51	44.51
1871	10.85	4.59	43.75	45.81	46.99	44.64	44.64	44.64
1872	10.85	5.14	43.87	45.97	47.17	44.77	44.77	44.77
1873	11.08	5.78	43.96	46.29	47.62	44.96	44.96	44.96
1874	11.25	5.93	44.13	46.70	48.17	45.23	45.23	45.23
1875	11.25	5.97	44.38	46.98	48.46	45.49	45.49	45.49
1876	11.25	6.03	44.58	47.16	48.63	45.68	45.68	45.68
1877	11.38	2.85	44.73	47.29	48.76	45.83	45.83	45.83
1878	11.49	2.03	45.05	45.91	46.40	45.42	45.42	45.42
1879	11.49	7.23	44.60	44.41	44.30	44.52	44.52	44.52
1880	11.49	7.60	44.03	42.62	41.82	43.42	43.42	43.42
1881	11.58	6.26	43.11	41.65	40.82	42.49	42.49	42.49
1882	15.20	5.68	42.46	41.37	40.75	41.99	41.99	41.99

1883	15.20	5.17	42.13	41.31	40.83	41.78	41.78	41.78
1884	15.20	4.98	41.96	41.33	40.97	41.69	41.69	41.69
1885	14.23	3.47	41.85	41.51	41.31	41.70	41.70	41.70
1886	12.32	1.61	41.80	42.04	42.18	41.90	41.90	41.90
1887	12.32	1.69	41.95	42.69	43.12	42.27	42.27	42.27
1888	12.32	1.61	42.24	43.03	43.48	42.58	42.58	42.58
1889	11.22	1.40	42.43	43.18	43.61	42.75	42.75	42.75
1890	9.77	1.32	42.56	43.19	43.56	42.83	42.83	42.83
1891	9.77	1.54	42.61	43.07	43.32	42.81	42.81	42.81
1892	9.77	1.93	42.61	42.82	42.93	42.70	42.70	42.70
1893	8.36	2.64	42.54	42.38	42.28	42.47	42.47	42.47
1894	6.87	3.41	42.37	41.87	41.58	42.16	42.16	42.16
1895	6.87	3.91	42.12	41.48	41.11	41.85	41.85	41.85
1896	6.87	4.48	41.91	41.17	40.74	41.59	41.59	41.59
1897	5.34	5.19	41.72	40.88	40.39	41.36	41.36	41.36
1898	3.94	6.08	41.55	40.57	40.01	41.13	41.13	41.13
1899	3.94	7.11	41.37	40.23	39.58	40.88	40.88	40.88
1900	3.94	8.14	41.18	39.85	39.09	40.61	40.61	40.61
1901	3.77	9.20	40.97	39.45	38.58	40.32	40.32	40.32
1902	3.05	10.27	40.74	39.03	38.05	40.01	40.01	40.01
1903	3.05	10.69	40.50	38.60	37.51	39.68	39.68	39.68
1904	3.05	9.18	40.23	38.26	37.13	39.39	39.39	39.39
1905	1.49	6.86	39.96	38.28	37.31	39.24	39.24	39.24
1906	2.02	5.22	39.84	38.58	37.86	39.30	39.30	39.30
1907	2.02	3.82	39.89	38.93	38.38	39.48	39.48	39.48
1908	2.02	2.84	39.99	39.29	38.89	39.69	39.69	39.69
1909	2.64	2.18	40.13	39.61	39.31	39.91	39.91	39.91
1910	3.88	2.09	40.26	39.97	39.80	40.14	40.14	40.14
1911	3.88	1.93	40.42	40.42	40.43	40.42	40.42	40.42
1912	3.88	2.05	40.63	40.83	40.93	40.72	40.72	40.72
1913	4.57	2.15	40.85	41.16	41.34	40.98	40.98	40.98
1914	5.22	2.29	41.06	41.35	41.52	41.18	41.18	41.18
1915	5.22	2.72	41.21	41.34	41.41	41.27	41.27	41.27
1916	5.22	3.12	41.29	41.13	41.04	41.22	41.22	41.22
1917	5.82	3.58	41.26	40.82	40.57	41.07	41.07	41.07
1918	6.35	4.76	41.15	40.50	40.12	40.87	40.87	40.87
1919	6.35	5.69	41.02	40.13	39.62	40.64	40.64	40.64
1920	6.35	6.58	40.85	39.79	39.18	40.40	40.40	40.40
1921	6.80	7.45	40.68	39.46	38.76	40.16	40.16	40.16

1922	7.22	7.48	40.50	39.12	38.33	39.91	39.91	39.91
1923	7.22	7.57	40.30	38.92	38.13	39.71	39.71	39.71
1924	7.22	8.30	40.16	38.76	37.96	39.56	39.56	39.56
1925	7.56	8.75	40.05	38.52	37.65	39.39	39.39	39.39
1926	7.76	13.86	39.91	38.30	37.38	39.22	39.22	39.22
1927	7.76	12.05	39.87	37.32	35.87	38.78	38.78	38.78
1928	7.76	7.44	39.33	37.13	35.88	38.39	38.39	38.39
1929	7.93	5.09	39.06	37.71	36.93	38.48	38.48	38.48
1930	11.61	3.50	39.19	38.27	37.74	38.80	38.80	38.80
1931	11.61	2.81	39.38	38.85	38.54	39.15	39.15	39.15
1932	11.61	2.45	39.60	39.62	39.63	39.61	39.61	39.61
1933	10.56	2.34	39.94	40.37	40.62	40.12	40.12	40.12
1934	8.52	2.35	40.33	40.93	41.28	40.59	40.59	40.59
1935	8.52	2.30	40.65	41.41	41.84	40.98	40.98	40.98
1936	8.52	2.24	40.95	41.76	42.23	41.30	41.30	41.30
1937	7.69	1.75	41.21	41.98	42.42	41.54	41.54	41.54
1938	6.98	1.46	41.38	42.20	42.66	41.73	41.73	41.73
1939	6.98	0.99	41.56	42.24	42.63	41.85	41.85	41.85
1940	6.98	0.59	41.68	42.04	42.25	41.84	41.84	41.84
1941	6.39	1.24	41.68	41.72	41.74	41.70	41.70	41.70
1942	5.98	2.50	41.59	41.36	41.22	41.49	41.49	41.49
1943	5.98	3.30	41.46	40.99	40.72	41.25	41.25	41.25
1944	5.98	4.79	41.29	40.67	40.32	41.02	41.02	41.02
1945	5.72	6.57	41.15	40.25	39.74	40.77	40.77	40.77
1946	5.55	7.16	40.96	39.74	39.04	40.44	40.44	40.44
1947	5.55	7.66	40.70	39.36	38.60	40.13	40.13	40.13
1948	5.55	8.28	40.48	39.06	38.24	39.87	39.87	39.87
1949	6.29	8.90	40.29	38.76	37.88	39.63	39.63	39.63
1950	5.89	13.96	40.10	38.46	37.52	39.40	39.40	39.40
1951	5.89	11.93	40.02	37.45	35.98	38.92	38.92	38.92
1952	5.89	7.53	39.45	37.27	36.02	38.52	38.52	38.52
1953	4.75	4.52	39.17	37.80	37.02	38.59	38.59	38.59
1954	5.95	2.41	39.27	38.44	37.97	38.92	38.92	38.92
1955	5.95	2.35	39.46	39.27	39.16	39.38	39.38	39.38
1956	5.95	2.44	39.78	40.19	40.42	39.96	39.96	39.96
1957	6.85	2.65	40.22	40.96	41.38	40.53	40.53	40.53
1958	8.28	2.87	40.62	41.62	42.19	41.05	41.05	41.05
1959	8.28	2.97	41.00	42.16	42.82	41.50	41.50	41.50
1960	8.28	3.08	41.34	42.58	43.29	41.87	41.87	41.87

1961	9.00	2.84	41.63	42.95	43.70	42.19	42.19	42.19
1962	9.56	2.62	41.89	43.21	43.97	42.46	42.46	42.46
1963	9.56	2.00	42.11	43.33	44.03	42.64	42.64	42.64
1964	9.56	1.32	42.28	43.21	43.74	42.68	42.68	42.68
1965	10.07	1.12	42.33	42.94	43.28	42.59	42.59	42.59
1966	10.48	1.27	42.27	42.71	42.97	42.46	42.46	42.46
1967	10.48	1.38	42.19	42.61	42.84	42.37	42.37	42.37
1968	10.48	1.43	42.16	42.50	42.70	42.30	42.30	42.30
1969	10.73	1.64	42.14	42.27	42.34	42.19	42.19	42.19
1970	10.95	2.04	42.05	41.99	41.96	42.03	42.03	42.03
1971	10.95	2.50	41.93	41.75	41.64	41.85	41.85	41.85
1972	10.95	2.83	41.80	41.68	41.61	41.75	41.75	41.75
1973	11.17	2.94	41.73	41.70	41.69	41.72	41.72	41.72
1974	11.37	7.72	41.73	41.63	41.57	41.69	41.69	41.69
1975	11.37	6.52	41.80	40.74	40.14	41.34	41.34	41.34
1976	11.37	4.03	41.36	40.48	39.98	40.98	40.98	40.98
1977	11.56	3.32	41.14	40.64	40.35	40.93	40.93	40.93
1978	15.23	3.06	41.17	40.59	40.27	40.92	40.92	40.92
1979	15.23	2.44	41.12	40.55	40.22	40.88	40.88	40.88
1980	15.23	1.99	41.05	40.74	40.56	40.91	40.91	40.91
1981	14.26	1.79	41.10	40.94	40.84	41.03	41.03	41.03
1982	12.36	1.76	41.18	41.09	41.04	41.14	41.14	41.14
1983	12.36	1.73	41.24	41.28	41.30	41.26	41.26	41.26
1984	12.36	1.91	41.33	41.42	41.46	41.37	41.37	41.37
1985	11.59	0.98	41.41	41.57	41.67	41.48	41.48	41.48
1986	10.87	0.95	41.48	41.83	42.03	41.63	41.63	41.63
1987	10.87	0.78	41.62	41.93	42.10	41.75	41.75	41.75
1988	10.87	0.91	41.71	41.87	41.96	41.78	41.78	41.78
1989	10.30	1.45	41.73	41.77	41.80	41.75	41.75	41.75
1990	9.82	2.09	41.72	41.61	41.55	41.67	41.67	41.67
1991	9.82	2.55	41.67	41.36	41.19	41.54	41.54	41.54
1992	9.82	2.88	41.57	41.17	40.95	41.40	41.40	41.40
1993	9.51	3.19	41.46	41.09	40.87	41.30	41.30	41.30
1994	9.37	3.61	41.39	41.14	41.00	41.28	41.28	41.28
1995	9.37	3.75	41.38	41.26	41.19	41.33	41.33	41.33
1996	9.37	4.08	41.43	41.24	41.12	41.35	41.35	41.35
1997	9.92	4.39	41.42	41.26	41.17	41.35	41.35	41.35
1998	8.70	9.05	41.43	41.32	41.26	41.38	41.38	41.38
1999	8.70	7.60	41.57	40.44	39.79	41.09	41.09	41.09

2000	8.70	5.31	41.16	40.16	39.59	40.73	40.73	40.73
2001	7.17	4.74	40.91	40.54	40.32	40.75	40.75	40.75
2002	8.32	4.51	40.99	40.97	40.95	40.98	40.98	40.98
2003	8.32	4.79	41.12	41.60	41.87	41.32	41.32	41.32
2004	8.32	5.40	41.33	42.63	43.37	41.89	41.89	41.89
2005	8.93	5.82	41.76	43.84	45.03	42.65	42.65	42.65
2006	10.09	6.07	42.36	44.82	46.22	43.41	43.41	43.41
2007	10.09	5.87	42.91	45.54	47.04	44.04	44.04	44.04
2008	10.09	5.72	43.40	45.96	47.43	44.50	44.50	44.50
2009	10.74	5.60	43.74	46.25	47.69	44.82	44.82	44.82
2010	11.51	5.32	43.99	46.55	48.01	45.09	45.09	45.09
2011	11.51	4.97	44.25	46.68	48.07	45.29	45.29	45.29
2012	11.51	4.92	44.43	46.69	47.99	45.40	45.40	45.40
2013	12.26	4.97	44.52	46.76	48.04	45.48	45.48	45.48
2014	12.79	5.03	44.62	46.87	48.16	45.58	45.58	45.58
2015	12.79	5.08	44.72	47.01	48.31	45.70	45.70	45.70
2016	12.79	4.26	44.84	47.08	48.36	45.80	45.80	45.80
2017	13.08	3.26	44.98	46.78	47.81	45.75	45.75	45.75
2018	13.32	3.26	44.95	46.20	46.92	45.49	45.49	45.49
2019	13.32	3.80	44.73	45.81	46.42	45.19	45.19	45.19
2020	13.32	4.27	44.54	45.61	46.22	45.00	45.00	45.00
2021	13.44	4.75	44.43	45.48	46.08	44.88	44.88	44.88
2022	13.43	9.67	44.33	45.49	46.15	44.83	44.83	44.83
2023	13.43	8.40	44.41	44.77	44.98	44.56	44.56	44.56
2024	13.43	6.26	44.05	44.63	44.97	44.30	44.30	44.30
2025	13.38	5.77	43.87	45.12	45.83	44.40	44.40	44.40
2026	16.71	5.72	44.01	45.61	46.52	44.70	44.70	44.70
2027	16.71	5.76	44.20	46.19	47.32	45.05	45.05	45.05
2028	16.71	5.93	44.46	46.75	48.06	45.44	45.44	45.44
2029	15.43	4.36	44.75	47.24	48.66	45.82	45.82	45.82
2030	13.13	3.04	45.13	46.93	47.97	45.90	45.90	45.90
2031	13.13	2.84	45.13	46.38	47.09	45.67	45.67	45.67
2032	13.13	2.67	44.93	46.11	46.79	45.43	45.43	45.43
2033	11.76	1.89	44.81	45.92	46.56	45.29	45.29	45.29
2034	10.25	1.09	44.74	45.60	46.09	45.11	45.11	45.11
2035	10.25	0.61	44.62	45.08	45.34	44.82	44.82	44.82
2036	10.25	1.23	44.41	44.43	44.44	44.42	44.42	44.42
2037	8.97	2.05	44.10	43.86	43.72	44.00	44.00	44.00
2038	8.25	2.77	43.79	43.39	43.17	43.62	43.62	43.62

2039	8.25	3.74	43.52	42.98	42.68	43.29	43.29	43.29
2040	8.25	4.73	43.27	42.56	42.15	42.97	42.97	42.97
2041	8.05	5.33	43.02	42.12	41.60	42.63	42.63	42.63
2042	7.85	6.21	42.76	41.74	41.16	42.32	42.32	42.32
2043	7.85	7.06	42.52	41.34	40.67	42.02	42.02	42.02
2044	7.85	7.40	42.28	40.94	40.17	41.70	41.70	41.70
2045	8.23	7.82	42.02	40.62	39.82	41.42	41.42	41.42
2046	7.25	8.88	41.80	40.33	39.49	41.17	41.17	41.17
2047	7.25	14.08	41.61	39.94	38.99	40.89	40.89	40.89
2048	7.25	12.53	41.46	38.83	37.33	40.34	40.34	40.34
2049	5.64	8.48	40.84	38.51	37.18	39.85	39.85	39.85
2050	6.62	5.88	40.49	38.92	38.02	39.81	39.81	39.81
2051	6.62	5.35	40.48	39.60	39.10	40.10	40.10	40.10
2052	6.62	4.86	40.67	40.33	40.13	40.53	40.53	40.53
2053	7.43	3.42	40.96	40.95	40.94	40.96	40.96	40.96
2054	8.72	2.05	41.22	41.67	41.93	41.42	41.42	41.42
2055	8.72	2.38	41.54	42.50	43.05	41.95	41.95	41.95
2056	8.72	2.47	41.97	43.08	43.72	42.45	42.45	42.45
2057	9.38	2.39	42.33	43.47	44.13	42.82	42.82	42.82
2058	10.03	2.08	42.60	43.71	44.34	43.08	43.08	43.08
2059	10.03	1.62	42.81	43.77	44.32	43.22	43.22	43.22
2060	10.03	1.48	42.94	43.64	44.04	43.24	43.24	43.24
2061	10.63	1.65	42.97	43.35	43.56	43.13	43.13	43.13
2062	11.17	2.03	42.92	42.87	42.83	42.90	42.90	42.90
2063	11.17	2.64	42.75	42.36	42.14	42.58	42.58	42.58
2064	11.17	3.13	42.51	42.01	41.73	42.30	42.30	42.30
2065	11.70	4.19	42.33	41.73	41.39	42.07	42.07	42.07
2066	12.20	5.44	42.18	41.38	40.93	41.84	41.84	41.84
2067	12.20	5.87	42.00	40.97	40.38	41.56	41.56	41.56
2068	12.20	5.95	41.77	40.67	40.03	41.30	41.30	41.30
2069	12.55	5.45	41.58	40.46	39.82	41.10	41.10	41.10
2070	12.78	4.99	41.41	40.39	39.80	40.97	40.97	40.97
2071	12.78	4.95	41.32	40.38	39.85	40.92	40.92	40.92
2072	12.78	4.56	41.27	40.34	39.81	40.87	40.87	40.87
2073	12.99	5.09	41.21	40.36	39.87	40.84	40.84	40.84
2074	12.94	5.90	41.20	40.25	39.70	40.79	40.79	40.79
2075	12.94	5.93	41.15	40.04	39.41	40.67	40.67	40.67
2076	12.94	5.89	41.03	39.92	39.29	40.56	40.56	40.56
2077	15.75	5.44	40.94	39.85	39.22	40.47	40.47	40.47



2078	14.40	4.90	40.87	39.85	39.28	40.43	40.43	40.43
2079	14.40	4.55	40.83	39.92	39.40	40.44	40.44	40.44
2080	14.40	4.48	40.83	39.98	39.50	40.47	40.47	40.47
2081	12.17	4.71	40.84	40.01	39.53	40.49	40.49	40.49
2082	10.39	5.01	40.85	39.97	39.47	40.48	40.48	40.48
2083	10.39	5.21	40.84	39.90	39.37	40.44	40.44	40.44
2084	10.39	5.56	40.80	39.83	39.27	40.38	40.38	40.38
2085	8.90	5.67	40.76	39.72	39.13	40.31	40.31	40.31
2086	7.63	5.56	40.70	39.64	39.04	40.25	40.25	40.25
2087	7.63	5.58	40.64	39.61	39.02	40.20	40.20	40.20
2088	7.63	5.46	40.60	39.57	38.98	40.16	40.16	40.16
2089	4.40	5.14	40.57	39.55	38.98	40.13	40.13	40.13
2090	1.27	4.89	40.54	39.58	39.04	40.13	40.13	40.13
2091	1.27	4.86	40.53	39.68	39.20	40.16	40.16	40.16
2092	1.27	4.94	40.55	39.81	39.39	40.23	40.23	40.23
2093	1.19	5.05	40.60	39.92	39.53	40.31	40.31	40.31
2094	1.60	9.79	40.64	40.02	39.66	40.38	40.38	40.38
2095	1.60	8.20	40.80	39.27	38.39	40.14	40.14	40.14
2096	1.60	5.64	40.44	39.17	38.45	39.90	39.90	39.90
2097	2.11	4.99	40.27	39.73	39.42	40.04	40.04	40.04
2098	3.12	4.71	40.44	40.34	40.29	40.40	40.40	40.40
2099	3.12	4.80	40.66	41.16	41.44	40.87	40.87	40.87
2100	3.12	5.04	40.99	42.23	42.94	41.52	41.52	41.52
2101	4.27	4.67	41.47	43.37	44.46	42.29	42.29	42.29
2102	5.34	3.82	42.10	44.02	45.11	42.92	42.92	42.92
2103	5.34	3.90	42.58	44.15	45.04	43.25	43.25	43.25
2104	5.34	3.48	42.76	44.41	45.36	43.47	43.47	43.47
2105	6.21	2.79	43.01	44.49	45.34	43.64	43.64	43.64
2106	6.88	2.48	43.15	44.44	45.17	43.70	43.70	43.70
2107	6.88	2.02	43.22	44.36	45.01	43.71	43.71	43.71
2108	6.88	1.29	43.26	44.19	44.72	43.65	43.65	43.65
2109	7.51	0.72	43.26	43.83	44.15	43.50	43.50	43.50
2110	7.72	2.00	43.18	43.20	43.21	43.19	43.19	43.19
2111	7.72	3.39	42.94	42.55	42.34	42.77	42.77	42.77
2112	7.72	4.84	42.64	42.00	41.63	42.37	42.37	42.37
2113	7.51	5.94	42.37	41.45	40.92	41.97	41.97	41.97
2114	7.23	6.59	42.08	40.95	40.31	41.59	41.59	41.59
2115	7.23	6.98	41.79	40.55	39.84	41.26	41.26	41.26
2116	7.23	7.28	41.54	40.22	39.47	40.97	40.97	40.97

2117	6.95	7.54	41.32	39.95	39.17	40.73	40.73	40.73
2118	6.61	12.37	41.13	39.72	38.92	40.53	40.53	40.53
2119	6.61	11.38	41.06	38.75	37.44	40.07	40.07	40.07
2120	6.61	8.83	40.53	38.43	37.22	39.63	39.63	39.63
2121	6.26	7.15	40.23	38.60	37.67	39.53	39.53	39.53
2122	5.88	5.31	40.18	38.86	38.11	39.61	39.61	39.61
2123	5.88	3.26	40.20	39.22	38.66	39.78	39.78	39.78
2124	5.88	1.70	40.30	39.69	39.35	40.04	40.04	40.04
2125	5.31	1.64	40.47	40.22	40.08	40.36	40.36	40.36
2126	4.36	1.68	40.70	40.69	40.69	40.69	40.69	40.69
2127	4.36	1.70	40.93	41.11	41.22	41.01	41.01	41.01
2128	4.36	1.77	41.16	41.44	41.60	41.28	41.28	41.28
2129	3.18	0.99	41.37	41.63	41.78	41.48	41.48	41.48
2130	1.74	0.90	41.50	41.87	42.08	41.66	41.66	41.66
2131	1.74	0.66	41.66	41.95	42.11	41.79	41.79	41.79
2132	1.74	1.63	41.78	41.79	41.80	41.78	41.78	41.78
2133	0.20	2.92	41.78	41.47	41.30	41.65	41.65	41.65
2134	-0.85	3.83	41.68	41.13	40.82	41.45	41.45	41.45
2135	-0.85	4.89	41.54	40.82	40.41	41.23	41.23	41.23
2136	-0.85	5.85	41.40	40.49	39.96	41.01	41.01	41.01
2137	-1.36	6.26	41.24	40.14	39.52	40.77	40.77	40.77
2138	-1.77	7.06	41.06	39.89	39.22	40.55	40.55	40.55
2139	-1.77	8.34	40.91	39.59	38.84	40.35	40.35	40.35
2140	-1.77	9.33	40.76	39.21	38.32	40.09	40.09	40.09
2141	-1.17	9.81	40.55	38.82	37.83	39.81	39.81	39.81
2142	0.59	14.84	40.33	38.52	37.48	39.55	39.55	39.55
2143	0.59	13.76	40.23	37.50	35.94	39.06	39.06	39.06
2144	0.59	9.52	39.68	37.16	35.72	38.60	38.60	38.60
2145	2.46	6.37	39.33	37.60	36.61	38.59	38.59	38.59
2146	3.89	3.76	39.37	38.21	37.54	38.87	38.87	38.87
2147	3.89	1.79	39.55	38.86	38.47	39.26	39.26	39.26
2148	3.89	1.61	39.80	39.52	39.36	39.68	39.68	39.68
2149	4.94	1.49	40.11	40.06	40.03	40.09	40.09	40.09
2150	5.92	1.32	40.40	40.47	40.51	40.43	40.43	40.43
2151	5.92	1.33	40.66	40.66	40.66	40.66	40.66	40.66
2152	5.92	1.45	40.81	40.81	40.81	40.81	40.81	40.81
2153	6.76	0.65	40.93	40.95	40.96	40.94	40.94	40.94
2154	7.45	0.57	41.03	41.15	41.22	41.08	41.08	41.08
2155	7.45	0.84	41.17	41.21	41.23	41.19	41.19	41.19

2156	7.45	1.84	41.26	41.11	41.03	41.19	41.19	41.19
2157	8.12	2.53	41.27	40.92	40.72	41.12	41.12	41.12
2158	8.71	3.20	41.22	40.74	40.47	41.01	41.01	41.01
2159	8.71	3.51	41.15	40.55	40.21	40.89	40.89	40.89
2160	8.71	3.65	41.07	40.41	40.03	40.78	40.78	40.78
2161	9.24	3.26	40.99	40.31	39.92	40.70	40.70	40.70
2162	9.75	3.05	40.92	40.32	39.97	40.66	40.66	40.66
2163	9.75	3.24	40.89	40.47	40.23	40.71	40.71	40.71
2164	9.75	3.30	40.93	40.64	40.48	40.81	40.81	40.81
2165	10.24	3.23	41.02	40.73	40.56	40.89	40.89	40.89
2166	10.70	8.72	41.09	40.60	40.33	40.88	40.88	40.88
2167	10.70	8.51	41.18	39.55	38.61	40.48	40.48	40.48
2168	10.70	6.24	40.69	39.11	38.20	40.01	40.01	40.01
2169	11.13	5.64	40.38	39.22	38.56	39.89	39.89	39.89
2170	11.20	4.91	40.35	39.31	38.72	39.91	39.91	39.91
2171	11.20	3.92	40.34	39.43	38.91	39.95	39.95	39.95
2172	11.20	3.03	40.35	39.63	39.21	40.04	40.04	40.04
2173	9.04	2.27	40.41	39.85	39.53	40.17	40.17	40.17
2174	6.92	1.56	40.50	40.08	39.84	40.32	40.32	40.32
2175	6.92	1.50	40.61	40.32	40.16	40.48	40.48	40.48
2176	6.92	1.60	40.72	40.56	40.47	40.65	40.65	40.65
2177	5.62	0.55	40.85	40.74	40.67	40.80	40.80	40.80
2178	4.35	0.53	40.94	40.99	41.02	40.96	40.96	40.96
2179	4.35	0.62	41.09	41.11	41.11	41.10	41.10	41.10
2180	4.35	1.64	41.20	41.10	41.04	41.15	41.15	41.15
2181	3.27	2.95	41.25	40.94	40.76	41.12	41.12	41.12
2182	2.59	4.33	41.23	40.67	40.36	40.99	40.99	40.99
2183	2.59	5.54	41.14	40.33	39.87	40.79	40.79	40.79
2184	2.59	6.67	41.00	39.96	39.37	40.56	40.56	40.56
2185	2.18	7.59	40.83	39.59	38.88	40.30	40.30	40.30
2186	1.78	8.28	40.65	39.24	38.43	40.04	40.04	40.04
2187	1.78	8.92	40.45	38.92	38.04	39.80	39.80	39.80
2188	1.78	9.58	40.27	38.62	37.68	39.56	39.56	39.56
2189	1.72	10.28	40.09	38.33	37.32	39.34	39.34	39.34
2190	2.27	15.58	39.92	38.03	36.95	39.11	39.11	39.11
2191	2.27	13.86	39.84	36.98	35.35	38.61	38.61	38.61
2192	2.27	9.34	39.26	36.74	35.29	38.18	38.18	38.18
2193	2.99	6.55	38.95	37.26	36.29	38.23	38.23	38.23
2194	4.22	4.35	39.04	37.85	37.17	38.53	38.53	38.53

2195	4.22	2.73	39.24	38.44	37.99	38.90	38.90	38.90
2196	4.22	1.71	39.48	38.98	38.70	39.27	39.27	39.27
2197	5.08	1.65	39.73	39.48	39.33	39.62	39.62	39.62
2198	6.56	1.67	39.98	39.97	39.97	39.98	39.98	39.98
2199	6.56	1.77	40.24	40.43	40.53	40.32	40.32	40.32
2200	6.56	1.88	40.49	40.86	41.06	40.65	40.65	40.65
2201	7.11	1.24	40.75	41.19	41.44	40.94	40.94	40.94
2202	7.38	1.27	40.96	41.52	41.84	41.20	41.20	41.20
2203	7.38	1.03	41.18	41.74	42.06	41.42	41.42	41.42
2204	7.38	0.63	41.37	41.74	41.95	41.53	41.53	41.53
2205	7.61	1.95	41.48	41.47	41.47	41.48	41.48	41.48
2206	7.85	3.08	41.44	41.08	40.87	41.29	41.29	41.29
2207	7.85	3.57	41.31	40.73	40.40	41.06	41.06	41.06
2208	7.85	3.92	41.15	40.48	40.10	40.86	40.86	40.86
2209	8.10	4.15	41.02	40.29	39.87	40.71	40.71	40.71
2210	8.34	4.32	40.92	40.14	39.70	40.59	40.59	40.59
2211	8.34	4.43	40.83	40.02	39.56	40.48	40.48	40.48
2212	8.34	4.62	40.75	39.93	39.46	40.40	40.40	40.40
2213	8.47	4.91	40.69	39.83	39.34	40.32	40.32	40.32
2214	8.45	5.20	40.63	39.72	39.20	40.24	40.24	40.24
2215	8.45	9.37	40.57	39.60	39.05	40.15	40.15	40.15
2216	8.45	8.47	40.58	38.84	37.85	39.84	39.84	39.84
2217	8.41	7.09	40.19	38.64	37.76	39.53	39.53	39.53
2218	11.82	6.38	39.99	38.92	38.32	39.53	39.53	39.53
2219	11.82	6.00	40.00	39.44	39.11	39.76	39.76	39.76
2220	11.82	5.80	40.16	40.09	40.05	40.13	40.13	40.13
2221	10.42	4.44	40.42	40.81	41.03	40.59	40.59	40.59
2222	7.97	2.73	40.73	41.63	42.14	41.12	41.12	41.12
2223	7.97	2.84	41.13	42.41	43.15	41.68	41.68	41.68
2224	7.97	2.85	41.58	42.91	43.66	42.15	42.15	42.15
2225	6.41	2.76	41.91	43.24	44.00	42.48	42.48	42.48
2226	4.63	2.67	42.18	43.46	44.19	42.73	42.73	42.73
2227	4.63	2.38	42.37	43.61	44.32	42.90	42.90	42.90
2228	4.63	1.99	42.54	43.61	44.23	43.00	43.00	43.00
2229	3.02	1.81	42.64	43.42	43.87	42.98	42.98	42.98
2230	1.77	2.05	42.65	43.09	43.34	42.84	42.84	42.84
2231	1.77	2.33	42.57	42.60	42.62	42.58	42.58	42.58
2232	1.77	3.64	42.40	42.03	41.82	42.24	42.24	42.24
2233	0.92	4.73	42.16	41.47	41.07	41.86	41.86	41.86

2234	0.22	5.26	41.89	40.99	40.48	41.50	41.50	41.50
2235	0.22	5.72	41.63	40.63	40.07	41.20	41.20	41.20
2236	0.22	6.21	41.41	40.33	39.72	40.95	40.95	40.95
2237	0.45	6.71	41.22	40.06	39.39	40.72	40.72	40.72
2238	0.45	7.20	41.05	39.79	39.07	40.51	40.51	40.51
2239	0.45	7.33	40.88	39.54	38.77	40.30	40.30	40.30
2240	0.45	7.12	40.71	39.35	38.57	40.12	40.12	40.12
2241	-0.48	6.88	40.56	39.24	38.49	40.00	40.00	40.00
2242	0.36	6.75	40.46	39.19	38.46	39.91	39.91	39.91
2243	0.36	6.81	40.39	39.14	38.43	39.85	39.85	39.85
2244	0.36	6.95	40.33	39.07	38.35	39.79	39.79	39.79
2245	1.63	7.05	40.27	38.99	38.25	39.72	39.72	39.72
2246	3.57	7.10	40.21	38.91	38.16	39.65	39.65	39.65
2247	3.57	7.28	40.15	38.84	38.09	39.59	39.59	39.59
2248	3.57	7.44	40.09	38.75	37.98	39.52	39.52	39.52
2249	4.74	7.55	40.03	38.66	37.88	39.44	39.44	39.44
2250	5.19	7.76	39.97	38.58	37.78	39.37	39.37	39.37
2251	5.19	8.17	39.91	38.48	37.66	39.30	39.30	39.30
2252	5.19	8.72	39.85	38.35	37.49	39.20	39.20	39.20
2253	5.51	9.21	39.77	38.17	37.26	39.09	39.09	39.09
2254	5.65	9.72	39.68	37.99	37.02	38.95	38.95	38.95
2255	5.65	10.30	39.57	37.79	36.77	38.81	38.81	38.81
2256	5.65	10.88	39.46	37.58	36.50	38.65	38.65	38.65
2257	5.67	11.40	39.33	37.35	36.22	38.48	38.48	38.48
2258	5.64	11.85	39.20	37.13	35.94	38.31	38.31	38.31
2259	5.64	12.30	39.06	36.91	35.68	38.14	38.14	38.14
2260	5.64	12.71	38.93	36.70	35.42	37.97	37.97	37.97
2261	5.62	13.03	38.79	36.49	35.18	37.80	37.80	37.80
2262	5.64	18.07	38.65	36.30	34.96	37.65	37.65	37.65
2263	5.64	16.41	38.62	35.37	33.50	37.23	37.23	37.23
2264	5.64	12.52	38.11	35.17	33.49	36.85	36.85	36.85
2265	5.65	10.28	37.85	35.61	34.34	36.89	36.89	36.89
2266	9.33	8.01	37.93	36.09	35.04	37.14	37.14	37.14
2267	9.33	5.72	38.07	36.63	35.81	37.45	37.45	37.45
2268	9.33	3.56	38.27	37.24	36.65	37.83	37.83	37.83
2269	8.40	2.17	38.53	37.88	37.52	38.25	38.25	38.25
2270	6.41	1.67	38.84	38.45	38.22	38.67	38.67	38.67
2271	6.41	1.53	39.15	38.85	38.67	39.02	39.02	39.02
2272	6.41	1.80	39.41	39.12	38.96	39.28	39.28	39.28

2273	5.02	1.27	39.61	39.28	39.09	39.47	39.47	39.47
2274	3.10	1.90	39.73	39.50	39.37	39.63	39.63	39.63
2275	3.10	2.64	39.90	39.55	39.35	39.75	39.75	39.75
2276	3.10	4.11	39.99	39.50	39.22	39.78	39.78	39.78
2277	1.19	5.52	40.04	39.28	38.85	39.71	39.71	39.71
2278	-0.12	6.65	39.99	38.98	38.39	39.56	39.56	39.56
2279	-0.12	7.59	39.89	38.66	37.96	39.36	39.36	39.36
2280	-0.12	8.46	39.75	38.36	37.56	39.16	39.16	39.16
2281	-0.68	9.36	39.61	38.06	37.17	38.95	38.95	38.95
2282	-1.13	10.35	39.46	37.75	36.77	38.73	38.73	38.73
2283	-1.13	11.32	39.30	37.42	36.34	38.49	38.49	38.49
2284	-1.13	11.89	39.13	37.07	35.89	38.25	38.25	38.25
2285	-0.66	12.04	38.93	36.78	35.54	38.01	38.01	38.01
2286	0.11	16.80	38.75	36.57	35.32	37.82	37.82	37.82
2287	0.11	14.88	38.70	35.67	33.93	37.40	37.40	37.40
2288	0.11	10.82	38.19	35.52	33.99	37.05	37.05	37.05
2289	-0.09	8.28	37.95	36.02	34.91	37.12	37.12	37.12
2290	0.71	6.16	38.05	36.57	35.72	37.42	37.42	37.42
2291	0.71	4.44	38.24	37.13	36.50	37.76	37.76	37.76
2292	0.71	2.89	38.47	37.67	37.21	38.13	38.13	38.13
2293	1.61	1.81	38.72	38.19	37.90	38.49	38.49	38.49
2294	3.14	1.60	38.99	38.67	38.48	38.85	38.85	38.85
2295	3.14	1.79	39.24	39.10	39.01	39.18	39.18	39.18
2296	3.14	1.84	39.49	39.48	39.47	39.49	39.49	39.49
2297	4.37	0.71	39.73	39.75	39.77	39.74	39.74	39.74
2298	5.34	0.67	39.91	40.08	40.17	39.98	39.98	39.98
2299	5.34	0.59	40.13	40.24	40.31	40.18	40.18	40.18
2300	5.34	1.67	40.29	40.24	40.21	40.27	40.27	40.27
2301	6.24	3.27	40.38	40.07	39.89	40.24	40.24	40.24
2302	6.92	4.73	40.37	39.77	39.42	40.11	40.11	40.11
2303	6.92	5.78	40.29	39.41	38.91	39.91	39.91	39.91
2304	6.92	6.71	40.15	39.08	38.47	39.69	39.69	39.69
2305	7.43	7.77	40.00	38.76	38.06	39.47	39.47	39.47
2306	7.89	8.99	39.85	38.42	37.61	39.24	39.24	39.24
2307	7.89	10.20	39.69	38.04	37.10	38.98	38.98	38.98
2308	7.89	11.24	39.50	37.63	36.57	38.70	38.70	38.70
2309	8.33	12.11	39.29	37.23	36.06	38.41	38.41	38.41
2310	8.74	17.63	39.06	36.86	35.60	38.12	38.12	38.12
2311	8.74	15.38	38.95	35.75	33.93	37.58	37.58	37.58

2312	8.74	9.61	38.33	35.56	33.98	37.14	37.14	37.14
2313	9.15	5.38	38.01	36.28	35.30	37.27	37.27	37.27
2314	12.80	2.63	38.16	37.19	36.64	37.75	37.75	37.75
2315	12.80	2.18	38.48	38.13	37.93	38.33	38.33	38.33
2316	12.80	2.29	38.89	39.02	39.10	38.95	38.95	38.95
2317	11.66	2.39	39.32	39.86	40.17	39.55	39.55	39.55
2318	9.39	2.50	39.77	40.59	41.06	40.12	40.12	40.12
2319	9.39	2.69	40.19	41.16	41.72	40.61	40.61	40.61
2320	9.39	2.70	40.56	41.66	42.30	41.03	41.03	41.03
2321	8.14	2.37	40.89	42.04	42.69	41.38	41.38	41.38
2322	6.94	2.22	41.18	42.28	42.92	41.65	41.65	41.65
2323	6.94	1.77	41.40	42.44	43.03	41.84	41.84	41.84
2324	6.94	1.10	41.58	42.40	42.88	41.93	41.93	41.93
2325	5.87	0.66	41.68	42.13	42.39	41.88	41.88	41.88
2326	4.95	1.31	41.66	41.70	41.72	41.68	41.68	41.68
2327	4.95	2.13	41.52	41.28	41.14	41.42	41.42	41.42
2328	4.95	3.10	41.35	40.95	40.72	41.18	41.18	41.18
2329	4.17	3.85	41.20	40.62	40.29	40.95	40.95	40.95
2330	3.46	4.37	41.05	40.32	39.91	40.74	40.74	40.74
2331	3.46	4.81	40.89	40.07	39.61	40.54	40.54	40.54
2332	3.46	5.20	40.75	39.85	39.34	40.36	40.36	40.36
2333	3.74	5.53	40.62	39.65	39.10	40.20	40.20	40.20
2334	3.40	10.39	40.50	39.47	38.89	40.06	40.06	40.06
2335	3.40	8.45	40.48	38.56	37.46	39.66	39.66	39.66
2336	3.40	4.44	39.99	38.43	37.54	39.32	39.32	39.32
2337	2.10	3.38	39.76	39.03	38.61	39.45	39.45	39.45
2338	2.84	2.79	39.90	39.81	39.76	39.86	39.86	39.86
2339	2.84	2.72	40.19	40.64	40.90	40.38	40.38	40.38
2340	2.84	3.01	40.56	41.39	41.86	40.91	40.91	40.91
2341	4.00	3.33	40.94	42.08	42.74	41.43	41.43	41.43
2342	5.88	3.58	41.32	42.67	43.44	41.90	41.90	41.90
2343	5.88	3.85	41.67	43.18	44.04	42.32	42.32	42.32
2344	5.88	3.84	41.99	43.65	44.61	42.70	42.70	42.70
2345	6.95	3.48	42.30	43.98	44.94	43.02	43.02	43.02
2346	7.69	3.32	42.56	44.17	45.09	43.25	43.25	43.25
2347	7.69	3.01	42.75	44.28	45.16	43.41	43.41	43.41
2348	7.69	2.55	42.90	44.28	45.08	43.49	43.49	43.49
2349	8.35	2.09	42.99	44.16	44.83	43.49	43.49	43.49
2350	8.99	1.67	43.01	43.97	44.52	43.42	43.42	43.42

2351	8.99	1.39	42.98	43.75	44.19	43.31	43.31	43.31
2352	8.99	1.32	42.92	43.51	43.85	43.18	43.18	43.18
2353	9.67	1.43	42.84	43.22	43.44	43.01	43.01	43.01
2354	10.31	1.72	42.73	42.95	43.07	42.82	42.82	42.82
2355	10.31	2.08	42.60	42.73	42.80	42.65	42.65	42.65
2356	10.31	2.32	42.49	42.51	42.53	42.50	42.50	42.50
2357	10.81	2.47	42.39	42.25	42.17	42.33	42.33	42.33
2358	11.21	7.62	42.27	41.90	41.69	42.11	42.11	42.11
2359	11.21	6.53	42.20	40.76	39.93	41.58	41.58	41.58
2360	11.21	3.68	41.62	40.39	39.68	41.09	41.09	41.09
2361	11.58	2.69	41.28	40.69	40.36	41.03	41.03	41.03
2362	15.01	2.17	41.29	41.09	40.97	41.20	41.20	41.20
2363	15.01	2.22	41.39	41.56	41.66	41.46	41.46	41.46
2364	15.01	2.45	41.56	42.09	42.39	41.79	41.79	41.79
2365	13.28	2.67	41.79	42.65	43.14	42.15	42.15	42.15
2366	10.24	2.76	42.06	43.11	43.71	42.51	42.51	42.51
2367	10.24	2.87	42.32	43.46	44.11	42.81	42.81	42.81
2368	10.24	2.84	42.54	43.76	44.45	43.06	43.06	43.06
2369	8.26	2.49	42.74	43.95	44.65	43.26	43.26	43.26
2370	6.36	2.28	42.90	44.05	44.70	43.39	43.39	43.39
2371	6.36	1.85	43.01	44.06	44.66	43.46	43.46	43.46
2372	6.36	1.22	43.09	43.94	44.43	43.45	43.45	43.45
2373	4.68	0.74	43.11	43.63	43.93	43.33	43.33	43.33
2374	3.47	0.79	43.03	43.20	43.30	43.10	43.10	43.10
2375	3.47	1.76	42.87	42.74	42.66	42.81	42.81	42.81
2376	3.47	2.92	42.66	42.32	42.13	42.51	42.51	42.51
2377	2.68	4.12	42.46	41.90	41.58	42.22	42.22	42.22
2378	2.01	5.15	42.24	41.46	41.02	41.91	41.91	41.91
2379	2.01	6.11	42.01	41.04	40.48	41.60	41.60	41.60
2380	2.01	6.76	41.78	40.63	39.97	41.29	41.29	41.29
2381	2.27	7.07	41.54	40.27	39.54	40.99	40.99	40.99
2382	2.19	7.33	41.31	39.99	39.23	40.74	40.74	40.74
2383	2.19	11.21	41.12	39.75	38.97	40.53	40.53	40.53
2384	2.19	9.74	41.03	38.94	37.75	40.13	40.13	40.13
2385	1.11	7.63	40.57	38.76	37.73	39.79	39.79	39.79
2386	1.74	6.79	40.32	39.14	38.47	39.81	39.81	39.81
2387	1.74	6.27	40.34	39.84	39.55	40.12	40.12	40.12
2388	1.74	6.10	40.55	40.63	40.68	40.59	40.59	40.59
2389	2.80	4.86	40.87	41.47	41.82	41.13	41.13	41.13



2390	4.52	3.36	41.24	42.39	43.05	41.73	41.73	41.73
2391	4.52	3.61	41.69	43.26	44.15	42.36	42.36	42.36
2392	4.52	3.65	42.17	43.85	44.81	42.89	42.89	42.89
2393	5.49	3.44	42.56	44.25	45.22	43.28	43.28	43.28
2394	5.97	3.24	42.87	44.46	45.36	43.55	43.55	43.55
2395	5.97	2.97	43.08	44.57	45.43	43.72	43.72	43.72
2396	5.97	2.57	43.23	44.60	45.38	43.82	43.82	43.82
2397	6.36	2.22	43.33	44.51	45.18	43.84	43.84	43.84
2398	6.73	2.05	43.38	44.29	44.81	43.77	43.77	43.77
2399	6.73	2.27	43.35	44.00	44.38	43.63	43.63	43.63
2400	6.73	2.45	43.27	43.61	43.81	43.42	43.42	43.42
2401	7.09	2.64	43.13	43.13	43.13	43.13	43.13	43.13
2402	7.43	2.92	42.92	42.70	42.57	42.83	42.83	42.83
2403	7.43	3.13	42.70	42.39	42.22	42.57	42.57	42.57
2404	7.43	3.30	42.52	42.15	41.93	42.36	42.36	42.36
2405	7.77	3.45	42.37	41.95	41.70	42.19	42.19	42.19
2406	8.07	3.57	42.24	41.79	41.53	42.05	42.05	42.05
2407	8.07	3.63	42.13	41.66	41.39	41.93	41.93	41.93
2408	8.07	3.35	42.01	41.71	41.53	41.88	41.88	41.88
2409	8.35	3.31	41.95	42.07	42.14	42.01	42.01	42.01
2410	8.17	3.55	42.06	42.55	42.84	42.27	42.27	42.27
2411	8.17	3.95	42.24	43.12	43.63	42.62	42.62	42.62
2412	8.17	4.33	42.48	43.79	44.54	43.04	43.04	43.04
2413	10.88	4.52	42.79	44.47	45.43	43.51	43.51	43.51
2414	9.78	4.58	43.15	45.04	46.13	43.96	43.96	43.96
2415	9.78	4.70	43.49	45.46	46.59	44.34	44.34	44.34
2416	9.78	4.60	43.77	45.80	46.96	44.64	44.64	44.64
2417	7.60	4.29	44.03	46.01	47.14	44.88	44.88	44.88
2418	5.67	4.00	44.22	46.06	47.11	45.01	45.01	45.01
2419	5.67	3.65	44.34	46.03	47.00	45.06	45.06	45.06
2420	5.67	3.49	44.40	45.92	46.78	45.05	45.05	45.05
2421	3.67	3.33	44.42	45.69	46.41	44.96	44.96	44.96
2422	2.15	3.25	44.38	45.40	45.98	44.81	44.81	44.81
2423	2.15	3.28	44.28	45.11	45.58	44.63	44.63	44.63
2424	2.15	3.34	44.16	44.85	45.24	44.46	44.46	44.46
2425	-0.24	3.53	44.04	44.58	44.89	44.28	44.28	44.28
2426	-2.75	3.80	43.91	44.41	44.70	44.12	44.12	44.12
2427	-2.75	3.99	43.79	44.38	44.72	44.05	44.05	44.05
2428	-2.75	4.01	43.75	44.43	44.82	44.04	44.04	44.04

2429	-2.78	4.02	43.75	44.45	44.85	44.05	44.05	44.05
2430	-2.18	8.49	43.76	44.41	44.78	44.04	44.04	44.04
2431	-2.18	7.09	43.85	43.48	43.26	43.69	43.69	43.69
2432	-2.18	4.78	43.41	43.21	43.10	43.32	43.32	43.32
2433	-1.39	4.06	43.15	43.62	43.88	43.35	43.35	43.35
2434	-0.27	3.56	43.25	43.99	44.41	43.57	43.57	43.57
2435	-0.27	3.33	43.39	44.36	44.91	43.80	43.80	43.80
2436	-0.27	3.41	43.55	44.70	45.36	44.04	44.04	44.04
2437	1.02	3.89	43.72	45.00	45.74	44.27	44.27	44.27
2438	2.18	4.69	43.86	45.43	46.32	44.53	44.53	44.53
2439	2.18	5.49	44.05	46.03	47.17	44.90	44.90	44.90
2440	2.18	5.72	44.34	46.73	48.10	45.36	45.36	45.36
2441	3.00	5.26	44.71	47.23	48.66	45.79	45.79	45.79
2442	3.67	4.96	45.05	47.43	48.80	46.07	46.07	46.07
2443	3.67	4.47	45.25	47.50	48.78	46.22	46.22	46.22
2444	3.67	3.78	45.39	47.41	48.57	46.26	46.26	46.26
2445	4.31	3.15	45.45	47.16	48.13	46.18	46.18	46.18
2446	4.79	2.77	45.41	46.83	47.64	46.02	46.02	46.02
2447	4.79	2.61	45.30	46.55	47.27	45.84	45.84	45.84
2448	4.79	2.45	45.18	46.36	47.04	45.69	45.69	45.69
2449	5.11	2.33	45.09	46.20	46.84	45.57	45.57	45.57
2450	5.40	2.33	45.01	46.07	46.68	45.47	45.47	45.47
2451	5.40	2.43	44.94	45.98	46.57	45.39	45.39	45.39
2452	5.40	2.49	44.89	45.91	46.50	45.33	45.33	45.33
2453	5.41	2.49	44.85	45.86	46.44	45.28	45.28	45.28
2454	5.13	6.89	44.81	45.79	46.34	45.23	45.23	45.23
2455	5.13	5.42	44.89	44.85	44.82	44.87	44.87	44.87
2456	5.13	2.97	44.47	44.30	44.20	44.40	44.40	44.40
2457	4.81	2.26	44.14	44.17	44.19	44.15	44.15	44.15
2458	4.24	1.85	44.02	43.92	43.87	43.98	43.98	43.98
2459	4.24	1.58	43.86	43.66	43.54	43.78	43.78	43.78
2460	4.24	1.53	43.70	43.44	43.30	43.59	43.59	43.59
2461	3.27	1.40	43.55	43.26	43.09	43.42	43.42	43.42
2462	0.93	1.57	43.40	43.22	43.11	43.32	43.32	43.32
2463	0.93	1.83	43.31	43.41	43.47	43.35	43.35	43.35
2464	0.93	1.93	43.32	43.72	43.94	43.49	43.49	43.49
2465	-1.12	1.33	43.43	43.96	44.26	43.66	43.66	43.66
2466	-2.53	1.31	43.54	44.14	44.49	43.80	43.80	43.80
2467	-2.53	1.12	43.64	44.21	44.54	43.88	43.88	43.88

2468	-2.53	0.76	43.70	44.13	44.37	43.89	43.89	43.89
2469	-3.64	0.87	43.71	43.87	43.96	43.78	43.78	43.78
2470	-4.15	1.98	43.63	43.49	43.41	43.57	43.57	43.57
2471	-4.15	3.13	43.47	43.09	42.87	43.31	43.31	43.31
2472	-4.15	4.42	43.28	42.68	42.34	43.02	43.02	43.02
2473	-4.30	5.56	43.08	42.23	41.75	42.72	42.72	42.72
2474	-4.30	6.56	42.84	41.78	41.18	42.39	42.39	42.39
2475	-4.30	7.50	42.60	41.35	40.63	42.06	42.06	42.06
2476	-4.30	8.30	42.35	40.92	40.11	41.74	41.74	41.74
2477	-3.78	9.03	42.09	40.53	39.63	41.42	41.42	41.42
2478	-2.72	14.34	41.85	40.15	39.18	41.12	41.12	41.12
2479	-2.72	12.03	41.71	39.02	37.48	40.55	40.55	40.55
2480	-2.72	6.23	41.06	38.82	37.54	40.10	40.10	40.10
2481	-1.36	2.70	40.72	39.56	38.90	40.22	40.22	40.22
2482	0.51	1.77	40.87	40.40	40.13	40.67	40.67	40.67
2483	0.51	1.76	41.17	41.18	41.18	41.17	41.17	41.17
2484	0.51	1.91	41.51	41.78	41.94	41.63	41.63	41.63
2485	2.57	2.07	41.82	42.32	42.60	42.03	42.03	42.03
2486	4.20	2.20	42.10	42.79	43.18	42.40	42.40	42.40
2487	4.20	2.36	42.37	43.21	43.68	42.73	42.73	42.73
2488	4.20	2.41	42.61	43.59	44.15	43.03	43.03	43.03
2489	5.44	2.17	42.86	43.87	44.45	43.29	43.29	43.29
2490	6.35	2.07	43.06	44.06	44.63	43.49	43.49	43.49
2491	6.35	1.74	43.21	44.17	44.72	43.62	43.62	43.62
2492	6.35	1.23	43.34	44.14	44.60	43.68	43.68	43.68
2493	7.22	0.83	43.41	43.93	44.23	43.63	43.63	43.63
2494	7.98	0.69	43.38	43.61	43.74	43.48	43.48	43.48
2495	7.98	0.83	43.27	43.29	43.30	43.28	43.28	43.28
2496	7.98	1.22	43.13	43.02	42.96	43.08	43.08	43.08
2497	8.63	2.02	43.01	42.77	42.64	42.91	42.91	42.91
2498	9.26	3.10	42.88	42.50	42.28	42.72	42.72	42.72
2499	9.26	4.15	42.75	42.16	41.82	42.50	42.50	42.50
2500	9.26	4.68	42.59	41.80	41.34	42.25	42.25	42.25
2501	9.79	4.67	42.39	41.50	40.99	42.01	42.01	42.01
2502	10.24	9.17	42.20	41.32	40.81	41.82	41.82	41.82
2503	10.24	7.11	42.16	40.43	39.44	41.42	41.42	41.42
2504	10.24	3.77	41.67	40.33	39.57	41.09	41.09	41.09
2505	10.68	2.86	41.44	40.93	40.65	41.22	41.22	41.22
2506	14.41	2.49	41.58	41.64	41.68	41.61	41.61	41.61

2507	14.41	2.48	41.85	42.31	42.57	42.05	42.05	42.05
2508	14.41	2.64	42.15	42.89	43.31	42.47	42.47	42.47
2509	13.25	2.98	42.44	43.42	43.98	42.86	42.86	42.86
2510	11.13	3.33	42.72	43.92	44.60	43.24	43.24	43.24
2511	11.13	3.74	43.00	44.40	45.20	43.60	43.60	43.60
2512	11.13	3.84	43.28	44.91	45.84	43.97	43.97	43.97
2513	10.17	3.44	43.58	45.26	46.21	44.30	44.30	44.30
2514	9.23	3.25	43.84	45.42	46.32	44.52	44.52	44.52
2515	9.23	2.99	44.01	45.49	46.34	44.64	44.64	44.64
2516	9.23	2.68	44.12	45.49	46.27	44.71	44.71	44.71
2517	8.38	2.30	44.19	45.42	46.12	44.72	44.72	44.72
2518	7.35	1.99	44.22	45.28	45.88	44.68	44.68	44.68
2519	7.35	1.81	44.21	45.11	45.63	44.60	44.60	44.60
2520	7.35	1.73	44.16	44.99	45.46	44.51	44.51	44.51
2521	6.17	1.77	44.12	44.86	45.28	44.43	44.43	44.43
2522	5.09	1.87	44.07	44.71	45.07	44.34	44.34	44.34
2523	5.09	2.02	44.01	44.55	44.85	44.24	44.24	44.24
2524	5.09	2.31	43.95	44.32	44.52	44.11	44.11	44.11
2525	5.04	2.69	43.85	44.05	44.17	43.94	43.94	43.94
2526	4.16	7.46	43.73	43.83	43.89	43.77	43.77	43.77
2527	4.16	6.34	43.72	42.77	42.23	43.31	43.31	43.31
2528	4.16	4.33	43.17	42.55	42.20	42.91	42.91	42.91
2529	2.49	3.79	42.87	43.30	43.54	43.05	43.05	43.05
2530	3.10	3.52	43.07	44.09	44.67	43.51	43.51	43.51
2531	3.10	3.50	43.40	44.69	45.42	43.95	43.95	43.95
2532	3.10	3.47	43.71	45.08	45.86	44.29	44.29	44.29
2533	3.84	3.45	43.94	45.36	46.16	44.55	44.55	44.55
2534	5.21	3.49	44.13	45.58	46.40	44.75	44.75	44.75
2535	5.21	3.56	44.28	45.78	46.64	44.93	44.93	44.93
2536	5.21	3.55	44.42	45.99	46.89	45.09	45.09	45.09
2537	5.78	3.31	44.57	46.12	47.00	45.23	45.23	45.23
2538	6.07	3.21	44.68	46.19	47.05	45.33	45.33	45.33
2539	6.07	3.02	44.76	46.22	47.06	45.39	45.39	45.39
2540	6.07	2.69	44.83	46.20	46.98	45.41	45.41	45.41
2541	6.30	2.37	44.86	46.09	46.78	45.39	45.39	45.39
2542	6.48	2.19	44.85	45.93	46.55	45.31	45.31	45.31
2543	6.48	2.42	44.80	45.80	46.37	45.23	45.23	45.23
2544	6.48	2.72	44.74	45.84	46.47	45.21	45.21	45.21
2545	6.64	2.97	44.74	45.97	46.68	45.27	45.27	45.27

2546	6.77	2.99	44.79	46.08	46.82	45.35	45.35	45.35
2547	6.77	2.98	44.87	46.08	46.77	45.39	45.39	45.39
2548	6.77	2.97	44.90	46.00	46.63	45.37	45.37	45.37
2549	6.84	2.90	44.89	45.84	46.38	45.30	45.30	45.30
2550	6.86	2.88	44.85	45.57	45.98	45.16	45.16	45.16
2551	6.86	7.44	44.75	45.23	45.51	44.96	44.96	44.96
2552	6.86	7.80	44.71	44.12	43.79	44.46	44.46	44.46
2553	6.85	6.94	44.18	43.55	43.19	43.91	43.91	43.91
2554	10.43	6.47	43.80	43.47	43.29	43.66	43.66	43.66
2555	10.43	6.41	43.64	43.63	43.63	43.64	43.64	43.64
2556	10.43	6.61	43.61	43.98	44.19	43.76	43.76	43.76
2557	9.23	5.41	43.69	44.41	44.83	44.00	44.00	44.00
2558	7.02	3.84	43.82	45.06	45.77	44.35	44.35	44.35
2559	7.02	4.13	44.07	45.83	46.84	44.83	44.83	44.83
2560	7.02	4.20	44.46	46.35	47.43	45.27	45.27	45.27
2561	5.46	4.04	44.77	46.68	47.78	45.59	45.59	45.59
2562	3.36	3.87	45.01	46.83	47.88	45.79	45.79	45.79
2563	3.36	3.69	45.17	46.86	47.83	45.89	45.89	45.89
2564	3.36	3.55	45.26	46.81	47.69	45.92	45.92	45.92
2565	0.33	3.61	45.29	46.71	47.51	45.90	45.90	45.90
2566	-2.21	3.95	45.31	46.47	47.14	45.81	45.81	45.81
2567	-2.21	4.46	45.24	46.25	46.83	45.67	45.67	45.67
2568	-2.21	4.90	45.14	46.18	46.77	45.58	45.58	45.58
2569	-3.01	5.10	45.09	46.17	46.79	45.55	45.55	45.55
2570	-3.61	5.21	45.09	46.11	46.69	45.53	45.53	45.53
2571	-3.61	5.30	45.07	45.99	46.51	45.47	45.47	45.47
2572	-3.61	5.36	45.03	45.84	46.30	45.38	45.38	45.38
2573	-2.53	5.47	44.96	45.69	46.10	45.27	45.27	45.27
2574	-0.90	5.54	44.88	45.58	45.99	45.18	45.18	45.18
2575	-0.90	5.59	44.82	45.51	45.90	45.12	45.12	45.12
2576	-0.90	5.51	44.77	45.50	45.92	45.08	45.08	45.08
2577	-0.77	5.42	44.74	45.53	45.98	45.08	45.08	45.08
2578	0.05	5.46	44.74	45.58	46.06	45.10	45.10	45.10
2579	0.05	5.55	44.74	45.76	46.35	45.18	45.18	45.18
2580	0.05	5.69	44.79	46.07	46.80	45.34	45.34	45.34
2581	0.81	5.78	44.91	46.44	47.31	45.57	45.57	45.57
2582	1.99	5.87	45.08	46.83	47.83	45.83	45.83	45.83
2583	1.99	6.01	45.28	47.20	48.29	46.10	46.10	46.10
2584	1.99	6.03	45.48	47.52	48.68	46.35	46.35	46.35

2585	2.92	6.08	45.68	47.75	48.94	46.57	46.57	46.57
2586	3.47	6.23	45.85	47.92	49.10	46.73	46.73	46.73
2587	3.47	6.42	45.98	48.02	49.19	46.86	46.86	46.86
2588	3.47	6.59	46.09	48.05	49.17	46.93	46.93	46.93
2589	3.97	6.66	46.16	48.02	49.09	46.96	46.96	46.96
2590	4.49	6.63	46.19	47.96	48.97	46.95	46.95	46.95
2591	4.49	6.58	46.20	47.84	48.78	46.90	46.90	46.90
2592	4.49	6.49	46.18	47.70	48.56	46.83	46.83	46.83
2593	5.07	6.36	46.14	47.53	48.33	46.73	46.73	46.73
2594	5.62	6.26	46.08	47.33	48.05	46.62	46.62	46.62
2595	5.62	6.17	46.00	47.13	47.78	46.48	46.48	46.48
2596	5.62	6.22	45.91	46.93	47.51	46.35	46.35	46.35
2597	6.01	6.42	45.80	46.81	47.39	46.23	46.23	46.23
2598	6.27	10.86	45.71	46.82	47.45	46.19	46.19	46.19
2599	6.27	9.50	45.80	45.98	46.09	45.88	45.88	45.88
2600	6.27	7.58	45.37	45.90	46.21	45.60	45.60	45.60
2601	6.49	7.09	45.16	46.70	47.58	45.82	45.82	45.82
2602	10.47	6.67	45.42	47.52	48.72	46.32	46.32	46.32
2603	10.47	6.56	45.77	48.21	49.61	46.82	46.82	46.82
2604	10.47	6.60	46.13	48.74	50.23	47.25	47.25	47.25
2605	9.75	6.68	46.44	49.14	50.69	47.60	47.60	47.60
2606	8.02	6.86	46.69	49.48	51.08	47.89	47.89	47.89
2607	8.02	6.95	46.92	49.83	51.50	48.17	48.17	48.17
2608	8.02	6.71	47.15	50.14	51.84	48.43	48.43	48.43
2609	6.89	6.30	47.37	50.27	51.92	48.61	48.61	48.61
2610	5.10	6.10	47.52	50.32	51.91	48.72	48.72	48.72
2611	5.10	5.79	47.61	50.32	51.87	48.77	48.77	48.77
2612	5.10	5.54	47.68	50.25	51.72	48.78	48.78	48.78
2613	3.25	5.32	47.71	50.16	51.57	48.76	48.76	48.76
2614	1.77	5.18	47.71	50.07	51.42	48.72	48.72	48.72
2615	1.77	5.25	47.69	49.99	51.30	48.68	48.68	48.68
2616	1.77	5.33	47.67	50.00	51.33	48.67	48.67	48.67
2617	0.67	4.51	47.68	50.04	51.40	48.69	48.69	48.69
2618	-0.27	3.04	47.75	49.75	50.90	48.61	48.61	48.61
2619	-0.27	1.73	47.72	48.98	49.70	48.26	48.26	48.26
2620	-0.27	1.31	47.46	47.89	48.13	47.64	47.64	47.64
2621	-0.34	1.80	46.97	46.92	46.89	46.95	46.95	46.95
2622	-0.12	6.63	46.45	46.30	46.22	46.39	46.39	46.39
2623	-0.12	5.52	46.18	44.97	44.28	45.66	45.66	45.66

2624	-0.12	3.46	45.44	44.40	43.81	44.99	44.99	44.99
2625	-0.79	2.90	44.95	44.55	44.32	44.78	44.78	44.78
2626	-0.10	2.47	44.85	44.70	44.61	44.78	44.78	44.78
2627	-0.10	2.25	44.81	44.83	44.85	44.82	44.82	44.82
2628	-0.10	2.06	44.80	44.94	45.03	44.86	44.86	44.86
2629	0.91	1.96	44.80	45.05	45.19	44.91	44.91	44.91
2630	2.29	1.87	44.81	45.18	45.40	44.97	44.97	44.97
2631	2.29	2.08	44.83	45.36	45.66	45.06	45.06	45.06
2632	2.29	2.20	44.88	45.64	46.08	45.21	45.21	45.21
2633	3.45	1.96	44.99	45.87	46.38	45.37	45.37	45.37
2634	4.24	1.91	45.11	46.00	46.51	45.49	45.49	45.49
2635	4.24	1.67	45.19	46.05	46.55	45.56	45.56	45.56
2636	4.24	1.30	45.24	46.00	46.43	45.56	45.56	45.56
2637	4.97	1.02	45.25	45.81	46.13	45.49	45.49	45.49
2638	5.63	0.90	45.19	45.54	45.74	45.34	45.34	45.34
2639	5.63	1.05	45.08	45.26	45.36	45.16	45.16	45.16
2640	5.63	1.20	44.94	44.99	45.02	44.96	44.96	44.96
2641	6.24	1.36	44.81	44.72	44.68	44.77	44.77	44.77
2642	6.80	1.85	44.66	44.44	44.32	44.57	44.57	44.57
2643	6.80	2.53	44.51	44.15	43.94	44.35	44.35	44.35
2644	6.80	3.11	44.34	43.85	43.57	44.13	44.13	44.13
2645	7.12	3.60	44.17	43.56	43.22	43.91	43.91	43.91
2646	7.19	8.65	43.99	43.30	42.90	43.69	43.69	43.69
2647	7.19	6.86	43.93	42.26	41.30	43.21	43.21	43.21
2648	7.19	3.37	43.36	42.04	41.29	42.79	42.79	42.79
2649	7.22	2.56	43.05	42.61	42.36	42.86	42.86	42.86
2650	10.76	2.44	43.16	43.28	43.34	43.21	43.21	43.21
2651	10.76	2.76	43.38	43.96	44.28	43.63	43.63	43.63
2652	10.76	3.38	43.66	44.65	45.21	44.08	44.08	44.08
2653	9.42	3.90	43.98	45.33	46.10	44.55	44.55	44.55
2654	7.04	4.22	44.32	45.96	46.90	45.02	45.02	45.02
2655	7.04	4.56	44.66	46.50	47.54	45.45	45.45	45.45
2656	7.04	4.64	44.97	46.99	48.14	45.84	45.84	45.84
2657	5.89	4.34	45.29	47.33	48.49	46.16	46.16	46.16
2658	4.75	4.16	45.54	47.50	48.62	46.38	46.38	46.38
2659	4.75	3.59	45.71	47.59	48.67	46.52	46.52	46.52
2660	4.75	2.71	45.85	47.47	48.40	46.55	46.55	46.55
2661	3.68	1.87	45.90	47.12	47.82	46.42	46.42	46.42
2662	2.87	1.46	45.82	46.66	47.15	46.18	46.18	46.18

2663	2.87	1.50	45.64	46.30	46.68	45.92	45.92	45.92
2664	2.87	1.56	45.46	46.14	46.53	45.75	45.75	45.75
2665	2.38	1.63	45.35	46.06	46.47	45.66	45.66	45.66
2666	2.05	1.54	45.30	45.97	46.36	45.58	45.58	45.58
2667	2.05	1.43	45.25	45.77	46.06	45.47	45.47	45.47
2668	2.05	1.52	45.16	45.51	45.71	45.31	45.31	45.31
2669	2.83	1.75	45.04	45.28	45.42	45.14	45.14	45.14
2670	3.13	6.61	44.90	45.13	45.26	45.00	45.00	45.00
2671	3.13	5.64	44.91	44.21	43.81	44.61	44.61	44.61
2672	3.13	3.29	44.41	44.10	43.92	44.28	44.28	44.28
2673	2.35	2.99	44.20	44.68	44.96	44.40	44.40	44.40
2674	3.08	2.89	44.35	45.24	45.75	44.73	44.73	44.73
2675	3.08	2.75	44.58	45.64	46.25	45.04	45.04	45.04
2676	3.08	2.63	44.79	45.84	46.44	45.24	45.24	45.24
2677	3.76	2.58	44.92	45.96	46.56	45.37	45.37	45.37
2678	4.98	2.94	45.01	46.07	46.68	45.46	45.46	45.46
2679	4.98	3.37	45.07	46.32	47.04	45.60	45.60	45.60
2680	4.98	3.37	45.18	46.65	47.50	45.81	45.81	45.81
2681	5.63	2.74	45.37	46.82	47.65	45.99	45.99	45.99
2682	6.14	2.23	45.51	46.75	47.46	46.04	46.04	46.04
2683	6.14	1.88	45.54	46.56	47.13	45.98	45.98	45.98
2684	6.14	1.69	45.50	46.35	46.84	45.86	45.86	45.86
2685	6.59	1.52	45.42	46.17	46.60	45.74	45.74	45.74
2686	7.00	1.55	45.35	45.97	46.32	45.61	45.61	45.61
2687	7.00	1.80	45.25	45.81	46.13	45.49	45.49	45.49
2688	7.00	2.06	45.17	45.70	46.00	45.39	45.39	45.39
2689	7.36	2.25	45.10	45.59	45.87	45.31	45.31	45.31
2690	7.69	2.39	45.04	45.46	45.71	45.22	45.22	45.22
2691	7.69	2.56	44.98	45.28	45.46	45.11	45.11	45.11
2692	7.69	2.71	44.89	45.06	45.16	44.96	44.96	44.96
2693	8.05	2.81	44.79	44.78	44.77	44.78	44.78	44.78
2694	8.44	7.53	44.65	44.45	44.34	44.56	44.56	44.56
2695	8.44	6.27	44.59	43.26	42.50	44.02	44.02	44.02
2696	8.44	3.79	43.99	42.78	42.08	43.47	43.47	43.47
2697	8.82	2.91	43.60	42.94	42.56	43.32	43.32	43.32
2698	12.66	2.24	43.56	43.09	42.83	43.36	43.36	43.36
2699	12.66	1.87	43.55	43.24	43.07	43.42	43.42	43.42
2700	12.66	1.72	43.56	43.42	43.34	43.50	43.50	43.50
2701	11.65	1.68	43.61	43.62	43.62	43.61	43.61	43.61



2702	9.59	1.76	43.67	43.85	43.95	43.75	43.75	43.75
2703	9.59	1.86	43.75	44.12	44.33	43.91	43.91	43.91
2704	9.59	1.82	43.87	44.42	44.73	44.10	44.10	44.10
2705	8.35	1.40	44.02	44.64	44.99	44.28	44.28	44.28
2706	6.86	1.32	44.14	44.78	45.15	44.42	44.42	44.42
2707	6.86	1.13	44.24	44.83	45.17	44.50	44.50	44.50
2708	6.86	0.80	44.31	44.75	45.00	44.50	44.50	44.50
2709	5.54	0.61	44.32	44.52	44.63	44.41	44.41	44.41
2710	4.29	1.32	44.25	44.20	44.18	44.23	44.23	44.23
2711	4.29	2.06	44.13	43.87	43.73	44.02	44.02	44.02
2712	4.29	2.87	43.97	43.57	43.34	43.80	43.80	43.80
2713	3.09	3.66	43.82	43.26	42.95	43.58	43.58	43.58
2714	2.08	4.25	43.65	42.95	42.55	43.35	43.35	43.35
2715	2.08	4.78	43.48	42.66	42.19	43.13	43.13	43.13
2716	2.08	5.39	43.31	42.39	41.87	42.91	42.91	42.91
2717	1.95	6.08	43.14	42.11	41.52	42.70	42.70	42.70
2718	2.25	6.74	42.98	41.82	41.15	42.48	42.48	42.48
2719	2.25	10.53	42.80	41.52	40.78	42.25	42.25	42.25
2720	2.25	8.19	42.69	40.69	39.55	41.83	41.83	41.83
2721	1.56	6.33	42.20	40.67	39.80	41.54	41.54	41.54
2722	2.05	5.58	42.00	41.29	40.88	41.70	41.70	41.70
2723	2.05	5.11	42.15	42.02	41.96	42.09	42.09	42.09
2724	2.05	4.89	42.42	42.66	42.80	42.53	42.53	42.53
2725	2.86	3.96	42.71	43.26	43.57	42.94	42.94	42.94
2726	4.29	2.71	42.99	43.90	44.42	43.38	43.38	43.38
2727	4.29	2.88	43.31	44.56	45.27	43.84	43.84	43.84
2728	4.29	2.90	43.67	45.00	45.75	44.24	44.24	44.24
2729	5.32	2.81	43.96	45.29	46.05	44.53	44.53	44.53
2730	6.01	2.71	44.19	45.47	46.21	44.74	44.74	44.74
2731	6.01	2.42	44.35	45.59	46.30	44.88	44.88	44.88
2732	6.01	1.96	44.49	45.59	46.22	44.96	44.96	44.96
2733	6.62	1.56	44.56	45.46	45.97	44.95	44.95	44.95
2734	7.31	1.41	44.57	45.24	45.62	44.85	44.85	44.85
2735	7.31	1.53	44.52	44.92	45.15	44.69	44.69	44.69
2736	7.31	1.82	44.42	44.53	44.59	44.47	44.47	44.47
2737	8.07	2.16	44.27	44.05	43.93	44.18	44.18	44.18
2738	8.80	2.50	44.05	43.63	43.40	43.87	43.87	43.87
2739	8.80	2.75	43.82	43.34	43.07	43.62	43.62	43.62
2740	8.80	2.97	43.64	43.11	42.81	43.42	43.42	43.42

2741	9.16	3.17	43.49	42.96	42.65	43.26	43.26	43.26
2742	9.16	3.30	43.36	42.86	42.57	43.15	43.15	43.15
2743	9.16	3.37	43.27	42.81	42.54	43.07	43.07	43.07
2744	9.16	3.17	43.19	42.91	42.75	43.07	43.07	43.07
2745	9.12	3.03	43.17	43.26	43.32	43.21	43.21	43.21
2746	8.72	2.93	43.27	43.73	43.99	43.47	43.47	43.47
2747	8.72	2.74	43.47	44.11	44.48	43.74	43.74	43.74
2748	8.72	2.80	43.67	44.35	44.74	43.96	43.96	43.96
2749	11.47	3.41	43.80	44.58	45.03	44.14	44.14	44.14
2750	10.38	4.03	43.91	45.03	45.67	44.39	44.39	44.39
2751	10.38	4.51	44.11	45.60	46.45	44.75	44.75	44.75
2752	10.38	4.67	44.39	46.21	47.25	45.17	45.17	45.17
2753	8.16	4.62	44.72	46.70	47.83	45.57	45.57	45.57
2754	6.21	4.59	45.03	46.99	48.11	45.87	45.87	45.87
2755	6.21	4.44	45.25	47.20	48.31	46.08	46.08	46.08
2756	6.21	4.30	45.43	47.28	48.33	46.23	46.23	46.23
2757	4.38	4.13	45.57	47.14	48.03	46.24	46.24	46.24
2758	2.54	4.08	45.60	46.87	47.60	46.15	46.15	46.15
2759	2.54	4.12	45.54	46.56	47.14	45.98	45.98	45.98
2760	2.54	4.08	45.44	46.21	46.64	45.77	45.77	45.77
2761	-0.42	4.09	45.31	45.78	46.05	45.51	45.51	45.51
2762	-3.40	4.15	45.12	45.41	45.57	45.24	45.24	45.24
2763	-3.40	4.15	44.93	45.15	45.27	45.02	45.02	45.02
2764	-3.40	4.20	44.77	44.94	45.03	44.84	44.84	44.84
2765	-3.73	4.31	44.64	44.80	44.89	44.71	44.71	44.71
2766	-3.29	8.81	44.53	44.74	44.85	44.62	44.62	44.62
2767	-3.29	7.45	44.58	43.85	43.44	44.27	44.27	44.27
2768	-3.29	5.38	44.11	43.70	43.46	43.93	43.93	43.93
2769	-2.69	4.87	43.87	44.33	44.60	44.07	44.07	44.07
2770	-1.40	4.72	44.04	45.01	45.56	44.46	44.46	44.46
2771	-1.40	5.04	44.29	45.72	46.53	44.90	44.90	44.90
2772	-1.40	5.61	44.60	46.46	47.52	45.40	45.40	45.40
2773	0.53	6.14	44.96	47.21	48.49	45.92	45.92	45.92
2774	2.29	6.37	45.35	47.91	49.37	46.45	46.45	46.45
2775	2.29	6.52	45.75	48.45	50.00	46.91	46.91	46.91
2776	2.29	6.52	46.10	48.90	50.51	47.30	47.30	47.30
2777	3.01	6.14	46.41	49.23	50.85	47.62	47.62	47.62
2778	3.01	6.00	46.67	49.42	50.99	47.85	47.85	47.85
2779	3.01	5.94	46.86	49.54	51.07	48.01	48.01	48.01

2780	3.01	5.95	46.99	49.65	51.16	48.13	48.13	48.13
2781	2.92	5.97	47.11	49.77	51.28	48.25	48.25	48.25
2782	3.04	6.00	47.22	49.89	51.41	48.37	48.37	48.37
2783	3.04	6.08	47.33	50.01	51.54	48.48	48.48	48.48
2784	3.04	6.16	47.44	50.14	51.69	48.60	48.60	48.60
2785	3.48	6.29	47.54	50.28	51.84	48.71	48.71	48.71
2786	3.93	6.38	47.65	50.43	52.01	48.84	48.84	48.84
2787	3.93	6.42	47.76	50.53	52.11	48.95	48.95	48.95
2788	3.93	6.62	47.86	50.60	52.17	49.03	49.03	49.03
2789	4.24	6.86	47.93	50.72	52.32	49.13	49.13	49.13
2790	4.43	11.20	48.01	50.88	52.51	49.24	49.24	49.24
2791	4.43	9.02	48.24	50.12	51.20	49.04	49.04	49.04
2792	4.43	5.42	47.97	49.58	50.50	48.66	48.66	48.66
2793	4.60	3.44	47.72	49.21	50.05	48.36	48.36	48.36
2794	4.46	2.31	47.59	48.49	49.00	47.97	47.97	47.97
2795	4.46	2.18	47.25	47.85	48.19	47.51	47.51	47.51
2796	4.46	2.30	46.89	47.55	47.93	47.17	47.17	47.17
2797	3.87	2.45	46.66	47.47	47.93	47.01	47.01	47.01
2798	2.93	2.69	46.54	47.50	48.05	46.95	46.95	46.95
2799	2.93	2.96	46.48	47.60	48.24	46.96	46.96	46.96
2800	2.93	3.06	46.48	47.75	48.47	47.02	47.02	47.02
2801	1.38	2.80	46.52	47.83	48.58	47.08	47.08	47.08
2802	-0.69	2.64	46.56	47.82	48.54	47.10	47.10	47.10
2803	-0.69	2.28	46.57	47.75	48.43	47.07	47.07	47.07
2804	-0.69	1.69	46.55	47.57	48.16	46.99	46.99	46.99
2805	-2.68	1.17	46.49	47.25	47.69	46.82	46.82	46.82
2806	-4.26	0.80	46.36	46.84	47.12	46.57	46.57	46.57
2807	-4.26	0.63	46.18	46.39	46.50	46.27	46.27	46.27
2808	-4.26	1.48	45.96	45.90	45.87	45.93	45.93	45.93
2809	-5.44	2.58	45.71	45.41	45.25	45.58	45.58	45.58
2810	-6.54	3.71	45.44	44.93	44.64	45.22	45.22	45.22
2811	-6.54	4.98	45.17	44.44	44.02	44.86	44.86	44.86
2812	-6.54	5.78	44.89	43.92	43.36	44.47	44.47	44.47
2813	-6.98	6.10	44.58	43.46	42.82	44.10	44.10	44.10
2814	-6.61	10.88	44.29	43.11	42.43	43.78	43.78	43.78
2815	-6.61	8.92	44.14	42.04	40.84	43.24	43.24	43.24
2816	-6.61	4.58	43.52	41.80	40.82	42.78	42.78	42.78
2817	-6.17	2.33	43.18	42.31	41.81	42.81	42.81	42.81
2818	-4.80	1.82	43.25	42.86	42.63	43.08	43.08	43.08

2819	-4.80	1.84	43.40	43.41	43.42	43.41	43.41	43.41
2820	-4.80	2.02	43.61	43.92	44.10	43.75	43.75	43.75
2821	-2.62	2.12	43.83	44.41	44.73	44.08	44.08	44.08
2822	-0.71	2.06	44.07	44.79	45.19	44.38	44.38	44.38
2823	-0.71	2.02	44.29	45.01	45.43	44.60	44.60	44.60
2824	-0.71	1.89	44.44	45.17	45.59	44.76	44.76	44.76
2825	0.51	1.57	44.56	45.28	45.69	44.87	44.87	44.87
2826	0.99	1.48	44.64	45.36	45.77	44.95	44.95	44.95
2827	0.99	1.37	44.72	45.39	45.77	45.01	45.01	45.01
2828	0.99	1.27	44.76	45.37	45.71	45.02	45.02	45.02
2829	1.37	1.19	44.78	45.30	45.60	45.00	45.00	45.00
2830	1.61	1.19	44.77	45.21	45.45	44.96	44.96	44.96
2831	1.61	1.17	44.75	45.05	45.22	44.88	44.88	44.88
2832	1.61	1.23	44.70	44.82	44.89	44.75	44.75	44.75
2833	1.92	1.47	44.61	44.54	44.51	44.58	44.58	44.58
2834	2.35	1.85	44.47	44.30	44.20	44.40	44.40	44.40
2835	2.35	2.18	44.34	44.13	44.01	44.25	44.25	44.25
2836	2.35	2.38	44.23	43.99	43.86	44.13	44.13	44.13
2837	2.85	2.69	44.14	43.81	43.61	44.00	44.00	44.00
2838	3.51	8.04	44.05	43.53	43.24	43.83	43.83	43.83
2839	3.51	7.12	44.01	42.46	41.57	43.34	43.34	43.34
2840	3.51	4.57	43.46	42.09	41.31	42.87	42.87	42.87
2841	4.15	3.69	43.14	42.27	41.77	42.77	42.77	42.77
2842	8.07	2.93	43.11	42.41	42.01	42.81	42.81	42.81
2843	8.07	2.34	43.11	42.55	42.23	42.87	42.87	42.87
2844	8.07	2.10	43.13	42.72	42.48	42.95	42.95	42.95
2845	5.13	1.87	43.18	42.87	42.70	43.05	43.05	43.05
2846	-1.42	1.66	43.23	42.98	42.84	43.13	43.13	43.13
2847	-1.42	1.54	43.28	43.05	42.91	43.18	43.18	43.18
2848	-1.42	1.61	43.32	43.03	42.86	43.20	43.20	43.20
2849	-4.05	0.67	43.32	43.01	42.83	43.18	43.18	43.18
2850	-5.99	0.70	43.29	43.16	43.08	43.23	43.23	43.23
2851	-5.99	0.77	43.35	43.21	43.14	43.29	43.29	43.29
2852	-5.99	1.17	43.38	43.23	43.15	43.32	43.32	43.32
2853	-7.68	1.69	43.40	43.18	43.05	43.30	43.30	43.30
2854	-8.11	2.22	43.39	43.06	42.88	43.25	43.25	43.25
2855	-8.11	2.82	43.35	42.92	42.68	43.16	43.16	43.16
2856	-8.11	3.37	43.28	42.74	42.43	43.05	43.05	43.05
2857	-8.44	3.78	43.20	42.55	42.18	42.92	42.92	42.92

2858	-8.58	4.05	43.10	42.38	41.96	42.79	42.79	42.79
2859	-8.58	4.27	43.00	42.22	41.78	42.67	42.67	42.67
2860	-8.58	4.63	42.90	42.09	41.62	42.55	42.55	42.55
2861	-8.34	5.12	42.82	41.93	41.43	42.44	42.44	42.44
2862	-8.75	10.27	42.73	41.75	41.19	42.31	42.31	42.31
2863	-8.75	8.57	42.72	40.77	39.66	41.89	41.89	41.89
2864	-8.75	4.58	42.20	40.58	39.66	41.51	41.51	41.51
2865	-8.85	2.62	41.95	41.08	40.59	41.58	41.58	41.58
2866	-8.38	1.86	42.05	41.63	41.38	41.87	41.87	41.87
2867	-8.38	1.74	42.23	42.20	42.18	42.22	42.22	42.22
2868	-8.38	1.83	42.48	42.71	42.84	42.58	42.58	42.58
2869	-7.59	1.92	42.72	43.17	43.42	42.91	42.91	42.91
2870	-7.23	1.98	42.97	43.58	43.92	43.23	43.23	43.23
2871	-7.23	2.08	43.20	43.93	44.35	43.51	43.51	43.51
2872	-7.23	2.16	43.41	44.26	44.75	43.77	43.77	43.77
2873	-7.35	2.02	43.61	44.51	45.03	44.00	44.00	44.00
2874	-7.59	2.03	43.79	44.72	45.25	44.18	44.18	44.18
2875	-7.59	1.74	43.94	44.87	45.40	44.33	44.33	44.33
2876	-7.59	1.24	44.07	44.87	45.32	44.41	44.41	44.41
2877	-7.65	0.96	44.15	44.69	45.00	44.38	44.38	44.38
2878	-7.67	0.77	44.13	44.45	44.64	44.27	44.27	44.27
2879	-7.67	0.76	44.05	44.23	44.33	44.13	44.13	44.13
2880	-7.67	0.96	43.96	44.04	44.09	44.00	44.00	44.00
2881	-8.03	1.22	43.88	43.88	43.88	43.88	43.88	43.88
2882	-8.41	1.46	43.79	43.79	43.79	43.79	43.79	43.79
2883	-8.41	1.69	43.73	43.74	43.74	43.73	43.73	43.73
2884	-8.41	1.97	43.70	43.65	43.62	43.68	43.68	43.68
2885	-8.18	2.20	43.66	43.51	43.42	43.59	43.59	43.59
2886	-7.65	2.38	43.59	43.31	43.15	43.47	43.47	43.47
2887	-7.65	7.09	43.51	43.07	42.82	43.32	43.32	43.32
2888	-7.65	7.45	43.46	42.24	41.55	42.94	42.94	42.94
2889	-7.19	6.45	43.02	42.14	41.64	42.64	42.64	42.64
2890	-2.83	5.86	42.83	42.58	42.44	42.72	42.72	42.72
2891	-2.83	5.57	42.92	43.16	43.29	43.02	43.02	43.02
2892	-2.83	5.46	43.13	43.72	44.06	43.38	43.38	43.38
2893	-3.20	4.67	43.37	44.29	44.81	43.76	43.76	43.76
2894	-5.81	3.60	43.63	44.94	45.68	44.19	44.19	44.19
2895	-5.81	3.88	43.95	45.60	46.55	44.66	44.66	44.66
2896	-5.81	3.93	44.32	46.09	47.10	45.08	45.08	45.08

2897	-7.79	3.76	44.63	46.42	47.45	45.40	45.40	45.40
2898	-9.47	3.58	44.88	46.59	47.57	45.61	45.61	45.61
2899	-9.47	3.26	45.05	46.68	47.61	45.75	45.75	45.75
2900	-9.47	2.86	45.18	46.66	47.51	45.81	45.81	45.81
2901	-10.38	2.54	45.25	46.54	47.28	45.80	45.80	45.80
2902	-10.70	2.32	45.25	46.41	47.06	45.75	45.75	45.75
2903	-10.70	2.24	45.23	46.25	46.83	45.67	45.67	45.67
2904	-10.70	2.17	45.19	46.09	46.60	45.58	45.58	45.58
2905	-10.59	2.27	45.14	45.91	46.35	45.47	45.47	45.47
2906	-10.35	2.51	45.08	45.64	45.96	45.32	45.32	45.32
2907	-10.35	2.64	44.98	45.27	45.43	45.11	45.11	45.11
2908	-10.35	2.74	44.83	44.82	44.81	44.82	44.82	44.82
2909	-9.69	2.84	44.62	44.38	44.24	44.52	44.52	44.52
2910	-9.75	2.92	44.39	44.00	43.77	44.22	44.22	44.22
2911	-9.75	2.79	44.17	43.72	43.46	43.98	43.98	43.98
2912	-9.75	3.00	43.96	43.75	43.64	43.87	43.87	43.87
2913	-9.49	3.39	43.85	44.21	44.42	44.01	44.01	44.01
2914	-8.84	3.92	43.97	44.83	45.33	44.34	44.34	44.34
2915	-8.84	4.62	44.19	45.53	46.30	44.77	44.77	44.77
2916	-8.84	5.43	44.49	46.30	47.33	45.27	45.27	45.27
2917	-8.14	5.63	44.85	47.11	48.40	45.82	45.82	45.82
2918	-6.57	5.28	45.29	47.70	49.07	46.32	46.32	46.32
2919	-6.57	4.90	45.68	47.95	49.25	46.65	46.65	46.65
2920	-6.57	4.51	45.92	48.03	49.23	46.82	46.82	46.82
2921	-5.68	4.33	46.06	47.99	49.10	46.89	46.89	46.89
2922	-7.48	4.14	46.12	47.97	49.03	46.92	46.92	46.92
2923	-7.48	3.69	46.17	47.94	48.94	46.93	46.93	46.93
2924	-7.48	3.05	46.22	47.77	48.66	46.88	46.88	46.88
2925	-9.47	2.66	46.21	47.46	48.17	46.74	46.74	46.74
2926	-3.17	2.56	46.12	47.03	47.55	46.51	46.51	46.51
2927	-3.17	2.64	45.95	46.60	46.96	46.23	46.23	46.23
2928	-3.17	2.84	45.75	46.21	46.47	45.95	45.95	45.95
2929	1.35	2.98	45.57	45.82	45.96	45.67	45.67	45.67
2930	2.43	3.07	45.36	45.42	45.45	45.39	45.39	45.39
2931	2.43	3.14	45.16	45.02	44.94	45.10	45.10	45.10
2932	2.43	3.26	44.94	44.61	44.43	44.80	44.80	44.80
2933	3.54	3.41	44.71	44.28	44.03	44.52	44.52	44.52
2934	4.53	8.09	44.49	44.03	43.77	44.29	44.29	44.29
2935	4.53	6.78	44.42	43.05	42.27	43.83	43.83	43.83

2936	4.53	4.58	43.85	43.03	42.56	43.50	43.50	43.50
2937	5.16	4.25	43.59	44.01	44.25	43.77	43.77	43.77
2938	9.55	4.45	43.87	45.14	45.86	44.41	44.41	44.41
2939	9.55	4.82	44.34	46.01	46.96	45.05	45.05	45.05
2940	9.55	5.24	44.78	46.68	47.78	45.59	45.59	45.59
2941	9.29	5.48	45.15	47.31	48.54	46.07	46.07	46.07
2942	7.76	5.54	45.51	47.82	49.15	46.50	46.50	46.50
2943	7.76	5.52	45.84	48.22	49.58	46.86	46.86	46.86
2944	7.76	5.31	46.11	48.52	49.90	47.15	47.15	47.15
2945	7.55	4.63	46.36	48.66	49.98	47.34	47.34	47.34
2946	7.48	4.08	46.53	48.60	49.79	47.42	47.42	47.42
2947	7.48	3.78	46.60	48.43	49.48	47.38	47.38	47.38
2948	7.48	3.65	46.59	48.28	49.25	47.31	47.31	47.31
2949	7.36	3.46	46.55	48.19	49.13	47.26	47.26	47.26
2950	7.01	3.28	46.54	48.09	48.98	47.20	47.20	47.20
2951	7.01	3.20	46.51	47.98	48.83	47.14	47.14	47.14
2952	7.01	3.13	46.48	47.92	48.74	47.09	47.09	47.09
2953	6.72	3.08	46.45	47.86	48.66	47.05	47.05	47.05
2954	6.88	3.06	46.43	47.76	48.52	47.00	47.00	47.00
2955	6.88	3.02	46.40	47.63	48.32	46.93	46.93	46.93
2956	6.88	3.02	46.35	47.47	48.11	46.83	46.83	46.83
2957	7.68	3.15	46.29	47.29	47.86	46.72	46.72	46.72
2958	6.96	7.57	46.21	47.08	47.57	46.58	46.58	46.58
2959	6.96	6.34	46.23	45.94	45.78	46.11	46.11	46.11
2960	6.96	4.66	45.65	45.73	45.77	45.68	45.68	45.68
2961	5.45	4.92	45.33	46.61	47.34	45.88	45.88	45.88
2962	6.13	5.31	45.60	47.47	48.55	46.40	46.40	46.40
2963	6.13	5.55	45.97	48.12	49.35	46.89	46.89	46.89
2964	6.13	5.86	46.30	48.61	49.93	47.29	47.29	47.29
2965	6.60	6.06	46.57	49.06	50.48	47.64	47.64	47.64
2966	7.67	5.98	46.84	49.44	50.93	47.96	47.96	47.96
2967	7.67	5.85	47.10	49.69	51.17	48.21	48.21	48.21
2968	7.67	5.86	47.29	49.84	51.30	48.38	48.38	48.38
2969	8.07	5.78	47.43	49.97	51.42	48.52	48.52	48.52
2970	8.21	5.80	47.54	50.12	51.59	48.65	48.65	48.65
2971	8.21	5.57	47.67	50.24	51.72	48.77	48.77	48.77
2972	8.21	5.12	47.78	50.26	51.67	48.84	48.84	48.84
2973	8.29	4.71	47.86	50.13	51.43	48.83	48.83	48.83
2974	8.46	4.55	47.86	49.95	51.14	48.76	48.76	48.76

2975	8.46	4.56	47.81	49.83	50.98	48.67	48.67	48.67
2976	8.46	4.64	47.76	49.79	50.94	48.63	48.63	48.63
2977	8.50	4.65	47.75	49.76	50.92	48.61	48.61	48.61
2978	8.37	4.59	47.75	49.70	50.82	48.59	48.59	48.59
2979	8.37	4.54	47.74	49.60	50.67	48.54	48.54	48.54
2980	8.37	4.60	47.71	49.48	50.49	48.47	48.47	48.47
2981	8.46	4.83	47.66	49.35	50.32	48.39	48.39	48.39
2982	8.54	9.24	47.60	49.26	50.21	48.31	48.31	48.31
2983	8.54	8.10	47.68	48.26	48.59	47.93	47.93	47.93
2984	8.54	6.48	47.19	48.00	48.46	47.53	47.53	47.53
2985	8.36	6.39	46.90	48.59	49.55	47.62	47.62	47.62
2986	11.79	6.51	47.07	49.15	50.34	47.96	47.96	47.96
2987	11.79	6.59	47.28	49.71	51.10	48.32	48.32	48.32
2988	11.79	6.80	47.54	50.24	51.78	48.70	48.70	48.70
2989	10.65	6.93	47.81	50.67	52.30	49.04	49.04	49.04
2990	8.39	6.91	48.07	51.02	52.71	49.34	49.34	49.34
2991	8.39	6.86	48.30	51.28	52.98	49.57	49.57	49.57
2992	8.39	6.67	48.48	51.46	53.17	49.76	49.76	49.76
2993	6.76	6.25	48.65	51.52	53.16	49.88	49.88	49.88
2994	4.15	6.02	48.74	51.50	53.07	49.92	49.92	49.92
2995	4.15	5.73	48.79	51.44	52.96	49.93	49.93	49.93
2996	4.15	5.47	48.82	51.34	52.78	49.90	49.90	49.90
2997	-2.88	5.15	48.81	51.22	52.59	49.84	49.84	49.84
2998	-9.11	4.93	48.79	51.05	52.35	49.76	49.76	49.76
2999	-9.11	4.74	48.73	50.90	52.15	49.66	49.66	49.66
3000	-9.11	4.60	48.67	50.77	51.96	49.57	49.57	49.57
3001	-9.43	4.50	48.62	50.62	51.77	49.48	49.48	49.48
3002	-2.93	4.28	48.56	50.42	51.48	49.36	49.36	49.36
3003	-2.93	4.09	48.48	50.14	51.09	49.19	49.19	49.19
3004	-2.93	4.22	48.36	49.82	50.65	48.98	48.98	48.98
3005	1.51	4.62	48.20	49.56	50.34	48.78	48.78	48.78
3006	1.29	9.17	48.04	49.42	50.21	48.63	48.63	48.63
3007	1.29	8.00	48.06	48.42	48.62	48.21	48.21	48.21
3008	1.29	6.19	47.53	48.22	48.62	47.83	47.83	47.83
3009	0.30	5.90	47.25	48.91	49.85	47.96	47.96	47.96
3010	0.55	6.05	47.45	49.53	50.73	48.34	48.34	48.34
3011	0.55	6.39	47.69	50.12	51.51	48.73	48.73	48.73
3012	0.55	6.68	47.96	50.61	52.13	49.10	49.10	49.10
3013	1.10	7.36	48.22	51.06	52.68	49.44	49.44	49.44



3014	2.27	8.05	48.44	51.63	53.45	49.81	49.81	49.81
3015	2.27	8.47	48.74	52.24	54.25	50.24	50.24	50.24
3016	2.27	8.21	49.07	52.77	54.89	50.66	50.66	50.66
3017	2.56	7.61	49.42	52.99	55.03	50.95	50.95	50.95
3018	2.27	7.15	49.64	52.97	54.87	51.07	51.07	51.07
3019	2.27	6.71	49.74	52.86	54.65	51.08	51.08	51.08
3020	2.27	6.17	49.77	52.70	54.37	51.03	51.03	51.03
3021	4.33	5.68	49.76	52.46	54.00	50.92	50.92	50.92
3022	7.28	5.33	49.70	52.18	53.60	50.77	50.77	50.77
3023	7.28	5.07	49.60	51.94	53.27	50.60	50.60	50.60
3024	7.28	4.75	49.50	51.72	52.98	50.45	50.45	50.45
3025	9.03	4.46	49.40	51.48	52.67	50.29	50.29	50.29
3026	10.07	4.28	49.29	51.25	52.37	50.13	50.13	50.13
3027	10.07	4.21	49.17	51.05	52.12	49.98	49.98	49.98
3028	10.07	4.07	49.07	50.83	51.83	49.82	49.82	49.82
3029	10.63	3.85	48.96	50.57	51.49	49.65	49.65	49.65
3030	11.36	7.59	48.83	50.26	51.08	49.44	49.44	49.44
3031	11.36	6.42	48.79	49.07	49.23	48.91	48.91	48.91
3032	11.36	4.92	48.18	48.64	48.91	48.38	48.38	48.38
3033	11.93	4.78	47.79	49.10	49.85	48.35	48.35	48.35
3034	15.63	4.79	47.87	49.55	50.51	48.59	48.59	48.59
3035	15.63	4.99	48.01	49.91	51.00	48.82	48.82	48.82
3036	15.63	5.21	48.15	50.23	51.42	49.04	49.04	49.04
3037	14.85	5.45	48.30	50.51	51.78	49.25	49.25	49.25
3038	13.29	5.92	48.44	50.79	52.13	49.45	49.45	49.45
3039	13.29	6.30	48.58	51.16	52.64	49.68	49.68	49.68
3040	13.29	6.29	48.76	51.52	53.10	49.94	49.94	49.94
3041	12.46	5.84	48.98	51.71	53.27	50.15	50.15	50.15
3042	11.08	5.55	49.13	51.70	53.16	50.23	50.23	50.23
3043	11.08	5.47	49.19	51.63	53.02	50.23	50.23	50.23
3044	11.08	5.56	49.19	51.60	52.97	50.22	50.22	50.22
3045	9.81	5.53	49.20	51.64	53.03	50.24	50.24	50.24
3046	8.73	5.40	49.23	51.66	53.05	50.27	50.27	50.27
3047	8.73	5.27	49.26	51.64	52.99	50.28	50.28	50.28
3048	8.73	5.13	49.28	51.59	52.91	50.27	50.27	50.27
3049	7.83	4.80	49.27	51.53	52.81	50.24	50.24	50.24
3050	6.89	4.36	49.27	51.37	52.56	50.17	50.17	50.17
3051	6.89	3.93	49.23	51.04	52.08	50.01	50.01	50.01
3052	6.89	3.57	49.11	50.63	51.49	49.76	49.76	49.76

3053	6.58	3.34	48.93	50.18	50.90	49.47	49.47	49.47
3054	5.47	3.13	48.72	49.73	50.31	49.15	49.15	49.15
3055	5.47	7.17	48.50	49.25	49.67	48.82	48.82	48.82
3056	5.47	7.33	48.35	47.98	47.77	48.19	48.19	48.19
3057	3.92	6.54	47.72	47.20	46.91	47.50	47.50	47.50
3058	4.60	5.83	47.22	46.90	46.71	47.08	47.08	47.08
3059	4.60	5.05	46.95	46.67	46.51	46.83	46.83	46.83
3060	4.60	4.45	46.74	46.42	46.23	46.60	46.60	46.60
3061	5.56	2.71	46.54	46.18	45.98	46.39	46.39	46.39
3062	7.26	0.59	46.32	46.21	46.14	46.27	46.27	46.27
3063	7.26	0.49	46.24	46.33	46.38	46.27	46.27	46.27
3064	7.26	0.69	46.25	46.18	46.13	46.22	46.22	46.22
3065	8.16	0.54	46.15	46.02	45.94	46.10	46.10	46.10
3066	8.68	0.65	46.04	45.93	45.87	45.99	45.99	45.99
3067	8.68	0.91	45.95	45.88	45.84	45.92	45.92	45.92
3068	8.68	1.47	45.89	45.76	45.69	45.84	45.84	45.84
3069	9.23	2.38	45.82	45.53	45.37	45.70	45.70	45.70
3070	9.74	3.06	45.70	45.23	44.96	45.50	45.50	45.50
3071	9.74	3.58	45.54	44.93	44.59	45.28	45.28	45.28
3072	9.74	4.03	45.36	44.66	44.26	45.06	45.06	45.06
3073	10.21	4.35	45.19	44.40	43.95	44.85	44.85	44.85
3074	10.78	4.53	45.02	44.17	43.68	44.65	44.65	44.65
3075	10.78	4.67	44.85	43.97	43.47	44.48	44.48	44.48
3076	10.78	4.84	44.71	43.80	43.28	44.32	44.32	44.32
3077	11.22	5.05	44.58	43.64	43.10	44.17	44.17	44.17
3078	11.63	5.19	44.45	43.47	42.91	44.03	44.03	44.03
3079	11.63	4.30	44.33	43.32	42.75	43.90	43.90	43.90
3080	11.63	3.04	44.19	43.36	42.88	43.83	43.83	43.83
3081	12.02	2.88	44.11	43.68	43.43	43.92	43.92	43.92
3082	12.24	2.84	44.16	44.20	44.22	44.18	44.18	44.18
3083	12.24	2.89	44.34	44.76	45.00	44.52	44.52	44.52
3084	12.24	3.03	44.58	45.29	45.70	44.89	44.89	44.89
3085	15.81	3.14	44.83	45.82	46.38	45.26	45.26	45.26
3086	15.52	3.18	45.10	46.28	46.96	45.61	45.61	45.61
3087	15.52	3.29	45.37	46.64	47.37	45.91	45.91	45.91
3088	15.52	3.32	45.59	46.94	47.72	46.17	46.17	46.17
3089	13.35	3.23	45.79	47.16	47.94	46.38	46.38	46.38
3090	11.12	3.14	45.95	47.28	48.04	46.52	46.52	46.52
3091	11.12	2.94	46.07	47.35	48.08	46.62	46.62	46.62

3092	11.12	2.76	46.17	47.27	47.90	46.64	46.64	46.64
3093	9.45	2.63	46.21	47.00	47.45	46.55	46.55	46.55
3094	8.03	2.82	46.14	46.62	46.89	46.35	46.35	46.35
3095	8.03	3.07	46.00	46.22	46.35	46.10	46.10	46.10
3096	8.03	3.21	45.81	45.93	45.99	45.86	45.86	45.86
3097	5.05	3.32	45.66	45.68	45.69	45.67	45.67	45.67
3098	2.41	3.43	45.51	45.47	45.45	45.49	45.49	45.49
3099	2.41	3.50	45.38	45.32	45.29	45.36	45.36	45.36
3100	2.41	3.54	45.28	45.20	45.16	45.24	45.24	45.24
3101	2.01	3.56	45.19	45.09	45.03	45.15	45.15	45.15
3102	2.08	8.12	45.11	44.98	44.90	45.05	45.05	45.05
3103	2.08	6.79	45.13	44.08	43.48	44.68	44.68	44.68
3104	2.08	4.23	44.66	43.97	43.58	44.36	44.36	44.36
3105	2.45	3.41	44.45	44.49	44.52	44.47	44.47	44.47
3106	3.12	2.91	44.58	45.01	45.26	44.76	44.76	44.76
3107	3.12	2.67	44.77	45.46	45.85	45.07	45.07	45.07
3108	3.12	2.59	44.98	45.79	46.25	45.33	45.33	45.33
3109	4.15	2.56	45.16	46.06	46.57	45.55	45.55	45.55
3110	5.09	2.54	45.31	46.28	46.82	45.73	45.73	45.73
3111	5.09	2.53	45.45	46.44	47.01	45.88	45.88	45.88
3112	5.09	2.43	45.56	46.58	47.17	46.00	46.00	46.00
3113	5.81	2.06	45.66	46.66	47.23	46.09	46.09	46.09
3114	6.58	1.85	45.74	46.67	47.20	46.14	46.14	46.14
3115	6.58	1.51	45.78	46.62	47.10	46.14	46.14	46.14
3116	6.58	1.14	45.80	46.48	46.87	46.09	46.09	46.09
3117	7.19	0.81	45.77	46.22	46.47	45.96	45.96	45.96
3118	7.88	0.62	45.68	45.89	46.01	45.77	45.77	45.77
3119	7.88	0.95	45.54	45.55	45.55	45.54	45.54	45.54
3120	7.88	1.70	45.38	45.20	45.10	45.30	45.30	45.30
3121	8.80	2.56	45.20	44.87	44.68	45.06	45.06	45.06
3122	9.23	3.57	45.03	44.53	44.24	44.81	44.81	44.81
3123	9.23	4.53	44.84	44.15	43.75	44.55	44.55	44.55
3124	9.23	5.28	44.64	43.76	43.25	44.26	44.26	44.26
3125	9.36	5.81	44.42	43.39	42.80	43.98	43.98	43.98
3126	9.71	10.79	44.19	43.07	42.43	43.71	43.71	43.71
3127	9.71	8.54	44.09	42.01	40.82	43.20	43.20	43.20
3128	9.71	3.88	43.49	41.85	40.91	42.78	42.78	42.78
3129	10.19	2.74	43.19	42.51	42.12	42.90	42.90	42.90
3130	10.81	2.50	43.31	43.38	43.42	43.34	43.34	43.34

3131	10.81	2.53	43.63	44.20	44.53	43.87	43.87	43.87
3132	10.81	2.76	44.00	44.83	45.31	44.35	44.35	44.35
3133	11.33	3.06	44.32	45.37	45.98	44.77	44.77	44.77
3134	10.44	3.34	44.62	45.85	46.56	45.15	45.15	45.15
3135	10.44	3.67	44.89	46.30	47.10	45.49	45.49	45.49
3136	10.44	3.77	45.15	46.75	47.66	45.83	45.83	45.83
3137	8.25	3.50	45.43	47.06	47.99	46.13	46.13	46.13
3138	5.81	3.38	45.66	47.24	48.14	46.33	46.33	46.33
3139	5.81	3.23	45.82	47.34	48.22	46.47	46.47	46.47
3140	5.81	3.01	45.94	47.39	48.23	46.56	46.56	46.56
3141	3.90	2.80	46.02	47.38	48.16	46.61	46.61	46.61
3142	2.84	2.44	46.07	47.34	48.06	46.61	46.61	46.61
3143	2.84	2.08	46.10	47.20	47.83	46.57	46.57	46.57
3144	2.84	2.10	46.08	47.02	47.56	46.49	46.49	46.49
3145	2.52	1.87	46.01	46.95	47.49	46.41	46.41	46.41
3146	2.07	1.29	46.01	46.71	47.11	46.31	46.31	46.31
3147	2.07	1.17	45.94	46.24	46.41	46.07	46.07	46.07
3148	2.07	1.36	45.75	45.81	45.84	45.77	45.77	45.77
3149	1.63	1.71	45.53	45.47	45.44	45.51	45.51	45.51
3150	1.89	6.59	45.34	45.21	45.14	45.29	45.29	45.29
3151	1.89	5.68	45.28	44.20	43.58	44.82	44.82	44.82
3152	1.89	4.01	44.72	44.14	43.81	44.47	44.47	44.47
3153	2.99	4.21	44.45	45.11	45.49	44.74	44.74	44.74
3154	4.01	4.70	44.74	46.18	47.00	45.36	45.36	45.36
3155	4.01	5.03	45.18	47.06	48.14	45.99	45.99	45.99
3156	4.01	5.36	45.63	47.72	48.91	46.52	46.52	46.52
3157	4.54	5.73	46.00	48.28	49.59	46.98	46.98	46.98
3158	5.12	5.93	46.33	48.82	50.25	47.40	47.40	47.40
3159	5.12	5.98	46.66	49.27	50.77	47.78	47.78	47.78
3160	5.12	5.76	46.97	49.61	51.12	48.10	48.10	48.10
3161	5.78	5.21	47.23	49.76	51.20	48.31	48.31	48.31
3162	6.15	4.79	47.41	49.73	51.06	48.41	48.41	48.41
3163	6.15	4.56	47.50	49.63	50.84	48.41	48.41	48.41
3164	6.15	4.61	47.51	49.54	50.71	48.38	48.38	48.38
3165	6.36	4.67	47.51	49.56	50.74	48.39	48.39	48.39
3166	6.68	4.60	47.54	49.62	50.81	48.43	48.43	48.43
3167	6.68	4.64	47.60	49.65	50.82	48.48	48.48	48.48
3168	6.68	4.67	47.63	49.70	50.88	48.52	48.52	48.52
3169	6.88	4.56	47.68	49.76	50.94	48.57	48.57	48.57

3170	7.04	4.43	47.74	49.77	50.92	48.61	48.61	48.61
3171	7.04	4.36	47.77	49.72	50.83	48.61	48.61	48.61
3172	7.04	4.30	47.78	49.63	50.68	48.57	48.57	48.57
3173	7.21	4.25	47.77	49.51	50.50	48.52	48.52	48.52
3174	7.25	8.22	47.74	49.38	50.33	48.44	48.44	48.44
3175	7.25	6.95	47.81	48.36	48.68	48.05	48.05	48.05
3176	7.25	5.39	47.31	48.15	48.64	47.67	47.67	47.67
3177	7.28	5.51	47.04	48.84	49.86	47.81	47.81	47.81
3178	10.97	5.83	47.26	49.44	50.69	48.19	48.19	48.19
3179	10.97	6.03	47.52	49.92	51.29	48.55	48.55	48.55
3180	10.97	6.31	47.76	50.30	51.74	48.85	48.85	48.85
3181	9.94	6.42	47.97	50.67	52.21	49.13	49.13	49.13
3182	7.95	6.28	48.20	50.98	52.58	49.39	49.39	49.39
3183	7.95	5.94	48.41	51.15	52.72	49.58	49.58	49.58
3184	7.95	5.65	48.56	51.17	52.65	49.68	49.68	49.68
3185	7.30	5.42	48.64	51.10	52.51	49.70	49.70	49.70
3186	6.81	5.27	48.66	51.06	52.42	49.69	49.69	49.69
3187	6.81	5.01	48.68	51.01	52.34	49.68	49.68	49.68
3188	6.81	4.75	48.69	50.91	52.17	49.64	49.64	49.64
3189	6.26	4.46	48.68	50.77	51.97	49.58	49.58	49.58
3190	5.70	4.23	48.64	50.61	51.73	49.49	49.49	49.49
3191	5.70	4.16	48.58	50.45	51.52	49.38	49.38	49.38
3192	5.70	4.05	48.51	50.35	51.40	49.30	49.30	49.30
3193	5.21	3.94	48.46	50.25	51.28	49.23	49.23	49.23
3194	4.85	3.91	48.41	50.15	51.14	49.15	49.15	49.15
3195	4.85	3.91	48.36	50.01	50.96	49.07	49.07	49.07
3196	4.85	4.02	48.30	49.87	50.77	48.98	48.98	48.98
3197	5.29	4.26	48.23	49.79	50.69	48.90	48.90	48.90
3198	4.55	8.44	48.17	49.78	50.71	48.86	48.86	48.86
3199	4.55	7.40	48.26	48.94	49.33	48.55	48.55	48.55
3200	4.55	6.36	47.81	48.97	49.64	48.31	48.31	48.31
3201	3.04	7.13	47.63	49.97	51.31	48.64	48.64	48.64
3202	3.57	7.56	47.98	50.91	52.58	49.24	49.24	49.24
3203	3.57	7.66	48.42	51.58	53.39	49.77	49.77	49.77
3204	3.57	7.77	48.79	52.05	53.91	50.19	50.19	50.19
3205	4.10	7.83	49.09	52.43	54.34	50.52	50.52	50.52
3206	5.24	7.84	49.34	52.74	54.68	50.80	50.80	50.80
3207	5.24	7.64	49.57	52.98	54.93	51.03	51.03	51.03
3208	5.24	7.11	49.76	53.09	54.99	51.19	51.19	51.19

3209	5.78	6.35	49.91	52.99	54.75	51.23	51.23	51.23
3210	6.48	5.70	49.97	52.74	54.32	51.15	51.15	51.15
3211	6.48	5.30	49.92	52.41	53.83	50.99	50.99	50.99
3212	6.48	4.98	49.81	52.13	53.45	50.80	50.80	50.80
3213	7.39	4.65	49.70	51.88	53.12	50.63	50.63	50.63
3214	8.03	4.37	49.59	51.62	52.79	50.46	50.46	50.46
3215	8.03	4.00	49.47	51.39	52.48	50.29	50.29	50.29
3216	8.03	3.65	49.36	51.11	52.11	50.11	50.11	50.11
3217	8.25	3.52	49.23	50.78	51.67	49.89	49.89	49.89
3218	8.28	3.52	49.06	50.48	51.29	49.67	49.67	49.67
3219	8.28	3.50	48.90	50.23	51.00	49.47	49.47	49.47
3220	8.28	3.41	48.75	50.02	50.74	49.29	49.29	49.29
3221	8.16	3.27	48.62	49.75	50.39	49.10	49.10	49.10
3222	8.13	3.10	48.49	49.37	49.87	48.86	48.86	48.86
3223	8.13	7.73	48.30	48.92	49.28	48.57	48.57	48.57
3224	8.13	8.82	48.14	47.94	47.82	48.05	48.05	48.05
3225	8.05	8.88	47.57	47.84	47.99	47.68	47.68	47.68
3226	11.61	8.97	47.32	48.45	49.09	47.80	47.80	47.80
3227	11.61	8.86	47.44	49.28	50.33	48.23	48.23	48.23
3228	11.61	8.79	47.74	50.07	51.40	48.74	48.74	48.74
3229	10.50	8.34	48.09	50.80	52.34	49.25	49.25	49.25
3230	8.29	7.38	48.45	51.50	53.24	49.76	49.76	49.76
3231	8.29	7.49	48.83	52.08	53.94	50.22	50.22	50.22
3232	8.29	7.54	49.18	52.47	54.35	50.59	50.59	50.59
3233	7.04	7.41	49.45	52.75	54.64	50.87	50.87	50.87
3234	5.69	7.21	49.68	52.92	54.77	51.07	51.07	51.07
3235	5.69	7.02	49.84	52.99	54.79	51.19	51.19	51.19
3236	5.69	6.78	49.96	53.02	54.77	51.27	51.27	51.27
3237	4.31	6.59	50.03	52.99	54.68	51.30	51.30	51.30
3238	3.22	6.36	50.08	52.90	54.51	51.29	51.29	51.29
3239	3.22	6.15	50.09	52.76	54.28	51.23	51.23	51.23
3240	3.22	5.95	50.06	52.60	54.05	51.15	51.15	51.15
3241	2.34	5.95	50.02	52.41	53.78	51.05	51.05	51.05
3242	1.65	6.19	49.95	52.23	53.54	50.93	50.93	50.93
3243	1.65	6.40	49.87	52.10	53.37	50.83	50.83	50.83
3244	1.65	6.49	49.81	51.98	53.23	50.74	50.74	50.74
3245	1.49	6.50	49.75	51.85	53.05	50.65	50.65	50.65
3246	1.13	6.45	49.69	51.71	52.86	50.55	50.55	50.55
3247	1.13	6.48	49.62	51.56	52.67	50.45	50.45	50.45

3248	1.13	6.56	49.53	51.51	52.63	50.38	50.38	50.38
3249	-0.01	6.58	49.48	51.55	52.74	50.37	50.37	50.37
3250	0.31	6.93	49.47	51.66	52.91	50.41	50.41	50.41
3251	0.31	7.51	49.48	51.97	53.39	50.55	50.55	50.55
3252	0.31	8.15	49.57	52.48	54.15	50.82	50.82	50.82
3253	1.05	8.34	49.78	53.10	55.00	51.21	51.21	51.21
3254	2.20	7.96	50.09	53.57	55.56	51.58	51.58	51.58
3255	2.20	7.62	50.39	53.73	55.64	51.82	51.82	51.82
3256	2.20	7.39	50.55	53.75	55.58	51.92	51.92	51.92
3257	3.27	7.37	50.63	53.73	55.50	51.96	51.96	51.96
3258	4.30	7.39	50.67	53.76	55.52	51.99	51.99	51.99
3259	4.30	7.25	50.71	53.80	55.57	52.04	52.04	52.04
3260	4.30	7.13	50.77	53.75	55.45	52.05	52.05	52.05
3261	5.23	6.95	50.80	53.55	55.11	51.98	51.98	51.98
3262	5.84	6.95	50.76	53.25	54.68	51.83	51.83	51.83
3263	5.84	7.19	50.65	52.97	54.29	51.64	51.64	51.64
3264	5.84	7.34	50.51	52.78	54.07	51.48	51.48	51.48
3265	6.26	7.39	50.41	52.64	53.91	51.37	51.37	51.37
3266	6.77	7.43	50.33	52.51	53.75	51.26	51.26	51.26
3267	6.77	7.46	50.26	52.38	53.59	51.17	51.17	51.17
3268	6.77	7.42	50.19	52.26	53.44	51.07	51.07	51.07
3269	7.11	7.35	50.12	52.11	53.25	50.97	50.97	50.97
3270	7.27	11.36	50.04	51.95	53.04	50.86	50.86	50.86
3271	7.27	9.81	50.08	50.85	51.30	50.41	50.41	50.41
3272	7.27	7.90	49.53	50.50	51.05	49.95	49.95	49.95
3273	7.41	7.43	49.19	51.01	52.04	49.97	49.97	49.97
3274	11.17	6.64	49.30	51.50	52.75	50.24	50.24	50.24
3275	11.17	5.53	49.50	51.70	52.96	50.45	50.45	50.45
3276	11.17	4.62	49.65	51.54	52.61	50.46	50.46	50.46
3277	10.17	3.95	49.63	51.19	52.08	50.30	50.30	50.30
3278	7.30	3.58	49.49	50.82	51.58	50.06	50.06	50.06
3279	7.30	3.13	49.32	50.54	51.24	49.84	49.84	49.84
3280	7.30	2.71	49.17	50.22	50.82	49.62	49.62	49.62
3281	5.08	1.96	49.00	49.91	50.44	49.39	49.39	49.39
3282	3.23	1.54	48.83	49.61	50.05	49.16	49.16	49.16
3283	3.23	1.22	48.66	49.20	49.51	48.89	48.89	48.89
3284	3.23	1.20	48.44	48.80	49.01	48.60	48.60	48.60
3285	1.59	1.31	48.20	48.52	48.70	48.34	48.34	48.34
3286	-0.35	1.57	48.02	48.23	48.35	48.11	48.11	48.11

3287	-0.35	1.99	47.82	47.99	48.09	47.90	47.90	47.90
3288	-0.35	2.40	47.65	47.85	47.97	47.73	47.73	47.73
3289	-2.23	2.75	47.51	47.75	47.88	47.62	47.62	47.62
3290	-3.57	2.97	47.42	47.61	47.72	47.50	47.50	47.50
3291	-3.57	3.16	47.32	47.42	47.48	47.36	47.36	47.36
3292	-3.57	3.36	47.19	47.21	47.22	47.20	47.20	47.20
3293	-4.32	3.55	47.06	47.01	46.99	47.04	47.04	47.04
3294	-4.61	8.00	46.92	46.84	46.79	46.89	46.89	46.89
3295	-4.61	6.60	46.91	45.81	45.19	46.44	46.44	46.44
3296	-4.61	4.37	46.37	45.49	44.99	45.99	45.99	45.99
3297	-4.68	3.65	46.04	45.89	45.80	45.97	45.97	45.97
3298	-4.06	3.14	46.09	46.26	46.35	46.16	46.16	46.16
3299	-4.06	2.99	46.19	46.61	46.86	46.37	46.37	46.37
3300	-4.06	3.02	46.31	46.97	47.35	46.60	46.60	46.60
3301	-2.69	3.09	46.46	47.33	47.83	46.83	46.83	46.83
3302	-1.36	3.21	46.62	47.66	48.25	47.06	47.06	47.06
3303	-1.36	3.29	46.78	47.94	48.61	47.28	47.28	47.28
3304	-1.36	3.31	46.93	48.19	48.91	47.47	47.47	47.47
3305	-0.92	3.03	47.08	48.41	49.18	47.65	47.65	47.65
3306	-0.12	2.93	47.21	48.57	49.34	47.79	47.79	47.79
3307	-0.12	2.82	47.32	48.63	49.38	47.88	47.88	47.88
3308	-0.12	2.74	47.39	48.65	49.37	47.93	47.93	47.93
3309	1.18	2.70	47.43	48.65	49.34	47.95	47.95	47.95
3310	1.87	2.75	47.45	48.64	49.32	47.96	47.96	47.96
3311	1.87	3.00	47.46	48.65	49.33	47.97	47.97	47.97
3312	1.87	3.22	47.47	48.69	49.38	47.99	47.99	47.99
3313	2.22	3.39	47.49	48.74	49.45	48.03	48.03	48.03
3314	2.62	3.56	47.53	48.78	49.50	48.06	48.06	48.06
3315	2.62	3.78	47.56	48.80	49.51	48.09	48.09	48.09
3316	2.62	3.99	47.58	48.79	49.48	48.10	48.10	48.10
3317	2.99	4.23	47.59	48.74	49.40	48.08	48.08	48.08
3318	3.32	8.64	47.58	48.67	49.29	48.04	48.04	48.04
3319	3.32	7.29	47.67	47.69	47.70	47.68	47.68	47.68
3320	3.32	5.34	47.19	47.43	47.57	47.30	47.30	47.30
3321	3.49	4.95	46.92	48.01	48.64	47.39	47.39	47.39
3322	7.33	4.96	47.08	48.56	49.41	47.72	47.72	47.72
3323	7.33	5.27	47.30	49.08	50.10	48.06	48.06	48.06
3324	7.33	5.71	47.53	49.63	50.83	48.43	48.43	48.43
3325	6.24	6.25	47.79	50.16	51.52	48.81	48.81	48.81



3326	4.01	6.81	48.07	50.72	52.23	49.21	49.21	49.21
3327	4.01	7.45	48.36	51.30	52.98	49.62	49.62	49.62
3328	4.01	7.71	48.67	51.92	53.77	50.06	50.06	50.06
3329	2.96	7.47	49.04	52.36	54.26	50.46	50.46	50.46
3330	1.92	7.40	49.35	52.62	54.49	50.75	50.75	50.75
3331	1.92	7.10	49.57	52.81	54.66	50.96	50.96	50.96
3332	1.92	6.66	49.75	52.86	54.63	51.08	51.08	51.08
3333	1.67	6.18	49.87	52.78	54.44	51.12	51.12	51.12
3334	1.08	5.90	49.92	52.62	54.16	51.08	51.08	51.08
3335	1.08	5.75	49.91	52.48	53.95	51.01	51.01	51.01
3336	1.08	5.58	49.88	52.39	53.83	50.95	50.95	50.95
3337	-0.01	5.42	49.86	52.29	53.69	50.90	50.90	50.90
3338	-0.74	5.34	49.83	52.20	53.56	50.85	50.85	50.85
3339	-0.74	5.29	49.81	52.11	53.43	50.80	50.80	50.80
3340	-0.74	5.41	49.78	52.00	53.28	50.73	50.73	50.73
3341	-1.18	5.71	49.73	51.97	53.25	50.69	50.69	50.69
3342	-0.96	9.83	49.70	52.04	53.37	50.70	50.70	50.70
3343	-0.96	8.81	49.83	51.29	52.12	50.46	50.46	50.46
3344	-0.96	7.78	49.44	51.38	52.49	50.27	50.27	50.27
3345	-1.40	8.36	49.33	52.30	54.00	50.60	50.60	50.60
3346	-0.36	9.04	49.68	53.10	55.06	51.15	51.15	51.15
3347	-0.36	9.32	50.05	53.81	55.96	51.66	51.66	51.66
3348	-0.36	9.69	50.43	54.36	56.60	52.11	52.11	52.11
3349	0.72	10.14	50.75	54.87	57.23	52.52	52.52	52.52
3350	1.46	10.42	51.06	55.40	57.88	52.92	52.92	52.92
3351	1.46	10.50	51.39	55.85	58.40	53.30	53.30	53.30
3352	1.46	9.96	51.69	56.19	58.76	53.62	53.62	53.62
3353	1.92	9.25	51.97	56.22	58.65	53.79	53.79	53.79
3354	2.15	8.67	52.12	56.07	58.33	53.81	53.81	53.81
3355	2.15	8.23	52.15	55.86	57.98	53.74	53.74	53.74
3356	2.15	7.92	52.12	55.64	57.66	53.63	53.63	53.63
3357	2.43	7.54	52.07	55.46	57.40	53.52	53.52	53.52
3358	2.57	7.22	52.02	55.25	57.10	53.40	53.40	53.40
3359	2.57	7.01	51.94	55.04	56.81	53.27	53.27	53.27
3360	2.57	6.78	51.86	54.87	56.59	53.15	53.15	53.15
3361	1.64	6.58	51.78	54.70	56.36	53.03	53.03	53.03
3362	0.61	6.51	51.70	54.53	56.15	52.92	52.92	52.92
3363	0.61	6.44	51.62	54.42	56.02	52.82	52.82	52.82
3364	0.61	6.41	51.56	54.33	55.92	52.75	52.75	52.75

3365	0.96	6.42	51.51	54.25	55.82	52.68	52.68	52.68
3366	1.86	9.50	51.47	54.16	55.70	52.62	52.62	52.62
3367	1.86	8.32	51.51	53.36	54.42	52.30	52.30	52.30
3368	1.86	7.99	51.08	53.39	54.70	52.07	52.07	52.07
3369	2.63	8.76	50.94	54.13	55.94	52.31	52.31	52.31
3370	6.76	9.40	51.19	54.81	56.87	52.74	52.74	52.74
3371	6.76	9.65	51.49	55.42	57.66	53.17	53.17	53.17
3372	6.76	10.02	51.81	55.88	58.21	53.55	53.55	53.55
3373	6.54	10.42	52.07	56.33	58.76	53.90	53.90	53.90
3374	5.89	10.79	52.33	56.77	59.30	54.23	54.23	54.23
3375	5.89	10.79	52.59	57.18	59.81	54.56	54.56	54.56
3376	5.89	10.44	52.87	57.45	60.08	54.83	54.83	54.83
3377	6.41	10.18	53.09	57.51	60.04	54.99	54.99	54.99
3378	6.42	10.04	53.21	57.52	59.99	55.06	55.06	55.06
3379	6.42	9.71	53.28	57.54	59.97	55.11	55.11	55.11
3380	6.42	9.18	53.35	57.46	59.81	55.11	55.11	55.11
3381	6.21	8.56	53.39	57.27	59.49	55.05	55.05	55.05
3382	5.78	8.24	53.36	56.98	59.06	54.91	54.91	54.91
3383	5.78	8.09	53.26	56.75	58.75	54.76	54.76	54.76
3384	5.78	7.93	53.16	56.59	58.55	54.63	54.63	54.63
3385	4.94	7.90	53.08	56.45	58.38	54.53	54.53	54.53
3386	4.21	7.94	53.01	56.37	58.29	54.45	54.45	54.45
3387	4.21	7.97	52.96	56.34	58.27	54.41	54.41	54.41
3388	4.21	7.60	52.93	56.33	58.27	54.39	54.39	54.39
3389	4.49	6.82	52.94	56.18	58.02	54.33	54.33	54.33
3390	4.26	6.11	52.91	55.82	57.47	54.16	54.16	54.16
3391	4.26	8.18	52.78	55.34	56.80	53.87	53.87	53.87
3392	4.26	7.19	52.68	54.02	54.78	53.25	53.25	53.25
3393	3.08	5.64	52.11	52.74	53.11	52.38	52.38	52.38
3394	3.55	4.91	51.48	51.68	51.80	51.57	51.57	51.57
3395	3.55	4.69	50.87	50.91	50.94	50.89	50.89	50.89
3396	3.55	4.46	50.34	50.49	50.58	50.41	50.41	50.41
3397	4.58	3.41	49.98	50.23	50.38	50.09	50.09	50.09
3398	6.44	2.07	49.70	50.25	50.57	49.94	49.94	49.94
3399	6.44	2.12	49.56	50.44	50.95	49.94	49.94	49.94
3400	6.44	2.08	49.56	50.45	50.96	49.94	49.94	49.94
3401	7.52	1.98	49.52	50.38	50.87	49.89	49.89	49.89
3402	8.06	1.99	49.45	50.25	50.71	49.79	49.79	49.79
3403	8.06	1.99	49.36	50.08	50.49	49.67	49.67	49.67

3404	8.06	1.97	49.25	49.88	50.24	49.52	49.52	49.52
3405	8.48	2.12	49.12	49.65	49.95	49.35	49.35	49.35
3406	8.98	2.27	48.99	49.33	49.53	49.14	49.14	49.14
3407	8.98	2.34	48.82	48.94	49.01	48.87	48.87	48.87
3408	8.98	2.36	48.61	48.51	48.45	48.56	48.56	48.56
3409	9.59	2.52	48.36	48.06	47.89	48.24	48.24	48.24
3410	10.31	2.92	48.10	47.68	47.44	47.92	47.92	47.92
3411	10.31	3.46	47.84	47.42	47.18	47.66	47.66	47.66
3412	10.31	3.76	47.63	47.22	46.99	47.46	47.46	47.46
3413	10.91	3.79	47.47	47.05	46.81	47.29	47.29	47.29
3414	11.34	3.74	47.31	46.90	46.66	47.14	47.14	47.14
3415	11.34	3.68	47.18	46.79	46.56	47.01	47.01	47.01
3416	11.34	3.54	47.06	46.74	46.55	46.92	46.92	46.92
3417	11.74	3.30	46.97	46.74	46.62	46.87	46.87	46.87
3418	12.02	3.19	46.91	46.80	46.74	46.87	46.87	46.87
3419	12.02	3.28	46.87	47.00	47.07	46.93	46.93	46.93
3420	12.02	3.46	46.89	47.37	47.65	47.10	47.10	47.10
3421	15.66	3.83	47.01	47.82	48.28	47.36	47.36	47.36
3422	15.25	4.30	47.18	48.33	48.99	47.67	47.67	47.67
3423	15.25	4.77	47.40	48.89	49.74	48.04	48.04	48.04
3424	15.25	5.17	47.66	49.46	50.48	48.43	48.43	48.43
3425	13.37	5.40	47.94	50.01	51.20	48.83	48.83	48.83
3426	12.11	5.75	48.24	50.48	51.75	49.20	49.20	49.20
3427	12.11	5.93	48.51	50.90	52.27	49.54	49.54	49.54
3428	12.11	5.81	48.79	51.18	52.54	49.81	49.81	49.81
3429	11.02	5.72	49.02	51.13	52.33	49.92	49.92	49.92
3430	9.78	5.67	49.11	50.88	51.89	49.87	49.87	49.87
3431	9.78	5.58	49.08	50.55	51.39	49.71	49.71	49.71
3432	9.78	5.43	48.97	50.21	50.92	49.50	49.50	49.50
3433	6.42	5.37	48.84	49.86	50.44	49.28	49.28	49.28
3434	3.79	5.46	48.68	49.55	50.04	49.05	49.05	49.05
3435	3.79	5.54	48.51	49.34	49.81	48.87	48.87	48.87
3436	3.79	5.53	48.39	49.18	49.63	48.73	48.73	48.73
3437	3.90	5.54	48.29	49.00	49.41	48.59	48.59	48.59
3438	3.84	9.74	48.18	48.82	49.19	48.46	48.46	48.46
3439	3.84	8.29	48.19	47.74	47.48	48.00	48.00	48.00
3440	3.84	6.32	47.64	47.42	47.30	47.54	47.54	47.54
3441	3.96	5.70	47.30	47.99	48.38	47.59	47.59	47.59
3442	4.35	5.53	47.42	48.58	49.24	47.92	47.92	47.92

3443	4.35	5.96	47.61	49.30	50.26	48.33	48.33	48.33
3444	4.35	6.68	47.89	50.13	51.42	48.85	48.85	48.85
3445	5.41	7.45	48.26	50.98	52.53	49.43	49.43	49.43
3446	6.64	8.15	48.68	51.78	53.55	50.01	50.01	50.01
3447	6.64	8.88	49.11	52.56	54.54	50.59	50.59	50.59
3448	6.64	8.59	49.54	53.35	55.53	51.17	51.17	51.17
3449	7.49	7.24	50.03	53.71	55.81	51.61	51.61	51.61
3450	8.27	6.10	50.39	53.54	55.33	51.74	51.74	51.74
3451	8.27	5.46	50.48	53.13	54.64	51.62	51.62	51.62
3452	8.27	5.40	50.40	52.77	54.13	51.42	51.42	51.42
3453	8.63	5.38	50.27	52.62	53.97	51.28	51.28	51.28
3454	8.79	5.22	50.21	52.56	53.89	51.22	51.22	51.22
3455	8.79	5.09	50.19	52.47	53.77	51.17	51.17	51.17
3456	8.79	5.01	50.16	52.38	53.65	51.11	51.11	51.11
3457	8.90	5.12	50.14	52.27	53.49	51.05	51.05	51.05
3458	9.13	5.44	50.09	52.18	53.38	50.99	50.99	50.99
3459	9.13	5.74	50.04	52.23	53.48	50.98	50.98	50.98
3460	9.13	5.96	50.04	52.33	53.63	51.02	51.02	51.02
3461	9.47	6.13	50.09	52.39	53.70	51.07	51.07	51.07
3462	9.55	10.32	50.13	52.35	53.62	51.08	51.08	51.08
3463	9.55	9.02	50.26	51.34	51.96	50.72	50.72	50.72
3464	9.55	7.39	49.78	51.13	51.90	50.36	50.36	50.36
3465	9.64	7.26	49.51	51.86	53.20	50.52	50.52	50.52
3466	9.69	7.63	49.75	52.52	54.10	50.94	50.94	50.94
3467	9.69	8.21	50.02	53.12	54.89	51.35	51.35	51.35
3468	9.69	8.87	50.31	53.71	55.65	51.77	51.77	51.77
3469	9.64	9.70	50.61	54.34	56.47	52.21	52.21	52.21
3470	8.68	10.45	50.93	55.06	57.42	52.70	52.70	52.70
3471	8.68	10.93	51.31	55.78	58.34	53.23	53.23	53.23
3472	8.68	10.94	51.73	56.40	59.07	53.73	53.73	53.73
3473	7.10	10.61	52.13	56.78	59.44	54.12	54.12	54.12
3474	5.63	10.41	52.44	56.97	59.55	54.38	54.38	54.38
3475	5.63	9.66	52.64	57.08	59.61	54.54	54.54	54.54
3476	5.63	8.52	52.82	56.93	59.28	54.58	54.58	54.58
3477	4.37	7.40	52.89	56.51	58.58	54.44	54.44	54.44
3478	3.13	6.59	52.80	55.95	57.75	54.15	54.15	54.15
3479	3.13	6.17	52.61	55.42	57.02	53.81	53.81	53.81
3480	3.13	5.70	52.37	55.01	56.52	53.50	53.50	53.50
3481	2.12	5.30	52.18	54.62	56.02	53.22	53.22	53.22

3482	0.91	5.15	51.98	54.26	55.56	52.95	52.95	52.95
3483	0.91	5.02	51.78	53.99	55.26	52.73	52.73	52.73
3484	0.91	5.03	51.62	53.77	55.00	52.54	52.54	52.54
3485	0.00	5.16	51.48	53.56	54.75	52.37	52.37	52.37
3486	-0.27	8.72	51.34	53.41	54.60	52.23	52.23	52.23
3487	-0.27	7.61	51.34	52.50	53.17	51.84	51.84	51.84
3488	-0.27	7.31	50.83	52.51	53.47	51.55	51.55	51.55
3489	0.54	8.37	50.62	53.47	55.10	51.84	51.84	51.84
3490	1.87	9.21	50.94	54.37	56.34	52.41	52.41	52.41
3491	1.87	9.74	51.32	55.17	57.36	52.97	52.97	52.97
3492	1.87	10.37	51.72	55.83	58.18	53.48	53.48	53.48
3493	2.55	10.91	52.07	56.48	59.00	53.96	53.96	53.96
3494	3.21	11.06	52.44	57.08	59.73	54.43	54.43	54.43
3495	3.21	10.73	52.81	57.51	60.19	54.82	54.82	54.82
3496	3.21	10.03	53.13	57.68	60.28	55.08	55.08	55.08
3497	3.63	9.56	53.35	57.58	60.00	55.16	55.16	55.16
3498	3.99	9.33	53.41	57.46	59.77	55.14	55.14	55.14
3499	3.99	8.97	53.42	57.37	59.62	55.11	55.11	55.11
3500	3.99	8.39	53.43	57.23	59.40	55.06	55.06	55.06
3501	4.34	7.69	53.43	56.98	59.01	54.95	54.95	54.95
3502	4.55	7.25	53.36	56.62	58.48	54.76	54.76	54.76
3503	4.55	7.06	53.22	56.30	58.06	54.54	54.54	54.54
3504	4.55	6.84	53.07	56.08	57.79	54.36	54.36	54.36
3505	5.00	6.69	52.96	55.87	57.54	54.21	54.21	54.21
3506	5.47	6.67	52.85	55.70	57.33	54.07	54.07	54.07
3507	5.47	6.64	52.75	55.59	57.22	53.97	53.97	53.97
3508	5.47	6.59	52.67	55.51	57.13	53.89	53.89	53.89
3509	6.07	6.61	52.61	55.43	57.04	53.82	53.82	53.82
3510	6.41	9.37	52.56	55.38	56.98	53.77	53.77	53.77
3511	6.41	7.97	52.60	54.70	55.89	53.50	53.50	53.50
3512	6.41	7.78	52.23	54.77	56.22	53.32	53.32	53.32
3513	6.37	8.26	52.14	55.28	57.08	53.49	53.49	53.49
3514	10.10	8.94	52.32	55.73	57.67	53.78	53.78	53.78
3515	10.10	9.75	52.50	56.23	58.37	54.10	54.10	54.10
3516	10.10	10.65	52.72	56.84	59.19	54.48	54.48	54.48
3517	8.93	11.14	53.00	57.51	60.09	54.93	54.93	54.93
3518	6.49	11.04	53.35	58.07	60.76	55.37	55.37	55.37
3519	6.49	10.37	53.70	58.36	61.02	55.70	55.70	55.70
3520	6.49	9.45	53.96	58.33	60.83	55.83	55.83	55.83

3521	5.13	9.23	54.07	58.05	60.32	55.78	55.78	55.78
3522	3.85	9.19	54.01	57.90	60.12	55.68	55.68	55.68
3523	3.85	8.91	53.98	57.85	60.06	55.64	55.64	55.64
3524	3.85	8.54	53.98	57.74	59.89	55.59	55.59	55.59
3525	2.86	8.11	53.96	57.56	59.62	55.51	55.51	55.51
3526	2.06	7.49	53.91	57.33	59.29	55.38	55.38	55.38
3527	2.06	6.77	53.84	57.00	58.81	55.19	55.19	55.19
3528	2.06	6.06	53.71	56.58	58.21	54.94	54.94	54.94
3529	1.55	5.59	53.53	56.10	57.57	54.63	54.63	54.63
3530	1.33	5.25	53.29	55.67	57.03	54.31	54.31	54.31
3531	1.33	4.87	53.07	55.30	56.58	54.02	54.02	54.02
3532	1.33	4.82	52.86	54.93	56.12	53.75	53.75	53.75
3533	1.58	5.02	52.63	54.70	55.87	53.52	53.52	53.52
3534	2.18	8.01	52.45	54.59	55.81	53.37	53.37	53.37
3535	2.18	6.78	52.42	53.92	54.78	53.06	53.06	53.06
3536	2.18	6.83	52.01	54.07	55.25	52.89	52.89	52.89
3537	2.02	7.60	51.92	54.67	56.25	53.10	53.10	53.10
3538	2.74	8.45	52.11	55.25	57.05	53.45	53.45	53.45
3539	2.74	9.63	52.33	55.88	57.91	53.85	53.85	53.85
3540	2.74	10.99	52.59	56.67	59.01	54.34	54.34	54.34
3541	3.87	11.75	52.94	57.61	60.27	54.94	54.94	54.94
3542	5.55	11.78	53.41	58.39	61.23	55.54	55.54	55.54
3543	5.55	11.18	53.87	58.84	61.69	56.00	56.00	56.00
3544	5.55	10.29	54.23	58.93	61.62	56.25	56.25	56.25
3545	6.63	10.04	54.43	58.74	61.21	56.28	56.28	56.28
3546	7.56	10.04	54.44	58.65	61.06	56.24	56.24	56.24
3547	7.56	9.91	54.44	58.66	61.06	56.25	56.25	56.25
3548	7.56	9.65	54.49	58.65	61.02	56.27	56.27	56.27
3549	8.15	9.24	54.52	58.57	60.89	56.26	56.26	56.26
3550	8.56	8.69	54.54	58.41	60.63	56.20	56.20	56.20
3551	8.56	8.19	54.51	58.16	60.24	56.07	56.07	56.07
3552	8.56	7.66	54.42	57.87	59.83	55.90	55.90	55.90
3553	8.78	7.17	54.31	57.54	59.38	55.69	55.69	55.69
3554	8.95	6.79	54.17	57.19	58.92	55.46	55.46	55.46
3555	8.95	6.41	54.00	56.87	58.51	55.23	55.23	55.23
3556	8.95	6.19	53.84	56.55	58.10	55.00	55.00	55.00
3557	9.21	6.16	53.66	56.28	57.78	54.79	54.79	54.79
3558	9.60	6.15	53.50	56.11	57.61	54.62	54.62	54.62
3559	9.60	9.15	53.38	55.98	57.47	54.49	54.49	54.49

3560	9.60	9.87	53.31	55.63	56.95	54.30	54.30	54.30
3561	10.01	10.26	53.05	55.94	57.59	54.29	54.29	54.29
3562	13.86	10.70	53.07	56.63	58.67	54.59	54.59	54.59
3563	13.86	10.99	53.31	57.35	59.66	55.04	55.04	55.04
3564	13.86	11.37	53.64	57.94	60.40	55.48	55.48	55.48
3565	12.98	11.48	53.94	58.49	61.09	55.89	55.89	55.89
3566	10.43	11.40	54.25	58.93	61.61	56.26	56.26	56.26
3567	10.43	11.58	54.52	59.30	62.04	56.57	56.57	56.57
3568	10.43	11.48	54.76	59.61	62.38	56.84	56.84	56.84
3569	8.34	11.09	54.99	59.79	62.53	57.05	57.05	57.05
3570	6.66	10.68	55.17	59.79	62.44	57.15	57.15	57.15
3571	6.66	10.33	55.25	59.70	62.24	57.16	57.16	57.16
3572	6.66	9.82	55.28	59.58	62.04	57.12	57.12	57.12
3573	5.26	9.05	55.28	59.37	61.71	57.04	57.04	57.04
3574	3.89	8.23	55.25	59.02	61.18	56.86	56.86	56.86
3575	3.89	7.56	55.13	58.57	60.53	56.60	56.60	56.60
3576	3.89	6.86	54.95	58.11	59.92	56.30	56.30	56.30
3577	2.89	6.52	54.74	57.62	59.26	55.97	55.97	55.97
3578	1.89	6.68	54.49	57.23	58.80	55.67	55.67	55.67
3579	1.89	6.88	54.25	57.07	58.68	55.46	55.46	55.46
3580	1.89	6.94	54.11	56.98	58.62	55.34	55.34	55.34
3581	1.61	6.84	54.03	56.88	58.51	55.25	55.25	55.25
3582	1.51	6.70	53.95	56.73	58.31	55.14	55.14	55.14
3583	1.51	7.22	53.86	56.56	58.10	55.02	55.02	55.02
3584	1.51	8.37	53.73	56.64	58.30	54.97	54.97	54.97
3585	0.77	9.42	53.67	57.11	59.07	55.14	55.14	55.14
3586	1.12	10.27	53.81	57.75	60.00	55.50	55.50	55.50
3587	1.12	11.15	54.07	58.39	60.86	55.92	55.92	55.92
3588	1.12	12.03	54.37	59.05	61.72	56.37	56.37	56.37
3589	1.57	12.51	54.69	59.73	62.60	56.85	56.85	56.85
3590	2.97	12.60	55.06	60.28	63.26	57.30	57.30	57.30
3591	2.97	12.64	55.41	60.64	63.64	57.65	57.65	57.65
3592	2.97	12.58	55.67	60.91	63.90	57.92	57.92	57.92
3593	4.23	12.44	55.89	61.09	64.06	58.12	58.12	58.12
3594	5.07	12.31	56.06	61.20	64.13	58.26	58.26	58.26
3595	5.07	12.03	56.19	61.27	64.17	58.36	58.36	58.36
3596	5.07	11.52	56.29	61.25	64.08	58.42	58.42	58.42
3597	5.70	10.96	56.36	61.10	63.81	58.39	58.39	58.39
3598	6.14	10.42	56.36	60.86	63.43	58.29	58.29	58.29

3599	6.14	9.86	56.30	60.57	63.01	58.13	58.13	58.13
3600	6.14	9.36	56.21	60.23	62.53	57.93	57.93	57.93
3601	6.66	8.85	56.07	59.89	62.07	57.71	57.71	57.71
3602	7.37	8.48	55.93	59.49	61.53	57.45	57.45	57.45
3603	7.37	8.09	55.74	59.12	61.05	57.19	57.19	57.19
3604	7.37	7.76	55.55	58.74	60.57	56.92	56.92	56.92
3605	7.94	7.52	55.35	58.39	60.12	56.65	56.65	56.65
3606	8.13	7.28	55.16	58.07	59.74	56.40	56.40	56.40
3607	8.13	7.03	54.97	57.77	59.36	56.17	56.17	56.17
3608	8.13	8.36	54.76	57.71	59.40	56.03	56.03	56.03
3609	8.41	9.37	54.62	58.13	60.14	56.12	56.12	56.12
3610	12.27	10.27	54.72	58.65	60.90	56.40	56.40	56.40
3611	12.27	11.19	54.91	59.21	61.67	56.75	56.75	56.75
3612	12.27	12.13	55.14	59.82	62.49	57.15	57.15	57.15
3613	11.30	12.88	55.43	60.48	63.37	57.59	57.59	57.59
3614	8.07	13.45	55.76	61.11	64.16	58.05	58.05	58.05
3615	8.07	14.00	56.10	61.67	64.85	58.49	58.49	58.49
3616	8.07	13.78	56.43	62.20	65.50	58.90	58.90	58.90
3617	5.28	12.57	56.78	62.45	65.68	59.21	59.21	59.21
3618	3.29	11.37	57.05	62.21	65.15	59.26	59.26	59.26
3619	3.29	10.28	57.09	61.75	64.41	59.09	59.09	59.09
3620	3.29	9.37	56.98	61.20	63.61	58.79	58.79	58.79
3621	1.53	8.61	56.79	60.64	62.84	58.44	58.44	58.44
3622	-0.61	8.06	56.55	60.10	62.13	58.07	58.07	58.07
3623	-0.61	7.70	56.29	59.62	61.53	57.72	57.72	57.72
3624	-0.61	7.41	56.04	59.23	61.06	57.40	57.40	57.40
3625	-2.56	6.91	55.81	58.89	60.65	57.13	57.13	57.13
3626	-3.57	6.46	55.62	58.50	60.15	56.85	56.85	56.85
3627	-3.57	6.24	55.40	58.10	59.64	56.56	56.56	56.56
3628	-3.57	6.02	55.17	57.78	59.27	56.29	56.29	56.29
3629	-3.82	5.96	54.97	57.49	58.93	56.05	56.05	56.05
3630	-4.09	8.83	54.77	57.25	58.67	55.84	55.84	55.84
3631	-4.09	7.53	54.70	56.35	57.30	55.41	55.41	55.41
3632	-4.09	6.75	54.21	56.05	57.11	55.00	55.00	55.00
3633	-4.52	6.80	53.91	56.30	57.66	54.94	54.94	54.94
3634	-4.22	6.99	53.91	56.54	58.05	55.04	55.04	55.04
3635	-4.22	7.23	53.96	56.74	58.33	55.15	55.15	55.15
3636	-4.22	7.61	54.00	56.93	58.61	55.26	55.26	55.26
3637	-3.02	7.55	54.06	57.20	58.99	55.41	55.41	55.41



3638	-1.54	6.88	54.18	57.33	59.13	55.53	55.53	55.53
3639	-1.54	5.87	54.28	57.17	58.81	55.52	55.52	55.52
3640	-1.54	5.21	54.27	56.74	58.15	55.33	55.33	55.33
3641	-0.34	4.63	54.11	56.25	57.47	55.02	55.02	55.02
3642	0.31	4.13	53.87	55.83	56.95	54.71	54.71	54.71
3643	0.31	3.68	53.66	55.41	56.41	54.41	54.41	54.41
3644	0.31	3.35	53.43	54.98	55.86	54.09	54.09	54.09
3645	1.02	3.06	53.18	54.57	55.36	53.78	53.78	53.78
3646	2.22	2.77	52.94	54.19	54.90	53.48	53.48	53.48
3647	2.22	2.57	52.71	53.82	54.46	53.18	53.18	53.18
3648	2.22	2.43	52.47	53.47	54.05	52.90	52.90	52.90
3649	3.09	2.45	52.25	53.12	53.61	52.62	52.62	52.62
3650	3.68	2.66	52.02	52.82	53.28	52.36	52.36	52.36
3651	3.68	2.90	51.80	52.61	53.08	52.15	52.15	52.15
3652	3.68	3.05	51.63	52.43	52.89	51.98	51.98	51.98
3653	4.34	3.17	51.49	52.21	52.62	51.80	51.80	51.80
3654	4.68	7.36	51.33	51.95	52.31	51.60	51.60	51.60
3655	4.68	5.90	51.28	50.79	50.51	51.07	51.07	51.07
3656	4.68	3.73	50.68	50.23	49.98	50.49	50.49	50.49
3657	4.86	3.05	50.25	50.32	50.37	50.28	50.28	50.28
3658	8.79	2.61	50.16	50.33	50.43	50.23	50.23	50.23
3659	8.79	2.36	50.07	50.28	50.39	50.16	50.16	50.16
3660	8.79	2.24	49.98	50.25	50.41	50.10	50.10	50.10
3661	7.71	2.01	49.91	50.23	50.42	50.05	50.05	50.05
3662	5.04	1.70	49.86	50.15	50.32	49.98	49.98	49.98
3663	5.04	1.34	49.79	49.98	50.10	49.87	49.87	49.87
3664	5.04	1.21	49.69	49.72	49.74	49.70	49.70	49.70
3665	3.29	0.70	49.53	49.52	49.52	49.53	49.53	49.53
3666	0.79	0.71	49.37	49.47	49.52	49.42	49.42	49.42
3667	0.79	0.72	49.30	49.37	49.41	49.33	49.33	49.33
3668	0.79	0.91	49.21	49.25	49.27	49.23	49.23	49.23
3669	-1.51	1.24	49.12	49.12	49.12	49.12	49.12	49.12
3670	-2.60	1.57	49.03	48.92	48.86	48.98	48.98	48.98
3671	-2.60	1.94	48.90	48.75	48.66	48.83	48.83	48.83
3672	-2.60	2.27	48.77	48.62	48.53	48.71	48.71	48.71
3673	-3.48	2.65	48.67	48.50	48.41	48.60	48.60	48.60
3674	-4.09	3.04	48.57	48.38	48.28	48.49	48.49	48.49
3675	-4.09	3.38	48.47	48.29	48.19	48.39	48.39	48.39
3676	-4.09	3.62	48.39	48.21	48.11	48.31	48.31	48.31

3677	-4.47	3.79	48.32	48.09	47.96	48.22	48.22	48.22
3678	-4.75	8.23	48.23	47.92	47.74	48.10	48.10	48.10
3679	-4.75	6.73	48.24	46.86	46.08	47.65	47.65	47.65
3680	-4.75	4.25	47.70	46.49	45.81	47.18	47.18	47.18
3681	-4.69	3.31	47.36	46.80	46.49	47.12	47.12	47.12
3682	-4.09	2.53	47.37	47.07	46.89	47.24	47.24	47.24
3683	-4.09	2.11	47.42	47.31	47.24	47.37	47.37	47.37
3684	-4.09	1.92	47.50	47.48	47.47	47.49	47.49	47.49
3685	-3.63	1.80	47.56	47.60	47.63	47.58	47.58	47.58
3686	-3.03	1.75	47.60	47.71	47.77	47.65	47.65	47.65
3687	-3.03	1.62	47.64	47.80	47.89	47.71	47.71	47.71
3688	-3.03	1.75	47.69	47.82	47.89	47.75	47.75	47.75
3689	-2.17	1.26	47.69	47.91	48.04	47.78	47.78	47.78
3690	-1.46	1.28	47.71	48.09	48.31	47.87	47.87	47.87
3691	-1.46	1.33	47.79	48.18	48.41	47.96	47.96	47.96
3692	-1.46	1.54	47.83	48.25	48.49	48.01	48.01	48.01
3693	-0.88	1.86	47.86	48.35	48.63	48.07	48.07	48.07
3694	0.15	2.26	47.91	48.41	48.70	48.13	48.13	48.13
3695	0.15	2.74	47.94	48.48	48.79	48.17	48.17	48.17
3696	0.15	3.18	47.97	48.57	48.92	48.23	48.23	48.23
3697	1.23	3.56	48.01	48.68	49.06	48.30	48.30	48.30
3698	0.98	3.80	48.07	48.75	49.14	48.36	48.36	48.36
3699	0.98	4.00	48.12	48.75	49.11	48.39	48.39	48.39
3700	0.98	4.19	48.13	48.72	49.06	48.38	48.38	48.38
3701	-0.25	4.35	48.13	48.68	49.00	48.36	48.36	48.36
3702	-0.48	8.69	48.11	48.64	48.93	48.34	48.34	48.34
3703	-0.48	7.30	48.21	47.69	47.39	47.99	47.99	47.99
3704	-0.48	5.32	47.74	47.48	47.32	47.63	47.63	47.63
3705	-0.23	4.75	47.49	48.08	48.43	47.74	47.74	47.74
3706	4.82	4.29	47.66	48.69	49.29	48.10	48.10	48.10
3707	4.82	4.01	47.91	49.17	49.89	48.45	48.45	48.45
3708	4.82	3.77	48.14	49.52	50.31	48.73	48.73	48.73
3709	4.16	3.57	48.34	49.78	50.61	48.96	48.96	48.96
3710	0.40	3.50	48.51	49.94	50.75	49.12	49.12	49.12
3711	0.40	3.39	48.63	50.05	50.85	49.24	49.24	49.24
3712	0.40	3.23	48.73	50.10	50.89	49.32	49.32	49.32
3713	-2.74	2.78	48.79	50.10	50.85	49.35	49.35	49.35
3714	-5.69	2.49	48.83	50.06	50.76	49.36	49.36	49.36
3715	-5.69	2.42	48.84	49.94	50.57	49.32	49.32	49.32

3716	-5.69	2.54	48.81	49.86	50.47	49.26	49.26	49.26
3717	-7.03	2.66	48.78	49.84	50.45	49.23	49.23	49.23
3718	-7.83	2.74	48.76	49.85	50.47	49.23	49.23	49.23
3719	-7.83	2.81	48.77	49.83	50.43	49.22	49.22	49.22
3720	-7.83	2.88	48.77	49.77	50.34	49.20	49.20	49.20
3721	-8.73	2.89	48.75	49.68	50.22	49.15	49.15	49.15
3722	-9.30	2.93	48.72	49.54	50.01	49.07	49.07	49.07
3723	-9.30	3.02	48.66	49.34	49.72	48.95	48.95	48.95
3724	-9.30	3.17	48.57	49.08	49.37	48.79	48.79	48.79
3725	-9.17	3.33	48.46	48.80	49.00	48.60	48.60	48.60
3726	-9.11	3.37	48.31	48.55	48.68	48.41	48.41	48.41
3727	-9.11	7.63	48.17	48.32	48.40	48.23	48.23	48.23
3728	-9.11	7.54	48.13	47.39	46.97	47.81	47.81	47.81
3729	-9.01	6.22	47.64	47.08	46.76	47.40	47.40	47.40
3730	-8.77	5.49	47.36	47.27	47.22	47.32	47.32	47.32
3731	-8.77	5.24	47.33	47.61	47.76	47.45	47.45	47.45
3732	-8.77	5.12	47.39	48.04	48.41	47.67	47.67	47.67
3733	-8.55	4.36	47.54	48.52	49.08	47.96	47.96	47.96
3734	-8.15	3.26	47.74	48.98	49.69	48.27	48.27	48.27
3735	-8.15	3.31	47.96	49.41	50.24	48.58	48.58	48.58
3736	-8.15	3.36	48.20	49.67	50.51	48.83	48.83	48.83
3737	-8.48	3.32	48.36	49.86	50.71	49.00	49.00	49.00
3738	-8.73	3.28	48.50	49.97	50.82	49.13	49.13	49.13
3739	-8.73	2.98	48.60	50.05	50.88	49.22	49.22	49.22
3740	-8.73	2.45	48.69	50.01	50.76	49.25	49.25	49.25
3741	-8.89	2.08	48.72	49.81	50.43	49.19	49.19	49.19
3742	-9.85	1.92	48.67	49.59	50.11	49.06	49.06	49.06
3743	-9.85	2.14	48.58	49.43	49.91	48.94	48.94	48.94
3744	-9.85	2.32	48.50	49.32	49.78	48.85	48.85	48.85
3745	-10.88	2.52	48.45	49.20	49.62	48.77	48.77	48.77
3746	-11.01	2.81	48.39	49.01	49.37	48.66	48.66	48.66
3747	-11.01	3.05	48.31	48.79	49.07	48.51	48.51	48.51
3748	-11.01	3.25	48.20	48.56	48.76	48.35	48.35	48.35
3749	-10.93	3.45	48.07	48.34	48.49	48.19	48.19	48.19
3750	-10.86	3.49	47.95	48.17	48.31	48.04	48.04	48.04
3751	-10.86	3.74	47.84	48.06	48.18	47.93	47.93	47.93
3752	-10.86	4.42	47.70	48.33	48.69	47.97	47.97	47.97
3753	-3.64	5.14	47.71	49.04	49.81	48.28	48.28	48.28
3754	0.81	5.79	47.96	49.91	51.02	48.79	48.79	48.79

3755	0.81	6.39	48.33	50.74	52.12	49.36	49.36	49.36
3756	0.81	7.17	48.75	51.47	53.02	49.91	49.91	49.91
3757	5.95	7.61	49.13	52.22	53.98	50.45	50.45	50.45
3758	6.19	7.81	49.56	52.84	54.71	50.96	50.96	50.96
3759	6.19	8.00	49.95	53.31	55.24	51.39	51.39	51.39
3760	6.19	8.04	50.27	53.72	55.69	51.75	51.75	51.75
3761	4.61	8.12	50.56	54.02	56.00	52.05	52.05	52.05
3762	3.51	8.21	50.80	54.29	56.29	52.30	52.30	52.30
3763	3.51	7.98	51.02	54.54	56.55	52.53	52.53	52.53
3764	3.51	7.49	51.23	54.64	56.60	52.69	52.69	52.69
3765	2.67	6.93	51.38	54.57	56.39	52.75	52.75	52.75
3766	1.44	6.54	51.44	54.37	56.04	52.70	52.70	52.70
3767	1.44	6.22	51.42	54.17	55.73	52.60	52.60	52.60
3768	1.44	5.93	51.38	53.94	55.41	52.48	52.48	52.48
3769	-1.02	5.74	51.32	53.67	55.02	52.33	52.33	52.33
3770	-3.17	5.52	51.22	53.40	54.64	52.15	52.15	52.15
3771	-3.17	5.35	51.11	53.05	54.16	51.94	51.94	51.94
3772	-3.17	5.30	50.98	52.58	53.49	51.67	51.67	51.67
3773	-3.33	5.28	50.78	52.05	52.78	51.32	51.32	51.32
3774	-3.17	9.19	50.52	51.58	52.19	50.97	50.97	50.97
3775	-3.17	7.65	50.38	50.25	50.17	50.32	50.32	50.32
3776	-3.17	6.10	49.65	50.03	50.24	49.81	49.81	49.81
3777	-2.69	6.35	49.28	51.01	52.00	50.02	50.02	50.02
3778	-1.91	6.68	49.55	51.93	53.28	50.57	50.57	50.57
3779	-1.91	6.63	49.94	52.55	54.05	51.06	51.06	51.06
3780	-1.91	6.54	50.27	52.93	54.45	51.41	51.41	51.41
3781	-0.88	6.71	50.50	53.19	54.72	51.65	51.65	51.65
3782	0.70	6.98	50.66	53.48	55.10	51.87	51.87	51.87
3783	0.70	7.11	50.84	53.81	55.51	52.11	52.11	52.11
3784	0.70	6.72	51.03	54.08	55.82	52.34	52.34	52.34
3785	2.13	6.31	51.23	54.10	55.75	52.46	52.46	52.46
3786	2.74	6.03	51.32	54.04	55.60	52.49	52.49	52.49
3787	2.74	6.00	51.35	53.95	55.44	52.47	52.47	52.47
3788	2.74	6.17	51.34	53.93	55.41	52.45	52.45	52.45
3789	3.14	6.25	51.34	54.00	55.53	52.48	52.48	52.48
3790	3.58	6.00	51.38	54.08	55.63	52.54	52.54	52.54
3791	3.58	5.49	51.45	54.04	55.52	52.56	52.56	52.56
3792	3.58	4.95	51.48	53.84	55.20	52.49	52.49	52.49
3793	4.14	4.65	51.43	53.57	54.79	52.34	52.34	52.34

3794	4.83	4.64	51.32	53.33	54.47	52.18	52.18	52.18
3795	4.83	4.62	51.19	53.20	54.35	52.05	52.05	52.05
3796	4.83	4.69	51.12	53.12	54.26	51.98	51.98	51.98
3797	5.63	4.84	51.06	53.05	54.19	51.92	51.92	51.92
3798	6.43	8.26	51.02	53.02	54.16	51.87	51.87	51.87
3799	6.43	6.84	51.08	52.24	52.91	51.58	51.58	51.58
3800	6.43	6.22	50.67	52.27	53.18	51.35	51.35	51.35
3801	7.25	6.79	50.53	52.96	54.34	51.57	51.57	51.57
3802	8.06	7.37	50.77	53.54	55.11	51.96	51.96	51.96
3803	8.06	8.21	51.02	54.08	55.83	52.33	52.33	52.33
3804	8.06	9.12	51.27	54.74	56.72	52.76	52.76	52.76
3805	8.35	9.63	51.58	55.47	57.70	53.25	53.25	53.25
3806	7.15	9.97	51.97	56.09	58.44	53.73	53.73	53.73
3807	7.15	9.84	52.33	56.59	59.02	54.16	54.16	54.16
3808	7.15	9.30	52.67	56.87	59.27	54.47	54.47	54.47
3809	5.33	9.13	52.93	56.88	59.13	54.62	54.62	54.62
3810	4.06	9.10	53.03	56.91	59.13	54.69	54.69	54.69
3811	4.06	8.63	53.12	56.98	59.19	54.77	54.77	54.77
3812	4.06	7.80	53.22	56.89	58.98	54.79	54.79	54.79
3813	2.98	6.95	53.27	56.58	58.47	54.69	54.69	54.69
3814	2.22	6.75	53.20	56.15	57.84	54.47	54.47	54.47
3815	2.22	7.00	53.03	55.90	57.54	54.26	54.26	54.26
3816	2.22	7.22	52.89	55.88	57.58	54.17	54.17	54.17
3817	1.26	7.26	52.85	55.93	57.69	54.17	54.17	54.17
3818	-0.04	7.11	52.86	55.96	57.73	54.19	54.19	54.19
3819	-0.04	6.96	52.89	55.92	57.65	54.19	54.19	54.19
3820	-0.04	6.73	52.88	55.85	57.54	54.15	54.15	54.15
3821	-0.81	6.51	52.86	55.74	57.38	54.10	54.10	54.10
3822	-1.32	9.04	52.83	55.60	57.18	54.01	54.01	54.01
3823	-1.32	7.69	52.85	54.84	55.97	53.70	53.70	53.70
3824	-1.32	7.46	52.45	54.81	56.17	53.46	53.46	53.46
3825	-1.24	8.13	52.32	55.31	57.02	53.60	53.60	53.60
3826	-0.52	8.51	52.47	55.81	57.72	53.90	53.90	53.90
3827	-0.52	8.53	52.69	56.23	58.25	54.20	54.20	54.20
3828	-0.52	8.51	52.91	56.50	58.55	54.44	54.44	54.44
3829	0.66	8.85	53.08	56.68	58.74	54.62	54.62	54.62
3830	1.85	9.27	53.19	56.94	59.09	54.80	54.80	54.80
3831	1.85	9.15	53.33	57.27	59.51	55.02	55.02	55.02
3832	1.85	8.65	53.54	57.41	59.63	55.20	55.20	55.20

3833	2.78	8.38	53.68	57.34	59.42	55.25	55.25	55.25
3834	3.77	8.28	53.71	57.25	59.28	55.23	55.23	55.23
3835	3.77	7.95	53.71	57.21	59.21	55.21	55.21	55.21
3836	3.77	7.53	53.72	57.09	59.01	55.16	55.16	55.16
3837	4.50	7.03	53.70	56.89	58.71	55.07	55.07	55.07
3838	5.18	6.69	53.64	56.62	58.32	54.92	54.92	54.92
3839	5.18	6.60	53.54	56.37	58.00	54.75	54.75	54.75
3840	5.18	6.50	53.41	56.22	57.82	54.61	54.61	54.61
3841	5.85	6.42	53.32	56.09	57.67	54.51	54.51	54.51
3842	5.86	6.37	53.25	55.98	57.54	54.42	54.42	54.42
3843	5.86	6.29	53.18	55.89	57.44	54.34	54.34	54.34
3844	5.86	6.29	53.13	55.81	57.34	54.27	54.27	54.27
3845	5.92	6.32	53.07	55.75	57.28	54.22	54.22	54.22
3846	6.48	8.79	53.03	55.72	57.26	54.18	54.18	54.18
3847	6.48	7.66	53.06	55.21	56.43	53.98	53.98	53.98
3848	6.48	7.75	52.77	55.34	56.82	53.87	53.87	53.87
3849	6.82	8.56	52.73	55.87	57.67	54.08	54.08	54.08
3850	10.78	8.93	52.91	56.44	58.46	54.42	54.42	54.42
3851	10.78	8.96	53.16	56.88	59.01	54.76	54.76	54.76
3852	10.78	9.11	53.41	57.16	59.31	55.02	55.02	55.02
3853	9.32	9.42	53.58	57.42	59.62	55.23	55.23	55.23
3854	5.73	10.14	53.74	57.72	59.99	55.44	55.44	55.44
3855	5.73	10.52	53.89	58.17	60.61	55.72	55.72	55.72
3856	5.73	10.21	54.13	58.57	61.10	56.03	56.03	56.03
3857	3.92	9.62	54.40	58.68	61.13	56.24	56.24	56.24
3858	2.26	9.11	54.55	58.59	60.90	56.28	56.28	56.28
3859	2.26	8.78	54.59	58.41	60.60	56.23	56.23	56.23
3860	2.26	8.65	54.57	58.25	60.36	56.15	56.15	56.15
3861	-0.09	8.50	54.52	58.15	60.23	56.08	56.08	56.08
3862	-1.84	8.22	54.49	58.06	60.10	56.02	56.02	56.02
3863	-1.84	7.96	54.47	57.92	59.90	55.95	55.95	55.95
3864	-1.84	7.71	54.42	57.77	59.68	55.86	55.86	55.86
3865	-2.57	7.59	54.36	57.60	59.46	55.75	55.75	55.75
3866	-3.21	7.52	54.28	57.48	59.31	55.65	55.65	55.65
3867	-3.21	7.44	54.22	57.39	59.20	55.58	55.58	55.58
3868	-3.21	7.53	54.16	57.30	59.10	55.51	55.51	55.51
3869	-3.44	7.74	54.11	57.29	59.10	55.47	55.47	55.47
3870	-3.26	10.28	54.08	57.35	59.22	55.48	55.48	55.48
3871	-3.26	8.94	54.16	56.94	58.54	55.35	55.35	55.35

3872	-3.26	8.68	53.93	57.05	58.83	55.27	55.27	55.27
3873	-3.47	8.98	53.92	57.41	59.41	55.41	55.41	55.41
3874	-2.86	9.26	54.05	57.72	59.81	55.62	55.62	55.62
3875	-2.86	9.86	54.19	58.00	60.18	55.82	55.82	55.82
3876	-2.86	10.58	54.31	58.41	60.75	56.07	56.07	56.07
3877	-1.51	10.66	54.50	58.92	61.45	56.40	56.40	56.40
3878	-0.16	10.38	54.78	59.24	61.79	56.69	56.69	56.69
3879	-0.16	9.63	55.00	59.34	61.82	56.86	56.86	56.86
3880	-0.16	9.17	55.15	59.17	61.47	56.87	56.87	56.87
3881	0.99	9.02	55.15	58.96	61.14	56.78	56.78	56.78
3882	1.99	8.90	55.09	58.86	61.01	56.70	56.70	56.70
3883	1.99	8.54	55.05	58.78	60.91	56.65	56.65	56.65
3884	1.99	7.87	55.04	58.61	60.66	56.57	56.57	56.57
3885	2.62	7.22	55.00	58.30	60.18	56.41	56.41	56.41
3886	3.80	6.69	54.88	57.91	59.64	56.18	56.18	56.18
3887	3.80	6.32	54.71	57.52	59.13	55.92	55.92	55.92
3888	3.80	5.95	54.52	57.18	58.70	55.66	55.66	55.66
3889	5.20	5.95	54.34	56.85	58.28	55.42	55.42	55.42
3890	5.65	6.37	54.14	56.66	58.10	55.22	55.22	55.22
3891	5.65	6.82	53.99	56.66	58.19	55.13	55.13	55.13
3892	5.65	7.30	53.93	56.76	58.37	55.14	55.14	55.14
3893	6.02	7.75	53.92	56.92	58.64	55.21	55.21	55.21
3894	6.49	8.18	53.96	57.13	58.94	55.32	55.32	55.32
3895	6.49	12.14	54.03	57.37	59.28	55.46	55.46	55.46
3896	6.49	13.00	54.20	57.10	58.75	55.44	55.44	55.44
3897	6.95	13.31	54.03	57.43	59.36	55.49	55.49	55.49
3898	10.88	13.47	54.08	58.31	60.72	55.89	55.89	55.89
3899	10.88	13.41	54.45	59.13	61.81	56.46	56.46	56.46
3900	10.88	13.40	54.86	59.77	62.58	56.97	56.97	56.97
3901	9.24	13.15	55.23	60.30	63.19	57.40	57.40	57.40
3902	5.80	12.78	55.55	60.71	63.65	57.76	57.76	57.76
3903	5.80	12.97	55.82	61.12	64.15	58.09	58.09	58.09
3904	5.80	13.26	56.10	61.46	64.53	58.40	58.40	58.40
3905	3.49	13.73	56.33	61.80	64.93	58.68	58.68	58.68
3906	0.81	14.20	56.56	62.21	65.44	58.98	58.98	58.98
3907	0.81	14.23	56.81	62.64	65.97	59.31	59.31	59.31
3908	0.81	13.96	57.09	62.92	66.25	59.59	59.59	59.59
3909	-1.73	13.52	57.32	63.03	66.29	59.77	59.77	59.77
3910	-3.13	13.08	57.48	63.00	66.15	59.85	59.85	59.85

3911	-3.13	12.71	57.56	62.90	65.95	59.85	59.85	59.85
3912	-3.13	12.31	57.59	62.77	65.73	59.81	59.81	59.81
3913	-4.22	12.09	57.59	62.61	65.48	59.74	59.74	59.74
3914	-4.89	11.84	57.55	62.49	65.31	59.67	59.67	59.67
3915	-4.89	11.62	57.52	62.36	65.12	59.60	59.60	59.60
3916	-4.89	11.74	57.49	62.24	64.95	59.52	59.52	59.52
3917	-5.24	11.98	57.43	62.23	64.98	59.49	59.49	59.49
3918	-5.58	12.21	57.42	62.32	65.13	59.52	59.52	59.52
3919	-5.58	12.81	57.46	62.45	65.31	59.60	59.60	59.60
3920	-5.58	13.67	57.51	62.74	65.72	59.75	59.75	59.75
3921	-5.59	14.53	57.62	63.20	66.38	60.01	60.01	60.01
3922	-5.16	15.08	57.82	63.74	67.12	60.36	60.36	60.36
3923	-5.16	15.15	58.10	64.22	67.73	60.72	60.72	60.72
3924	-5.16	15.14	58.39	64.53	68.03	61.02	61.02	61.02
3925	-3.93	15.24	58.61	64.73	68.22	61.23	61.23	61.23
3926	-2.56	15.44	58.78	64.92	68.43	61.41	61.41	61.41
3927	-2.56	15.62	58.93	65.14	68.69	61.59	61.59	61.59
3928	-2.56	15.61	59.09	65.36	68.95	61.78	61.78	61.78
3929	-1.88	15.44	59.25	65.52	69.10	61.94	61.94	61.94
3930	-1.76	15.24	59.39	65.58	69.12	62.05	62.05	62.05
3931	-1.76	15.22	59.49	65.60	69.09	62.11	62.11	62.11
3932	-1.76	15.10	59.55	65.64	69.13	62.16	62.16	62.16
3933	-1.47	14.89	59.62	65.66	69.12	62.21	62.21	62.21
3934	-0.56	14.83	59.67	65.63	69.03	62.23	62.23	62.23
3935	-0.56	14.84	59.70	65.63	69.02	62.24	62.24	62.24
3936	-0.56	14.84	59.72	65.65	69.04	62.26	62.26	62.26
3937	0.27	14.49	59.76	65.67	69.05	62.29	62.29	62.29
3938	0.78	13.94	59.81	65.58	68.87	62.28	62.28	62.28
3939	0.78	13.39	59.82	65.35	68.52	62.19	62.19	62.19
3940	0.78	13.15	59.76	65.07	68.10	62.03	62.03	62.03
3941	0.49	13.27	59.64	64.85	67.82	61.87	61.87	61.87
3942	0.11	16.20	59.53	64.76	67.74	61.77	61.77	61.77
3943	0.11	14.96	59.56	64.07	66.65	61.49	61.49	61.49
3944	0.11	14.83	59.18	64.11	66.93	61.30	61.30	61.30
3945	0.43	15.20	59.08	64.71	67.93	61.49	61.49	61.49
3946	4.48	15.29	59.30	65.16	68.50	61.81	61.81	61.81
3947	4.48	15.22	59.51	65.45	68.84	62.06	62.06	62.06
3948	4.48	15.12	59.69	65.65	69.05	62.24	62.24	62.24
3949	3.73	15.30	59.82	65.78	69.19	62.38	62.38	62.38



3950	2.15	15.90	59.92	65.99	69.46	62.52	62.52	62.52
3951	2.15	15.82	60.02	66.35	69.96	62.74	62.74	62.74
3952	2.15	15.20	60.23	66.53	70.13	62.93	62.93	62.93
3953	2.42	14.85	60.40	66.43	69.88	62.99	62.99	62.99
3954	2.41	14.81	60.42	66.33	69.70	62.95	62.95	62.95
3955	2.41	14.60	60.41	66.30	69.66	62.93	62.93	62.93
3956	2.41	14.23	60.43	66.23	69.55	62.91	62.91	62.91
3957	1.33	13.73	60.43	66.09	69.32	62.86	62.86	62.86
3958	0.68	13.21	60.40	65.87	68.99	62.74	62.74	62.74
3959	0.68	12.80	60.33	65.59	68.60	62.58	62.58	62.58
3960	0.68	12.40	60.21	65.32	68.24	62.40	62.40	62.40
3961	0.38	12.00	60.09	65.04	67.87	62.21	62.21	62.21
3962	-0.16	11.43	59.96	64.76	67.51	62.02	62.02	62.02
3963	-0.16	10.93	59.83	64.41	67.03	61.79	61.79	61.79
3964	-0.16	10.83	59.66	64.04	66.55	61.54	61.54	61.54
3965	-0.35	11.02	59.45	63.81	66.30	61.32	61.32	61.32
3966	-0.70	12.71	59.29	63.73	66.26	61.19	61.19	61.19
3967	-0.70	12.14	59.24	63.38	65.74	61.01	61.01	61.01
3968	-0.70	12.82	58.99	63.58	66.20	60.96	60.96	60.96
3969	-1.49	13.57	58.98	64.05	66.95	61.15	61.15	61.15
3970	-1.30	14.55	59.14	64.55	67.64	61.46	61.46	61.46
3971	-1.30	15.76	59.33	65.16	68.49	61.83	61.83	61.83
3972	-1.30	17.12	59.59	65.91	69.52	62.30	62.30	62.30
3973	-0.67	17.83	59.93	66.77	70.69	62.86	62.86	62.86
3974	-0.18	18.13	60.38	67.47	71.53	63.42	63.42	63.42
3975	-0.18	17.66	60.79	67.98	72.08	63.87	63.87	63.87
3976	-0.18	15.92	61.16	68.13	72.11	64.15	64.15	64.15
3977	0.46	14.62	61.43	67.69	71.28	64.11	64.11	64.11
3978	1.30	13.67	61.37	67.13	70.42	63.84	63.84	63.84
3979	1.30	13.10	61.20	66.60	69.68	63.51	63.51	63.51
3980	1.30	12.98	60.98	66.17	69.13	63.20	63.20	63.20
3981	1.66	12.64	60.76	65.92	68.86	62.97	62.97	62.97
3982	1.60	12.14	60.63	65.66	68.53	62.79	62.79	62.79
3983	1.60	11.76	60.50	65.34	68.10	62.58	62.58	62.58
3984	1.60	11.38	60.34	65.03	67.71	62.35	62.35	62.35
3985	1.04	10.98	60.18	64.73	67.32	62.13	62.13	62.13
3986	0.52	10.65	60.02	64.41	66.93	61.90	61.90	61.90
3987	0.52	10.32	59.84	64.11	66.56	61.67	61.67	61.67
3988	0.52	10.05	59.67	63.82	66.19	61.45	61.45	61.45

3989	0.84	9.91	59.50	63.54	65.85	61.23	61.23	61.23
3990	0.66	10.71	59.33	63.33	65.61	61.04	61.04	61.04
3991	0.66	10.61	59.20	63.00	65.17	60.83	60.83	60.83
3992	0.66	11.33	58.96	63.12	65.50	60.74	60.74	60.74
3993	0.47	12.36	58.91	63.47	66.08	60.87	60.87	60.87
3994	4.79	13.40	58.99	63.99	66.84	61.13	61.13	61.13
3995	4.79	14.33	59.17	64.58	67.68	61.49	61.49	61.49
3996	4.79	15.21	59.43	65.20	68.49	61.90	61.90	61.90
3997	4.23	15.82	59.72	65.82	69.31	62.34	62.34	62.34
3998	1.58	16.12	60.05	66.37	69.98	62.76	62.76	62.76
3999	1.58	15.74	60.37	66.79	70.46	63.12	63.12	63.12
4000	1.58	14.26	60.66	66.91	70.48	63.34	63.34	63.34
4001	0.12	13.49	60.87	66.53	69.75	63.30	63.30	63.30
4002	-2.02	13.21	60.80	66.15	69.21	63.09	63.09	63.09
4003	-2.02	12.63	60.67	65.91	68.91	62.92	62.92	62.92
4004	-2.02	12.11	60.59	65.61	68.48	62.74	62.74	62.74
4005	-5.51	11.44	60.46	65.29	68.04	62.53	62.53	62.53
4006	-8.81	10.71	60.33	64.89	67.50	62.28	62.28	62.28
4007	-8.81	10.32	60.15	64.43	66.88	61.99	61.99	61.99
4008	-8.81	9.95	59.92	64.06	66.42	61.69	61.69	61.69
4009	-10.41	9.52	59.71	63.71	65.99	61.43	61.43	61.43
4010	-11.12	9.38	59.52	63.35	65.54	61.16	61.16	61.16
4011	-11.12	9.22	59.30	63.09	65.25	60.93	60.93	60.93
4012	-11.12	9.32	59.13	62.86	64.99	60.73	60.73	60.73
4013	-10.87	9.78	58.96	62.74	64.90	60.58	60.58	60.58
4014	-10.63	11.02	58.83	62.80	65.06	60.53	60.53	60.53
4015	-10.63	11.11	58.81	62.81	65.10	60.52	60.52	60.52
4016	-10.63	11.64	58.74	63.15	65.67	60.63	60.63	60.63
4017	-10.83	12.45	58.83	63.54	66.24	60.85	60.85	60.85
4018	-10.28	13.45	58.98	64.01	66.89	61.14	61.14	61.14
4019	-10.28	14.31	59.17	64.60	67.70	61.49	61.49	61.49
4020	-10.28	15.13	59.43	65.19	68.48	61.90	61.90	61.90
4021	-9.59	15.87	59.73	65.80	69.27	62.33	62.33	62.33
4022	-9.48	16.32	60.05	66.39	70.01	62.77	62.77	62.77
4023	-9.48	16.09	60.38	66.88	70.60	63.17	63.17	63.17
4024	-9.48	14.48	60.72	67.10	70.75	63.45	63.45	63.45
4025	-9.56	13.44	60.99	66.72	70.00	63.44	63.44	63.44
4026	-9.68	12.91	60.94	66.26	69.31	63.22	63.22	63.22
4027	-9.68	12.57	60.79	65.91	68.84	62.98	62.98	62.98

4028	-9.68	12.63	60.65	65.64	68.50	62.79	62.79	62.79
4029	-9.47	12.50	60.51	65.54	68.41	62.66	62.66	62.66
4030	-7.63	12.20	60.45	65.43	68.27	62.58	62.58	62.58
4031	-7.63	11.95	60.39	65.26	68.04	62.48	62.48	62.48
4032	-7.63	11.69	60.32	65.08	67.81	62.36	62.36	62.36
4033	-5.30	11.32	60.23	64.90	67.57	62.23	62.23	62.23
4034	-4.57	11.03	60.14	64.67	67.26	62.08	62.08	62.08
4035	-4.57	10.74	60.03	64.45	66.97	61.92	61.92	61.92
4036	-4.57	10.52	59.91	64.22	66.68	61.76	61.76	61.76
4037	-4.53	10.53	59.78	64.01	66.42	61.60	61.60	61.60
4038	-4.44	11.33	59.65	63.89	66.31	61.47	61.47	61.47
4039	-4.44	11.21	59.58	63.66	65.99	61.33	61.33	61.33
4040	-4.44	12.08	59.41	63.83	66.35	61.30	61.30	61.30
4041	-4.89	13.12	59.39	64.26	67.04	61.48	61.48	61.48
4042	-1.53	14.38	59.53	64.81	67.83	61.79	61.79	61.79
4043	-1.53	15.82	59.74	65.51	68.81	62.21	62.21	62.21
4044	-1.53	17.43	60.03	66.36	69.98	62.74	62.74	62.74
4045	-2.47	18.58	60.42	67.36	71.33	63.39	63.39	63.39
4046	-5.29	19.12	60.92	68.28	72.49	64.07	64.07	64.07
4047	-5.29	18.68	61.44	68.97	73.27	64.67	64.67	64.67
4048	-5.29	16.92	61.92	69.24	73.43	65.06	65.06	65.06
4049	-6.76	16.16	62.26	68.87	72.65	65.09	65.09	65.09
4050	-8.43	16.01	62.24	68.55	72.16	64.94	64.94	64.94
4051	-8.43	15.67	62.16	68.42	72.00	64.84	64.84	64.84
4052	-8.43	15.12	62.15	68.28	71.78	64.77	64.77	64.77
4053	-9.70	14.44	62.13	68.05	71.43	64.67	64.67	64.67
4054	-10.51	13.74	62.07	67.73	70.96	64.49	64.49	64.49
4055	-10.51	13.22	61.95	67.35	70.43	64.27	64.27	64.27
4056	-10.51	12.71	61.79	66.99	69.97	64.02	64.02	64.02
4057	-7.66	12.30	61.63	66.64	69.50	63.77	63.77	63.77
4058	-5.28	12.01	61.45	66.31	69.08	63.53	63.53	63.53
4059	-5.28	11.72	61.27	66.02	68.74	63.31	63.31	63.31
4060	-5.28	10.98	61.11	65.76	68.42	63.10	63.10	63.10
4061	-5.02	9.72	60.98	65.34	67.83	62.85	62.85	62.85
4062	-4.72	8.50	60.80	64.67	66.88	62.46	62.46	62.46
4063	-4.72	8.88	60.50	63.89	65.83	61.95	61.95	61.95
4064	-4.72	8.75	60.11	63.08	64.77	61.38	61.38	61.38
4065	-3.64	8.59	59.64	62.65	64.37	60.93	60.93	60.93
4066	-1.92	8.99	59.32	62.37	64.11	60.63	60.63	60.63

4067	-1.92	9.92	59.06	62.35	64.22	60.47	60.47	60.47
4068	-1.92	10.86	58.91	62.64	64.77	60.51	60.51	60.51
4069	-0.07	11.52	58.92	63.09	65.47	60.71	60.71	60.71
4070	1.01	12.29	59.06	63.57	66.15	60.99	60.99	60.99
4071	1.01	13.44	59.22	64.19	67.02	61.35	61.35	61.35
4072	1.01	13.51	59.47	64.88	67.98	61.79	61.79	61.79
4073	1.68	12.56	59.83	65.26	68.35	62.16	62.16	62.16
4074	2.26	11.58	60.11	65.14	68.02	62.27	62.27	62.27
4075	2.26	11.09	60.17	64.80	67.45	62.16	62.16	62.16
4076	2.26	10.89	60.08	64.51	67.05	61.98	61.98	61.98
4077	3.04	10.63	59.96	64.32	66.82	61.83	61.83	61.83
4078	3.83	10.56	59.87	64.13	66.57	61.70	61.70	61.70
4079	3.83	10.49	59.77	64.01	66.43	61.58	61.58	61.58
4080	3.83	10.39	59.69	63.91	66.32	61.50	61.50	61.50
4081	4.31	10.41	59.62	63.81	66.20	61.42	61.42	61.42
4082	5.00	10.41	59.56	63.75	66.15	61.36	61.36	61.36
4083	5.00	10.44	59.51	63.70	66.09	61.31	61.31	61.31
4084	5.00	10.49	59.47	63.64	66.02	61.26	61.26	61.26
4085	5.67	10.57	59.43	63.59	65.96	61.21	61.21	61.21
4086	5.92	10.59	59.39	63.56	65.94	61.18	61.18	61.18
4087	5.92	11.01	59.36	63.53	65.91	61.15	61.15	61.15
4088	5.92	11.67	59.32	63.68	66.17	61.19	61.19	61.19
4089	6.23	12.38	59.33	64.01	66.69	61.34	61.34	61.34
4090	7.06	13.25	59.45	64.43	67.28	61.59	61.59	61.59
4091	7.06	13.93	59.62	64.95	68.00	61.91	61.91	61.91
4092	7.06	14.55	59.87	65.45	68.64	62.26	62.26	62.26
4093	11.15	14.82	60.12	65.94	69.26	62.61	62.61	62.61
4094	9.87	14.81	60.40	66.31	69.68	62.93	62.93	62.93
4095	9.87	14.73	60.64	66.53	69.90	63.17	63.17	63.17
4096	9.87	14.59	60.82	66.67	70.01	63.33	63.33	63.33
4097	6.64	14.35	60.96	66.74	70.04	63.43	63.43	63.43
4098	3.72	14.10	61.05	66.74	69.99	63.49	63.49	63.49
4099	3.72	13.21	61.11	66.69	69.88	63.50	63.50	63.50
4100	3.72	11.12	61.16	66.40	69.39	63.41	63.41	63.41
4101	1.46	8.86	61.15	65.55	68.07	63.04	63.04	63.04
4102	0.06	7.60	60.87	64.39	66.40	62.38	62.38	62.38
4103	0.06	7.14	60.36	63.39	65.13	61.66	61.66	61.66
4104	0.06	6.65	59.83	62.68	64.31	61.05	61.05	61.05
4105	-1.91	6.22	59.41	62.07	63.59	60.55	60.55	60.55

4106	-4.06	6.03	59.03	61.50	62.91	60.09	60.09	60.09
4107	-4.06	5.85	58.67	61.02	62.37	59.68	59.68	59.68
4108	-4.06	5.58	58.35	60.59	61.88	59.31	59.31	59.31
4109	-4.69	5.34	58.06	60.16	61.36	58.96	58.96	58.96
4110	-4.86	8.65	57.77	59.74	60.87	58.62	58.62	58.62
4111	-4.86	7.15	57.60	58.49	59.00	57.99	57.99	57.99
4112	-4.86	5.48	56.91	58.00	58.62	57.38	57.38	57.38
4113	-4.70	5.30	56.46	58.24	59.26	57.22	57.22	57.22
4114	-4.07	5.24	56.42	58.31	59.39	57.23	57.23	57.23
4115	-4.07	5.29	56.36	58.30	59.40	57.19	57.19	57.19
4116	-4.07	5.47	56.28	58.30	59.46	57.15	57.15	57.15
4117	-2.94	5.82	56.21	58.37	59.60	57.14	57.14	57.14
4118	-1.59	6.27	56.18	58.53	59.88	57.19	57.19	57.19
4119	-1.59	6.56	56.19	58.77	60.24	57.29	57.29	57.29
4120	-1.59	6.26	56.26	58.97	60.52	57.42	57.42	57.42
4121	0.24	5.78	56.36	58.93	60.40	57.46	57.46	57.46
4122	1.63	5.39	56.36	58.76	60.13	57.39	57.39	57.39
4123	1.63	5.10	56.29	58.53	59.81	57.25	57.25	57.25
4124	1.63	5.00	56.18	58.30	59.51	57.09	57.09	57.09
4125	2.13	4.88	56.04	58.13	59.32	56.94	56.94	56.94
4126	2.52	4.73	55.93	57.97	59.13	56.80	56.80	56.80
4127	2.52	4.43	55.82	57.80	58.93	56.67	56.67	56.67
4128	2.52	4.10	55.72	57.57	58.63	56.52	56.52	56.52
4129	3.37	3.85	55.59	57.31	58.29	56.33	56.33	56.33
4130	4.35	3.54	55.44	57.02	57.92	56.12	56.12	56.12
4131	4.35	3.29	55.28	56.69	57.50	55.88	55.88	55.88
4132	4.35	3.25	55.09	56.32	57.02	55.62	55.62	55.62
4133	4.68	3.37	54.87	56.00	56.65	55.35	55.35	55.35
4134	4.73	6.98	54.66	55.78	56.42	55.14	55.14	55.14
4135	4.73	5.73	54.59	54.79	54.90	54.68	54.68	54.68
4136	4.73	5.21	54.01	54.74	55.16	54.33	54.33	54.33
4137	4.33	6.11	53.76	55.57	56.61	54.54	54.54	54.54
4138	3.95	6.68	53.98	56.38	57.75	55.01	55.01	55.01
4139	3.95	7.04	54.30	57.00	58.54	55.46	55.46	55.46
4140	3.95	7.56	54.60	57.49	59.14	55.84	55.84	55.84
4141	3.93	8.10	54.84	57.99	59.79	56.19	56.19	56.19
4142	3.61	8.63	55.09	58.49	60.43	56.55	56.55	56.55
4143	3.61	8.72	55.36	58.97	61.04	56.90	56.90	56.90
4144	3.61	8.40	55.64	59.28	61.36	57.20	57.20	57.20

4145	4.03	8.54	55.87	59.37	61.36	57.37	57.37	57.37
4146	4.67	8.86	55.97	59.52	61.56	57.49	57.49	57.49
4147	4.67	8.94	56.08	59.76	61.86	57.66	57.66	57.66
4148	4.67	8.69	56.22	59.93	62.05	57.82	57.82	57.82
4149	4.69	8.44	56.36	59.97	62.03	57.91	57.91	57.91
4150	4.65	8.35	56.43	59.93	61.93	57.93	57.93	57.93
4151	4.65	8.13	56.45	59.91	61.89	57.94	57.94	57.94
4152	4.65	7.91	56.48	59.85	61.77	57.92	57.92	57.92
4153	4.29	7.88	56.48	59.75	61.62	57.88	57.88	57.88
4154	3.86	7.94	56.45	59.71	61.58	57.85	57.85	57.85
4155	3.86	7.99	56.43	59.72	61.60	57.84	57.84	57.84
4156	3.86	8.16	56.43	59.74	61.63	57.85	57.85	57.85
4157	3.58	8.46	56.44	59.82	61.75	57.89	57.89	57.89
4158	3.53	11.22	56.47	59.97	61.97	57.97	57.97	57.97
4159	3.53	9.88	56.60	59.56	61.25	57.87	57.87	57.87
4160	3.53	9.66	56.39	59.74	61.65	57.82	57.82	57.82
4161	3.72	10.06	56.40	60.24	62.43	58.05	58.05	58.05
4162	3.95	10.78	56.61	60.65	62.96	58.34	58.34	58.34
4163	3.95	12.14	56.79	61.17	63.67	58.67	58.67	58.67
4164	3.95	13.73	57.00	61.98	64.82	59.13	59.13	59.13
4165	4.10	14.95	57.36	62.99	66.20	59.77	59.77	59.77
4166	4.38	15.49	57.86	63.96	67.44	60.47	60.47	60.47
4167	4.38	15.19	58.40	64.69	68.28	61.09	61.09	61.09
4168	4.38	14.06	58.89	65.03	68.53	61.52	61.52	61.52
4169	4.46	13.77	59.24	64.90	68.13	61.67	61.67	61.67
4170	4.37	13.89	59.32	64.86	68.02	61.69	61.69	61.69
4171	4.37	13.88	59.38	64.96	68.15	61.77	61.77	61.77
4172	4.37	13.63	59.49	65.06	68.25	61.88	61.88	61.88
4173	4.39	13.23	59.60	65.07	68.19	61.94	61.94	61.94
4174	4.29	12.76	59.68	64.98	68.01	61.95	61.95	61.95
4175	4.29	12.22	59.70	64.82	67.74	61.89	61.89	61.89
4176	4.29	11.68	59.68	64.59	67.39	61.79	61.79	61.79
4177	4.04	11.14	59.62	64.31	66.99	61.63	61.63	61.63
4178	3.57	10.47	59.53	64.00	66.56	61.45	61.45	61.45
4179	3.57	9.83	59.41	63.63	66.04	61.22	61.22	61.22
4180	3.57	9.51	59.25	63.22	65.48	60.95	60.95	60.95
4181	3.12	9.47	59.05	62.90	65.09	60.70	60.70	60.70
4182	2.88	10.78	58.87	62.70	64.89	60.51	60.51	60.51
4183	2.88	10.13	58.77	62.25	64.24	60.27	60.27	60.27

4184	2.88	10.88	58.49	62.35	64.55	60.14	60.14	60.14
4185	2.64	11.85	58.42	62.78	65.27	60.29	60.29	60.29
4186	6.48	13.19	58.54	63.33	66.07	60.59	60.59	60.59
4187	6.48	14.66	58.74	64.08	67.14	61.03	61.03	61.03
4188	6.48	16.10	59.05	64.97	68.35	61.58	61.58	61.58
4189	5.35	17.19	59.45	65.93	69.63	62.23	62.23	62.23
4190	2.31	17.64	59.94	66.82	70.75	62.89	62.89	62.89
4191	2.31	17.33	60.46	67.47	71.48	63.46	63.46	63.46
4192	2.31	15.61	60.91	67.77	71.69	63.85	63.85	63.85
4193	0.39	14.33	61.26	67.42	70.95	63.90	63.90	63.90
4194	-2.10	13.56	61.28	66.93	70.16	63.70	63.70	63.70
4195	-2.10	13.32	61.15	66.51	69.57	63.45	63.45	63.45
4196	-2.10	13.36	60.99	66.26	69.28	63.25	63.25	63.25
4197	-5.27	13.34	60.87	66.17	69.20	63.14	63.14	63.14
4198	-8.05	12.56	60.82	66.12	69.15	63.09	63.09	63.09
4199	-8.05	11.16	60.83	65.82	68.67	62.97	62.97	62.97
4200	-8.05	9.79	60.76	65.20	67.73	62.66	62.66	62.66
4201	-8.09	8.90	60.53	64.43	66.66	62.20	62.20	62.20
4202	-6.64	8.36	60.17	63.73	65.77	61.70	61.70	61.70
4203	-6.64	7.84	59.81	63.17	65.09	61.25	61.25	61.25
4204	-6.64	7.69	59.49	62.65	64.46	60.85	60.85	60.85
4205	-6.99	7.68	59.17	62.28	64.06	60.51	60.51	60.51
4206	-6.29	8.93	58.91	62.03	63.81	60.25	60.25	60.25
4207	-6.29	8.58	58.75	61.55	63.15	59.95	59.95	59.95
4208	-6.29	9.69	58.40	61.69	63.57	59.81	59.81	59.81
4209	-5.44	11.57	58.31	62.23	64.47	59.99	59.99	59.99
4210	-4.84	13.58	58.42	63.13	65.82	60.43	60.43	60.43
4211	-4.84	15.02	58.73	64.24	67.39	61.09	61.09	61.09
4212	-4.84	16.33	59.21	65.28	68.75	61.81	61.81	61.81
4213	-3.94	17.10	59.72	66.28	70.02	62.53	62.53	62.53
4214	-2.41	17.38	60.26	67.09	70.99	63.19	63.19	63.19
4215	-2.41	16.90	60.76	67.66	71.60	63.72	63.72	63.72
4216	-2.41	14.67	61.19	67.87	71.68	64.05	64.05	64.05
4217	-0.10	13.01	61.52	67.30	70.60	64.00	64.00	64.00
4218	1.63	11.87	61.44	66.57	69.50	63.64	63.64	63.64
4219	1.63	11.17	61.20	65.89	68.58	63.21	63.21	63.21
4220	1.63	10.92	60.92	65.35	67.88	62.82	62.82	62.82
4221	2.74	10.47	60.64	64.99	67.48	62.51	62.51	62.51
4222	3.90	10.11	60.45	64.63	67.02	62.24	62.24	62.24

4223	3.90	9.88	60.25	64.30	66.61	61.99	61.99	61.99
4224	3.90	9.68	60.06	64.02	66.28	61.76	61.76	61.76
4225	4.76	9.32	59.89	63.78	66.00	61.56	61.56	61.56
4226	5.27	8.89	59.75	63.50	65.64	61.36	61.36	61.36
4227	5.27	8.48	59.59	63.18	65.22	61.13	61.13	61.13
4228	5.27	8.27	59.42	62.84	64.79	60.88	60.88	60.88
4229	5.55	8.32	59.22	62.56	64.47	60.65	60.65	60.65
4230	5.78	8.34	59.03	62.40	64.33	60.47	60.47	60.47
4231	5.78	10.48	58.90	62.28	64.22	60.35	60.35	60.35
4232	5.78	12.14	58.78	62.25	64.23	60.27	60.27	60.27
4233	5.96	13.97	58.62	63.00	65.50	60.50	60.50	60.50
4234	9.76	14.79	58.82	64.14	67.19	61.10	61.10	61.10
4235	9.76	14.62	59.31	65.06	68.35	61.77	61.77	61.77
4236	9.76	14.34	59.80	65.52	68.79	62.25	62.25	62.25
4237	8.93	13.47	60.13	65.74	68.95	62.53	62.53	62.53
4238	6.89	12.36	60.36	65.66	68.69	62.63	62.63	62.63
4239	6.89	11.41	60.44	65.37	68.18	62.55	62.55	62.55
4240	6.89	10.46	60.40	64.95	67.55	62.35	62.35	62.35
4241	5.58	9.61	60.27	64.45	66.84	62.06	62.06	62.06
4242	4.15	8.82	60.07	63.92	66.12	61.72	61.72	61.72
4243	4.15	8.24	59.83	63.38	65.40	61.35	61.35	61.35
4244	4.15	7.87	59.56	62.88	64.78	60.99	60.99	60.99
4245	2.55	7.31	59.29	62.47	64.29	60.66	60.66	60.66
4246	1.05	6.74	59.06	62.02	63.72	60.33	60.33	60.33
4247	1.05	6.45	58.81	61.55	63.11	59.98	59.98	59.98
4248	1.05	6.10	58.53	61.16	62.66	59.66	59.66	59.66
4249	0.03	5.82	58.29	60.78	62.20	59.36	59.36	59.36
4250	-0.78	5.69	58.05	60.43	61.79	59.07	59.07	59.07
4251	-0.78	5.53	57.82	60.15	61.48	58.82	58.82	58.82
4252	-0.78	5.40	57.61	59.89	61.19	58.59	58.59	58.59
4253	-1.18	5.25	57.43	59.64	60.91	58.38	58.38	58.38
4254	-1.12	5.07	57.26	59.36	60.57	58.16	58.16	58.16
4255	-1.12	5.59	57.08	59.07	60.21	57.93	57.93	57.93
4256	-1.12	6.76	56.85	59.08	60.36	57.81	57.81	57.81
4257	-1.56	7.71	56.72	59.51	61.10	57.91	57.91	57.91
4258	-1.21	8.29	56.81	60.01	61.83	58.18	58.18	58.18
4259	-1.21	8.34	57.00	60.42	62.38	58.46	58.46	58.46
4260	-1.21	8.26	57.20	60.63	62.60	58.67	58.67	58.67
4261	-0.05	8.32	57.32	60.72	62.67	58.78	58.78	58.78



4262	1.31	8.59	57.39	60.81	62.77	58.85	58.85	58.85
4263	1.31	8.85	57.43	60.96	62.98	58.95	58.95	58.95
4264	1.31	8.79	57.50	61.14	63.22	59.06	59.06	59.06
4265	2.33	8.60	57.60	61.21	63.27	59.15	59.15	59.15
4266	3.05	8.40	57.67	61.19	63.21	59.18	59.18	59.18
4267	3.05	8.11	57.68	61.13	63.10	59.16	59.16	59.16
4268	3.05	7.87	57.68	61.00	62.90	59.10	59.10	59.10
4269	3.89	7.49	57.64	60.86	62.71	59.02	59.02	59.02
4270	4.64	7.16	57.58	60.66	62.42	58.90	58.90	58.90
4271	4.64	7.03	57.49	60.43	62.12	58.75	58.75	58.75
4272	4.64	6.95	57.38	60.27	61.92	58.61	58.61	58.61
4273	4.95	6.77	57.27	60.14	61.77	58.50	58.50	58.50
4274	5.58	6.53	57.19	59.99	61.58	58.39	58.39	58.39
4275	5.58	6.24	57.11	59.80	61.34	58.26	58.26	58.26
4276	5.58	6.24	57.01	59.59	61.06	58.11	58.11	58.11
4277	6.57	6.53	56.88	59.43	60.88	57.97	57.97	57.97
4278	7.33	9.70	56.76	59.37	60.86	57.88	57.88	57.88
4279	7.33	8.67	56.78	58.69	59.78	57.60	57.60	57.60
4280	7.33	8.54	56.38	58.81	60.19	57.42	57.42	57.42
4281	7.68	9.37	56.28	59.50	61.34	57.66	57.66	57.66
4282	11.58	10.36	56.51	60.16	62.24	58.07	58.07	58.07
4283	11.58	11.87	56.77	60.88	63.23	58.53	58.53	58.53
4284	11.58	13.53	57.06	61.84	64.58	59.11	59.11	59.11
4285	10.68	14.93	57.49	62.98	66.12	59.84	59.84	59.84
4286	7.35	16.19	58.04	64.11	67.58	60.64	60.64	60.64
4287	7.35	16.76	58.63	65.18	68.93	61.44	61.44	61.44
4288	7.35	16.20	59.25	66.00	69.85	62.14	62.14	62.14
4289	4.92	15.77	59.83	66.30	70.00	62.60	62.60	62.60
4290	2.91	15.70	60.15	66.44	70.04	62.85	62.85	62.85
4291	2.91	15.48	60.36	66.61	70.18	63.04	63.04	63.04
4292	2.91	15.04	60.55	66.70	70.22	63.19	63.19	63.19
4293	1.19	14.49	60.71	66.68	70.09	63.27	63.27	63.27
4294	0.22	14.01	60.80	66.55	69.83	63.26	63.26	63.26
4295	0.22	13.81	60.82	66.38	69.55	63.20	63.20	63.20
4296	0.22	13.57	60.80	66.28	69.41	63.15	63.15	63.15
4297	-0.28	13.36	60.79	66.18	69.26	63.10	63.10	63.10
4298	0.00	13.04	60.78	66.08	69.12	63.05	63.05	63.05
4299	0.00	12.69	60.76	65.95	68.91	62.98	62.98	62.98
4300	0.00	12.43	60.73	65.78	68.66	62.89	62.89	62.89

4301	0.01	12.10	60.67	65.62	68.44	62.79	62.79	62.79
4302	-0.09	12.65	60.61	65.43	68.18	62.68	62.68	62.68
4303	-0.09	12.33	60.56	65.04	67.61	62.48	62.48	62.48
4304	-0.09	13.18	60.34	65.11	67.83	62.38	62.38	62.38
4305	-0.53	14.24	60.29	65.51	68.49	62.53	62.53	62.53
4306	-0.17	15.10	60.41	66.08	69.32	62.84	62.84	62.84
4307	-0.17	16.00	60.65	66.66	70.10	63.23	63.23	63.23
4308	-0.17	16.78	60.93	67.27	70.90	63.65	63.65	63.65
4309	0.63	17.00	61.24	67.88	71.67	64.08	64.08	64.08
4310	1.47	16.82	61.59	68.29	72.12	64.46	64.46	64.46
4311	1.47	15.97	61.89	68.49	72.26	64.72	64.72	64.72
4312	1.47	14.37	62.11	68.37	71.94	64.79	64.79	64.79
4313	2.01	13.95	62.20	67.83	71.05	64.62	64.62	64.62
4314	2.54	14.01	62.03	67.50	70.63	64.38	64.38	64.38
4315	2.54	13.77	61.89	67.39	70.54	64.25	64.25	64.25
4316	2.54	13.25	61.84	67.26	70.35	64.16	64.16	64.16
4317	2.78	12.58	61.80	67.02	70.00	64.03	64.03	64.03
4318	2.89	12.00	61.71	66.67	69.51	63.84	63.84	63.84
4319	2.89	11.38	61.57	66.31	69.01	63.60	63.60	63.60
4320	2.89	10.75	61.41	65.91	68.48	63.33	63.33	63.33
4321	2.56	10.58	61.21	65.48	67.91	63.04	63.04	63.04
4322	1.78	10.57	60.98	65.19	67.59	62.78	62.78	62.78
4323	1.78	10.53	60.79	65.00	67.41	62.60	62.60	62.60
4324	1.78	10.56	60.66	64.86	67.26	62.46	62.46	62.46
4325	1.22	10.58	60.55	64.77	67.18	62.36	62.36	62.36
4326	1.23	11.39	60.46	64.69	67.11	62.28	62.28	62.28
4327	1.23	11.33	60.42	64.47	66.79	62.15	62.15	62.15
4328	1.23	12.17	60.25	64.67	67.20	62.14	62.14	62.14
4329	2.05	13.02	60.25	65.11	67.89	62.34	62.34	62.34
4330	6.91	13.95	60.40	65.60	68.58	62.63	62.63	62.63
4331	6.91	14.89	60.60	66.16	69.34	62.98	62.98	62.98
4332	6.91	15.76	60.85	66.77	70.15	63.39	63.39	63.39
4333	6.71	16.30	61.14	67.39	70.96	63.82	63.82	63.82
4334	4.90	16.42	61.48	67.92	71.60	64.24	64.24	64.24
4335	4.90	15.85	61.80	68.26	71.95	64.57	64.57	64.57
4336	4.90	14.40	62.08	68.30	71.85	64.74	64.74	64.74
4337	4.42	14.05	62.25	67.89	71.11	64.66	64.66	64.66
4338	3.85	14.18	62.14	67.64	70.79	64.50	64.50	64.50
4339	3.85	13.79	62.04	67.61	70.79	64.43	64.43	64.43

4340	3.85	12.79	62.05	67.47	70.56	64.37	64.37	64.37
4341	3.07	11.77	62.04	67.06	69.94	64.19	64.19	64.19
4342	2.37	11.24	61.90	66.53	69.18	63.89	63.89	63.89
4343	2.37	10.92	61.66	66.10	68.63	63.57	63.57	63.57
4344	2.37	10.79	61.44	65.76	68.23	63.29	63.29	63.29
4345	1.79	10.95	61.24	65.52	67.97	63.07	63.07	63.07
4346	1.21	11.16	61.07	65.42	67.91	62.94	62.94	62.94
4347	1.21	11.29	60.97	65.41	67.95	62.87	62.87	62.87
4348	1.21	11.34	60.92	65.41	67.98	62.84	62.84	62.84
4349	0.67	11.31	60.89	65.40	67.98	62.82	62.82	62.82
4350	0.49	12.02	60.87	65.37	67.95	62.80	62.80	62.80
4351	0.49	11.99	60.86	65.20	67.68	62.72	62.72	62.72
4352	0.49	12.94	60.73	65.43	68.11	62.74	62.74	62.74
4353	-0.19	14.10	60.76	65.91	68.85	62.96	62.96	62.96
4354	-0.05	14.99	60.92	66.53	69.73	63.32	63.32	63.32
4355	-0.05	15.69	61.19	67.14	70.53	63.74	63.74	63.74
4356	-0.05	16.21	61.49	67.69	71.23	64.15	64.15	64.15
4357	0.42	16.52	61.79	68.18	71.83	64.53	64.53	64.53
4358	1.30	16.73	62.09	68.57	72.28	64.87	64.87	64.87
4359	1.30	16.32	62.34	68.89	72.63	65.15	65.15	65.15
4360	1.30	14.83	62.59	68.96	72.61	65.32	65.32	65.32
4361	2.35	14.34	62.77	68.55	71.86	65.25	65.25	65.25
4362	3.44	14.37	62.66	68.26	71.46	65.06	65.06	65.06
4363	3.44	13.96	62.55	68.17	71.38	64.96	64.96	64.96
4364	3.44	13.48	62.53	67.99	71.11	64.87	64.87	64.87
4365	4.39	12.80	62.47	67.75	70.76	64.73	64.73	64.73
4366	5.26	12.32	62.39	67.41	70.27	64.54	64.54	64.54
4367	5.26	12.26	62.24	67.08	69.84	64.31	64.31	64.31
4368	5.26	12.18	62.07	66.89	69.64	64.13	64.13	64.13
4369	5.97	11.95	61.95	66.75	69.49	64.01	64.01	64.01
4370	6.50	11.38	61.86	66.57	69.27	63.88	63.88	63.88
4371	6.50	10.82	61.78	66.27	68.84	63.71	63.71	63.71
4372	6.50	10.20	61.64	65.92	68.36	63.47	63.47	63.47
4373	6.98	9.50	61.47	65.51	67.82	63.20	63.20	63.20
4374	7.48	9.44	61.27	65.04	67.20	62.89	62.89	62.89
4375	7.48	9.06	61.04	64.48	66.45	62.51	62.51	62.51
4376	7.48	9.79	60.70	64.29	66.34	62.24	62.24	62.24
4377	8.00	10.82	60.50	64.41	66.65	62.18	62.18	62.18
4378	12.10	11.87	60.44	64.77	67.24	62.29	62.29	62.29

4379	12.10	12.96	60.51	65.26	67.97	62.55	62.55	62.55
4380	12.10	13.96	60.68	65.85	68.80	62.89	62.89	62.89
4381	10.70	14.67	60.92	66.47	69.65	63.30	63.30	63.30
4382	7.17	15.34	61.22	67.03	70.36	63.71	63.71	63.71
4383	7.17	15.34	61.51	67.57	71.04	64.11	64.11	64.11
4384	7.17	13.73	61.83	67.87	71.32	64.42	64.42	64.42
4385	5.04	12.73	62.12	67.51	70.59	64.43	64.43	64.43
4386	3.36	12.25	62.07	67.08	69.93	64.22	64.22	64.22
4387	3.36	11.94	61.93	66.75	69.50	63.99	63.99	63.99
4388	3.36	11.80	61.79	66.50	69.19	63.81	63.81	63.81
4389	2.11	11.45	61.66	66.32	68.98	63.66	63.66	63.66
4390	1.08	10.98	61.57	66.10	68.69	63.51	63.51	63.51
4391	1.08	10.77	61.47	65.82	68.30	63.33	63.33	63.33
4392	1.08	10.57	61.32	65.59	68.03	63.15	63.15	63.15
4393	0.03	10.13	61.20	65.39	67.79	62.99	62.99	62.99
4394	-0.79	9.57	61.09	65.12	67.42	62.81	62.81	62.81
4395	-0.79	8.90	60.95	64.76	66.94	62.59	62.59	62.59
4396	-0.79	8.52	60.78	64.33	66.36	62.30	62.30	62.30
4397	-1.54	8.50	60.55	63.96	65.90	62.01	62.01	62.01
4398	-1.87	8.49	60.32	63.73	65.67	61.78	61.78	61.78
4399	-1.87	9.29	60.15	63.56	65.50	61.61	61.61	61.61
4400	-1.87	9.50	60.02	63.38	65.30	61.46	61.46	61.46
4401	-2.38	9.56	59.87	63.33	65.31	61.35	61.35	61.35
4402	-2.36	9.97	59.79	63.34	65.37	61.31	61.31	61.31
4403	-2.36	10.66	59.73	63.49	65.64	61.34	61.34	61.34
4404	-2.36	11.34	59.73	63.83	66.17	61.49	61.49	61.49
4405	-1.56	11.54	59.83	64.26	66.79	61.73	61.73	61.73
4406	0.02	11.51	60.02	64.57	67.17	61.97	61.97	61.97
4407	0.02	11.63	60.18	64.79	67.42	62.15	62.15	62.15
4408	0.02	11.68	60.30	64.96	67.62	62.30	62.30	62.30
4409	1.56	11.66	60.41	65.08	67.75	62.41	62.41	62.41
4410	2.45	11.62	60.50	65.16	67.82	62.49	62.49	62.49
4411	2.45	11.14	60.56	65.20	67.85	62.55	62.55	62.55
4412	2.45	10.02	60.62	65.07	67.61	62.53	62.53	62.53
4413	2.83	8.74	60.64	64.63	66.92	62.35	62.35	62.35
4414	3.11	8.04	60.50	63.99	65.99	62.00	62.00	62.00
4415	3.11	7.90	60.22	63.44	65.28	61.60	61.60	61.60
4416	3.11	7.77	59.92	63.10	64.91	61.28	61.28	61.28
4417	3.28	7.75	59.70	62.84	64.63	61.05	61.05	61.05

4418	3.41	7.82	59.52	62.65	64.44	60.86	60.86	60.86
4419	3.41	7.88	59.37	62.53	64.34	60.73	60.73	60.73
4420	3.41	8.15	59.26	62.45	64.28	60.63	60.63	60.63
4421	3.49	8.55	59.17	62.47	64.36	60.58	60.58	60.58
4422	3.64	8.94	59.12	62.58	64.56	60.60	60.60	60.60
4423	3.64	9.03	59.12	62.74	64.81	60.67	60.67	60.67
4424	3.64	8.78	59.17	62.81	64.89	60.73	60.73	60.73
4425	3.87	8.51	59.21	62.75	64.78	60.73	60.73	60.73
4426	4.09	9.01	59.19	62.63	64.60	60.67	60.67	60.67
4427	4.09	10.17	59.10	62.75	64.84	60.67	60.67	60.67
4428	4.09	11.36	59.09	63.21	65.57	60.86	60.86	60.86
4429	7.36	12.37	59.24	63.83	66.46	61.21	61.21	61.21
4430	6.57	12.90	59.50	64.49	67.34	61.64	61.64	61.64
4431	6.57	13.33	59.82	65.01	67.97	62.04	62.04	62.04
4432	6.57	13.34	60.11	65.45	68.50	62.40	62.40	62.40
4433	4.50	12.63	60.39	65.72	68.76	62.67	62.67	62.67
4434	2.40	11.90	60.62	65.66	68.53	62.78	62.78	62.78
4435	2.40	11.70	60.70	65.44	68.14	62.73	62.73	62.73
4436	2.40	11.69	60.65	65.31	67.97	62.65	62.65	62.65
4437	0.30	11.13	60.62	65.28	67.94	62.61	62.61	62.61
4438	-1.66	10.52	60.64	65.08	67.61	62.54	62.54	62.54
4439	-1.66	10.15	60.58	64.78	67.17	62.38	62.38	62.38
4440	-1.66	9.78	60.46	64.51	66.83	62.20	62.20	62.20
4441	-3.80	9.49	60.34	64.25	66.48	62.01	62.01	62.01
4442	-5.42	9.18	60.21	64.00	66.17	61.83	61.83	61.83
4443	-5.42	8.89	60.08	63.74	65.84	61.65	61.65	61.65
4444	-5.42	8.91	59.94	63.47	65.49	61.45	61.45	61.45
4445	-5.62	9.18	59.79	63.27	65.27	61.28	61.28	61.28
4446	-5.62	9.36	59.65	63.20	65.23	61.17	61.17	61.17
4447	-5.62	9.32	59.57	63.17	65.23	61.11	61.11	61.11
4448	-5.62	10.49	59.50	63.27	65.42	61.12	61.12	61.12
4449	-5.43	10.95	59.47	63.70	66.12	61.28	61.28	61.28
4450	-5.24	11.27	59.63	64.04	66.57	61.52	61.52	61.52
4451	-5.24	11.98	59.79	64.32	66.91	61.73	61.73	61.73
4452	-5.24	12.70	59.91	64.72	67.47	61.97	61.97	61.97
4453	-4.55	13.39	60.09	65.18	68.09	62.27	62.27	62.27
4454	-3.30	14.09	60.32	65.67	68.73	62.61	62.61	62.61
4455	-3.30	14.62	60.57	66.18	69.39	62.97	62.97	62.97
4456	-3.30	14.95	60.84	66.66	69.98	63.34	63.34	63.34

4457	-1.87	15.40	61.12	67.05	70.44	63.66	63.66	63.66
4458	-0.13	15.65	61.37	67.45	70.93	63.98	63.98	63.98
4459	-0.13	15.60	61.62	67.79	71.32	64.27	64.27	64.27
4460	-0.13	14.91	61.86	68.00	71.50	64.49	64.49	64.49
4461	1.56	14.14	62.07	67.92	71.27	64.58	64.58	64.58
4462	2.93	13.62	62.14	67.69	70.85	64.52	64.52	64.52
4463	2.93	13.19	62.10	67.45	70.51	64.40	64.40	64.40
4464	2.93	12.65	62.04	67.22	70.19	64.26	64.26	64.26
4465	3.79	12.29	61.97	66.95	69.79	64.10	64.10	64.10
4466	4.20	12.17	61.86	66.70	69.47	63.93	63.93	63.93
4467	4.20	12.05	61.74	66.54	69.28	63.80	63.80	63.80
4468	4.20	11.47	61.65	66.41	69.13	63.69	63.69	63.69
4469	4.55	10.53	61.60	66.13	68.72	63.54	63.54	63.54
4470	4.93	10.59	61.50	65.67	68.05	63.29	63.29	63.29
4471	4.93	9.61	61.32	64.98	67.06	62.89	62.89	62.89
4472	4.93	9.48	60.97	64.58	66.64	62.51	62.51	62.51
4473	5.31	9.52	60.71	64.39	66.50	62.29	62.29	62.29
4474	5.68	9.30	60.55	64.28	66.42	62.15	62.15	62.15
4475	5.68	9.08	60.45	64.13	66.23	62.02	62.02	62.02
4476	5.68	8.82	60.34	63.95	66.02	61.89	61.89	61.89
4477	5.77	9.14	60.23	63.76	65.78	61.74	61.74	61.74
4478	5.59	9.87	60.08	63.75	65.85	61.65	61.65	61.65
4479	5.59	9.96	60.00	63.96	66.23	61.70	61.70	61.70
4480	5.59	9.76	60.06	64.06	66.34	61.77	61.77	61.77
4481	5.40	9.97	60.10	64.02	66.26	61.78	61.78	61.78
4482	5.29	10.36	60.07	64.07	66.35	61.78	61.78	61.78
4483	5.29	10.18	60.06	64.22	66.60	61.84	61.84	61.84
4484	5.29	9.01	60.13	64.22	66.55	61.88	61.88	61.88
4485	5.33	7.58	60.19	63.80	65.87	61.74	61.74	61.74
4486	5.44	7.04	60.07	63.11	64.85	61.37	61.37	61.37
4487	5.44	7.34	59.75	62.58	64.20	60.96	60.96	60.96
4488	5.44	7.52	59.43	62.40	64.09	60.70	60.70	60.70
4489	5.52	7.80	59.27	62.31	64.05	60.57	60.57	60.57
4490	5.55	8.17	59.15	62.32	64.12	60.51	60.51	60.51
4491	5.55	8.46	59.09	62.40	64.30	60.51	60.51	60.51
4492	5.55	8.64	59.08	62.51	64.47	60.55	60.55	60.55
4493	5.68	8.69	59.10	62.60	64.60	60.60	60.60	60.60
4494	5.80	10.72	59.12	62.64	64.66	60.63	60.63	60.63
4495	5.80	9.53	59.19	62.22	63.95	60.49	60.49	60.49

4496	5.80	9.65	58.95	62.37	64.32	60.41	60.41	60.41
4497	5.89	10.10	58.94	62.74	64.91	60.57	60.57	60.57
4498	6.04	11.15	59.07	63.09	65.39	60.79	60.79	60.79
4499	6.04	12.96	59.18	63.67	66.23	61.10	61.10	61.10
4500	6.04	14.95	59.38	64.61	67.60	61.63	61.63	61.63
4501	6.36	16.25	59.77	65.79	69.22	62.35	62.35	62.35
4502	6.78	16.67	60.34	66.83	70.54	63.12	63.12	63.12
4503	6.78	16.35	60.93	67.54	71.33	63.76	63.76	63.76
4504	6.78	15.28	61.42	67.88	71.57	64.18	64.18	64.18
4505	7.15	15.16	61.76	67.78	71.21	64.34	64.34	64.34
4506	7.54	15.47	61.84	67.80	71.21	64.39	64.39	64.39
4507	7.54	15.38	61.92	68.00	71.47	64.52	64.52	64.52
4508	7.54	15.00	62.08	68.11	71.56	64.66	64.66	64.66
4509	7.97	14.46	62.21	68.09	71.45	64.73	64.73	64.73
4510	8.40	14.00	62.28	67.94	71.18	64.70	64.70	64.70
4511	8.40	13.91	62.27	67.76	70.90	64.63	64.63	64.63
4512	8.40	13.82	62.22	67.68	70.80	64.56	64.56	64.56
4513	8.78	13.60	62.20	67.63	70.73	64.53	64.53	64.53
4514	9.12	13.18	62.20	67.54	70.59	64.49	64.49	64.49
4515	9.12	12.78	62.19	67.37	70.32	64.41	64.41	64.41
4516	9.12	12.44	62.13	67.16	70.03	64.29	64.29	64.29
4517	9.44	12.19	62.05	66.94	69.74	64.15	64.15	64.15
4518	9.74	12.78	61.96	66.76	69.50	64.01	64.01	64.01
4519	9.74	12.43	61.89	66.41	68.99	63.82	63.82	63.82
4520	9.74	13.12	61.68	66.46	69.19	63.73	63.73	63.73
4521	9.96	13.95	61.63	66.79	69.74	63.84	63.84	63.84
4522	13.79	15.24	61.72	67.23	70.37	64.08	64.08	64.08
4523	13.79	16.98	61.87	67.88	71.31	64.45	64.45	64.45
4524	13.79	18.81	62.13	68.80	72.61	64.99	64.99	64.99
4525	12.45	19.71	62.53	69.89	74.09	65.68	65.68	65.68
4526	9.46	19.64	63.09	70.75	75.12	66.37	66.37	66.37
4527	9.46	18.64	63.62	71.21	75.55	66.87	66.87	66.87
4528	9.46	16.94	64.02	71.19	75.29	67.09	67.09	67.09
4529	7.77	16.71	64.21	70.72	74.44	67.00	67.00	67.00
4530	6.07	16.97	64.10	70.52	74.19	66.85	66.85	66.85
4531	6.07	16.50	64.03	70.57	74.30	66.83	66.83	66.83
4532	6.07	15.52	64.10	70.45	74.08	66.82	66.82	66.82
4533	4.35	14.47	64.12	70.09	73.51	66.68	66.68	66.68
4534	2.72	13.63	64.02	69.60	72.78	66.41	66.41	66.41

4535	2.72	13.09	63.83	69.09	72.10	66.09	66.09	66.09
4536	2.72	12.58	63.60	68.67	71.57	65.77	65.77	65.77
4537	1.67	12.15	63.39	68.27	71.07	65.48	65.48	65.48
4538	1.29	12.00	63.18	67.91	70.61	65.20	65.20	65.20
4539	1.29	11.86	62.96	67.65	70.32	64.97	64.97	64.97
4540	1.29	11.71	62.79	67.43	70.08	64.78	64.78	64.78
4541	1.19	11.50	62.65	67.24	69.86	64.62	64.62	64.62
4542	1.40	11.87	62.52	67.03	69.61	64.46	64.46	64.46
4543	1.40	11.79	62.41	66.75	69.24	64.27	64.27	64.27
4544	1.40	12.42	62.21	66.81	69.44	64.18	64.18	64.18
4545	0.99	13.28	62.15	67.04	69.83	64.25	64.25	64.25
4546	1.48	14.52	62.19	67.42	70.40	64.43	64.43	64.43
4547	1.48	15.74	62.30	68.00	71.26	64.74	64.74	64.74
4548	1.48	17.00	62.53	68.69	72.22	65.17	65.17	65.17
4549	2.06	18.26	62.83	69.46	73.26	65.67	65.67	65.67
4550	3.22	19.58	63.19	70.29	74.35	66.24	66.24	66.24
4551	3.22	20.13	63.61	71.18	75.51	66.86	66.86	66.86
4552	3.22	18.71	64.10	71.85	76.28	67.42	67.42	67.42
4553	4.32	17.49	64.60	71.77	75.86	67.67	67.67	67.67
4554	5.19	16.78	64.75	71.43	75.25	67.61	67.61	67.61
4555	5.19	16.16	64.71	71.13	74.80	67.46	67.46	67.46
4556	5.19	15.54	64.65	70.84	74.37	67.30	67.30	67.30
4557	5.91	14.82	64.56	70.52	73.92	67.11	67.11	67.11
4558	6.57	14.29	64.45	70.14	73.39	66.89	66.89	66.89
4559	6.57	14.22	64.29	69.79	72.93	66.65	66.65	66.65
4560	6.57	14.07	64.11	69.59	72.73	66.46	66.46	66.46
4561	7.25	13.42	63.99	69.43	72.53	66.32	66.32	66.32
4562	8.00	12.43	63.92	69.11	72.07	66.14	66.14	66.14
4563	8.00	11.51	63.79	68.60	71.35	65.85	65.85	65.85
4564	8.00	10.94	63.57	68.03	70.59	65.48	65.48	65.48
4565	8.73	10.67	63.28	67.54	69.97	65.10	65.10	65.10
4566	9.14	10.41	63.00	67.16	69.55	64.78	64.78	64.78
4567	9.14	11.89	62.76	66.84	69.17	64.51	64.51	64.51
4568	9.14	13.62	62.52	66.73	69.13	64.33	64.33	64.33
4569	9.23	15.21	62.32	67.29	70.13	64.45	64.45	64.45
4570	12.84	16.40	62.43	68.16	71.44	64.89	64.89	64.89
4571	12.84	16.85	62.75	69.03	72.62	65.45	65.45	65.45
4572	12.84	17.17	63.18	69.63	73.32	65.94	65.94	65.94
4573	11.32	17.43	63.51	70.09	73.84	66.33	66.33	66.33



4574	8.19	17.76	63.79	70.48	74.30	66.65	66.65	66.65
4575	8.19	18.34	64.03	70.88	74.79	66.96	66.96	66.96
4576	8.19	18.60	64.27	71.32	75.35	67.29	67.29	67.29
4577	6.28	18.37	64.54	71.67	75.75	67.60	67.60	67.60
4578	4.69	17.86	64.79	71.82	75.84	67.81	67.81	67.81
4579	4.69	17.09	64.97	71.79	75.68	67.89	67.89	67.89
4580	4.69	16.20	65.05	71.57	75.30	67.85	67.85	67.85
4581	3.39	15.32	65.04	71.23	74.76	67.70	67.70	67.70
4582	2.22	14.99	64.95	70.81	74.15	67.46	67.46	67.46
4583	2.22	15.01	64.78	70.52	73.80	67.24	67.24	67.24
4584	2.22	15.06	64.63	70.39	73.68	67.09	67.09	67.09
4585	1.35	15.00	64.54	70.33	73.63	67.02	67.02	67.02
4586	0.62	14.63	64.50	70.26	73.56	66.97	66.97	66.97
4587	0.62	14.25	64.47	70.10	73.31	66.88	66.88	66.88
4588	0.62	13.53	64.40	69.88	73.02	66.75	66.75	66.75
4589	0.06	12.43	64.32	69.53	72.51	66.56	66.56	66.56
4590	-0.09	11.39	64.19	68.99	71.73	66.24	66.24	66.24
4591	-0.09	11.23	63.95	68.35	70.87	65.84	65.84	65.84
4592	-0.09	12.13	63.61	67.97	70.46	65.48	65.48	65.48
4593	-0.71	12.72	63.32	68.05	70.75	65.35	65.35	65.35
4594	-0.47	13.22	63.26	68.22	71.05	65.38	65.38	65.38
4595	-0.47	14.09	63.27	68.42	71.36	65.48	65.48	65.48
4596	-0.47	14.93	63.30	68.79	71.92	65.65	65.65	65.65
4597	0.21	15.18	63.42	69.23	72.55	65.91	65.91	65.91
4598	1.31	15.04	63.63	69.52	72.89	66.16	66.16	66.16
4599	1.31	14.83	63.81	69.63	72.96	66.30	66.30	66.30
4600	1.31	14.66	63.90	69.64	72.92	66.36	66.36	66.36
4601	2.57	14.53	63.95	69.61	72.85	66.38	66.38	66.38
4602	3.72	14.37	63.96	69.58	72.79	66.37	66.37	66.37
4603	3.72	14.25	63.97	69.52	72.70	66.35	66.35	66.35
4604	3.72	13.87	63.95	69.46	72.61	66.32	66.32	66.32
4605	4.53	13.28	63.95	69.31	72.38	66.25	66.25	66.25
4606	5.25	12.60	63.91	69.04	71.98	66.11	66.11	66.11
4607	5.25	12.01	63.81	68.69	71.47	65.90	65.90	65.90
4608	5.25	11.35	63.65	68.31	70.97	65.65	65.65	65.65
4609	6.06	10.82	63.47	67.88	70.40	65.36	65.36	65.36
4610	6.99	10.61	63.26	67.48	69.89	65.06	65.06	65.06
4611	6.99	10.44	63.02	67.17	69.54	64.80	64.80	64.80
4612	6.99	10.30	62.83	66.92	69.25	64.58	64.58	64.58

4613	7.91	10.12	62.66	66.70	69.01	64.39	64.39	64.39
4614	8.68	11.76	62.51	66.49	68.76	64.22	64.22	64.22
4615	8.68	11.01	62.43	65.83	67.78	63.89	63.89	63.89
4616	8.68	12.11	62.03	65.83	68.01	63.66	63.66	63.66
4617	9.32	13.50	61.86	66.43	69.04	63.82	63.82	63.82
4618	13.53	14.75	62.01	67.19	70.14	64.23	64.23	64.23
4619	13.53	15.66	62.29	67.99	71.25	64.73	64.73	64.73
4620	13.53	16.57	62.65	68.74	72.22	65.26	65.26	65.26
4621	11.72	17.43	63.01	69.47	73.15	65.78	65.78	65.78
4622	7.29	17.98	63.39	70.16	74.03	66.29	66.29	66.29
4623	7.29	17.76	63.79	70.74	74.71	66.77	66.77	66.77
4624	7.29	16.42	64.17	71.01	74.92	67.10	67.10	67.10
4625	4.08	15.85	64.46	70.77	74.37	67.17	67.17	67.17
4626	1.49	15.73	64.47	70.55	74.03	67.08	67.08	67.08
4627	1.49	15.26	64.43	70.47	73.92	67.02	67.02	67.02
4628	1.49	14.51	64.43	70.30	73.65	66.95	66.95	66.95
4629	-0.58	13.60	64.41	69.99	73.18	66.80	66.80	66.80
4630	-2.30	13.25	64.32	69.55	72.54	66.56	66.56	66.56
4631	-2.30	13.69	64.12	69.24	72.16	66.32	66.32	66.32
4632	-2.30	14.10	63.93	69.23	72.25	66.20	66.20	66.20
4633	-3.47	14.06	63.88	69.33	72.45	66.21	66.21	66.21
4634	-4.11	13.43	63.91	69.35	72.46	66.24	66.24	66.24
4635	-4.11	12.76	63.93	69.13	72.10	66.16	66.16	66.16
4636	-4.11	12.34	63.86	68.80	71.63	65.98	65.98	65.98
4637	-4.68	12.05	63.72	68.51	71.24	65.77	65.77	65.77
4638	-4.84	12.47	63.57	68.25	70.92	65.57	65.57	65.57
4639	-4.84	12.49	63.44	67.88	70.42	65.34	65.34	65.34
4640	-4.84	13.88	63.20	67.97	70.70	65.24	65.24	65.24
4641	-4.69	15.77	63.12	68.52	71.60	65.43	65.43	65.43
4642	-4.39	17.09	63.25	69.40	72.91	65.89	65.89	65.89
4643	-4.39	17.58	63.61	70.24	74.03	66.45	66.45	66.45
4644	-4.39	17.93	64.03	70.82	74.70	66.94	66.94	66.94
4645	-3.49	18.39	64.37	71.27	75.21	67.33	67.33	67.33
4646	-1.89	18.65	64.65	71.70	75.73	67.67	67.67	67.67
4647	-1.89	18.18	64.93	72.06	76.13	67.98	67.98	67.98
4648	-1.89	16.60	65.20	72.13	76.09	68.17	68.17	68.17
4649	-0.15	16.18	65.39	71.71	75.32	68.10	68.10	68.10
4650	1.04	16.31	65.28	71.44	74.96	67.92	67.92	67.92
4651	1.04	16.10	65.17	71.39	74.95	67.84	67.84	67.84

4652	1.04	15.52	65.17	71.31	74.82	67.80	67.80	67.80
4653	1.70	14.85	65.16	71.09	74.47	67.70	67.70	67.70
4654	2.47	14.25	65.10	70.77	74.01	67.53	67.53	67.53
4655	2.47	13.58	64.97	70.43	73.54	67.31	67.31	67.31
4656	2.47	12.84	64.82	70.03	73.01	67.06	67.06	67.06
4657	3.06	12.31	64.65	69.58	72.40	66.76	66.76	66.76
4658	3.46	11.84	64.42	69.16	71.87	66.45	66.45	66.45
4659	3.46	11.36	64.20	68.77	71.38	66.16	66.16	66.16
4660	3.46	11.15	63.98	68.38	70.89	65.87	65.87	65.87
4661	3.80	11.18	63.75	68.08	70.55	65.60	65.60	65.60
4662	4.10	11.76	63.54	67.89	70.38	65.41	65.41	65.41
4663	4.10	10.90	63.40	67.68	70.12	65.24	65.24	65.24
4664	4.10	10.00	63.26	67.48	69.90	65.07	65.07	65.07
4665	4.34	9.23	63.15	67.06	69.29	64.83	64.83	64.83
4666	8.15	9.31	62.94	66.55	68.62	64.49	64.49	64.49
4667	8.15	10.26	62.64	66.30	68.39	64.21	64.21	64.21
4668	8.15	11.32	62.41	66.44	68.75	64.14	64.14	64.14
4669	6.61	12.34	62.35	66.81	69.36	64.27	64.27	64.27
4670	3.09	13.35	62.43	67.29	70.07	64.52	64.52	64.52
4671	3.09	13.66	62.60	67.84	70.83	64.84	64.84	64.84
4672	3.09	13.09	62.85	68.20	71.25	65.14	65.14	65.14
4673	0.36	12.77	63.08	68.19	71.11	65.27	65.27	65.27
4674	-1.91	12.67	63.13	68.11	70.96	65.27	65.27	65.27
4675	-1.91	12.53	63.13	68.07	70.89	65.25	65.25	65.25
4676	-1.91	12.29	63.12	68.01	70.81	65.22	65.22	65.22
4677	-3.52	11.91	63.11	67.91	70.65	65.17	65.17	65.17
4678	-4.86	11.32	63.08	67.73	70.39	65.08	65.08	65.08
4679	-4.86	10.60	63.02	67.44	69.97	64.92	64.92	64.92
4680	-4.86	9.88	62.91	67.05	69.42	64.68	64.68	64.68
4681	-5.72	9.27	62.73	66.61	68.82	64.39	64.39	64.39
4682	-6.38	8.71	62.51	66.16	68.24	64.08	64.08	64.08
4683	-6.38	8.15	62.28	65.71	67.67	63.75	63.75	63.75
4684	-6.38	7.68	62.04	65.26	67.10	63.42	63.42	63.42
4685	-7.06	7.39	61.78	64.82	66.56	63.08	63.08	63.08
4686	-7.10	8.87	61.51	64.45	66.13	62.77	62.77	62.77
4687	-7.10	8.11	61.33	63.69	65.03	62.34	62.34	62.34
4688	-7.10	9.32	60.84	63.71	65.35	62.07	62.07	62.07
4689	-6.82	10.99	60.66	64.32	66.42	62.23	62.23	62.23
4690	-6.50	12.20	60.78	65.14	67.64	62.65	62.65	62.65

4691	-6.50	13.33	61.08	65.94	68.72	63.16	63.16	63.16
4692	-6.50	14.50	61.42	66.72	69.74	63.69	63.69	63.69
4693	-5.87	15.18	61.78	67.52	70.79	64.24	64.24	64.24
4694	-4.97	15.30	62.20	68.17	71.59	64.76	64.76	64.76
4695	-4.97	14.66	62.60	68.59	72.02	65.17	65.17	65.17
4696	-4.97	13.14	62.92	68.64	71.91	65.37	65.37	65.37
4697	-4.07	12.60	63.10	68.23	71.16	65.30	65.30	65.30
4698	-3.26	12.57	63.01	67.92	70.73	65.11	65.11	65.11
4699	-3.26	12.55	62.89	67.80	70.61	65.00	65.00	65.00
4700	-3.26	12.38	62.84	67.74	70.55	64.94	64.94	64.94
4701	-2.51	12.02	62.82	67.66	70.43	64.89	64.89	64.89
4702	-1.60	11.64	62.80	67.50	70.19	64.81	64.81	64.81
4703	-1.60	11.19	62.74	67.30	69.90	64.69	64.69	64.69
4704	-1.60	10.73	62.65	67.04	69.55	64.53	64.53	64.53
4705	-0.94	10.50	62.54	66.75	69.16	64.35	64.35	64.35
4706	-0.55	10.43	62.39	66.52	68.88	64.16	64.16	64.16
4707	-0.55	10.36	62.26	66.36	68.71	64.02	64.02	64.02
4708	-0.55	10.16	62.15	66.24	68.57	63.90	63.90	63.90
4709	-0.10	9.93	62.07	66.08	68.37	63.79	63.79	63.79
4710	0.59	10.74	61.98	65.90	68.14	63.66	63.66	63.66
4711	0.59	10.27	61.90	65.47	67.50	63.43	63.43	63.43
4712	0.59	11.25	61.64	65.53	67.75	63.30	63.30	63.30
4713	1.55	12.57	61.55	65.98	68.51	63.45	63.45	63.45
4714	6.12	14.02	61.66	66.64	69.48	63.79	63.79	63.79
4715	6.12	15.22	61.90	67.44	70.60	64.27	64.27	64.27
4716	6.12	16.34	62.25	68.24	71.66	64.82	64.82	64.82
4717	5.21	17.28	62.64	69.04	72.69	65.38	65.38	65.38
4718	2.48	17.70	63.05	69.79	73.64	65.94	65.94	65.94
4719	2.48	17.33	63.49	70.36	74.28	66.43	66.43	66.43
4720	2.48	15.96	63.89	70.58	74.41	66.76	66.76	66.76
4721	0.87	15.55	64.17	70.32	73.83	66.80	66.80	66.80
4722	-0.73	15.65	64.16	70.15	73.57	66.73	66.73	66.73
4723	-0.73	15.37	64.13	70.16	73.61	66.72	66.72	66.72
4724	-0.73	14.78	64.18	70.11	73.49	66.72	66.72	66.72
4725	-2.25	14.03	64.21	69.91	73.17	66.66	66.66	66.66
4726	-3.64	13.29	64.18	69.59	72.68	66.50	66.50	66.50
4727	-3.64	12.78	64.08	69.21	72.14	66.28	66.28	66.28
4728	-3.64	12.24	63.92	68.86	71.68	66.03	66.03	66.03
4729	-4.46	11.69	63.76	68.50	71.21	65.79	65.79	65.79

4730	-4.81	11.18	63.58	68.12	70.72	65.53	65.53	65.53
4731	-4.81	10.68	63.39	67.75	70.23	65.26	65.26	65.26
4732	-4.81	10.44	63.20	67.36	69.74	64.98	64.98	64.98
4733	-5.16	10.46	62.98	67.06	69.39	64.73	64.73	64.73
4734	-5.15	10.45	62.78	66.88	69.22	64.54	64.54	64.54
4735	-5.15	12.00	62.64	66.74	69.08	64.40	64.40	64.40
4736	-5.15	13.41	62.51	66.77	69.20	64.33	64.33	64.33
4737	-4.86	14.45	62.41	67.29	70.08	64.50	64.50	64.50
4738	-4.45	14.96	62.55	67.97	71.07	64.88	64.88	64.88
4739	-4.45	15.12	62.84	68.54	71.81	65.28	65.28	65.28
4740	-4.45	15.20	63.13	68.92	72.22	65.61	65.61	65.61
4741	-3.61	15.14	63.35	69.18	72.51	65.85	65.85	65.85
4742	-2.23	15.08	63.54	69.37	72.70	66.03	66.03	66.03
4743	-2.23	15.35	63.67	69.52	72.86	66.18	66.18	66.18
4744	-2.23	15.10	63.78	69.72	73.12	66.33	66.33	66.33
4745	-0.72	14.12	63.93	69.77	73.11	66.43	66.43	66.43
4746	0.56	13.09	64.04	69.49	72.61	66.38	66.38	66.38
4747	0.56	12.96	63.99	69.05	71.94	66.16	66.16	66.16
4748	0.56	13.40	63.81	68.83	71.69	65.96	65.96	65.96
4749	1.43	13.45	63.67	68.87	71.84	65.90	65.90	65.90
4750	2.35	13.07	63.66	68.88	71.87	65.90	65.90	65.90
4751	2.35	12.31	63.68	68.75	71.65	65.85	65.85	65.85
4752	2.35	11.51	63.65	68.43	71.16	65.70	65.70	65.70
4753	3.31	10.91	63.53	68.00	70.56	65.45	65.45	65.45
4754	4.12	10.67	63.34	67.59	70.02	65.16	65.16	65.16
4755	4.12	10.47	63.12	67.28	69.67	64.90	64.90	64.90
4756	4.12	10.27	62.94	67.03	69.37	64.69	64.69	64.69
4757	4.88	10.15	62.78	66.80	69.10	64.50	64.50	64.50
4758	5.38	10.01	62.63	66.61	68.89	64.33	64.33	64.33
4759	5.38	10.61	62.50	66.43	68.68	64.18	64.18	64.18
4760	5.38	12.00	62.34	66.52	68.90	64.13	64.13	64.13
4761	5.61	13.24	62.27	67.00	69.70	64.30	64.30	64.30
4762	5.80	14.09	62.41	67.61	70.59	64.64	64.64	64.64
4763	5.80	14.72	62.66	68.18	71.34	65.03	65.03	65.03
4764	5.80	15.19	62.93	68.68	71.97	65.39	65.39	65.39
4765	8.85	15.45	63.19	69.11	72.50	65.73	65.73	65.73
4766	7.65	15.59	63.44	69.45	72.88	66.02	66.02	66.02
4767	7.65	15.71	63.66	69.70	73.16	66.25	66.25	66.25
4768	7.65	15.43	63.84	69.92	73.39	66.44	66.44	66.44

4769	4.97	14.93	64.01	69.97	73.37	66.56	66.56	66.56
4770	2.13	14.42	64.11	69.88	73.17	66.58	66.58	66.58
4771	2.13	13.15	64.14	69.70	72.88	66.52	66.52	66.52
4772	2.13	11.47	64.14	69.22	72.12	66.32	66.32	66.32
4773	-0.35	9.83	64.01	68.44	70.98	65.91	65.91	65.91
4774	-2.56	9.00	63.71	67.52	69.70	65.34	65.34	65.34
4775	-2.56	8.98	63.27	66.78	68.79	64.78	64.78	64.78
4776	-2.56	8.84	62.85	66.37	68.38	64.36	64.36	64.36
4777	-4.87	8.68	62.56	66.04	68.02	64.05	64.05	64.05
4778	-6.65	8.60	62.33	65.75	67.70	63.79	63.79	63.79
4779	-6.65	8.50	62.12	65.51	67.46	63.57	63.57	63.57
4780	-6.65	8.57	61.94	65.30	67.23	63.38	63.38	63.38
4781	-7.11	8.68	61.77	65.17	67.11	63.23	63.23	63.23
4782	-7.15	10.77	61.64	65.09	67.06	63.12	63.12	63.12
4783	-7.15	10.28	61.60	64.59	66.29	62.88	62.88	62.88
4784	-7.15	11.36	61.27	64.78	66.80	62.77	62.77	62.77
4785	-6.72	12.75	61.20	65.51	67.97	63.05	63.05	63.05
4786	-6.33	14.09	61.42	66.33	69.14	63.53	63.53	63.53
4787	-6.33	15.36	61.74	67.22	70.35	64.09	64.09	64.09
4788	-6.33	16.71	62.14	68.14	71.57	64.71	64.71	64.71
4789	-5.78	17.35	62.58	69.11	72.85	65.38	65.38	65.38
4790	-4.99	16.96	63.10	69.86	73.73	66.00	66.00	66.00
4791	-4.99	15.77	63.59	70.17	73.93	66.41	66.41	66.41
4792	-4.99	14.57	63.92	70.01	73.49	66.53	66.53	66.53
4793	-3.86	14.48	64.01	69.63	72.84	66.42	66.42	66.42
4794	-2.78	14.76	63.90	69.50	72.69	66.30	66.30	66.30
4795	-2.78	14.40	63.86	69.56	72.82	66.30	66.30	66.30
4796	-2.78	13.28	63.92	69.49	72.67	66.31	66.31	66.31
4797	-1.45	12.12	63.96	69.09	72.03	66.16	66.16	66.16
4798	-0.01	11.13	63.84	68.54	71.22	65.86	65.86	65.86
4799	-0.01	10.41	63.62	67.94	70.41	65.48	65.48	65.48
4800	-0.01	9.71	63.35	67.40	69.72	65.09	65.09	65.09
4801	0.95	9.25	63.08	66.87	69.04	64.70	64.70	64.70
4802	1.30	9.00	62.79	66.42	68.49	64.34	64.34	64.34
4803	1.30	8.76	62.52	66.06	68.08	64.03	64.03	64.03
4804	1.30	9.00	62.29	65.74	67.71	63.77	63.77	63.77
4805	1.59	9.71	62.05	65.61	67.64	63.58	63.58	63.58
4806	1.80	11.35	61.89	65.73	67.93	63.54	63.54	63.54
4807	1.80	11.22	61.88	65.83	68.09	63.57	63.57	63.57

4808	1.80	11.33	61.85	66.13	68.57	63.68	63.68	63.68
4809	1.91	11.53	61.94	66.38	68.91	63.85	63.85	63.85
4810	2.00	12.09	62.04	66.58	69.17	63.99	63.99	63.99
4811	2.00	13.11	62.12	66.88	69.60	64.16	64.16	64.16
4812	2.00	14.21	62.23	67.39	70.33	64.44	64.44	64.44
4813	1.29	15.11	62.43	68.01	71.20	64.82	64.82	64.82
4814	-0.51	15.70	62.72	68.64	72.02	65.26	65.26	65.26
4815	-0.51	15.56	63.05	69.18	72.68	65.68	65.68	65.68
4816	-0.51	14.36	63.38	69.43	72.89	65.98	65.98	65.98
4817	-2.11	13.67	63.64	69.21	72.39	66.03	66.03	66.03
4818	-3.75	13.36	63.65	68.94	71.97	65.92	65.92	65.92
4819	-3.75	13.18	63.58	68.76	71.72	65.80	65.80	65.80
4820	-3.75	13.02	63.52	68.64	71.56	65.71	65.71	65.71
4821	-5.57	12.81	63.47	68.53	71.42	65.64	65.64	65.64
4822	-7.10	12.23	63.43	68.41	71.25	65.56	65.56	65.56
4823	-7.10	11.26	63.40	68.16	70.88	65.44	65.44	65.44
4824	-7.10	10.27	63.32	67.70	70.21	65.20	65.20	65.20
4825	-8.01	10.11	63.14	67.14	69.43	64.85	64.85	64.85
4826	-8.34	10.76	62.85	66.81	69.07	64.55	64.55	64.55
4827	-8.34	11.42	62.61	66.84	69.25	64.42	64.42	64.42
4828	-8.34	11.89	62.54	67.02	69.59	64.46	64.46	64.46
4829	-8.60	12.14	62.56	67.24	69.90	64.57	64.57	64.57
4830	-8.40	13.28	62.63	67.40	70.12	64.68	64.68	64.68
4831	-8.40	13.04	62.72	67.38	70.04	64.72	64.72	64.72
4832	-8.40	13.51	62.68	67.66	70.51	64.82	64.82	64.82
4833	-7.78	13.90	62.78	68.05	71.06	65.04	65.04	65.04
4834	-7.18	14.37	62.96	68.39	71.49	65.28	65.28	65.28
4835	-7.18	15.20	63.12	68.73	71.93	65.53	65.53	65.53
4836	-7.18	15.90	63.29	69.20	72.58	65.82	65.82	65.82
4837	-6.41	16.29	63.52	69.70	73.22	66.17	66.17	66.17
4838	-5.36	16.73	63.79	70.10	73.70	66.49	66.49	66.49
4839	-5.36	16.48	64.03	70.49	74.18	66.80	66.80	66.80
4840	-5.36	15.50	64.29	70.64	74.26	67.01	67.01	67.01
4841	-4.32	15.78	64.48	70.44	73.85	67.04	67.04	67.04
4842	-3.52	16.62	64.44	70.51	73.98	67.04	67.04	67.04
4843	-3.52	17.13	64.47	70.86	74.51	67.21	67.21	67.21
4844	-3.52	16.88	64.64	71.22	74.97	67.46	67.46	67.46
4845	-2.92	16.37	64.86	71.33	75.02	67.64	67.64	67.64
4846	-2.28	15.80	65.00	71.26	74.83	67.68	67.68	67.68

4847	-2.28	15.04	65.04	71.08	74.53	67.63	67.63	67.63
4848	-2.28	14.27	65.03	70.78	74.06	67.49	67.49	67.49
4849	-2.13	13.56	64.94	70.40	73.52	67.28	67.28	67.28
4850	-2.49	12.57	64.80	70.00	72.97	67.03	67.03	67.03
4851	-2.49	11.58	64.64	69.47	72.23	66.71	66.71	66.71
4852	-2.49	11.07	64.41	68.87	71.42	66.32	66.32	66.32
4853	-2.91	10.83	64.11	68.39	70.83	65.94	65.94	65.94
4854	-2.95	11.18	63.83	68.03	70.43	65.63	65.63	65.63
4855	-2.95	11.14	63.62	67.62	69.91	65.34	65.34	65.34
4856	-2.95	12.24	63.33	67.63	70.09	65.17	65.17	65.17
4857	-2.75	13.71	63.21	67.99	70.71	65.26	65.26	65.26
4858	1.61	15.10	63.25	68.61	71.66	65.55	65.55	65.55
4859	1.61	16.43	63.46	69.34	72.70	65.98	65.98	65.98
4860	1.61	17.63	63.76	70.14	73.78	66.50	66.50	66.50
4861	0.83	18.22	64.13	70.94	74.83	67.05	67.05	67.05
4862	-1.97	18.32	64.56	71.56	75.56	67.56	67.56	67.56
4863	-1.97	17.65	64.94	71.95	75.96	67.95	67.95	67.95
4864	-1.97	15.78	65.26	71.99	75.83	68.14	68.14	68.14
4865	-3.12	15.00	65.45	71.46	74.89	68.03	68.03	68.03
4866	-4.11	14.81	65.31	71.03	74.30	67.76	67.76	67.76
4867	-4.11	14.82	65.15	70.80	74.04	67.57	67.57	67.57
4868	-4.11	14.96	65.04	70.71	73.95	67.47	67.47	67.47
4869	-4.88	14.89	64.97	70.70	73.98	67.43	67.43	67.43
4870	-5.46	14.48	64.97	70.67	73.93	67.41	67.41	67.41
4871	-5.46	13.96	64.97	70.51	73.68	67.34	67.34	67.34
4872	-5.46	13.42	64.92	70.27	73.33	67.21	67.21	67.21
4873	-6.63	12.99	64.82	69.97	72.91	67.03	67.03	67.03
4874	-8.39	12.57	64.69	69.68	72.53	66.83	66.83	66.83
4875	-8.39	12.14	64.54	69.38	72.15	66.62	66.62	66.62
4876	-8.39	11.81	64.39	69.08	71.75	66.40	66.40	66.40
4877	-10.15	11.57	64.23	68.79	71.40	66.18	66.18	66.18
4878	-10.64	11.88	64.06	68.54	71.10	65.98	65.98	65.98
4879	-10.64	11.89	63.92	68.26	70.74	65.78	65.78	65.78
4880	-10.64	13.19	63.71	68.32	70.95	65.68	65.68	65.68
4881	-10.10	14.80	63.63	68.76	71.69	65.82	65.82	65.82
4882	-9.50	15.95	63.72	69.47	72.76	66.19	66.19	66.19
4883	-9.50	16.94	64.00	70.18	73.70	66.65	66.65	66.65
4884	-9.50	17.59	64.32	70.86	74.59	67.12	67.12	67.12
4885	-8.57	18.10	64.67	71.43	75.29	67.57	67.57	67.57



4886	-7.24	18.79	65.00	71.92	75.88	67.97	67.97	67.97
4887	-7.24	18.74	65.29	72.45	76.54	68.36	68.36	68.36
4888	-7.24	17.00	65.62	72.74	76.81	68.67	68.67	68.67
4889	-6.03	16.27	65.93	72.37	76.05	68.69	68.69	68.69
4890	-5.31	16.14	65.87	72.04	75.56	68.51	68.51	68.51
4891	-5.31	15.64	65.77	71.89	75.39	68.39	68.39	68.39
4892	-5.31	14.88	65.73	71.67	75.07	68.28	68.28	68.28
4893	-5.01	14.20	65.67	71.33	74.57	68.10	68.10	68.10
4894	-4.71	13.61	65.54	70.95	74.04	67.86	67.86	67.86
4895	-4.71	13.45	65.37	70.57	73.54	67.60	67.60	67.60
4896	-4.71	13.25	65.18	70.32	73.26	67.38	67.38	67.38
4897	-4.49	12.82	65.03	70.11	73.01	67.21	67.21	67.21
4898	-4.39	12.33	64.91	69.83	72.64	67.02	67.02	67.02
4899	-4.39	11.85	64.77	69.51	72.22	66.80	66.80	66.80
4900	-4.39	11.59	64.60	69.16	71.77	66.56	66.56	66.56
4901	-4.35	11.45	64.41	68.88	71.44	66.32	66.32	66.32
4902	-4.29	11.28	64.23	68.66	71.19	66.13	66.13	66.13
4903	-4.29	12.12	64.08	68.45	70.95	65.96	65.96	65.96
4904	-4.29	12.91	63.92	68.43	71.01	65.86	65.86	65.86
4905	-4.12	13.65	63.82	68.71	71.51	65.92	65.92	65.92
4906	0.19	14.51	63.87	69.10	72.09	66.11	66.11	66.11
4907	0.19	15.20	64.00	69.56	72.74	66.39	66.39	66.39
4908	0.19	15.75	64.19	70.03	73.36	66.69	66.69	66.69
4909	0.73	15.92	64.41	70.46	73.91	67.00	67.00	67.00
4910	-0.14	16.06	64.65	70.75	74.23	67.26	67.26	67.26
4911	-0.14	16.44	64.83	70.99	74.51	67.47	67.47	67.47
4912	-0.14	16.33	64.98	71.27	74.87	67.68	67.68	67.68
4913	0.40	15.89	65.16	71.40	74.97	67.84	67.84	67.84
4914	0.88	15.41	65.30	71.36	74.83	67.90	67.90	67.90
4915	0.88	15.17	65.34	71.22	74.58	67.86	67.86	67.86
4916	0.88	15.32	65.32	71.11	74.42	67.80	67.80	67.80
4917	1.08	15.14	65.28	71.13	74.47	67.79	67.79	67.79
4918	1.25	14.71	65.30	71.08	74.38	67.78	67.78	67.78
4919	1.25	14.25	65.31	70.93	74.14	67.71	67.71	67.71
4920	1.25	13.72	65.26	70.71	73.82	67.60	67.60	67.60
4921	0.78	13.99	65.18	70.43	73.43	67.43	67.43	67.43
4922	-0.44	14.74	65.03	70.39	73.45	67.33	67.33	67.33
4923	-0.44	15.39	64.96	70.61	73.84	67.38	67.38	67.38
4924	-0.44	15.63	65.01	70.91	74.28	67.54	67.54	67.54

4925	-1.66	15.33	65.14	71.12	74.54	67.71	67.71	67.71
4926	-2.23	15.03	65.27	71.13	74.48	67.78	67.78	67.78
4927	-2.23	14.87	65.32	71.06	74.34	67.78	67.78	67.78
4928	-2.23	15.02	65.31	70.99	74.23	67.74	67.74	67.74
4929	-2.57	15.05	65.28	71.02	74.30	67.74	67.74	67.74
4930	-2.43	15.31	65.30	71.05	74.33	67.76	67.76	67.76
4931	-2.43	15.96	65.30	71.15	74.50	67.81	67.81	67.81
4932	-2.43	16.41	65.33	71.43	74.91	67.94	67.94	67.94
4933	-1.81	16.68	65.45	71.70	75.28	68.13	68.13	68.13
4934	-0.67	16.88	65.59	71.94	75.57	68.31	68.31	68.31
4935	-0.67	17.09	65.72	72.14	75.81	68.48	68.48	68.48
4936	-0.67	16.72	65.85	72.33	76.04	68.63	68.63	68.63
4937	0.60	15.82	65.99	72.33	75.95	68.71	68.71	68.71
4938	1.62	14.94	66.07	72.06	75.49	68.64	68.64	68.64
4939	1.62	14.11	66.01	71.68	74.92	68.44	68.44	68.44
4940	1.62	13.25	65.88	71.24	74.30	68.18	68.18	68.18
4941	2.54	12.02	65.70	70.75	73.63	67.86	67.86	67.86
4942	3.59	11.29	65.50	70.09	72.71	67.46	67.46	67.46
4943	3.59	11.21	65.18	69.50	71.97	67.03	67.03	67.03
4944	3.59	11.16	64.84	69.15	71.62	66.69	66.69	66.69
4945	4.49	11.11	64.61	68.91	71.36	66.45	66.45	66.45
4946	5.28	11.03	64.42	68.71	71.16	66.26	66.26	66.26
4947	5.28	10.95	64.27	68.53	70.97	66.10	66.10	66.10
4948	5.28	10.89	64.13	68.37	70.80	65.95	65.95	65.95
4949	6.02	10.86	64.01	68.23	70.65	65.82	65.82	65.82
4950	6.64	12.71	63.89	68.11	70.52	65.70	65.70	65.70
4951	6.64	11.57	63.86	67.53	69.64	65.43	65.43	65.43
4952	6.64	11.78	63.52	67.49	69.76	65.22	65.22	65.22
4953	7.20	12.20	63.38	67.78	70.30	65.27	65.27	65.27
4954	11.39	12.95	63.44	68.06	70.69	65.42	65.42	65.42
4955	11.39	14.17	63.50	68.46	71.29	65.63	65.63	65.63
4956	11.39	15.40	63.62	69.10	72.23	65.97	65.97	65.97
4957	9.50	16.73	63.88	69.84	73.25	66.43	66.43	66.43
4958	4.89	18.20	64.20	70.67	74.36	66.98	66.98	66.98
4959	4.89	18.89	64.59	71.59	75.59	67.59	67.59	67.59
4960	4.89	17.53	65.08	72.31	76.43	68.18	68.18	68.18
4961	1.99	16.11	65.58	72.26	76.07	68.44	68.44	68.44
4962	-0.02	15.14	65.75	71.86	75.36	68.37	68.37	68.37
4963	-0.02	14.56	65.69	71.45	74.74	68.16	68.16	68.16

4964	-0.02	14.39	65.56	71.10	74.27	67.94	67.94	67.94
4965	-1.13	14.02	65.42	70.91	74.04	67.77	67.77	67.77
4966	-2.12	13.46	65.33	70.69	73.75	67.63	67.63	67.63
4967	-2.12	13.06	65.24	70.39	73.33	67.45	67.45	67.45
4968	-2.12	12.66	65.10	70.10	72.96	67.25	67.25	67.25
4969	-2.91	12.50	64.96	69.82	72.59	67.04	67.04	67.04
4970	-3.54	12.81	64.81	69.61	72.35	66.86	66.86	66.86
4971	-3.54	13.11	64.66	69.59	72.41	66.77	66.77	66.77
4972	-3.54	13.17	64.60	69.65	72.53	66.76	66.76	66.76
4973	-4.15	13.17	64.60	69.67	72.57	66.77	66.77	66.77
4974	-4.30	13.82	64.59	69.66	72.56	66.76	66.76	66.76
4975	-4.30	13.79	64.59	69.59	72.45	66.73	66.73	66.73
4976	-4.30	14.59	64.51	69.78	72.79	66.77	66.77	66.77
4977	-4.24	15.92	64.55	70.16	73.37	66.95	66.95	66.95
4978	-4.05	16.97	64.67	70.79	74.29	67.29	67.29	67.29
4979	-4.05	17.83	64.93	71.44	75.16	67.72	67.72	67.72
4980	-4.05	18.46	65.24	72.06	75.95	68.16	68.16	68.16
4981	-3.39	18.98	65.58	72.60	76.62	68.59	68.59	68.59
4982	-2.23	19.73	65.89	73.09	77.20	68.97	68.97	68.97
4983	-2.23	19.70	66.17	73.63	77.89	69.37	69.37	69.37
4984	-2.23	17.73	66.51	73.93	78.17	69.69	69.69	69.69
4985	-0.96	15.80	66.84	73.50	77.30	69.69	69.69	69.69
4986	-0.07	13.51	66.81	72.75	76.14	69.36	69.36	69.36
4987	-0.07	12.37	66.61	71.70	74.60	68.79	68.79	68.79
4988	-0.07	12.79	66.16	70.84	73.52	68.17	68.17	68.17
4989	0.47	13.23	65.69	70.56	73.34	67.78	67.78	67.78
4990	0.99	13.17	65.45	70.51	73.39	67.62	67.62	67.62
4991	0.99	12.60	65.36	70.40	73.27	67.52	67.52	67.52
4992	0.99	12.04	65.28	70.11	72.87	67.35	67.35	67.35
4993	1.63	11.77	65.14	69.75	72.39	67.12	67.12	67.12
4994	2.51	11.87	64.95	69.47	72.05	66.88	66.88	66.88
4995	2.51	11.96	64.76	69.32	71.93	66.71	66.71	66.71
4996	2.51	11.93	64.63	69.24	71.87	66.61	66.61	66.61
4997	3.35	11.95	64.55	69.15	71.78	66.52	66.52	66.52
4998	3.76	13.20	64.47	69.08	71.72	66.45	66.45	66.45
4999	3.76	12.12	64.44	68.73	71.18	66.28	66.28	66.28
5000	3.76	12.05	64.23	68.71	71.28	66.15	66.15	66.15
5001	3.75	12.11	64.16	68.80	71.45	66.15	66.15	66.15
5002	7.34	12.44	64.16	68.84	71.51	66.16	66.16	66.16

5003	7.34	13.13	64.14	68.96	71.71	66.21	66.21	66.21
5004	7.34	13.77	64.15	69.23	72.14	66.33	66.33	66.33
5005	5.66	14.40	64.24	69.57	72.61	66.52	66.52	66.52
5006	2.14	14.90	64.38	69.94	73.11	66.76	66.76	66.76
5007	2.14	14.56	64.55	70.29	73.57	67.01	67.01	67.01
5008	2.14	13.48	64.76	70.36	73.56	67.16	67.16	67.16
5009	-0.25	13.29	64.88	70.06	73.02	67.10	67.10	67.10
5010	-1.96	13.42	64.79	69.89	72.81	66.98	66.98	66.98
5011	-1.96	12.83	64.71	69.87	72.82	66.92	66.92	66.92
5012	-1.96	11.56	64.72	69.66	72.48	66.84	66.84	66.84
5013	-3.12	10.24	64.67	69.12	71.67	66.58	66.58	66.58
5014	-4.15	8.88	64.47	68.43	70.68	66.17	66.17	66.17
5015	-4.15	7.78	64.17	67.61	69.58	65.65	65.65	65.65
5016	-4.15	6.76	63.78	66.81	68.54	65.08	65.08	65.08
5017	-5.05	6.04	63.37	66.01	67.52	64.50	64.50	64.50
5018	-5.93	5.47	62.92	65.30	66.65	63.94	63.94	63.94
5019	-5.93	4.92	62.50	64.66	65.89	63.42	63.42	63.42
5020	-5.93	4.57	62.10	64.05	65.16	62.94	62.94	62.94
5021	-6.90	4.26	61.71	63.53	64.57	62.49	62.49	62.49
5022	-7.09	6.14	61.35	63.05	64.02	62.08	62.08	62.08
5023	-7.09	4.94	61.10	62.06	62.61	61.51	61.51	61.51
5024	-7.09	5.16	60.48	61.83	62.61	61.06	61.06	61.06
5025	-6.67	5.84	60.16	62.11	63.23	61.00	61.00	61.00
5026	-6.29	6.08	60.12	62.42	63.74	61.11	61.11	61.11
5027	-6.29	6.26	60.17	62.60	63.99	61.21	61.21	61.21
5028	-6.29	6.54	60.20	62.72	64.16	61.28	61.28	61.28
5029	-5.79	7.01	60.21	62.84	64.35	61.34	61.34	61.34
5030	-5.19	7.73	60.21	63.04	64.65	61.42	61.42	61.42
5031	-5.19	7.80	60.25	63.36	65.14	61.59	61.59	61.59
5032	-5.19	7.12	60.39	63.53	65.32	61.73	61.73	61.73
5033	-4.46	7.01	60.50	63.36	64.99	61.72	61.72	61.72
5034	-3.84	7.11	60.43	63.25	64.86	61.64	61.64	61.64
5035	-3.84	6.93	60.37	63.23	64.86	61.59	61.59	61.59
5036	-3.84	6.65	60.35	63.13	64.73	61.54	61.54	61.54
5037	-3.52	6.22	60.30	62.97	64.50	61.45	61.45	61.45
5038	-3.13	5.63	60.22	62.73	64.16	61.30	61.30	61.30
5039	-3.13	5.05	60.11	62.38	63.68	61.08	61.08	61.08
5040	-3.13	4.48	59.94	61.98	63.15	60.82	60.82	60.82
5041	-2.70	4.16	59.74	61.55	62.59	60.51	60.51	60.51

5042	-2.26	3.96	59.49	61.18	62.15	60.22	60.22	60.22
5043	-2.26	3.72	59.27	60.88	61.80	59.96	59.96	59.96
5044	-2.26	3.63	59.06	60.58	61.44	59.71	59.71	59.71
5045	-1.54	3.66	58.86	60.34	61.19	59.49	59.49	59.49
5046	-0.85	5.98	58.68	60.17	61.03	59.32	59.32	59.32
5047	-0.85	4.91	58.60	59.50	60.01	58.98	58.98	58.98
5048	-0.85	5.22	58.17	59.57	60.37	58.77	58.77	58.77
5049	-0.45	6.05	58.04	60.08	61.24	58.91	58.91	58.91
5050	4.01	6.76	58.16	60.59	61.97	59.20	59.20	59.20
5051	4.01	7.34	58.34	61.09	62.66	59.52	59.52	59.52
5052	4.01	7.97	58.55	61.55	63.27	59.83	59.83	59.83
5053	2.62	8.88	58.76	62.01	63.86	60.15	60.15	60.15
5054	-1.81	9.74	58.96	62.57	64.64	60.51	60.51	60.51
5055	-1.81	9.90	59.23	63.18	65.44	60.92	60.92	60.92
5056	-1.81	8.82	59.56	63.56	65.85	61.28	61.28	61.28
5057	-4.32	8.20	59.86	63.42	65.45	61.38	61.38	61.38
5058	-5.45	8.03	59.89	63.20	65.08	61.31	61.31	61.31
5059	-5.45	7.84	59.84	63.08	64.93	61.23	61.23	61.23
5060	-5.45	7.66	59.81	62.97	64.78	61.16	61.16	61.16
5061	-5.81	7.42	59.77	62.86	64.63	61.10	61.10	61.10
5062	-5.98	6.92	59.73	62.73	64.44	61.02	61.02	61.02
5063	-5.98	6.42	59.69	62.48	64.08	60.88	60.88	60.88
5064	-5.98	6.00	59.58	62.18	63.66	60.70	60.70	60.70
5065	-6.13	5.62	59.44	61.87	63.26	60.48	60.48	60.48
5066	-6.37	5.56	59.29	61.57	62.87	60.26	60.26	60.26
5067	-6.37	5.49	59.11	61.37	62.66	60.08	60.08	60.08
5068	-6.37	5.69	58.97	61.21	62.48	59.93	59.93	59.93
5069	-6.64	6.36	58.85	61.17	62.49	59.84	59.84	59.84
5070	-6.56	7.02	58.75	61.35	62.83	59.87	59.87	59.87
5071	-6.56	8.70	58.77	61.64	63.27	60.00	60.00	60.00
5072	-6.56	8.47	58.91	61.55	63.06	60.05	60.05	60.05
5073	-6.37	8.04	58.88	61.52	63.02	60.01	60.01	60.01
5074	-6.19	8.07	58.85	61.52	63.04	60.00	60.00	60.00
5075	-6.19	8.64	58.83	61.64	63.26	60.03	60.03	60.03
5076	-6.19	9.24	58.84	62.00	63.80	60.19	60.19	60.19
5077	-5.82	9.72	58.96	62.44	64.43	60.45	60.45	60.45
5078	-5.18	10.15	59.14	62.92	65.08	60.76	60.76	60.76
5079	-5.18	10.95	59.36	63.47	65.82	61.12	61.12	61.12
5080	-5.18	11.13	59.63	64.05	66.57	61.52	61.52	61.52

5081	-4.57	10.39	59.95	64.42	66.98	61.87	61.87	61.87
5082	-4.23	9.57	60.23	64.40	66.78	62.02	62.02	62.02
5083	-4.23	8.73	60.33	64.17	66.36	61.98	61.98	61.98
5084	-4.23	8.00	60.32	63.82	65.81	61.82	61.82	61.82
5085	-4.66	7.34	60.21	63.42	65.26	61.59	61.59	61.59
5086	-5.23	6.79	60.06	63.01	64.70	61.33	61.33	61.33
5087	-5.23	6.43	59.88	62.61	64.18	61.05	61.05	61.05
5088	-5.23	6.21	59.68	62.27	63.75	60.79	60.79	60.79
5089	-5.45	6.36	59.48	62.00	63.43	60.56	60.56	60.56
5090	-5.14	6.61	59.30	61.88	63.36	60.41	60.41	60.41
5091	-5.14	6.77	59.19	61.87	63.41	60.34	60.34	60.34
5092	-5.14	6.98	59.13	61.88	63.45	60.31	60.31	60.31
5093	-4.68	7.09	59.10	61.93	63.55	60.31	60.31	60.31
5094	-4.00	7.15	59.09	61.98	63.62	60.33	60.33	60.33
5095	-4.00	7.83	59.10	61.99	63.64	60.34	60.34	60.34
5096	-4.00	8.89	59.06	62.22	64.02	60.41	60.41	60.41
5097	-3.04	9.78	59.11	62.70	64.76	60.65	60.65	60.65
5098	-2.02	10.48	59.29	63.25	65.52	60.99	60.99	60.99
5099	-2.02	11.02	59.54	63.78	66.20	61.36	61.36	61.36
5100	-2.02	11.26	59.81	64.25	66.79	61.71	61.71	61.71
5101	2.48	10.90	60.08	64.60	67.18	62.02	62.02	62.02
5102	2.66	10.08	60.32	64.69	67.19	62.20	62.20	62.20
5103	2.66	9.28	60.47	64.51	66.81	62.20	62.20	62.20
5104	2.66	9.09	60.48	64.19	66.31	62.07	62.07	62.07
5105	1.38	9.41	60.37	64.01	66.09	61.93	61.93	61.93
5106	0.02	9.68	60.28	64.05	66.20	61.89	61.89	61.89
5107	0.02	9.68	60.27	64.16	66.38	61.94	61.94	61.94
5108	0.02	9.32	60.33	64.21	66.42	61.99	61.99	61.99
5109	-1.57	8.86	60.38	64.11	66.24	61.98	61.98	61.98
5110	-3.07	8.81	60.36	63.92	65.94	61.89	61.89	61.89
5111	-3.07	9.04	60.28	63.82	65.84	61.80	61.80	61.80
5112	-3.07	9.24	60.22	63.84	65.92	61.77	61.77	61.77
5113	-5.24	9.27	60.21	63.92	66.04	61.80	61.80	61.80
5114	-7.46	9.06	60.24	63.96	66.09	61.83	61.83	61.83
5115	-7.46	8.86	60.27	63.90	65.98	61.83	61.83	61.83
5116	-7.46	8.81	60.26	63.80	65.83	61.78	61.78	61.78
5117	-7.99	8.75	60.21	63.74	65.76	61.73	61.73	61.73
5118	-8.11	10.95	60.18	63.68	65.68	61.68	61.68	61.68
5119	-8.11	10.13	60.21	63.17	64.86	61.48	61.48	61.48

5120	-8.11	10.25	59.92	63.28	65.20	61.36	61.36	61.36
5121	-7.73	10.79	59.88	63.73	65.92	61.53	61.53	61.53
5122	-7.16	11.51	60.03	64.16	66.51	61.80	61.80	61.80
5123	-7.16	12.53	60.21	64.67	67.22	62.12	62.12	62.12
5124	-7.16	13.36	60.42	65.34	68.15	62.53	62.53	62.53
5125	-6.57	14.07	60.74	66.03	69.05	63.01	63.01	63.01
5126	-5.98	14.66	61.09	66.67	69.86	63.48	63.48	63.48
5127	-5.98	14.56	61.45	67.25	70.57	63.94	63.94	63.94
5128	-5.98	12.93	61.82	67.56	70.85	64.28	64.28	64.28
5129	-4.93	11.57	62.14	67.23	70.13	64.32	64.32	64.32
5130	-4.29	10.67	62.14	66.69	69.30	64.09	64.09	64.09
5131	-4.29	9.93	61.99	66.19	68.59	63.79	63.79	63.79
5132	-4.29	9.35	61.80	65.72	67.96	63.48	63.48	63.48
5133	-4.41	8.72	61.59	65.29	67.41	63.18	63.18	63.18
5134	-4.57	8.25	61.39	64.85	66.82	62.87	62.87	62.87
5135	-4.57	8.19	61.16	64.45	66.32	62.57	62.57	62.57
5136	-4.57	8.10	60.93	64.20	66.06	62.33	62.33	62.33
5137	-4.32	8.11	60.76	64.00	65.85	62.15	62.15	62.15
5138	-3.89	8.30	60.62	63.86	65.72	62.01	62.01	62.01
5139	-3.89	8.46	60.50	63.83	65.72	61.93	61.93	61.93
5140	-3.89	8.47	60.43	63.83	65.76	61.89	61.89	61.89
5141	-3.44	8.47	60.40	63.80	65.74	61.86	61.86	61.86
5142	-3.07	9.15	60.37	63.77	65.71	61.82	61.82	61.82
5143	-3.07	9.17	60.34	63.64	65.52	61.76	61.76	61.76
5144	-3.07	9.88	60.23	63.83	65.88	61.78	61.78	61.78
5145	-2.97	11.00	60.26	64.21	66.47	61.95	61.95	61.95
5146	-2.91	12.34	60.37	64.78	67.30	62.27	62.27	62.27
5147	-2.91	13.27	60.59	65.53	68.35	62.71	62.71	62.71
5148	-2.91	14.06	60.93	66.22	69.25	63.20	63.20	63.20
5149	-3.10	14.73	61.29	66.87	70.06	63.68	63.68	63.68
5150	-3.33	14.90	61.64	67.47	70.79	64.14	64.14	64.14
5151	-3.33	14.40	62.01	67.88	71.23	64.52	64.52	64.52
5152	-3.33	12.88	62.32	67.98	71.21	64.75	64.75	64.75
5153	-3.56	12.24	62.53	67.58	70.46	64.70	64.70	64.70
5154	-4.33	12.10	62.46	67.26	70.00	64.51	64.51	64.51
5155	-4.33	12.01	62.35	67.10	69.81	64.38	64.38	64.38
5156	-4.33	11.62	62.29	67.01	69.70	64.31	64.31	64.31
5157	-5.40	11.18	62.27	66.83	69.44	64.22	64.22	64.22
5158	-6.45	11.33	62.21	66.61	69.12	64.09	64.09	64.09

5159	-6.45	11.83	62.09	66.56	69.11	64.01	64.01	64.01
5160	-6.45	12.00	62.03	66.70	69.37	64.03	64.03	64.03
5161	-7.41	11.62	62.08	66.82	69.52	64.11	64.11	64.11
5162	-8.12	10.71	62.16	66.74	69.35	64.12	64.12	64.12
5163	-8.12	9.88	62.18	66.40	68.81	63.98	63.98	63.98
5164	-8.12	9.39	62.06	65.96	68.19	63.73	63.73	63.73
5165	-8.61	9.02	61.87	65.58	67.70	63.46	63.46	63.46
5166	-8.79	9.30	61.68	65.25	67.29	63.21	63.21	63.21
5167	-8.79	8.84	61.52	64.80	66.68	62.93	62.93	62.93
5168	-8.79	9.36	61.25	64.68	66.65	62.72	62.72	62.72
5169	-8.76	10.13	61.10	64.83	66.95	62.70	62.70	62.70
5170	-8.66	11.08	61.08	65.12	67.43	62.81	62.81	62.81
5171	-8.66	12.15	61.15	65.56	68.08	63.04	63.04	63.04
5172	-8.66	13.16	61.30	66.13	68.89	63.37	63.37	63.37
5173	-8.32	13.95	61.54	66.76	69.74	63.77	63.77	63.77
5174	-7.90	14.39	61.84	67.35	70.50	64.20	64.20	64.20
5175	-7.90	14.17	62.16	67.82	71.06	64.58	64.58	64.58
5176	-7.90	13.04	62.46	68.02	71.20	64.84	64.84	64.84
5177	-7.51	12.69	62.69	67.79	70.71	64.87	64.87	64.87
5178	-6.95	12.60	62.67	67.63	70.47	64.80	64.80	64.80
5179	-6.95	12.49	62.63	67.57	70.39	64.75	64.75	64.75
5180	-6.95	12.22	62.63	67.52	70.32	64.72	64.72	64.72
5181	-6.42	11.83	62.63	67.42	70.15	64.68	64.68	64.68
5182	-5.91	11.76	62.61	67.25	69.90	64.60	64.60	64.60
5183	-5.91	12.03	62.54	67.15	69.79	64.52	64.52	64.52
5184	-5.91	12.32	62.48	67.20	69.90	64.51	64.51	64.51
5185	-5.31	12.33	62.49	67.32	70.09	64.56	64.56	64.56
5186	-4.82	12.11	62.54	67.38	70.15	64.61	64.61	64.61
5187	-4.82	11.88	62.59	67.34	70.05	64.62	64.62	64.62
5188	-4.82	11.65	62.59	67.25	69.91	64.59	64.59	64.59
5189	-4.33	11.38	62.57	67.14	69.75	64.53	64.53	64.53
5190	-4.28	12.48	62.53	67.00	69.55	64.44	64.44	64.44
5191	-4.28	11.66	62.51	66.52	68.81	64.23	64.23	64.23
5192	-4.28	12.39	62.25	66.59	69.07	64.11	64.11	64.11
5193	-4.69	13.15	62.19	67.02	69.78	64.26	64.26	64.26
5194	-0.77	13.75	62.33	67.49	70.43	64.54	64.54	64.54
5195	-0.77	14.31	62.53	67.92	71.01	64.84	64.84	64.84
5196	-0.77	14.70	62.74	68.34	71.55	65.14	65.14	65.14
5197	-2.26	15.15	62.97	68.71	71.99	65.43	65.43	65.43



5198	-6.51	15.72	63.17	69.07	72.45	65.70	65.70	65.70
5199	-6.51	15.49	63.38	69.49	72.98	66.00	66.00	66.00
5200	-6.51	13.82	63.65	69.65	73.08	66.22	66.22	66.22
5201	-8.90	12.76	63.87	69.22	72.27	66.16	66.16	66.16
5202	-10.34	12.14	63.78	68.72	71.54	65.89	65.89	65.89
5203	-10.34	11.81	63.59	68.31	71.00	65.61	65.61	65.61
5204	-10.34	11.41	63.41	68.00	70.63	65.38	65.38	65.38
5205	-11.05	10.73	63.26	67.71	70.25	65.17	65.17	65.17
5206	-11.46	10.11	63.13	67.31	69.71	64.92	64.92	64.92
5207	-11.46	9.57	62.94	66.89	69.15	64.63	64.63	64.63
5208	-11.46	9.01	62.72	66.48	68.62	64.33	64.33	64.33
5209	-11.81	8.55	62.50	66.05	68.07	64.02	64.02	64.02
5210	-12.34	8.31	62.27	65.64	67.56	63.71	63.71	63.71
5211	-12.34	8.00	62.03	65.31	67.19	63.43	63.43	63.43
5212	-12.34	7.80	61.82	64.99	66.80	63.18	63.18	63.18
5213	-12.66	7.69	61.61	64.71	66.48	62.94	62.94	62.94
5214	-12.25	8.23	61.42	64.48	66.23	62.73	62.73	62.73
5215	-12.25	8.05	61.27	64.21	65.90	62.53	62.53	62.53
5216	-12.25	8.46	61.06	64.23	66.04	62.41	62.41	62.41
5217	-11.85	9.12	60.98	64.35	66.28	62.42	62.42	62.42
5218	-11.47	10.42	60.96	64.60	66.68	62.52	62.52	62.52
5219	-11.47	12.41	60.99	65.15	67.52	62.77	62.77	62.77
5220	-11.47	14.44	61.13	66.08	68.90	63.25	63.25	63.25
5221	-10.88	15.38	61.49	67.22	70.49	63.95	63.95	63.95
5222	-10.41	15.29	62.04	68.10	71.57	64.64	64.64	64.64
5223	-10.41	14.45	62.55	68.55	71.98	65.12	65.12	65.12
5224	-10.41	12.41	62.92	68.56	71.79	65.34	65.34	65.34
5225	-10.01	11.63	63.13	67.97	70.73	65.20	65.20	65.20
5226	-9.74	11.40	62.97	67.51	70.10	64.91	64.91	64.91
5227	-9.74	11.32	62.78	67.24	69.79	64.70	64.70	64.70
5228	-9.74	11.51	62.66	67.10	69.63	64.56	64.56	64.56
5229	-9.88	11.47	62.56	67.08	69.66	64.50	64.50	64.50
5230	-10.03	10.64	62.54	67.05	69.62	64.47	64.47	64.47
5231	-10.03	9.20	62.56	66.73	69.12	64.35	64.35	64.35
5232	-10.03	7.80	62.47	66.09	68.15	64.02	64.02	64.02
5233	-8.48	6.85	62.22	65.29	67.05	63.54	63.54	63.54
5234	-5.33	6.28	61.85	64.56	66.11	63.01	63.01	63.01
5235	-5.33	5.75	61.46	63.95	65.38	62.53	62.53	62.53
5236	-5.33	5.28	61.10	63.40	64.71	62.09	62.09	62.09

5237	-1.82	4.87	60.77	62.89	64.10	61.68	61.68	61.68
5238	0.22	4.45	60.45	62.41	63.53	61.29	61.29	61.29
5239	0.22	5.83	60.15	61.95	62.97	60.92	60.92	60.92
5240	0.22	6.04	59.87	61.36	62.22	60.51	60.51	60.51
5241	0.63	6.00	59.47	61.22	62.21	60.22	60.22	60.22
5242	5.10	6.34	59.27	61.23	62.36	60.11	60.11	60.11
5243	5.10	6.89	59.16	61.38	62.65	60.11	60.11	60.11
5244	5.10	7.36	59.13	61.66	63.11	60.21	60.21	60.21
5245	4.38	7.60	59.18	61.98	63.59	60.38	60.38	60.38
5246	1.71	7.56	59.28	62.26	63.96	60.56	60.56	60.56
5247	1.71	7.73	59.39	62.46	64.21	60.71	60.71	60.71
5248	1.71	7.88	59.48	62.61	64.40	60.83	60.83	60.83
5249	0.65	7.89	59.56	62.75	64.57	60.92	60.92	60.92
5250	-0.11	7.89	59.63	62.82	64.64	61.00	61.00	61.00
5251	-0.11	7.65	59.67	62.86	64.68	61.04	61.04	61.04
5252	-0.11	7.16	59.71	62.80	64.57	61.04	61.04	61.04
5253	-0.62	6.53	59.71	62.61	64.26	60.95	60.95	60.95
5254	-1.05	5.97	59.65	62.29	63.80	60.78	60.78	60.78
5255	-1.05	5.69	59.52	61.93	63.31	60.55	60.55	60.55
5256	-1.05	5.43	59.34	61.64	62.96	60.32	60.32	60.32
5257	-1.59	5.08	59.17	61.38	62.64	60.12	60.12	60.12
5258	-2.24	4.77	59.02	61.09	62.27	59.91	59.91	59.91
5259	-2.24	4.45	58.85	60.80	61.91	59.68	59.68	59.68
5260	-2.24	4.30	58.68	60.50	61.54	59.46	59.46	59.46
5261	-3.25	4.37	58.49	60.25	61.26	59.25	59.25	59.25
5262	-3.74	4.48	58.32	60.10	61.12	59.08	59.08	59.08
5263	-3.74	5.15	58.19	59.98	61.01	58.96	58.96	58.96
5264	-3.74	6.21	58.05	60.12	61.30	58.94	58.94	58.94
5265	-3.78	7.28	58.01	60.55	62.00	59.10	59.10	59.10
5266	-3.67	8.39	58.12	61.11	62.82	59.40	59.40	59.40
5267	-3.67	9.36	58.33	61.76	63.72	59.80	59.80	59.80
5268	-3.67	10.35	58.61	62.43	64.61	60.25	60.25	60.25
5269	-3.21	11.22	58.92	63.13	65.53	60.73	60.73	60.73
5270	-2.38	11.55	59.27	63.81	66.41	61.22	61.22	61.22
5271	-2.38	11.84	59.66	64.31	66.97	61.65	61.65	61.65
5272	-2.38	12.15	59.97	64.73	67.45	62.01	62.01	62.01
5273	-1.47	12.35	60.24	65.11	67.89	62.33	62.33	62.33
5274	-0.75	12.39	60.49	65.43	68.25	62.61	62.61	62.61
5275	-0.75	11.21	60.73	65.67	68.49	62.84	62.84	62.84

5276	-0.75	9.29	60.97	65.43	67.98	62.88	62.88	62.88
5277	-0.20	7.53	61.02	64.72	66.83	62.61	62.61	62.61
5278	0.35	6.40	60.82	63.82	65.54	62.11	62.11	62.11
5279	0.35	5.97	60.45	63.01	64.48	61.55	61.55	61.55
5280	0.35	5.56	60.05	62.45	63.82	61.07	61.07	61.07
5281	0.91	5.58	59.73	61.97	63.25	60.69	60.69	60.69
5282	1.52	6.11	59.42	61.69	62.98	60.39	60.39	60.39
5283	1.52	6.32	59.19	61.67	63.08	60.25	60.25	60.25
5284	1.52	6.47	59.10	61.66	63.12	60.19	60.19	60.19
5285	2.08	6.67	59.04	61.62	63.09	60.14	60.14	60.14
5286	2.55	9.83	58.98	61.58	63.06	60.09	60.09	60.09
5287	2.55	8.38	59.02	60.81	61.83	59.79	59.79	59.79
5288	2.55	7.00	58.63	60.58	61.70	59.46	59.46	59.46
5289	2.95	6.62	58.40	60.80	62.17	59.43	59.43	59.43
5290	7.06	6.53	58.43	60.86	62.25	59.48	59.48	59.48
5291	7.06	6.68	58.43	60.89	62.29	59.48	59.48	59.48
5292	7.06	6.86	58.40	60.98	62.45	59.51	59.51	59.51
5293	5.58	7.04	58.41	61.11	62.65	59.57	59.57	59.57
5294	1.87	7.34	58.45	61.26	62.87	59.65	59.65	59.65
5295	1.87	7.42	58.50	61.47	63.16	59.77	59.77	59.77
5296	1.87	7.28	58.59	61.61	63.34	59.88	59.88	59.88
5297	-0.48	7.03	58.67	61.61	63.29	59.93	59.93	59.93
5298	-2.43	6.87	58.69	61.56	63.19	59.92	59.92	59.92
5299	-2.43	6.66	58.69	61.49	63.09	59.89	59.89	59.89
5300	-2.43	6.17	58.66	61.38	62.93	59.83	59.83	59.83
5301	-4.18	5.59	58.63	61.15	62.59	59.71	59.71	59.71
5302	-5.72	5.24	58.54	60.82	62.13	59.52	59.52	59.52
5303	-5.72	5.13	58.39	60.53	61.76	59.31	59.31	59.31
5304	-5.72	4.96	58.22	60.33	61.53	59.13	59.13	59.13
5305	-6.96	4.67	58.10	60.13	61.29	58.97	58.97	58.97
5306	-7.77	4.28	57.98	59.90	60.99	58.80	58.80	58.80
5307	-7.77	3.88	57.85	59.61	60.62	58.60	58.60	58.60
5308	-7.77	3.64	57.69	59.27	60.17	58.37	58.37	58.37
5309	-8.55	3.59	57.51	58.92	59.73	58.11	58.11	58.11
5310	-8.63	6.65	57.30	58.61	59.36	57.86	57.86	57.86
5311	-8.63	5.85	57.20	57.60	57.83	57.37	57.37	57.37
5312	-8.63	6.20	56.61	57.58	58.14	57.03	57.03	57.03
5313	-8.31	7.73	56.35	58.61	59.90	57.32	57.32	57.32
5314	-7.96	8.99	56.65	59.70	61.44	57.96	57.96	57.96

5315	-7.96	9.98	57.08	60.70	62.76	58.63	58.63	58.63
5316	-7.96	11.10	57.55	61.61	63.93	59.29	59.29	59.29
5317	-6.85	11.85	58.00	62.53	65.13	59.94	59.94	59.94
5318	-5.18	12.31	58.50	63.33	66.09	60.57	60.57	60.57
5319	-5.18	12.01	58.96	63.96	66.81	61.10	61.10	61.10
5320	-5.18	10.85	59.40	64.25	67.02	61.48	61.48	61.48
5321	-3.57	10.71	59.71	64.08	66.57	61.58	61.58	61.58
5322	-2.80	11.00	59.75	64.06	66.52	61.59	61.59	61.59
5323	-2.80	11.24	59.79	64.21	66.74	61.69	61.69	61.69
5324	-2.80	11.28	59.90	64.42	67.00	61.84	61.84	61.84
5325	-2.88	11.07	60.04	64.57	67.15	61.98	61.98	61.98
5326	-3.01	10.65	60.17	64.61	67.14	62.07	62.07	62.07
5327	-3.01	9.98	60.26	64.52	66.96	62.09	62.09	62.09
5328	-3.01	9.27	60.29	64.29	66.57	62.00	62.00	62.00
5329	-2.86	8.97	60.24	63.96	66.08	61.84	61.84	61.84
5330	-2.17	8.93	60.12	63.72	65.78	61.66	61.66	61.66
5331	-2.17	8.86	60.00	63.59	65.64	61.54	61.54	61.54
5332	-2.17	9.19	59.93	63.49	65.53	61.46	61.46	61.46
5333	-1.47	10.00	59.86	63.56	65.67	61.44	61.44	61.44
5334	-1.03	11.82	59.83	63.86	66.16	61.56	61.56	61.56
5335	-1.03	11.41	59.96	64.08	66.43	61.72	61.72	61.72
5336	-1.03	11.28	60.04	64.47	67.00	61.94	61.94	61.94
5337	-0.95	11.58	60.24	64.73	67.29	62.16	62.16	62.16
5338	2.96	12.16	60.38	65.01	67.65	62.36	62.36	62.36
5339	2.96	12.85	60.53	65.38	68.16	62.61	62.61	62.61
5340	2.96	13.31	60.72	65.84	68.77	62.91	62.91	62.91
5341	1.33	13.66	60.96	66.25	69.28	63.23	63.23	63.23
5342	-2.05	13.98	61.20	66.62	69.72	63.52	63.52	63.52
5343	-2.05	13.63	61.43	66.96	70.13	63.80	63.80	63.80
5344	-2.05	12.19	61.68	67.06	70.14	63.98	63.98	63.98
5345	-3.77	11.59	61.86	66.67	69.42	63.92	63.92	63.92
5346	-4.48	11.45	61.77	66.35	68.96	63.73	63.73	63.73
5347	-4.48	11.28	61.65	66.18	68.76	63.59	63.59	63.59
5348	-4.48	11.17	61.59	66.05	68.60	63.50	63.50	63.50
5349	-4.45	10.95	61.53	65.95	68.48	63.43	63.43	63.43
5350	-4.40	10.72	61.49	65.83	68.31	63.35	63.35	63.35
5351	-4.40	10.73	61.44	65.69	68.12	63.27	63.27	63.27
5352	-4.40	10.65	61.37	65.63	68.07	63.20	63.20	63.20
5353	-4.49	10.13	61.34	65.57	67.98	63.15	63.15	63.15

5354	-5.32	9.31	61.33	65.35	67.65	63.05	63.05	63.05
5355	-5.32	8.51	61.26	64.96	67.07	62.85	62.85	62.85
5356	-5.32	8.24	61.10	64.49	66.42	62.55	62.55	62.55
5357	-6.23	8.32	60.87	64.15	66.03	62.27	62.27	62.27
5358	-6.14	9.10	60.66	63.99	65.89	62.09	62.09	62.09
5359	-6.14	9.08	60.55	63.73	65.55	61.91	61.91	61.91
5360	-6.14	10.12	60.35	63.89	65.91	61.86	61.86	61.86
5361	-5.25	11.45	60.31	64.36	66.67	62.05	62.05	62.05
5362	-4.28	12.44	60.44	65.03	67.65	62.41	62.41	62.41
5363	-4.28	12.94	60.72	65.68	68.52	62.85	62.85	62.85
5364	-4.28	13.25	61.04	66.19	69.13	63.25	63.25	63.25
5365	-3.61	13.60	61.32	66.58	69.58	63.58	63.58	63.58
5366	-3.16	13.96	61.56	66.94	70.01	63.86	63.86	63.86
5367	-3.16	13.66	61.78	67.29	70.44	64.14	64.14	64.14
5368	-3.16	12.42	62.03	67.40	70.48	64.33	64.33	64.33
5369	-2.60	12.00	62.21	67.09	69.88	64.30	64.30	64.30
5370	-2.36	11.90	62.14	66.86	69.56	64.16	64.16	64.16
5371	-2.36	11.67	62.07	66.75	69.43	64.07	64.07	64.07
5372	-2.36	11.39	62.03	66.63	69.26	64.00	64.00	64.00
5373	-2.24	11.03	62.00	66.48	69.05	63.92	63.92	63.92
5374	-2.08	10.89	61.94	66.29	68.78	63.81	63.81	63.81
5375	-2.08	10.88	61.86	66.16	68.62	63.70	63.70	63.70
5376	-2.08	10.82	61.79	66.09	68.54	63.63	63.63	63.63
5377	-1.79	10.76	61.74	66.02	68.46	63.57	63.57	63.57
5378	-1.29	10.57	61.70	65.96	68.39	63.53	63.53	63.53
5379	-1.29	10.37	61.67	65.86	68.25	63.47	63.47	63.47
5380	-1.29	10.27	61.63	65.73	68.08	63.39	63.39	63.39
5381	-0.73	10.29	61.56	65.63	67.96	63.31	63.31	63.31
5382	0.03	11.13	61.50	65.58	67.91	63.25	63.25	63.25
5383	0.03	10.73	61.49	65.37	67.58	63.15	63.15	63.15
5384	0.03	11.44	61.35	65.48	67.85	63.12	63.12	63.12
5385	0.83	12.29	61.33	65.86	68.45	63.27	63.27	63.27
5386	5.63	13.17	61.46	66.33	69.12	63.55	63.55	63.55
5387	5.63	14.10	61.65	66.86	69.84	63.88	63.88	63.88
5388	5.63	14.93	61.89	67.45	70.63	64.27	64.27	64.27
5389	5.14	15.35	62.18	68.05	71.41	64.70	64.70	64.70
5390	2.80	15.52	62.51	68.53	71.97	65.09	65.09	65.09
5391	2.80	14.92	62.81	68.87	72.33	65.41	65.41	65.41
5392	2.80	13.24	63.08	68.89	72.21	65.57	65.57	65.57

5393	1.97	12.66	63.25	68.40	71.35	65.46	65.46	65.46
5394	1.28	12.57	63.11	68.05	70.86	65.23	65.23	65.23
5395	1.28	12.47	62.97	67.88	70.68	65.07	65.07	65.07
5396	1.28	12.26	62.89	67.76	70.55	64.98	64.98	64.98
5397	0.61	11.97	62.84	67.64	70.38	64.90	64.90	64.90
5398	-0.05	11.59	62.79	67.48	70.16	64.80	64.80	64.80
5399	-0.05	11.29	62.73	67.27	69.86	64.68	64.68	64.68
5400	-0.05	10.99	62.64	67.06	69.59	64.53	64.53	64.53
5401	-0.77	10.65	62.54	66.85	69.31	64.39	64.39	64.39
5402	-1.56	10.26	62.43	66.62	69.01	64.23	64.23	64.23
5403	-1.56	9.88	62.32	66.36	68.66	64.05	64.05	64.05
5404	-1.56	9.62	62.18	66.08	68.30	63.85	63.85	63.85
5405	-2.33	9.39	62.03	65.83	68.00	63.66	63.66	63.66
5406	-2.63	9.16	61.89	65.60	67.73	63.48	63.48	63.48
5407	-2.63	10.79	61.76	65.38	67.45	63.31	63.31	63.31
5408	-2.63	11.76	61.63	65.14	67.15	63.13	63.13	63.13
5409	-2.71	12.65	61.41	65.51	67.85	63.16	63.16	63.16
5410	-2.50	13.24	61.47	66.11	68.77	63.46	63.46	63.46
5411	-2.50	13.31	61.69	66.69	69.54	63.83	63.83	63.83
5412	-2.50	13.23	61.97	67.07	69.98	64.15	64.15	64.15
5413	-1.85	12.97	62.19	67.28	70.19	64.37	64.37	64.37
5414	-0.83	12.75	62.35	67.38	70.25	64.51	64.51	64.51
5415	-0.83	12.77	62.44	67.45	70.31	64.59	64.59	64.59
5416	-0.83	12.62	62.51	67.52	70.39	64.66	64.66	64.66
5417	0.21	12.56	62.58	67.53	70.36	64.71	64.71	64.71
5418	1.08	12.49	62.62	67.54	70.35	64.73	64.73	64.73
5419	1.08	12.12	62.65	67.54	70.34	64.75	64.75	64.75
5420	1.08	11.73	62.68	67.43	70.15	64.72	64.72	64.72
5421	1.69	11.12	62.66	67.26	69.89	64.63	64.63	64.63
5422	2.35	10.50	62.62	66.98	69.47	64.49	64.49	64.49
5423	2.35	10.13	62.51	66.63	68.99	64.28	64.28	64.28
5424	2.35	9.73	62.35	66.34	68.62	64.06	64.06	64.06
5425	2.98	9.55	62.21	66.04	68.23	63.85	63.85	63.85
5426	3.46	9.56	62.04	65.81	67.97	63.66	63.66	63.66
5427	3.46	9.56	61.89	65.67	67.83	63.51	63.51	63.51
5428	3.46	9.60	61.79	65.57	67.73	63.41	63.41	63.41
5429	3.88	9.46	61.71	65.51	67.68	63.34	63.34	63.34
5430	4.37	9.29	61.65	65.40	67.54	63.26	63.26	63.26
5431	4.37	9.92	61.58	65.27	67.38	63.16	63.16	63.16

5432	4.37	11.17	61.47	65.41	67.66	63.16	63.16	63.16
5433	4.92	12.33	61.45	65.88	68.41	63.35	63.35	63.35
5434	5.43	13.03	61.60	66.48	69.28	63.69	63.69	63.69
5435	5.43	13.01	61.86	67.01	69.95	64.07	64.07	64.07
5436	5.43	12.77	62.15	67.27	70.20	64.35	64.35	64.35
5437	8.47	12.81	62.34	67.36	70.23	64.49	64.49	64.49
5438	6.47	12.85	62.43	67.46	70.34	64.59	64.59	64.59
5439	6.47	12.83	62.52	67.56	70.44	64.68	64.68	64.68
5440	6.47	12.43	62.60	67.63	70.51	64.76	64.76	64.76
5441	3.01	11.62	62.69	67.56	70.34	64.77	64.77	64.77
5442	0.51	10.86	62.72	67.27	69.87	64.67	64.67	64.67
5443	0.51	9.95	62.64	66.89	69.33	64.46	64.46	64.46
5444	0.51	8.96	62.50	66.41	68.64	64.18	64.18	64.18
5445	-1.00	7.88	62.30	65.83	67.84	63.82	63.82	63.82
5446	-2.33	7.57	62.05	65.16	66.93	63.38	63.38	63.38
5447	-2.33	7.82	61.69	64.69	66.41	62.98	62.98	62.98
5448	-2.33	8.05	61.39	64.50	66.28	62.72	62.72	62.72
5449	-3.86	7.96	61.21	64.42	66.25	62.59	62.59	62.59
5450	-5.30	7.47	61.11	64.28	66.10	62.47	62.47	62.47
5451	-5.30	7.02	61.02	64.00	65.71	62.30	62.30	62.30
5452	-5.30	6.76	60.87	63.67	65.28	62.07	62.07	62.07
5453	-5.60	6.77	60.68	63.39	64.93	61.84	61.84	61.84
5454	-5.63	8.50	60.49	63.20	64.76	61.65	61.65	61.65
5455	-5.63	7.91	60.39	62.67	63.98	61.37	61.37	61.37
5456	-5.63	8.62	60.05	62.73	64.26	61.20	61.20	61.20
5457	-5.44	9.63	59.93	63.21	65.08	61.34	61.34	61.34
5458	-5.25	10.74	60.05	63.79	65.93	61.65	61.65	61.65
5459	-5.25	11.81	60.25	64.48	66.90	62.06	62.06	62.06
5460	-5.25	13.03	60.53	65.23	67.92	62.55	62.55	62.55
5461	-4.68	13.81	60.87	66.06	69.03	63.09	63.09	63.09
5462	-3.78	13.62	61.28	66.77	69.91	63.64	63.64	63.64
5463	-3.78	12.63	61.71	67.10	70.18	64.02	64.02	64.02
5464	-3.78	10.53	62.02	67.00	69.84	64.15	64.15	64.15
5465	-2.82	9.71	62.15	66.30	68.67	63.93	63.93	63.93
5466	-1.69	9.31	61.93	65.76	67.95	63.57	63.57	63.57
5467	-1.69	8.88	61.70	65.38	67.49	63.28	63.28	63.28
5468	-1.69	8.61	61.52	65.04	67.06	63.03	63.03	63.03
5469	-0.47	8.28	61.34	64.76	66.72	62.81	62.81	62.81
5470	0.90	8.35	61.19	64.48	66.36	62.60	62.60	62.60

5471	0.90	8.94	61.01	64.34	66.24	62.44	62.44	62.44
5472	0.90	9.49	60.88	64.45	66.49	62.41	62.41	62.41
5473	1.75	9.71	60.86	64.65	66.82	62.48	62.48	62.48
5474	2.03	9.56	60.92	64.80	67.01	62.58	62.58	62.58
5475	2.03	9.35	60.99	64.80	66.98	62.63	62.63	62.63
5476	2.03	9.27	61.01	64.74	66.87	62.61	62.61	62.61
5477	2.23	9.32	60.98	64.68	66.79	62.57	62.57	62.57
5478	2.25	10.09	60.95	64.67	66.80	62.54	62.54	62.54
5479	2.25	10.19	60.95	64.59	66.67	62.51	62.51	62.51
5480	2.25	11.09	60.86	64.86	67.14	62.57	62.57	62.57
5481	2.13	12.49	60.93	65.34	67.86	62.82	62.82	62.82
5482	1.96	13.63	61.09	66.06	68.90	63.22	63.22	63.22
5483	1.96	14.47	61.40	66.81	69.90	63.72	63.72	63.72
5484	1.96	15.17	61.77	67.49	70.76	64.22	64.22	64.22
5485	1.18	15.58	62.14	68.11	71.52	64.70	64.70	64.70
5486	-0.41	15.65	62.50	68.61	72.10	65.12	65.12	65.12
5487	-0.41	15.02	62.84	68.95	72.44	65.46	65.46	65.46
5488	-0.41	13.43	63.12	68.98	72.32	65.63	65.63	65.63
5489	-1.95	12.89	63.30	68.52	71.51	65.54	65.54	65.54
5490	-2.73	12.86	63.19	68.21	71.07	65.34	65.34	65.34
5491	-2.73	12.79	63.07	68.09	70.95	65.22	65.22	65.22
5492	-2.73	12.57	63.02	68.01	70.87	65.16	65.16	65.16
5493	-2.88	12.23	63.00	67.91	70.71	65.11	65.11	65.11
5494	-3.30	11.94	62.98	67.75	70.48	65.02	65.02	65.02
5495	-3.30	11.73	62.92	67.59	70.26	64.92	64.92	64.92
5496	-3.30	11.46	62.85	67.44	70.06	64.81	64.81	64.81
5497	-4.74	11.24	62.78	67.27	69.84	64.70	64.70	64.70
5498	-6.28	11.06	62.70	67.11	69.62	64.59	64.59	64.59
5499	-6.28	10.86	62.62	66.96	69.43	64.48	64.48	64.48
5500	-6.28	10.64	62.54	66.80	69.24	64.37	64.37	64.37
5501	-7.72	10.42	62.46	66.64	69.03	64.25	64.25	64.25
5502	-8.39	10.82	62.37	66.47	68.81	64.13	64.13	64.13
5503	-8.39	10.82	62.29	66.23	68.48	63.98	63.98	63.98
5504	-8.39	12.17	62.12	66.36	68.78	63.94	63.94	63.94
5505	-8.32	13.82	62.08	66.88	69.63	64.14	64.14	64.14
5506	-8.25	14.76	62.23	67.67	70.78	64.57	64.57	64.57
5507	-8.25	15.28	62.57	68.37	71.68	65.06	65.06	65.06
5508	-8.25	15.63	62.93	68.90	72.31	65.49	65.49	65.49
5509	-7.81	15.97	63.24	69.33	72.81	65.85	65.85	65.85



5510	-6.62	16.40	63.51	69.70	73.25	66.16	66.16	66.16
5511	-6.62	16.20	63.74	70.09	73.72	66.47	66.47	66.47
5512	-6.62	14.43	64.01	70.27	73.84	66.69	66.69	66.69
5513	-5.40	13.45	64.25	69.82	72.99	66.64	66.64	66.64
5514	-4.29	13.00	64.16	69.35	72.31	66.38	66.38	66.38
5515	-4.29	12.56	63.99	69.01	71.88	66.14	66.14	66.14
5516	-4.29	12.18	63.85	68.72	71.50	65.94	65.94	65.94
5517	-3.23	11.73	63.72	68.44	71.14	65.74	65.74	65.74
5518	-1.99	11.46	63.59	68.14	70.75	65.54	65.54	65.54
5519	-1.99	11.57	63.44	67.90	70.45	65.35	65.35	65.35
5520	-1.99	11.64	63.28	67.80	70.37	65.22	65.22	65.22
5521	-1.20	11.55	63.20	67.74	70.34	65.15	65.15	65.15
5522	-0.94	11.31	63.15	67.66	70.24	65.08	65.08	65.08
5523	-0.94	10.98	63.10	67.52	70.05	65.00	65.00	65.00
5524	-0.94	10.72	63.04	67.33	69.78	64.88	64.88	64.88
5525	-0.70	10.48	62.94	67.13	69.53	64.74	64.74	64.74
5526	-0.69	10.79	62.83	66.94	69.29	64.59	64.59	64.59
5527	-0.69	11.01	62.73	66.70	68.97	64.43	64.43	64.43
5528	-0.69	12.43	62.55	66.86	69.33	64.40	64.40	64.40
5529	-0.87	14.18	62.52	67.41	70.20	64.61	64.61	64.61
5530	3.06	15.38	62.67	68.24	71.42	65.06	65.06	65.06
5531	3.06	16.20	63.02	69.03	72.46	65.60	65.60	65.60
5532	3.06	16.62	63.41	69.71	73.31	66.11	66.11	66.11
5533	1.75	16.73	63.79	70.23	73.90	66.55	66.55	66.55
5534	-1.98	16.59	64.12	70.57	74.26	66.89	66.89	66.89
5535	-1.98	15.80	64.38	70.77	74.42	67.12	67.12	67.12
5536	-1.98	13.82	64.60	70.66	74.13	67.20	67.20	67.20
5537	-4.10	13.29	64.71	70.01	73.04	66.98	66.98	66.98
5538	-6.02	13.37	64.49	69.59	72.51	66.68	66.68	66.68
5539	-6.02	13.16	64.29	69.44	72.39	66.50	66.50	66.50
5540	-6.02	12.64	64.21	69.29	72.19	66.39	66.39	66.39
5541	-7.85	11.95	64.15	69.03	71.82	66.24	66.24	66.24
5542	-9.53	11.33	64.04	68.67	71.31	66.03	66.03	66.03
5543	-9.53	11.01	63.88	68.28	70.79	65.77	65.77	65.77
5544	-9.53	10.69	63.68	67.96	70.41	65.52	65.52	65.52
5545	-10.84	10.35	63.51	67.67	70.05	65.29	65.29	65.29
5546	-11.44	10.14	63.34	67.38	69.69	65.07	65.07	65.07
5547	-11.44	9.88	63.17	67.13	69.40	64.87	64.87	64.87
5548	-11.44	9.87	63.02	66.89	69.10	64.68	64.68	64.68

5549	-11.88	10.18	62.86	66.73	68.94	64.52	64.52	64.52
5550	-11.96	11.00	62.72	66.72	69.00	64.43	64.43	64.43
5551	-11.96	11.25	62.66	66.75	69.09	64.41	64.41	64.41
5552	-11.96	12.33	62.60	67.02	69.55	64.50	64.50	64.50
5553	-11.64	13.71	62.66	67.50	70.26	64.73	64.73	64.73
5554	-11.36	14.87	62.81	68.18	71.25	65.11	65.11	65.11
5555	-11.36	15.75	63.09	68.90	72.22	65.58	65.58	65.58
5556	-11.36	16.24	63.44	69.57	73.07	66.07	66.07	66.07
5557	-11.23	16.72	63.80	70.09	73.69	66.50	66.50	66.50
5558	-11.24	17.07	64.11	70.57	74.26	66.88	66.88	66.88
5559	-11.24	16.74	64.41	70.97	74.73	67.22	67.22	67.22
5560	-11.24	14.62	64.70	71.12	74.79	67.45	67.45	67.45
5561	-11.27	13.49	64.95	70.55	73.75	67.35	67.35	67.35
5562	-11.32	12.98	64.81	69.98	72.94	67.03	67.03	67.03
5563	-11.32	12.42	64.60	69.58	72.44	66.73	66.73	66.73
5564	-11.32	11.70	64.42	69.21	71.94	66.47	66.47	66.47
5565	-11.46	11.00	64.25	68.77	71.35	66.19	66.19	66.19
5566	-11.59	10.56	64.05	68.31	70.74	65.88	65.88	65.88
5567	-11.59	10.40	63.81	67.91	70.25	65.57	65.57	65.57
5568	-11.59	10.24	63.58	67.63	69.94	65.32	65.32	65.32
5569	-11.77	10.05	63.40	67.39	69.68	65.11	65.11	65.11
5570	-11.72	10.04	63.24	67.17	69.41	64.93	64.93	64.93
5571	-11.72	10.01	63.09	67.02	69.26	64.77	64.77	64.77
5572	-11.72	9.78	62.97	66.89	69.13	64.65	64.65	64.65
5573	-11.62	9.59	62.88	66.71	68.90	64.52	64.52	64.52
5574	-11.83	9.39	62.76	66.53	68.68	64.38	64.38	64.38
5575	-11.83	10.17	62.65	66.34	68.45	64.23	64.23	64.23
5576	-11.83	11.36	62.51	66.35	68.54	64.15	64.15	64.15
5577	-12.12	12.45	62.40	66.79	69.30	64.28	64.28	64.28
5578	-7.98	12.95	62.52	67.37	70.13	64.60	64.60	64.60
5579	-7.98	13.11	62.76	67.81	70.69	64.92	64.92	64.92
5580	-7.98	13.26	62.99	68.10	71.01	65.18	65.18	65.18
5581	-6.82	12.86	63.16	68.32	71.27	65.37	65.37	65.37
5582	-6.29	12.65	63.33	68.32	71.18	65.47	65.47	65.47
5583	-6.29	12.64	63.38	68.30	71.12	65.49	65.49	65.49
5584	-6.29	12.47	63.40	68.32	71.13	65.51	65.51	65.51
5585	-3.82	11.93	63.43	68.28	71.06	65.51	65.51	65.51
5586	-2.53	11.34	63.45	68.10	70.75	65.44	65.44	65.44
5587	-2.53	11.13	63.40	67.82	70.34	65.30	65.30	65.30

5588	-2.53	10.80	63.28	67.62	70.10	65.14	65.14	65.14
5589	-2.78	9.57	63.19	67.41	69.82	65.00	65.00	65.00
5590	-3.41	8.60	63.12	66.87	69.01	64.73	64.73	64.73
5591	-3.41	8.41	62.90	66.27	68.19	64.34	64.34	64.34
5592	-3.41	8.26	62.58	65.88	67.77	64.00	64.00	64.00
5593	-4.07	8.37	62.34	65.60	67.46	63.74	63.74	63.74
5594	-4.73	8.87	62.14	65.44	67.33	63.55	63.55	63.55
5595	-4.73	9.31	61.98	65.49	67.49	63.48	63.48	63.48
5596	-4.73	9.52	61.92	65.61	67.72	63.50	63.50	63.50
5597	-5.38	9.58	61.93	65.70	67.85	63.54	63.54	63.54
5598	-5.53	9.62	61.94	65.73	67.90	63.57	63.57	63.57
5599	-5.53	9.90	61.95	65.75	67.93	63.58	63.58	63.58
5600	-5.53	10.46	61.93	65.85	68.08	63.61	63.61	63.61
5601	-5.32	11.02	61.94	66.08	68.44	63.71	63.71	63.71
5602	-5.02	11.03	62.01	66.37	68.86	63.88	63.88	63.88
5603	-5.02	10.65	62.15	66.51	68.99	64.02	64.02	64.02
5604	-5.02	10.27	62.26	66.45	68.85	64.06	64.06	64.06
5605	-4.34	10.25	62.27	66.32	68.63	64.00	64.00	64.00
5606	-3.21	10.60	62.22	66.26	68.56	63.95	63.95	63.95
5607	-3.21	10.94	62.17	66.35	68.74	63.96	63.96	63.96
5608	-3.21	10.95	62.19	66.51	68.97	64.04	64.04	64.04
5609	-2.03	10.39	62.26	66.58	69.04	64.11	64.11	64.11
5610	-0.88	9.83	62.33	66.42	68.76	64.08	64.08	64.08
5611	-0.88	9.36	62.29	66.17	68.38	63.96	63.96	63.96
5612	-0.88	8.87	62.20	65.89	68.00	63.78	63.78	63.78
5613	0.22	8.45	62.07	65.58	67.58	63.58	63.58	63.58
5614	1.24	8.29	61.92	65.27	67.18	63.36	63.36	63.36
5615	1.24	8.34	61.75	65.04	66.91	63.16	63.16	63.16
5616	1.24	8.39	61.60	64.90	66.79	63.01	63.01	63.01
5617	2.15	8.37	61.49	64.79	66.68	62.91	62.91	62.91
5618	3.08	8.34	61.41	64.66	66.51	62.80	62.80	62.80
5619	3.08	8.29	61.32	64.52	66.35	62.69	62.69	62.69
5620	3.08	8.13	61.23	64.37	66.17	62.58	62.58	62.58
5621	4.12	8.04	61.14	64.19	65.93	62.45	62.45	62.45
5622	4.76	11.45	61.03	64.01	65.72	62.31	62.31	62.31
5623	4.76	10.09	61.03	62.94	64.03	61.85	61.85	61.85
5624	4.76	8.99	60.47	62.70	63.98	61.43	61.43	61.43
5625	5.00	9.15	60.16	63.34	65.16	61.52	61.52	61.52
5626	8.89	9.21	60.34	63.75	65.69	61.80	61.80	61.80

5627	8.89	9.31	60.50	63.99	65.99	61.99	61.99	61.99
5628	8.89	9.45	60.60	64.20	66.25	62.15	62.15	62.15
5629	7.25	9.73	60.70	64.41	66.52	62.29	62.29	62.29
5630	3.71	10.36	60.79	64.65	66.86	62.45	62.45	62.45
5631	3.71	10.27	60.89	65.02	67.38	62.66	62.66	62.66
5632	3.71	9.93	61.09	65.19	67.52	62.85	62.85	62.85
5633	1.67	10.44	61.22	65.16	67.42	62.91	62.91	62.91
5634	-0.04	10.35	61.22	65.37	67.74	63.00	63.00	63.00
5635	-0.04	9.68	61.34	65.45	67.80	63.10	63.10	63.10
5636	-0.04	8.75	61.43	65.27	67.47	63.08	63.08	63.08
5637	-1.30	7.86	61.41	64.89	66.88	62.90	62.90	62.90
5638	-2.43	7.43	61.28	64.41	66.20	62.62	62.62	62.62
5639	-2.43	7.36	61.07	64.03	65.72	62.34	62.34	62.34
5640	-2.43	7.31	60.85	63.80	65.48	62.12	62.12	62.12
5641	-3.01	7.38	60.70	63.63	65.30	61.96	61.96	61.96
5642	-3.07	7.56	60.57	63.53	65.23	61.84	61.84	61.84
5643	-3.07	7.76	60.48	63.52	65.25	61.78	61.78	61.78
5644	-3.07	7.73	60.43	63.54	65.32	61.76	61.76	61.76
5645	-3.10	7.54	60.41	63.52	65.29	61.74	61.74	61.74
5646	-3.05	9.66	60.39	63.42	65.15	61.69	61.69	61.69
5647	-3.05	8.52	60.41	62.75	64.09	61.41	61.41	61.41
5648	-3.05	8.95	60.03	62.84	64.44	61.23	61.23	61.23
5649	-3.04	9.92	59.94	63.39	65.36	61.42	61.42	61.42
5650	-2.85	10.72	60.10	63.99	66.22	61.77	61.77	61.77
5651	-2.85	11.50	60.34	64.59	67.02	62.17	62.17	62.17
5652	-2.85	12.23	60.62	65.21	67.83	62.58	62.58	62.58
5653	-2.55	12.97	60.92	65.80	68.58	63.01	63.01	63.01
5654	-2.20	13.73	61.23	66.38	69.33	63.44	63.44	63.44
5655	-2.20	13.82	61.54	66.98	70.09	63.87	63.87	63.87
5656	-2.20	12.68	61.90	67.36	70.47	64.24	64.24	64.24
5657	-1.84	11.99	62.23	67.22	70.07	64.36	64.36	64.36
5658	-1.26	11.66	62.28	66.99	69.69	64.30	64.30	64.30
5659	-1.26	10.93	62.25	66.84	69.46	64.22	64.22	64.22
5660	-1.26	9.84	62.24	66.54	69.00	64.09	64.09	64.09
5661	-0.53	8.47	62.17	66.05	68.26	63.83	63.83	63.83
5662	0.26	7.82	62.01	65.35	67.26	63.44	63.44	63.44
5663	0.26	8.05	61.69	64.79	66.56	63.02	63.02	63.02
5664	0.26	8.12	61.37	64.57	66.40	62.74	62.74	62.74
5665	0.73	7.95	61.20	64.43	66.28	62.58	62.58	62.58

5666	0.88	7.76	61.08	64.26	66.07	62.44	62.44	62.44
5667	0.88	7.56	60.97	64.07	65.84	62.30	62.30	62.30
5668	0.88	7.33	60.85	63.87	65.60	62.14	62.14	62.14
5669	1.00	7.20	60.73	63.66	65.34	61.99	61.99	61.99
5670	1.43	9.17	60.60	63.48	65.13	61.83	61.83	61.83
5671	1.43	7.81	60.54	62.80	64.10	61.51	61.51	61.51
5672	1.43	7.43	60.17	62.65	64.07	61.23	61.23	61.23
5673	2.19	7.46	59.99	62.80	64.40	61.19	61.19	61.19
5674	6.58	7.68	59.98	62.90	64.57	61.23	61.23	61.23
5675	6.58	8.28	59.98	63.03	64.77	61.29	61.29	61.29
5676	6.58	9.20	59.98	63.30	65.20	61.41	61.41	61.41
5677	5.79	9.80	60.06	63.76	65.88	61.64	61.64	61.64
5678	3.70	10.11	60.24	64.18	66.43	61.93	61.93	61.93
5679	3.70	9.75	60.44	64.50	66.82	62.18	62.18	62.18
5680	3.70	8.66	60.65	64.55	66.78	62.32	62.32	62.32
5681	2.99	7.96	60.76	64.23	66.20	62.25	62.25	62.25
5682	2.37	7.46	60.68	63.86	65.68	62.04	62.04	62.04
5683	2.37	7.15	60.53	63.52	65.23	61.82	61.82	61.82
5684	2.37	6.92	60.37	63.24	64.88	61.60	61.60	61.60
5685	1.75	6.68	60.22	63.01	64.60	61.42	61.42	61.42
5686	1.30	6.36	60.09	62.78	64.32	61.24	61.24	61.24
5687	1.30	5.87	59.96	62.52	63.99	61.06	61.06	61.06
5688	1.30	5.37	59.82	62.19	63.55	60.84	60.84	60.84
5689	1.07	5.12	59.65	61.82	63.06	60.58	60.58	60.58
5690	1.00	5.03	59.44	61.52	62.70	60.33	60.33	60.33
5691	1.00	4.93	59.24	61.29	62.45	60.12	60.12	60.12
5692	1.00	4.76	59.08	61.09	62.23	59.94	59.94	59.94
5693	1.25	4.56	58.94	60.88	61.99	59.77	59.77	59.77
5694	1.31	7.13	58.80	60.62	61.66	59.58	59.58	59.58
5695	1.31	5.81	58.73	59.68	60.22	59.14	59.14	59.14
5696	1.31	5.37	58.21	59.50	60.23	58.76	58.76	58.76
5697	0.54	5.71	57.95	59.92	61.04	58.79	58.79	58.79
5698	0.57	5.86	58.03	60.26	61.54	58.99	58.99	58.99
5699	0.57	6.25	58.14	60.47	61.81	59.14	59.14	59.14
5700	0.57	6.79	58.20	60.74	62.19	59.29	59.29	59.29
5701	0.62	7.21	58.29	61.07	62.66	59.49	59.49	59.49
5702	0.95	7.54	58.44	61.39	63.07	59.70	59.70	59.70
5703	0.95	7.29	58.58	61.66	63.42	59.90	59.90	59.90
5704	0.95	6.79	58.75	61.72	63.42	60.02	60.02	60.02

5705	1.37	6.94	58.83	61.60	63.17	60.02	60.02	60.02
5706	1.80	7.25	58.79	61.61	63.23	60.00	60.00	60.00
5707	1.80	7.34	58.79	61.74	63.43	60.06	60.06	60.06
5708	1.80	7.05	58.85	61.84	63.54	60.13	60.13	60.13
5709	2.29	6.72	58.91	61.78	63.42	60.14	60.14	60.14
5710	2.73	6.54	58.92	61.65	63.21	60.09	60.09	60.09
5711	2.73	6.53	58.87	61.53	63.05	60.01	60.01	60.01
5712	2.73	6.40	58.81	61.47	62.99	59.95	59.95	59.95
5713	3.07	6.17	58.77	61.38	62.87	59.89	59.89	59.89
5714	3.27	5.76	58.73	61.25	62.68	59.81	59.81	59.81
5715	3.27	5.33	58.68	61.03	62.37	59.68	59.68	59.68
5716	3.27	5.01	58.58	60.75	62.00	59.51	59.51	59.51
5717	3.45	4.66	58.44	60.49	61.66	59.32	59.32	59.32
5718	3.74	6.97	58.31	60.19	61.27	59.12	59.12	59.12
5719	3.74	5.80	58.23	59.24	59.82	58.66	58.66	58.66
5720	3.74	5.83	57.70	59.16	60.00	58.33	58.33	58.33
5721	4.13	6.57	57.49	59.71	60.98	58.44	58.44	58.44
5722	8.26	7.62	57.62	60.23	61.73	58.74	58.74	58.74
5723	8.26	8.37	57.79	60.88	62.65	59.11	59.11	59.11
5724	8.26	9.04	58.06	61.49	63.45	59.53	59.53	59.53
5725	6.87	9.68	58.35	62.04	64.16	59.93	59.93	59.93
5726	3.65	10.26	58.63	62.58	64.83	60.32	60.32	60.32
5727	3.65	10.20	58.92	63.09	65.47	60.71	60.71	60.71
5728	3.65	8.88	59.24	63.37	65.73	61.01	61.01	61.01
5729	1.81	8.05	59.51	63.10	65.15	61.04	61.04	61.04
5730	0.13	7.55	59.49	62.74	64.60	60.89	60.89	60.89
5731	0.13	6.89	59.39	62.45	64.19	60.70	60.70	60.70
5732	0.13	5.93	59.29	62.08	63.68	60.49	60.49	60.49
5733	-0.96	4.91	59.16	61.57	62.94	60.19	60.19	60.19
5734	-1.88	4.44	58.95	60.94	62.08	59.80	59.80	59.80
5735	-1.88	4.41	58.64	60.45	61.48	59.42	59.42	59.42
5736	-1.88	4.36	58.35	60.16	61.19	59.12	59.12	59.12
5737	-2.58	4.35	58.15	59.93	60.95	58.91	58.91	58.91
5738	-3.11	4.52	57.98	59.77	60.79	58.74	58.74	58.74
5739	-3.11	4.67	57.83	59.69	60.75	58.63	58.63	58.63
5740	-3.11	4.59	57.74	59.66	60.76	58.56	58.56	58.56
5741	-3.61	4.35	57.69	59.57	60.65	58.50	58.50	58.50
5742	-3.82	4.13	57.63	59.37	60.37	58.38	58.38	58.38
5743	-3.82	7.12	57.52	59.08	59.97	58.19	58.19	58.19

5744	-3.82	7.59	57.41	58.47	59.08	57.86	57.86	57.86
5745	-3.94	7.48	57.03	58.60	59.50	57.70	57.70	57.70
5746	-3.94	7.49	56.95	59.06	60.26	57.85	57.85	57.85
5747	-3.94	7.49	57.07	59.54	60.95	58.13	58.13	58.13
5748	-3.94	7.44	57.27	59.93	61.44	58.41	58.41	58.41
5749	-3.37	7.22	57.45	60.20	61.77	58.63	58.63	58.63
5750	-2.30	6.81	57.60	60.40	62.01	58.80	58.80	58.80
5751	-2.30	6.67	57.73	60.53	62.13	58.93	58.93	58.93
5752	-2.30	6.58	57.82	60.56	62.13	58.99	58.99	58.99
5753	-1.37	6.54	57.87	60.57	62.11	59.02	59.02	59.02
5754	-0.74	6.48	57.89	60.57	62.11	59.04	59.04	59.04
5755	-0.74	6.77	57.91	60.57	62.09	59.05	59.05	59.05
5756	-0.74	7.55	57.90	60.68	62.27	59.09	59.09	59.09
5757	-0.32	8.27	57.92	61.02	62.79	59.25	59.25	59.25
5758	-0.01	8.37	58.05	61.44	63.38	59.50	59.50	59.50
5759	-0.01	7.99	58.27	61.69	63.65	59.74	59.74	59.74
5760	-0.01	7.57	58.44	61.71	63.57	59.84	59.84	59.84
5761	0.01	7.41	58.51	61.60	63.36	59.84	59.84	59.84
5762	-0.02	7.59	58.50	61.53	63.26	59.80	59.80	59.80
5763	-0.02	7.78	58.48	61.58	63.35	59.81	59.81	59.81
5764	-0.02	7.99	58.50	61.66	63.46	59.85	59.85	59.85
5765	0.20	8.25	58.54	61.74	63.57	59.91	59.91	59.91
5766	0.62	8.49	58.59	61.86	63.73	59.99	59.99	59.99
5767	0.62	8.75	58.65	61.99	63.90	60.08	60.08	60.08
5768	0.62	9.02	58.71	62.14	64.09	60.18	60.18	60.18
5769	1.19	9.15	58.79	62.33	64.36	60.31	60.31	60.31
5770	1.84	9.04	58.89	62.53	64.60	60.45	60.45	60.45
5771	1.84	8.72	59.01	62.65	64.73	60.57	60.57	60.57
5772	1.84	8.36	59.11	62.63	64.64	60.62	60.62	60.62
5773	5.16	7.96	59.15	62.52	64.45	60.59	60.59	60.59
5774	3.71	7.43	59.14	62.36	64.19	60.52	60.52	60.52
5775	3.71	6.95	59.10	62.10	63.82	60.38	60.38	60.38
5776	3.71	6.90	59.00	61.81	63.42	60.21	60.21	60.21
5777	1.05	7.21	58.86	61.65	63.25	60.06	60.06	60.06
5778	-1.01	7.55	58.75	61.67	63.33	60.00	60.00	60.00
5779	-1.01	7.53	58.71	61.77	63.52	60.02	60.02	60.02
5780	-1.01	7.30	58.75	61.79	63.52	60.05	60.05	60.05
5781	-2.51	7.06	58.76	61.70	63.37	60.02	60.02	60.02
5782	-3.88	6.98	58.73	61.55	63.16	59.94	59.94	59.94

5783	-3.88	7.09	58.67	61.40	62.96	59.84	59.84	59.84
5784	-3.88	7.15	58.59	61.31	62.86	59.76	59.76	59.76
5785	-5.53	7.06	58.53	61.24	62.79	59.69	59.69	59.69
5786	-7.00	6.88	58.49	61.13	62.64	59.62	59.62	59.62
5787	-7.00	6.72	58.44	60.97	62.41	59.52	59.52	59.52
5788	-7.00	6.88	58.36	60.76	62.13	59.39	59.39	59.39
5789	-7.51	7.33	58.24	60.63	62.00	59.27	59.27	59.27
5790	-7.59	11.57	58.14	60.62	62.04	59.21	59.21	59.21
5791	-7.59	10.20	58.22	59.75	60.63	58.88	58.88	58.88
5792	-7.59	8.29	57.78	59.52	60.52	58.53	58.53	58.53
5793	-7.24	7.63	57.52	60.02	61.45	58.59	58.59	58.59
5794	-6.88	7.39	57.66	60.36	61.89	58.82	58.82	58.82
5795	-6.88	7.58	57.79	60.55	62.12	58.98	58.98	58.98
5796	-6.88	7.78	57.88	60.76	62.41	59.11	59.11	59.11
5797	-6.27	8.02	57.97	60.99	62.71	59.27	59.27	59.27
5798	-5.48	8.31	58.08	61.23	63.02	59.43	59.43	59.43
5799	-5.48	8.52	58.19	61.49	63.37	59.60	59.60	59.60
5800	-5.48	8.74	58.33	61.74	63.69	59.79	59.79	59.79
5801	-4.87	8.64	58.46	61.96	63.95	59.96	59.96	59.96
5802	-4.30	8.67	58.60	62.12	64.13	60.11	60.11	60.11
5803	-4.30	8.64	58.71	62.24	64.25	60.22	60.22	60.22
5804	-4.30	8.53	58.80	62.31	64.32	60.31	60.31	60.31
5805	-3.79	8.44	58.87	62.34	64.32	60.36	60.36	60.36
5806	-3.25	8.44	58.92	62.34	64.30	60.39	60.39	60.39
5807	-3.25	8.48	58.94	62.37	64.32	60.41	60.41	60.41
5808	-3.25	8.55	58.97	62.41	64.38	60.44	60.44	60.44
5809	-2.38	8.50	59.00	62.47	64.45	60.49	60.49	60.49
5810	-1.19	8.27	59.04	62.49	64.46	60.52	60.52	60.52
5811	-1.19	8.07	59.08	62.43	64.35	60.51	60.51	60.51
5812	-1.19	7.90	59.08	62.31	64.16	60.46	60.46	60.46
5813	0.05	7.69	59.04	62.17	63.97	60.38	60.38	60.38
5814	1.04	10.80	58.99	62.01	63.74	60.29	60.29	60.29
5815	1.04	9.37	59.03	61.01	62.15	59.88	59.88	59.88
5816	1.04	8.06	58.55	60.64	61.83	59.44	59.44	59.44
5817	1.67	7.87	58.24	60.95	62.50	59.40	59.40	59.40
5818	1.91	7.77	58.30	61.16	62.80	59.53	59.53	59.53
5819	1.91	7.84	58.36	61.33	63.02	59.63	59.63	59.63
5820	1.91	7.94	58.42	61.47	63.21	59.72	59.72	59.72
5821	0.87	8.38	58.47	61.60	63.39	59.82	59.82	59.82



5822	-1.54	9.04	58.52	61.86	63.77	59.95	59.95	59.95
5823	-1.54	9.63	58.62	62.25	64.33	60.17	60.17	60.17
5824	-1.54	9.76	58.78	62.69	64.92	60.46	60.46	60.46
5825	-3.67	9.12	59.02	62.94	65.18	60.70	60.70	60.70
5826	-5.68	8.63	59.21	62.91	65.02	60.79	60.79	60.79
5827	-5.68	8.21	59.27	62.76	64.76	60.76	60.76	60.76
5828	-5.68	8.18	59.25	62.58	64.48	60.68	60.68	60.68
5829	-7.64	8.29	59.18	62.50	64.39	60.60	60.60	60.60
5830	-9.57	8.33	59.14	62.50	64.42	60.58	60.58	60.58
5831	-9.57	8.46	59.14	62.52	64.45	60.59	60.59	60.59
5832	-9.57	8.59	59.15	62.57	64.53	60.62	60.62	60.62
5833	-10.19	8.87	59.17	62.65	64.64	60.66	60.66	60.66
5834	-9.64	9.27	59.20	62.79	64.84	60.74	60.74	60.74
5835	-9.64	9.55	59.25	63.00	65.15	60.86	60.86	60.86
5836	-9.64	9.56	59.35	63.21	65.42	61.01	61.01	61.01
5837	-8.92	9.64	59.47	63.34	65.54	61.13	61.13	61.13
5838	-8.18	12.53	59.56	63.44	65.65	61.22	61.22	61.22
5839	-8.18	11.33	59.70	62.94	64.78	61.09	61.09	61.09
5840	-8.18	11.70	59.46	63.06	65.12	61.00	61.00	61.00
5841	-7.82	13.37	59.40	63.91	66.48	61.33	61.33	61.33
5842	-7.46	14.01	59.71	64.94	67.93	61.95	61.95	61.95
5843	-7.46	14.37	60.20	65.71	68.86	62.56	62.56	62.56
5844	-7.46	14.92	60.63	66.31	69.55	63.06	63.06	63.06
5845	-6.57	15.35	60.99	66.90	70.27	63.52	63.52	63.52
5846	-5.30	16.43	61.35	67.43	70.90	63.96	63.96	63.96
5847	-5.30	16.88	61.66	68.14	71.84	64.44	64.44	64.44
5848	-5.30	15.90	62.08	68.71	72.50	64.92	64.92	64.92
5849	-3.85	16.01	62.52	68.74	72.29	65.18	65.18	65.18
5850	-2.72	16.19	62.65	68.90	72.47	65.33	65.33	65.33
5851	-2.72	15.22	62.81	69.12	72.73	65.52	65.52	65.52
5852	-2.72	14.32	63.04	68.96	72.35	65.58	65.58	65.58
5853	-1.93	13.63	63.08	68.66	71.84	65.47	65.47	65.47
5854	-1.06	13.25	63.03	68.34	71.37	65.30	65.30	65.30
5855	-1.06	12.71	62.93	68.10	71.05	65.14	65.14	65.14
5856	-1.06	12.34	62.85	67.81	70.65	64.97	64.97	64.97
5857	-0.23	12.24	62.73	67.56	70.32	64.80	64.80	64.80
5858	0.58	11.80	62.61	67.41	70.15	64.67	64.67	64.67
5859	0.58	11.26	62.55	67.18	69.82	64.53	64.53	64.53
5860	0.58	11.06	62.45	66.87	69.40	64.35	64.35	64.35

5861	1.37	11.78	62.30	66.65	69.14	64.17	64.17	64.17
5862	1.82	13.73	62.14	66.78	69.43	64.13	64.13	64.13
5863	1.82	13.44	62.17	66.88	69.57	64.18	64.18	64.18
5864	1.82	14.12	62.16	67.24	70.14	64.34	64.34	64.34
5865	1.94	15.05	62.28	67.77	70.90	64.63	64.63	64.63
5866	5.78	16.14	62.50	68.37	71.73	65.01	65.01	65.01
5867	5.78	17.64	62.77	69.08	72.68	65.47	65.47	65.47
5868	5.78	18.48	63.10	69.96	73.89	66.04	66.04	66.04
5869	3.48	18.93	63.56	70.72	74.81	66.63	66.63	66.63
5870	-1.77	19.61	64.00	71.30	75.47	67.13	67.13	67.13
5871	-1.77	19.28	64.36	71.90	76.20	67.59	67.59	67.59
5872	-1.77	17.68	64.78	72.15	76.37	67.94	67.94	67.94
5873	-5.37	16.75	65.09	71.84	75.69	67.98	67.98	67.98
5874	-7.05	15.83	65.10	71.48	75.13	67.83	67.83	67.83
5875	-7.05	14.79	65.04	71.08	74.53	67.63	67.63	67.63
5876	-7.05	14.16	64.93	70.58	73.82	67.35	67.35	67.35
5877	-8.09	13.96	64.74	70.16	73.26	67.06	67.06	67.06
5878	-9.15	13.80	64.54	69.90	72.96	66.83	66.83	66.83
5879	-9.15	13.26	64.39	69.71	72.74	66.67	66.67	66.67
5880	-9.15	12.81	64.30	69.41	72.33	66.49	66.49	66.49
5881	-9.81	12.37	64.16	69.11	71.94	66.28	66.28	66.28
5882	-10.10	11.99	64.01	68.80	71.53	66.07	66.07	66.07
5883	-10.10	12.30	63.85	68.50	71.16	65.85	65.85	65.85
5884	-10.10	12.50	63.66	68.44	71.17	65.71	65.71	65.71
5885	-10.20	12.53	63.58	68.44	71.22	65.67	65.67	65.67
5886	-9.76	13.37	63.55	68.43	71.21	65.64	65.64	65.64
5887	-9.76	13.13	63.53	68.35	71.10	65.60	65.60	65.60
5888	-9.76	13.75	63.46	68.49	71.37	65.61	65.61	65.61
5889	-8.79	14.72	63.47	68.81	71.86	65.76	65.76	65.76
5890	-7.75	15.86	63.57	69.29	72.56	66.02	66.02	66.02
5891	-7.75	16.06	63.76	69.91	73.42	66.39	66.39	66.39
5892	-7.75	15.92	64.07	70.28	73.82	66.73	66.73	66.73
5893	-7.18	17.03	64.31	70.45	73.95	66.94	66.94	66.94
5894	-6.94	17.73	64.41	70.96	74.70	67.22	67.22	67.22
5895	-6.94	17.34	64.67	71.47	75.36	67.58	67.58	67.58
5896	-6.94	15.89	64.99	71.62	75.41	67.83	67.83	67.83
5897	-6.58	14.00	65.21	71.27	74.74	67.81	67.81	67.81
5898	-6.23	12.49	65.20	70.54	73.60	67.49	67.49	67.49
5899	-6.23	11.21	64.96	69.74	72.47	67.01	67.01	67.01

5900	-6.23	10.53	64.63	68.94	71.40	66.48	66.48	66.48
5901	-6.10	10.98	64.24	68.30	70.63	65.98	65.98	65.98
5902	-5.96	11.45	63.85	68.11	70.54	65.67	65.67	65.67
5903	-5.96	9.43	63.65	68.10	70.65	65.56	65.56	65.56
5904	-5.96	6.22	63.67	67.34	69.44	65.24	65.24	65.24
5905	-5.61	5.07	63.42	65.85	67.24	64.46	64.46	64.46
5906	-5.18	5.36	62.72	64.69	65.81	63.56	63.56	63.56
5907	-5.18	5.56	62.04	64.13	65.32	62.93	62.93	62.93
5908	-5.18	5.63	61.60	63.78	65.02	62.54	62.54	62.54
5909	-4.73	5.49	61.30	63.48	64.73	62.23	62.23	62.23
5910	-4.25	4.56	61.05	63.11	64.29	61.93	61.93	61.93
5911	-4.25	6.97	60.82	62.45	63.37	61.52	61.52	61.52
5912	-4.25	7.09	60.56	60.96	61.19	60.73	60.73	60.73
5913	-3.68	6.53	59.79	59.98	60.09	59.87	59.87	59.87
5914	1.20	6.53	59.14	59.51	59.72	59.30	59.30	59.30
5915	1.20	6.61	58.70	59.47	59.91	59.03	59.03	59.03
5916	1.20	6.19	58.48	59.59	60.22	58.96	58.96	58.96
5917	-0.34	5.55	58.42	59.49	60.11	58.88	58.88	58.88
5918	-5.42	5.10	58.24	59.71	60.56	58.87	58.87	58.87
5919	-5.42	5.46	58.19	60.29	61.48	59.09	59.09	59.09
5920	-5.42	5.66	58.38	60.62	61.90	59.34	59.34	59.34
5921	-7.95	5.61	58.51	60.83	62.15	59.51	59.51	59.51
5922	-9.12	5.56	58.61	60.91	62.22	59.59	59.59	59.59
5923	-9.12	5.65	58.65	60.92	62.22	59.62	59.62	59.62
5924	-9.12	6.00	58.65	60.96	62.28	59.64	59.64	59.64
5925	-9.78	6.23	58.64	61.08	62.47	59.69	59.69	59.69
5926	-10.52	6.13	58.69	61.15	62.56	59.74	59.74	59.74
5927	-10.52	6.26	58.73	61.09	62.44	59.74	59.74	59.74
5928	-10.52	6.12	58.70	61.05	62.40	59.71	59.71	59.71
5929	-11.02	5.81	58.69	60.89	62.14	59.63	59.63	59.63
5930	-10.97	5.99	58.63	60.53	61.62	59.45	59.45	59.45
5931	-10.97	6.37	58.46	60.27	61.30	59.23	59.23	59.23
5932	-10.97	6.25	58.30	60.13	61.17	59.08	59.08	59.08
5933	-10.81	6.40	58.21	59.86	60.81	58.92	58.92	58.92
5934	-10.74	6.79	58.05	59.67	60.59	58.74	58.74	58.74
5935	-10.74	6.53	57.90	59.63	60.62	58.64	58.64	58.64
5936	-10.74	6.42	57.85	59.44	60.35	58.53	58.53	58.53
5937	-10.90	6.68	57.72	59.33	60.25	58.41	58.41	58.41
5938	-10.92	6.76	57.60	59.52	60.61	58.42	58.42	58.42

5939	-10.92	7.23	57.60	59.87	61.16	58.57	58.57	58.57
5940	-10.92	8.06	57.69	60.38	61.91	58.84	58.84	58.84
5941	-10.48	8.94	57.88	60.99	62.78	59.21	59.21	59.21
5942	-9.62	9.46	58.14	61.66	63.68	59.65	59.65	59.65
5943	-9.62	9.50	58.46	62.23	64.38	60.08	60.08	60.08
5944	-9.62	9.15	58.79	62.58	64.74	60.41	60.41	60.41
5945	-8.84	8.52	59.04	62.69	64.78	60.60	60.60	60.60
5946	-8.56	8.46	59.19	62.59	64.53	60.65	60.65	60.65
5947	-8.56	8.45	59.20	62.57	64.50	60.65	60.65	60.65
5948	-8.56	8.19	59.23	62.59	64.51	60.67	60.67	60.67
5949	-8.57	7.59	59.27	62.51	64.36	60.66	60.66	60.66
5950	-8.53	7.42	59.28	62.25	63.95	60.56	60.56	60.56
5951	-8.53	7.50	59.20	61.97	63.55	60.39	60.39	60.39
5952	-8.53	7.14	59.08	61.75	63.28	60.22	60.22	60.22
5953	-8.27	6.79	58.99	61.38	62.75	60.01	60.01	60.01
5954	-7.89	6.69	58.83	60.90	62.08	59.72	59.72	59.72
5955	-7.89	6.54	58.60	60.43	61.47	59.39	59.39	59.39
5956	-7.89	5.65	58.36	59.96	60.87	59.05	59.05	59.05
5957	-7.48	5.30	58.15	59.19	59.79	58.59	58.59	58.59
5958	-7.17	5.40	57.76	58.52	58.96	58.08	58.08	58.08
5959	-7.17	3.91	57.36	58.10	58.53	57.68	57.68	57.68
5960	-7.17	5.59	56.99	58.35	59.12	57.57	57.57	57.57
5961	-7.02	7.71	56.90	59.15	60.43	57.86	57.86	57.86
5962	-2.47	10.07	57.09	60.29	62.11	58.46	58.46	58.46
5963	-2.47	11.18	57.50	61.66	64.03	59.28	59.28	59.28
5964	-2.47	11.72	58.14	62.72	65.34	60.10	60.10	60.10
5965	-3.44	12.65	58.72	63.49	66.21	60.76	60.76	60.76
5966	-7.12	13.21	59.16	64.29	67.21	61.36	61.36	61.36
5967	-7.12	13.35	59.64	64.96	68.00	61.92	61.92	61.92
5968	-7.12	12.87	60.08	65.43	68.49	62.37	62.37	62.37
5969	-8.80	13.41	60.45	65.60	68.54	62.66	62.66	62.66
5970	-10.28	13.79	60.63	65.97	69.03	62.92	62.92	62.92
5971	-10.28	12.34	60.88	66.37	69.50	63.23	63.23	63.23
5972	-10.28	10.93	61.22	66.12	68.92	63.32	63.32	63.32
5973	-11.42	9.99	61.27	65.60	68.08	63.13	63.13	63.13
5974	-12.10	9.10	61.13	65.10	67.37	62.83	62.83	62.83
5975	-12.10	8.83	60.96	64.58	66.65	62.51	62.51	62.51
5976	-12.10	8.40	60.72	64.25	66.26	62.23	62.23	62.23
5977	-12.51	8.21	60.56	63.92	65.84	62.00	62.00	62.00

5978	-12.62	8.38	60.38	63.68	65.56	61.79	61.79	61.79
5979	-12.62	8.11	60.23	63.59	65.51	61.67	61.67	61.67
5980	-12.62	7.89	60.16	63.42	65.28	61.56	61.56	61.56
5981	-12.62	8.19	60.07	63.24	65.05	61.43	61.43	61.43
5982	-12.17	11.03	59.94	63.23	65.11	61.35	61.35	61.35
5983	-12.17	9.51	59.99	62.59	64.07	61.10	61.10	61.10
5984	-12.17	9.77	59.65	62.46	64.07	60.86	60.86	60.86
5985	-11.65	12.12	59.45	63.11	65.20	61.02	61.02	61.02
5986	-11.22	14.22	59.58	64.27	66.96	61.59	61.59	61.59
5987	-11.22	15.98	60.01	65.59	68.78	62.41	62.41	62.41
5988	-11.22	16.75	60.61	66.91	70.51	63.31	63.31	63.31
5989	-10.68	16.66	61.29	67.90	71.68	64.13	64.13	64.13
5990	-10.19	16.99	61.92	68.47	72.21	64.72	64.72	64.72
5991	-10.19	16.02	62.33	68.99	72.79	65.18	65.18	65.18
5992	-10.19	14.73	62.76	69.01	72.59	65.44	65.44	65.44
5993	-9.61	13.72	62.97	68.70	71.98	65.43	65.43	65.43
5994	-9.20	12.29	62.97	68.32	71.37	65.26	65.26	65.26
5995	-9.20	11.57	62.92	67.71	70.45	64.97	64.97	64.97
5996	-9.20	10.89	62.70	67.23	69.81	64.64	64.64	64.64
5997	-8.86	10.35	62.50	66.77	69.21	64.33	64.33	64.33
5998	-8.51	10.25	62.29	66.36	68.68	64.04	64.04	64.04
5999	-8.51	10.15	62.07	66.11	68.42	63.80	63.80	63.80
6000	-8.51	9.95	61.92	65.93	68.22	63.64	63.64	63.64
6001	-7.87	9.36	61.80	65.74	67.99	63.49	63.49	63.49
6002	-7.05	9.01	61.71	65.42	67.54	63.30	63.30	63.30
6003	-7.05	8.93	61.55	65.12	67.16	63.08	63.08	63.08
6004	-7.05	8.89	61.37	64.92	66.95	62.89	62.89	62.89
6005	-6.16	8.98	61.24	64.78	66.80	62.76	62.76	62.76
6006	-5.77	11.08	61.13	64.71	66.75	62.66	62.66	62.66
6007	-5.77	9.48	61.15	63.95	65.56	62.35	62.35	62.35
6008	-5.77	10.40	60.75	63.79	65.53	62.05	62.05	62.05
6009	-5.83	12.27	60.50	64.49	66.78	62.21	62.21	62.21
6010	-1.51	13.57	60.67	65.47	68.21	62.73	62.73	62.73
6011	-1.51	14.59	61.05	66.40	69.45	63.34	63.34	63.34
6012	-1.51	15.39	61.49	67.25	70.54	63.96	63.96	63.96
6013	-2.91	16.36	61.93	68.00	71.46	64.53	64.53	64.53
6014	-7.00	16.83	62.34	68.76	72.43	65.09	65.09	65.09
6015	-7.00	16.72	62.78	69.36	73.12	65.60	65.60	65.60
6016	-7.00	15.52	63.19	69.70	73.41	65.98	65.98	65.98

6017	-8.84	14.35	63.53	69.54	72.98	66.10	66.10	66.10
6018	-10.29	13.98	63.62	69.17	72.35	66.00	66.00	66.00
6019	-10.29	13.52	63.53	68.95	72.05	65.86	65.86	65.86
6020	-10.29	13.28	63.49	68.73	71.73	65.74	65.74	65.74
6021	-11.22	13.23	63.41	68.57	71.52	65.62	65.62	65.62
6022	-12.03	12.64	63.35	68.50	71.44	65.55	65.55	65.55
6023	-12.03	12.27	63.34	68.26	71.07	65.45	65.45	65.45
6024	-12.03	11.55	63.25	68.03	70.76	65.30	65.30	65.30
6025	-13.50	10.85	63.17	67.68	70.25	65.10	65.10	65.10
6026	-14.84	10.49	63.03	67.26	69.68	64.84	64.84	64.84
6027	-14.84	10.18	62.83	66.93	69.28	64.59	64.59	64.59
6028	-14.84	10.24	62.65	66.64	68.93	64.36	64.36	64.36
6029	-15.67	10.31	62.47	66.49	68.79	64.19	64.19	64.19
6030	-15.10	11.98	62.35	66.41	68.73	64.09	64.09	64.09
6031	-15.10	10.85	62.33	65.89	67.92	63.86	63.86	63.86
6032	-15.10	11.44	62.03	65.91	68.13	63.69	63.69	63.69
6033	-14.08	13.08	61.92	66.35	68.87	63.82	63.82	63.82
6034	-13.21	14.98	62.01	67.11	70.03	64.20	64.20	64.20
6035	-13.21	15.54	62.27	68.15	71.51	64.79	64.79	64.79
6036	-13.21	15.71	62.76	68.85	72.33	65.37	65.37	65.37
6037	-12.40	16.06	63.16	69.29	72.79	65.79	65.79	65.79
6038	-11.41	16.24	63.45	69.69	73.25	66.12	66.12	66.12
6039	-11.41	15.30	63.72	70.01	73.60	66.42	66.42	66.42
6040	-11.41	13.64	64.00	69.91	73.29	66.53	66.53	66.53
6041	-10.51	13.53	64.11	69.37	72.38	66.37	66.37	66.37
6042	-9.88	12.98	63.92	69.15	72.14	66.17	66.17	66.17
6043	-9.88	12.12	63.86	68.88	71.75	66.01	66.01	66.01
6044	-9.88	11.30	63.77	68.47	71.15	65.78	65.78	65.78
6045	-9.40	10.13	63.61	68.00	70.51	65.49	65.49	65.49
6046	-8.82	9.57	63.42	67.36	69.62	65.11	65.11	65.11
6047	-8.82	9.32	63.11	66.85	68.98	64.71	64.71	64.71
6048	-8.82	8.77	62.82	66.48	68.56	64.39	64.39	64.39
6049	-8.30	8.82	62.61	66.05	68.02	64.08	64.08	64.08
6050	-7.96	9.10	62.34	65.82	67.80	63.83	63.83	63.83
6051	-7.96	9.12	62.15	65.74	67.79	63.69	63.69	63.69
6052	-7.96	8.86	62.05	65.66	67.72	63.60	63.60	63.60
6053	-7.46	8.39	61.98	65.48	67.48	63.48	63.48	63.48
6054	-6.82	9.82	61.87	65.20	67.10	63.30	63.30	63.30
6055	-6.82	8.43	61.79	64.40	65.89	62.91	62.91	62.91

6056	-6.82	9.36	61.35	64.20	65.83	62.57	62.57	62.57
6057	-6.08	11.45	61.08	64.72	66.79	62.64	62.64	62.64
6058	-1.20	12.89	61.15	65.65	68.22	63.08	63.08	63.08
6059	-1.20	13.81	61.48	66.59	69.50	63.67	63.67	63.67
6060	-1.20	14.27	61.91	67.37	70.49	64.25	64.25	64.25
6061	-1.96	14.62	62.32	67.93	71.14	64.72	64.72	64.72
6062	-5.55	15.10	62.66	68.39	71.66	65.11	65.11	65.11
6063	-5.55	15.11	62.94	68.83	72.20	65.46	65.46	65.46
6064	-5.55	13.82	63.23	69.12	72.48	65.75	65.75	65.75
6065	-7.11	12.74	63.51	68.88	71.94	65.81	65.81	65.81
6066	-8.06	12.63	63.52	68.47	71.30	65.65	65.65	65.65
6067	-8.06	12.26	63.39	68.30	71.11	65.49	65.49	65.49
6068	-8.06	11.91	63.33	68.11	70.84	65.38	65.38	65.38
6069	-8.79	11.70	63.27	67.91	70.56	65.25	65.25	65.25
6070	-9.37	11.28	63.18	67.74	70.35	65.13	65.13	65.13
6071	-9.37	11.04	63.11	67.51	70.03	65.00	65.00	65.00
6072	-9.37	10.68	63.00	67.32	69.78	64.85	64.85	64.85
6073	-9.95	10.60	62.91	67.09	69.48	64.70	64.70	64.70
6074	-10.94	10.35	62.78	66.93	69.31	64.56	64.56	64.56
6075	-10.94	9.88	62.69	66.75	69.07	64.43	64.43	64.43
6076	-10.94	9.81	62.60	66.49	68.70	64.27	64.27	64.27
6077	-11.70	9.43	62.46	66.31	68.52	64.11	64.11	64.11
6078	-11.56	9.07	62.36	66.07	68.19	63.95	63.95	63.95
6079	-11.56	11.17	62.23	65.81	67.85	63.76	63.76	63.76
6080	-11.56	12.51	62.12	65.30	67.12	63.48	63.48	63.48
6081	-10.86	13.70	61.77	65.61	67.81	63.42	63.42	63.42
6082	-10.32	13.72	61.75	66.47	69.17	63.77	63.77	63.77
6083	-10.32	13.92	62.08	67.06	69.90	64.22	64.22	64.22
6084	-10.32	14.88	62.36	67.53	70.48	64.58	64.58	64.58
6085	-10.17	15.33	62.58	68.21	71.43	64.99	64.99	64.99
6086	-10.34	14.65	62.92	68.80	72.15	65.44	65.44	65.44
6087	-10.34	14.31	63.29	68.99	72.26	65.73	65.73	65.73
6088	-10.34	13.89	63.48	69.04	72.22	65.86	65.86	65.86
6089	-10.28	13.73	63.60	68.99	72.07	65.91	65.91	65.91
6090	-10.05	13.25	63.63	68.96	72.00	65.92	65.92	65.92
6091	-10.05	12.23	63.68	68.82	71.75	65.88	65.88	65.88
6092	-10.05	12.09	63.69	68.43	71.15	65.72	65.72	65.72
6093	-9.80	12.25	63.53	68.23	70.92	65.55	65.55	65.55
6094	-9.54	12.26	63.42	68.19	70.91	65.47	65.47	65.47

6095	-9.54	12.15	63.39	68.16	70.89	65.44	65.44	65.44
6096	-9.54	12.06	63.37	68.11	70.81	65.40	65.40	65.40
6097	-8.88	12.00	63.35	68.05	70.73	65.36	65.36	65.36
6098	-7.67	11.88	63.32	68.00	70.67	65.32	65.32	65.32
6099	-7.67	11.74	63.29	67.93	70.57	65.28	65.28	65.28
6100	-7.67	11.29	63.26	67.84	70.46	65.23	65.23	65.23
6101	-6.40	10.96	63.24	67.64	70.16	65.13	65.13	65.13
6102	-5.29	11.00	63.15	67.43	69.88	64.99	64.99	64.99
6103	-5.29	11.31	63.04	67.32	69.77	64.88	64.88	64.88
6104	-5.29	11.63	62.95	67.33	69.84	64.83	64.83	64.83
6105	-4.26	11.98	62.93	67.42	69.99	64.85	64.85	64.85
6106	-3.17	12.43	62.93	67.56	70.20	64.92	64.92	64.92
6107	-3.17	12.23	62.97	67.78	70.52	65.03	65.03	65.03
6108	-3.17	12.55	63.09	67.81	70.51	65.11	65.11	65.11
6109	1.56	13.08	63.10	67.96	70.74	65.19	65.19	65.19
6110	2.18	13.09	63.16	68.23	71.13	65.33	65.33	65.33
6111	2.18	13.19	63.30	68.37	71.26	65.47	65.47	65.47
6112	2.18	12.86	63.39	68.47	71.38	65.57	65.57	65.57
6113	1.36	12.63	63.48	68.41	71.23	65.59	65.59	65.59
6114	1.16	12.73	63.49	68.30	71.04	65.55	65.55	65.55
6115	1.16	12.83	63.45	68.27	71.02	65.51	65.51	65.51
6116	1.16	12.78	63.44	68.26	71.02	65.51	65.51	65.51
6117	1.37	12.87	63.45	68.22	70.95	65.50	65.50	65.50
6118	1.49	13.07	63.43	68.21	70.94	65.48	65.48	65.48
6119	1.49	13.14	63.42	68.26	71.02	65.50	65.50	65.50
6120	1.49	13.22	63.45	68.28	71.04	65.52	65.52	65.52
6121	0.49	12.90	63.46	68.29	71.04	65.53	65.53	65.53
6122	-0.39	12.97	63.49	68.16	70.83	65.49	65.49	65.49
6123	-0.39	13.40	63.44	68.10	70.77	65.44	65.44	65.44
6124	-0.39	13.06	63.39	68.20	70.95	65.45	65.45	65.45
6125	0.32	12.70	63.45	68.10	70.76	65.44	65.44	65.44
6126	0.57	14.46	63.43	67.91	70.46	65.35	65.35	65.35
6127	0.57	11.30	63.55	66.18	67.68	64.67	64.67	64.67
6128	0.57	9.04	62.82	64.79	65.91	63.66	63.66	63.66
6129	0.44	7.58	62.04	64.39	65.74	63.05	63.05	63.05
6130	0.29	5.81	61.73	63.83	65.03	62.63	62.63	62.63
6131	0.29	3.47	61.41	62.97	63.87	62.08	62.08	62.08
6132	0.29	2.24	60.99	61.71	62.12	61.30	61.30	61.30
6133	0.55	2.07	60.33	60.64	60.82	60.46	60.46	60.46



6134	1.23	2.31	59.66	60.02	60.22	59.81	59.81	59.81
6135	1.23	2.35	59.17	59.74	60.07	59.41	59.41	59.41
6136	1.23	2.26	58.86	59.55	59.94	59.15	59.15	59.15
6137	1.99	1.98	58.62	59.35	59.76	58.93	58.93	58.93
6138	2.55	1.87	58.40	59.22	59.68	58.75	58.75	58.75
6139	2.55	1.47	58.25	59.01	59.44	58.57	58.57	58.57
6140	2.55	1.15	58.08	58.64	58.95	58.32	58.32	58.32
6141	2.97	0.90	57.85	58.21	58.42	58.01	58.01	58.01
6142	3.34	0.81	57.59	57.77	57.88	57.67	57.67	57.67
6143	3.34	0.89	57.31	57.30	57.30	57.31	57.31	57.31
6144	3.34	1.34	57.01	56.87	56.79	56.95	56.95	56.95
6145	3.60	1.93	56.72	56.43	56.27	56.60	56.60	56.60
6146	3.74	2.55	56.43	56.01	55.77	56.25	56.25	56.25
6147	3.74	3.44	56.14	55.59	55.28	55.91	55.91	55.91
6148	3.74	4.18	55.86	55.12	54.70	55.55	55.55	55.55
6149	3.84	4.75	55.56	54.66	54.15	55.17	55.17	55.17
6150	3.98	9.54	55.25	54.23	53.65	54.81	54.81	54.81
6151	3.98	8.24	55.05	53.02	51.85	54.18	54.18	54.18
6152	3.98	4.71	54.35	52.60	51.60	53.60	53.60	53.60
6153	4.15	2.56	53.91	52.92	52.35	53.49	53.49	53.49
6154	4.25	1.47	53.86	53.32	53.01	53.63	53.63	53.63
6155	4.25	1.56	53.91	53.71	53.60	53.83	53.83	53.83
6156	4.25	1.58	54.01	54.06	54.10	54.03	54.03	54.03
6157	3.52	1.76	54.13	54.34	54.46	54.22	54.22	54.22
6158	1.83	1.96	54.22	54.61	54.84	54.39	54.39	54.39
6159	1.83	1.98	54.32	54.89	55.21	54.57	54.57	54.57
6160	1.83	1.80	54.45	55.06	55.41	54.71	54.71	54.71
6161	-0.14	1.32	54.53	55.12	55.46	54.79	54.79	54.79
6162	-1.76	1.16	54.58	55.12	55.42	54.81	54.81	54.81
6163	-1.76	0.90	54.59	55.01	55.24	54.77	54.77	54.77
6164	-1.76	0.71	54.56	54.80	54.94	54.66	54.66	54.66
6165	-3.00	0.70	54.46	54.58	54.65	54.51	54.51	54.51
6166	-4.17	0.80	54.35	54.36	54.36	54.35	54.35	54.35
6167	-4.17	1.23	54.22	54.11	54.04	54.17	54.17	54.17
6168	-4.17	1.94	54.09	53.82	53.67	53.97	53.97	53.97
6169	-4.99	2.73	53.93	53.51	53.28	53.75	53.75	53.75
6170	-5.40	3.54	53.75	53.17	52.84	53.50	53.50	53.50
6171	-5.40	3.69	53.55	52.80	52.38	53.23	53.23	53.23
6172	-5.40	3.75	53.32	52.54	52.10	52.99	52.99	52.99

6173	-5.74	4.39	53.13	52.34	51.89	52.80	52.80	52.80
6174	-5.80	9.54	52.99	52.06	51.54	52.59	52.59	52.59
6175	-5.80	8.40	52.92	50.92	49.77	52.06	52.06	52.06
6176	-5.80	4.60	52.30	50.55	49.54	51.55	51.55	51.55
6177	-5.61	2.22	51.92	50.96	50.41	51.51	51.51	51.51
6178	-5.41	1.75	51.93	51.52	51.29	51.76	51.76	51.76
6179	-5.41	1.87	52.08	52.09	52.10	52.09	52.09	52.09
6180	-5.41	1.98	52.29	52.60	52.77	52.42	52.42	52.42
6181	-4.68	2.09	52.51	53.01	53.30	52.73	52.73	52.73
6182	-3.37	2.21	52.71	53.35	53.72	52.99	52.99	52.99
6183	-3.37	2.21	52.89	53.66	54.10	53.22	53.22	53.22
6184	-3.37	2.18	53.06	53.88	54.35	53.41	53.41	53.41
6185	-2.02	2.01	53.20	54.03	54.50	53.55	53.55	53.55
6186	-0.95	1.77	53.30	54.16	54.65	53.67	53.67	53.67
6187	-0.95	1.32	53.40	54.16	54.59	53.73	53.73	53.73
6188	-0.95	0.88	53.45	53.98	54.29	53.68	53.68	53.68
6189	-0.48	0.51	53.42	53.67	53.81	53.52	53.52	53.52
6190	-0.08	1.02	53.31	53.27	53.25	53.29	53.29	53.29
6191	-0.08	1.42	53.13	52.91	52.79	53.03	53.03	53.03
6192	-0.08	1.70	52.93	52.63	52.46	52.81	52.81	52.81
6193	0.17	2.24	52.77	52.41	52.21	52.61	52.61	52.61
6194	0.25	2.88	52.63	52.16	51.89	52.42	52.42	52.42
6195	0.25	3.56	52.48	51.87	51.53	52.22	52.22	52.22
6196	0.25	4.18	52.31	51.57	51.14	51.99	51.99	51.99
6197	0.31	4.62	52.13	51.26	50.76	51.76	51.76	51.76
6198	0.42	9.43	51.94	50.98	50.43	51.53	51.53	51.53
6199	0.42	8.08	51.87	49.91	48.79	51.03	51.03	51.03
6200	0.42	4.42	51.28	49.61	48.65	50.56	50.56	50.56
6201	0.56	2.39	50.94	50.03	49.51	50.55	50.55	50.55
6202	4.44	2.63	50.95	50.78	50.69	50.88	50.88	50.88
6203	4.44	2.57	51.16	51.74	52.07	51.41	51.41	51.41
6204	4.44	2.71	51.57	52.38	52.85	51.92	51.92	51.92
6205	2.90	2.96	51.90	52.89	53.45	52.32	52.32	52.32
6206	-0.19	3.08	52.17	53.32	53.98	52.67	52.67	52.67
6207	-0.19	3.12	52.43	53.67	54.38	52.96	52.96	52.96
6208	-0.19	3.14	52.65	53.94	54.68	53.20	53.20	53.20
6209	-1.84	3.04	52.83	54.12	54.85	53.39	53.39	53.39
6210	-2.91	2.79	52.97	54.28	55.02	53.53	53.53	53.53
6211	-2.91	2.20	53.10	54.30	54.98	53.62	53.62	53.62

6212	-2.91	1.60	53.19	54.13	54.67	53.59	53.59	53.59
6213	-3.42	1.24	53.17	53.86	54.25	53.46	53.46	53.46
6214	-3.81	0.94	53.08	53.57	53.85	53.29	53.29	53.29
6215	-3.81	0.73	52.97	53.25	53.41	53.09	53.09	53.09
6216	-3.81	0.71	52.82	52.94	53.00	52.87	52.87	52.87
6217	-4.07	0.78	52.67	52.63	52.61	52.65	52.65	52.65
6218	-4.21	1.28	52.50	52.34	52.25	52.43	52.43	52.43
6219	-4.21	1.83	52.34	52.07	51.92	52.23	52.23	52.23
6220	-4.21	2.47	52.18	51.80	51.58	52.02	52.02	52.02
6221	-4.33	3.11	52.02	51.51	51.21	51.80	51.80	51.80
6222	-4.22	7.81	51.85	51.20	50.83	51.58	51.58	51.58
6223	-4.22	6.57	51.77	50.15	49.22	51.08	51.08	51.08
6224	-4.22	3.29	51.20	49.84	49.07	50.62	50.62	50.62
6225	-3.95	2.91	50.86	50.32	50.01	50.63	50.63	50.63
6226	-3.54	2.95	50.88	51.27	51.49	51.05	51.05	51.05
6227	-3.54	3.00	51.22	52.05	52.53	51.58	51.58	51.58
6228	-3.54	3.21	51.57	52.64	53.24	52.03	52.03	52.03
6229	-2.88	3.31	51.88	53.11	53.81	52.40	52.40	52.40
6230	-1.89	3.48	52.15	53.46	54.22	52.71	52.71	52.71
6231	-1.89	3.50	52.36	53.79	54.61	52.97	52.97	52.97
6232	-1.89	3.48	52.57	54.04	54.88	53.20	53.20	53.20
6233	-0.87	3.29	52.75	54.18	55.00	53.36	53.36	53.36
6234	-0.01	3.03	52.87	54.28	55.09	53.48	53.48	53.48
6235	-0.01	2.78	52.98	54.27	55.02	53.53	53.53	53.53
6236	-0.01	2.51	53.02	54.21	54.89	53.53	53.53	53.53
6237	0.77	2.11	53.04	54.11	54.73	53.50	53.50	53.50
6238	1.41	1.87	53.03	53.93	54.44	53.42	53.42	53.42
6239	1.41	1.68	52.97	53.71	54.13	53.29	53.29	53.29
6240	1.41	1.51	52.88	53.48	53.81	53.14	53.14	53.14
6241	2.12	1.43	52.79	53.19	53.42	52.96	52.96	52.96
6242	2.95	1.42	52.65	52.91	53.06	52.76	52.76	52.76
6243	2.95	1.43	52.51	52.60	52.64	52.55	52.55	52.55
6244	2.95	1.87	52.35	52.26	52.20	52.31	52.31	52.31
6245	3.73	2.37	52.18	51.90	51.74	52.06	52.06	52.06
6246	4.34	2.82	51.98	51.51	51.24	51.78	51.78	51.78
6247	4.34	7.35	51.76	51.18	50.85	51.51	51.51	51.51
6248	4.34	6.98	51.66	50.14	49.28	51.01	51.01	51.01
6249	4.76	6.55	51.07	49.98	49.36	50.60	50.60	50.60
6250	8.81	6.52	50.77	50.71	50.67	50.74	50.74	50.74

6251	8.81	6.13	50.92	51.65	52.07	51.24	51.24	51.24
6252	8.81	5.70	51.30	52.36	52.97	51.75	51.75	51.75
6253	6.94	5.06	51.63	52.87	53.57	52.16	52.16	52.16
6254	2.89	4.01	51.89	53.42	54.30	52.55	52.55	52.55
6255	2.89	4.09	52.19	53.92	54.91	52.93	52.93	52.93
6256	2.89	4.17	52.48	54.24	55.25	53.24	53.24	53.24
6257	-0.30	3.82	52.70	54.49	55.52	53.47	53.47	53.47
6258	-2.42	3.27	52.90	54.54	55.48	53.60	53.60	53.60
6259	-2.42	2.76	53.01	54.41	55.21	53.61	53.61	53.61
6260	-2.42	2.12	53.03	54.21	54.88	53.54	53.54	53.54
6261	-3.53	1.72	52.99	53.90	54.42	53.38	53.38	53.38
6262	-4.47	1.64	52.88	53.60	54.01	53.19	53.19	53.19
6263	-4.47	1.64	52.76	53.29	53.59	52.99	52.99	52.99
6264	-4.47	1.87	52.62	52.96	53.16	52.76	52.76	52.76
6265	-5.24	2.08	52.46	52.65	52.75	52.54	52.54	52.54
6266	-5.96	2.29	52.30	52.25	52.22	52.28	52.28	52.28
6267	-5.96	2.42	52.10	51.85	51.71	51.99	51.99	51.99
6268	-5.96	2.65	51.88	51.48	51.25	51.71	51.71	51.71
6269	-6.77	3.17	51.67	51.12	50.81	51.43	51.43	51.43
6270	-6.91	3.49	51.45	50.81	50.44	51.18	51.18	51.18
6271	-6.91	3.42	51.25	50.54	50.14	50.95	50.95	50.95
6272	-6.91	3.33	51.05	50.44	50.09	50.79	50.79	50.79
6273	-6.70	4.14	50.86	50.95	51.00	50.90	50.90	50.90
6274	-6.47	4.23	50.94	51.82	52.33	51.32	51.32	51.32
6275	-6.47	4.35	51.29	52.52	53.22	51.82	51.82	51.82
6276	-6.47	4.71	51.62	53.11	53.97	52.26	52.26	52.26
6277	-6.17	4.91	51.92	53.70	54.72	52.68	52.68	52.68
6278	-5.76	4.86	52.24	54.19	55.30	53.07	53.07	53.07
6279	-5.76	4.84	52.54	54.51	55.64	53.38	53.38	53.38
6280	-5.76	4.53	52.77	54.74	55.86	53.61	53.61	53.61
6281	-5.35	4.23	52.96	54.79	55.84	53.74	53.74	53.74
6282	-4.66	3.91	53.06	54.76	55.73	53.79	53.79	53.79
6283	-4.66	3.58	53.12	54.61	55.46	53.76	53.76	53.76
6284	-4.66	3.56	53.12	54.31	54.99	53.63	53.63	53.63
6285	-3.97	3.79	53.03	54.04	54.61	53.46	53.46	53.46
6286	-3.97	4.12	52.91	53.86	54.40	53.31	53.31	53.31
6287	-3.97	4.24	52.81	53.74	54.27	53.21	53.21	53.21
6288	-3.97	4.10	52.76	53.53	53.97	53.09	53.09	53.09
6289	-2.95	3.86	52.68	53.20	53.49	52.90	52.90	52.90

6290	-1.25	3.98	52.53	52.80	52.96	52.65	52.65	52.65
6291	-1.25	4.18	52.33	52.54	52.67	52.42	52.42	52.42
6292	-1.25	4.20	52.16	52.37	52.49	52.25	52.25	52.25
6293	-0.26	4.33	52.04	52.19	52.27	52.11	52.11	52.11
6294	0.26	8.59	51.91	52.09	52.19	51.99	51.99	51.99
6295	0.26	7.27	51.94	51.15	50.70	51.60	51.60	51.60
6296	0.26	5.58	51.45	50.89	50.56	51.21	51.21	51.21
6297	0.54	5.28	51.15	51.43	51.60	51.27	51.27	51.27
6298	4.59	5.22	51.28	51.99	52.40	51.58	51.58	51.58
6299	4.59	5.76	51.46	52.61	53.27	51.95	51.95	51.95
6300	4.59	6.82	51.69	53.42	54.40	52.43	52.43	52.43
6301	2.44	7.64	52.02	54.48	55.88	53.07	53.07	53.07
6302	-2.79	7.80	52.51	55.53	57.25	53.80	53.80	53.80
6303	-2.79	7.81	53.08	56.23	58.04	54.43	54.43	54.43
6304	-2.79	7.69	53.53	56.72	58.54	54.89	54.89	54.89
6305	-6.08	7.87	53.88	57.04	58.84	55.24	55.24	55.24
6306	-7.96	8.37	54.13	57.46	59.36	55.56	55.56	55.56
6307	-7.96	7.91	54.40	57.93	59.95	55.91	55.91	55.91
6308	-7.96	7.54	54.74	58.07	59.97	56.17	56.17	56.17
6309	-8.82	7.55	54.92	58.09	59.89	56.28	56.28	56.28
6310	-9.67	7.97	55.01	58.18	59.99	56.37	56.37	56.37
6311	-9.67	8.28	55.10	58.44	60.35	56.53	56.53	56.53
6312	-9.67	8.05	55.26	58.73	60.71	56.75	56.75	56.75
6313	-10.54	8.17	55.47	58.82	60.73	56.90	56.90	56.90
6314	-11.05	8.59	55.57	58.92	60.84	57.01	57.01	57.01
6315	-11.05	8.76	55.66	59.16	61.16	57.16	57.16	57.16
6316	-11.05	8.83	55.82	59.36	61.39	57.34	57.34	57.34
6317	-11.21	8.57	55.96	59.52	61.55	57.49	57.49	57.49
6318	-10.69	12.10	56.10	59.52	61.48	57.57	57.57	57.57
6319	-10.69	10.65	56.29	58.56	59.85	57.26	57.26	57.26
6320	-10.69	9.23	55.88	58.27	59.64	56.90	56.90	56.90
6321	-9.83	9.36	55.62	58.91	60.79	57.03	57.03	57.03
6322	-9.02	9.72	55.85	59.47	61.54	57.40	57.40	57.40
6323	-9.02	10.26	56.11	59.93	62.11	57.75	57.75	57.75
6324	-9.02	11.15	56.34	60.43	62.77	58.10	58.10	58.10
6325	-8.60	11.70	56.59	61.08	63.65	58.52	58.52	58.52
6326	-8.70	12.22	56.94	61.68	64.39	58.97	58.97	58.97
6327	-8.70	12.60	57.28	62.25	65.09	59.41	59.41	59.41
6328	-8.70	12.10	57.63	62.76	65.70	59.83	59.83	59.83

6329	-8.80	11.46	58.00	62.89	65.69	60.09	60.09	60.09
6330	-8.67	11.04	58.19	62.86	65.52	60.19	60.19	60.19
6331	-8.67	10.42	58.29	62.78	65.34	60.21	60.21	60.21
6332	-8.67	9.77	58.34	62.58	65.01	60.16	60.16	60.16
6333	-8.75	9.42	58.34	62.31	64.58	60.04	60.04	60.04
6334	-8.80	9.28	58.26	62.09	64.29	59.90	59.90	59.90
6335	-8.80	9.23	58.18	61.96	64.12	59.80	59.80	59.80
6336	-8.80	8.93	58.13	61.89	64.05	59.74	59.74	59.74
6337	-8.59	8.70	58.11	61.76	63.84	59.67	59.67	59.67
6338	-8.24	8.58	58.06	61.61	63.64	59.58	59.58	59.58
6339	-8.24	8.48	58.00	61.51	63.51	59.51	59.51	59.51
6340	-8.24	8.55	57.96	61.42	63.41	59.44	59.44	59.44
6341	-7.80	8.83	57.91	61.41	63.40	59.41	59.41	59.41
6342	-7.37	11.92	57.88	61.49	63.55	59.43	59.43	59.43
6343	-7.37	10.51	58.00	60.95	62.63	59.26	59.26	59.26
6344	-7.37	10.05	57.73	60.89	62.69	59.08	59.08	59.08
6345	-6.98	10.82	57.60	61.44	63.63	59.25	59.25	59.25
6346	-2.37	11.50	57.79	62.04	64.47	59.61	59.61	59.61
6347	-2.37	12.24	58.05	62.61	65.22	60.01	60.01	60.01
6348	-2.37	12.64	58.33	63.22	66.01	60.42	60.42	60.42
6349	-3.58	12.40	58.65	63.73	66.63	60.83	60.83	60.83
6350	-7.59	12.23	58.98	63.97	66.82	61.12	61.12	61.12
6351	-7.59	12.06	59.18	64.11	66.93	61.30	61.30	61.30
6352	-7.59	11.91	59.34	64.20	66.97	61.42	61.42	61.42
6353	-9.25	11.56	59.45	64.23	66.96	61.50	61.50	61.50
6354	-10.16	11.28	59.53	64.18	66.84	61.53	61.53	61.53
6355	-10.16	10.69	59.57	64.11	66.71	61.52	61.52	61.52
6356	-10.16	10.01	59.60	63.91	66.37	61.45	61.45	61.45
6357	-10.73	9.74	59.57	63.59	65.90	61.29	61.29	61.29
6358	-11.43	9.75	59.45	63.38	65.62	61.13	61.13	61.13
6359	-11.43	9.78	59.34	63.28	65.52	61.03	61.03	61.03
6360	-11.43	9.37	59.28	63.24	65.49	60.98	60.98	60.98
6361	-11.80	9.23	59.28	63.06	65.22	60.90	60.90	60.90
6362	-11.61	9.38	59.20	62.93	65.06	60.80	60.80	60.80
6363	-11.61	9.32	59.12	62.92	65.09	60.75	60.75	60.75
6364	-11.61	9.28	59.11	62.88	65.04	60.72	60.72	60.72
6365	-11.03	9.50	59.09	62.84	64.99	60.70	60.70	60.70
6366	-10.42	12.33	59.05	62.90	65.10	60.70	60.70	60.70
6367	-10.42	10.82	59.15	62.37	64.21	60.53	60.53	60.53

6368	-10.42	10.55	58.89	62.31	64.27	60.35	60.35	60.35
6369	-10.13	11.15	58.76	62.81	65.13	60.50	60.50	60.50
6370	-9.85	11.56	58.93	63.29	65.79	60.80	60.80	60.80
6371	-9.85	12.17	59.14	63.70	66.31	61.10	61.10	61.10
6372	-9.85	12.60	59.34	64.18	66.94	61.41	61.41	61.41
6373	-9.37	13.61	59.58	64.61	67.49	61.74	61.74	61.74
6374	-8.88	14.59	59.80	65.25	68.36	62.13	62.13	62.13
6375	-8.88	13.98	60.11	65.95	69.29	62.62	62.62	62.62
6376	-8.88	13.47	60.55	66.13	69.31	62.94	62.94	62.94
6377	-8.33	12.68	60.76	66.11	69.17	63.05	63.05	63.05
6378	-7.91	11.65	60.88	65.91	68.79	63.03	63.03	63.03
6379	-7.91	11.02	60.89	65.53	68.17	62.88	62.88	62.88
6380	-7.91	10.34	60.78	65.17	67.67	62.66	62.66	62.66
6381	-7.78	10.64	60.66	64.78	67.13	62.42	62.42	62.42
6382	-7.59	11.12	60.46	64.71	67.13	62.28	62.28	62.28
6383	-7.59	10.84	60.38	64.83	67.37	62.28	62.28	62.28
6384	-7.59	10.34	60.43	64.77	67.25	62.29	62.29	62.29
6385	-7.34	9.79	60.43	64.57	66.93	62.20	62.20	62.20
6386	-6.99	9.46	60.36	64.28	66.52	62.04	62.04	62.04
6387	-6.99	8.61	60.24	64.03	66.19	61.86	61.86	61.86
6388	-6.99	7.06	60.14	63.60	65.57	61.62	61.62	61.62
6389	-6.66	7.70	59.99	62.83	64.45	61.21	61.21	61.21
6390	-6.63	11.61	59.57	62.68	64.45	60.90	60.90	60.90
6391	-6.63	10.43	59.44	62.46	64.18	60.73	60.73	60.73
6392	-6.63	10.63	59.24	62.59	64.50	60.68	60.68	60.68
6393	-6.85	11.59	59.17	63.26	65.60	60.92	60.92	60.92
6394	-2.90	11.78	59.39	63.94	66.54	61.34	61.34	61.34
6395	-2.90	12.01	59.71	64.36	67.01	61.70	61.70	61.70
6396	-2.90	12.75	59.94	64.70	67.43	61.98	61.98	61.98
6397	-4.95	13.16	60.12	65.20	68.10	62.29	62.29	62.29
6398	-9.91	11.86	60.38	65.63	68.63	62.63	62.63	62.63
6399	-9.91	9.45	60.71	65.43	68.13	62.73	62.73	62.73
6400	-9.91	8.04	60.80	64.56	66.71	62.41	62.41	62.41
6401	-12.38	5.52	60.51	63.70	65.53	61.88	61.88	61.88
6402	-13.40	2.84	60.21	62.42	63.69	61.16	61.16	61.16
6403	-13.40	1.44	59.69	60.81	61.45	60.17	60.17	60.17
6404	-13.40	0.88	58.93	59.37	59.62	59.11	59.11	59.11
6405	-13.78	0.95	58.14	58.24	58.30	58.18	58.18	58.18
6406	-14.15	1.18	57.45	57.37	57.32	57.41	57.41	57.41

6407	-14.15	1.49	56.87	56.65	56.52	56.77	56.77	56.77
6408	-14.15	1.68	56.36	56.04	55.85	56.22	56.22	56.22
6409	-14.37	1.92	55.91	55.55	55.34	55.75	55.75	55.75
6410	-14.44	2.15	55.53	55.11	54.88	55.35	55.35	55.35
6411	-14.44	2.50	55.18	54.72	54.46	54.99	54.99	54.99
6412	-14.44	3.26	54.88	54.34	54.03	54.65	54.65	54.65
6413	-14.09	4.05	54.59	53.89	53.50	54.29	54.29	54.29
6414	-13.04	4.65	54.28	53.42	52.93	53.91	53.91	53.91
6415	-13.04	9.24	53.96	52.98	52.41	53.54	53.54	53.54
6416	-13.04	8.53	53.75	51.79	50.68	52.91	52.91	52.91
6417	-11.73	6.05	53.07	51.28	50.25	52.30	52.30	52.30
6418	-10.52	4.68	52.61	51.34	50.62	52.07	52.07	52.07
6419	-10.52	4.42	52.43	51.62	51.15	52.08	52.08	52.08
6420	-10.52	4.32	52.40	52.01	51.79	52.23	52.23	52.23
6421	-9.81	3.10	52.46	52.42	52.40	52.44	52.44	52.44
6422	-9.23	1.76	52.57	52.89	53.07	52.71	52.71	52.71
6423	-9.23	2.01	52.72	53.47	53.91	53.04	53.04	53.04
6424	-9.23	2.01	52.97	53.84	54.33	53.34	53.34	53.34
6425	-8.62	2.01	53.17	54.03	54.52	53.54	53.54	53.54
6426	-8.12	1.77	53.28	54.15	54.64	53.65	53.65	53.65
6427	-8.12	1.43	53.37	54.13	54.56	53.70	53.70	53.70
6428	-8.12	1.24	53.40	53.97	54.30	53.64	53.64	53.64
6429	-7.41	1.26	53.37	53.65	53.81	53.49	53.49	53.49
6430	-6.60	1.94	53.25	53.18	53.14	53.22	53.22	53.22
6431	-6.60	2.75	53.03	52.73	52.55	52.90	52.90	52.90
6432	-6.60	3.36	52.80	52.27	51.96	52.57	52.57	52.57
6433	-6.01	3.82	52.55	51.84	51.44	52.25	52.25	52.25
6434	-5.67	4.20	52.29	51.49	51.04	51.95	51.95	51.95
6435	-5.67	4.39	52.06	51.19	50.69	51.69	51.69	51.69
6436	-5.67	4.40	51.85	50.94	50.41	51.46	51.46	51.46
6437	-5.37	4.26	51.66	50.74	50.22	51.27	51.27	51.27
6438	-4.77	4.48	51.47	50.74	50.32	51.16	51.16	51.16
6439	-4.77	4.29	51.38	50.83	50.51	51.15	51.15	51.15
6440	-4.77	4.18	51.37	50.83	50.53	51.14	51.14	51.14
6441	-3.72	4.42	51.32	50.89	50.64	51.14	51.14	51.14
6442	-2.66	4.62	51.26	51.32	51.36	51.28	51.28	51.28
6443	-2.66	4.69	51.37	51.88	52.17	51.59	51.59	51.59
6444	-2.66	5.43	51.58	52.48	53.00	51.97	51.97	51.97
6445	0.84	5.50	51.81	53.38	54.28	52.48	52.48	52.48



6446	-1.13	5.21	52.24	54.03	55.06	53.01	53.01	53.01
6447	-1.13	5.52	52.62	54.40	55.41	53.38	53.38	53.38
6448	-1.13	5.93	52.84	54.86	56.02	53.71	53.71	53.71
6449	-4.76	6.07	53.10	55.40	56.71	54.09	54.09	54.09
6450	-7.80	6.34	53.42	55.79	57.14	54.43	54.43	54.43
6451	-7.80	6.36	53.67	56.08	57.46	54.71	54.71	54.71
6452	-7.80	6.30	53.91	56.18	57.48	54.88	54.88	54.88
6453	-9.85	6.31	54.05	56.13	57.31	54.94	54.94	54.94
6454	-11.46	6.24	54.10	56.01	57.10	54.92	54.92	54.92
6455	-11.46	6.56	54.11	55.84	56.83	54.85	54.85	54.85
6456	-11.46	6.85	54.05	55.83	56.85	54.82	54.82	54.82
6457	-12.93	6.62	54.05	55.90	56.95	54.84	54.84	54.84
6458	-13.78	6.63	54.11	55.79	56.75	54.83	54.83	54.83
6459	-13.78	6.80	54.08	55.70	56.62	54.78	54.78	54.78
6460	-13.78	6.75	54.05	55.67	56.59	54.74	54.74	54.74
6461	-13.93	7.40	54.05	55.56	56.42	54.69	54.69	54.69
6462	-13.98	12.24	53.96	55.80	56.85	54.75	54.75	54.75
6463	-13.98	10.88	54.13	55.38	56.10	54.67	54.67	54.67
6464	-13.98	9.12	53.92	55.47	56.35	54.58	54.58	54.58
6465	-13.71	8.24	53.85	56.23	57.59	54.87	54.87	54.87
6466	-13.34	7.10	54.18	56.61	58.00	55.22	55.22	55.22
6467	-13.34	6.80	54.43	56.58	57.81	55.35	55.35	55.35
6468	-13.34	7.06	54.46	56.70	57.98	55.42	55.42	55.42
6469	-12.97	7.04	54.52	57.03	58.46	55.59	55.59	55.59
6470	-12.52	6.84	54.68	57.27	58.75	55.79	55.79	55.79
6471	-12.52	7.13	54.84	57.43	58.92	55.95	55.95	55.95
6472	-12.52	7.64	54.93	57.76	59.38	56.14	56.14	56.14
6473	-11.94	7.14	55.09	58.19	59.96	56.42	56.42	56.42
6474	-11.30	6.14	55.35	58.34	60.04	56.63	56.63	56.63
6475	-11.30	5.01	55.52	58.09	59.56	56.62	56.62	56.62
6476	-11.30	4.19	55.52	57.61	58.81	56.42	56.42	56.42
6477	-10.73	3.83	55.37	57.10	58.10	56.11	56.11	56.11
6478	-10.14	3.64	55.15	56.71	57.61	55.82	55.82	55.82
6479	-10.14	2.89	54.95	56.37	57.18	55.56	55.56	55.56
6480	-10.14	2.41	54.80	55.83	56.42	55.24	55.24	55.24
6481	-9.67	2.54	54.54	55.28	55.69	54.86	54.86	54.86
6482	-9.42	2.66	54.24	54.90	55.28	54.52	54.52	54.52
6483	-9.42	2.69	54.01	54.54	54.83	54.24	54.24	54.24
6484	-9.42	2.74	53.80	54.12	54.30	53.93	53.93	53.93

6485	-9.21	2.61	53.55	53.71	53.80	53.62	53.62	53.62
6486	-8.89	6.90	53.32	53.26	53.22	53.29	53.29	53.29
6487	-8.89	5.77	53.16	51.98	51.30	52.66	52.66	52.66
6488	-8.89	3.56	52.48	51.48	50.91	52.05	52.05	52.05
6489	-8.54	2.99	52.05	51.60	51.35	51.86	51.86	51.86
6490	-8.23	2.53	51.95	51.78	51.69	51.88	51.88	51.88
6491	-8.23	2.31	51.92	51.99	52.04	51.95	51.95	51.95
6492	-8.23	2.22	51.94	52.20	52.35	52.05	52.05	52.05
6493	-8.35	2.50	51.98	52.42	52.67	52.17	52.17	52.17
6494	-8.79	2.88	52.03	52.75	53.16	52.34	52.34	52.34
6495	-8.79	3.30	52.15	53.15	53.72	52.58	52.58	52.58
6496	-8.79	3.60	52.31	53.56	54.28	52.84	52.84	52.84
6497	-9.27	3.30	52.50	53.92	54.73	53.11	53.11	53.11
6498	-10.52	3.61	52.70	54.12	54.93	53.31	53.31	53.31
6499	-10.52	3.85	52.81	54.36	55.25	53.48	53.48	53.48
6500	-10.52	4.03	52.95	54.60	55.55	53.66	53.66	53.66
6501	-12.32	4.47	53.09	54.81	55.80	53.83	53.83	53.83
6502	-14.06	5.01	53.20	55.09	56.17	54.01	54.01	54.01
6503	-14.06	5.34	53.35	55.40	56.57	54.23	54.23	54.23
6504	-14.06	5.48	53.52	55.65	56.87	54.44	54.44	54.44
6505	-14.74	5.46	53.69	55.81	57.03	54.60	54.60	54.60
6506	-14.17	5.46	53.82	55.86	57.02	54.69	54.69	54.69
6507	-14.17	5.84	53.89	55.83	56.93	54.72	54.72	54.72
6508	-14.17	5.96	53.91	55.89	57.01	54.76	54.76	54.76
6509	-13.54	5.71	53.97	55.85	56.92	54.77	54.77	54.77
6510	-13.14	9.68	54.00	55.63	56.55	54.70	54.70	54.70
6511	-13.14	8.03	54.05	54.48	54.72	54.24	54.24	54.24
6512	-13.14	5.91	53.54	53.91	54.13	53.70	53.70	53.70
6513	-13.08	5.79	53.15	54.08	54.62	53.55	53.55	53.55
6514	-13.08	5.97	53.09	54.52	55.34	53.71	53.71	53.71
6515	-13.08	7.00	53.20	55.07	56.13	54.00	54.00	54.00
6516	-13.08	8.61	53.36	55.99	57.49	54.49	54.49	54.49
6517	-12.59	9.56	53.71	57.19	59.17	55.20	55.20	55.20
6518	-11.62	9.78	54.28	58.19	60.43	55.96	55.96	55.96
6519	-11.62	9.93	54.84	58.87	61.17	56.57	56.57	56.57
6520	-11.62	10.21	55.28	59.39	61.73	57.04	57.04	57.04
6521	-10.57	9.87	55.64	59.84	62.23	57.44	57.44	57.44
6522	-9.82	9.55	55.98	60.08	62.43	57.74	57.74	57.74
6523	-9.82	9.02	56.22	60.19	62.45	57.92	57.92	57.92

6524	-9.82	9.19	56.39	60.13	62.26	58.00	58.00	58.00
6525	-9.59	9.68	56.44	60.25	62.42	58.07	58.07	58.07
6526	-9.43	9.30	56.53	60.53	62.82	58.25	58.25	58.25
6527	-9.43	8.93	56.73	60.58	62.77	58.38	58.38	58.38
6528	-9.43	8.84	56.83	60.52	62.63	58.41	58.41	58.41
6529	-9.20	8.48	56.86	60.51	62.60	58.43	58.43	58.43
6530	-8.99	8.61	56.92	60.41	62.41	58.42	58.42	58.42
6531	-8.99	8.65	56.90	60.45	62.48	58.42	58.42	58.42
6532	-8.99	8.37	56.94	60.50	62.54	58.46	58.46	58.46
6533	-8.78	8.71	57.00	60.45	62.42	58.48	58.48	58.48
6534	-8.43	12.03	56.98	60.56	62.60	58.51	58.51	58.51
6535	-8.43	9.98	57.13	60.02	61.68	58.37	58.37	58.37
6536	-8.43	7.73	56.93	59.68	61.25	58.11	58.11	58.11
6537	-8.07	6.48	56.77	59.43	60.95	57.91	57.91	57.91
6538	-3.29	4.82	56.69	58.85	60.08	57.61	57.61	57.61
6539	-3.29	2.48	56.48	57.95	58.80	57.11	57.11	57.11
6540	-3.29	1.30	56.14	56.60	56.86	56.33	56.33	56.33
6541	-4.08	1.62	55.49	55.46	55.44	55.48	55.48	55.48
6542	-7.69	1.97	54.81	55.07	55.22	54.92	54.92	54.92
6543	-7.69	2.00	54.44	55.01	55.34	54.68	54.68	54.68
6544	-7.69	1.93	54.27	54.93	55.30	54.55	54.55	54.55
6545	-9.29	1.53	54.14	54.81	55.19	54.42	54.42	54.42
6546	-9.31	1.20	54.01	54.66	55.03	54.29	54.29	54.29
6547	-9.31	0.69	53.90	54.36	54.61	54.10	54.10	54.10
6548	-9.31	0.61	53.74	53.86	53.93	53.80	53.80	53.80
6549	-8.00	1.03	53.49	53.36	53.28	53.43	53.43	53.43
6550	-6.62	1.39	53.19	52.97	52.84	53.09	53.09	53.09
6551	-6.62	1.64	52.93	52.64	52.47	52.80	52.80	52.80
6552	-6.62	1.81	52.69	52.35	52.15	52.55	52.55	52.55
6553	-5.63	1.79	52.48	52.10	51.88	52.32	52.32	52.32
6554	-5.17	1.93	52.29	51.91	51.70	52.13	52.13	52.13
6555	-5.17	2.22	52.12	51.79	51.60	51.98	51.98	51.98
6556	-5.17	2.45	51.99	51.68	51.51	51.86	51.86	51.86
6557	-4.45	2.66	51.88	51.59	51.43	51.76	51.76	51.76
6558	-3.87	7.22	51.78	51.51	51.35	51.66	51.66	51.66
6559	-3.87	6.27	51.79	50.62	49.95	51.29	51.29	51.29
6560	-3.87	4.33	51.28	50.63	50.25	51.00	51.00	51.00
6561	-3.30	4.15	51.05	51.65	51.99	51.31	51.31	51.31
6562	-2.28	4.57	51.37	52.66	53.41	51.92	51.92	51.92

6563	-2.28	5.34	51.79	53.48	54.45	52.52	52.52	52.52
6564	-2.28	6.10	52.18	54.27	55.47	53.07	53.07	53.07
6565	-1.52	6.46	52.57	55.04	56.45	53.63	53.63	53.63
6566	-1.35	6.60	53.00	55.66	57.18	54.14	54.14	54.14
6567	-1.35	6.57	53.37	56.13	57.70	54.55	54.55	54.55
6568	-1.35	6.26	53.69	56.46	58.04	54.88	54.88	54.88
6569	-0.89	5.77	53.96	56.56	58.05	55.07	55.07	55.07
6570	-0.72	5.31	54.11	56.56	57.95	55.16	55.16	55.16
6571	-0.72	4.89	54.20	56.45	57.73	55.16	55.16	55.16
6572	-0.72	4.52	54.22	56.29	57.47	55.11	55.11	55.11
6573	-0.87	4.09	54.20	56.11	57.21	55.02	55.02	55.02
6574	-1.00	3.84	54.16	55.89	56.88	54.90	54.90	54.90
6575	-1.00	3.57	54.07	55.70	56.63	54.77	54.77	54.77
6576	-1.00	3.27	53.99	55.51	56.38	54.64	54.64	54.64
6577	-0.82	3.03	53.91	55.30	56.10	54.51	54.51	54.51
6578	-0.44	2.82	53.81	55.09	55.83	54.36	54.36	54.36
6579	-0.44	2.62	53.72	54.81	55.44	54.19	54.19	54.19
6580	-0.44	2.50	53.58	54.50	55.02	53.97	53.97	53.97
6581	-0.08	2.52	53.42	54.20	54.65	53.75	53.75	53.75
6582	0.19	2.61	53.26	53.94	54.33	53.55	53.55	53.55
6583	0.19	7.18	53.11	53.65	53.97	53.34	53.34	53.34
6584	0.19	7.69	53.03	52.73	52.55	52.90	52.90	52.90
6585	0.35	7.11	52.51	52.57	52.60	52.54	52.54	52.54
6586	4.65	7.05	52.27	53.03	53.47	52.60	52.60	52.60
6587	4.65	7.06	52.35	53.60	54.31	52.89	52.89	52.89
6588	4.65	7.12	52.55	54.14	55.05	53.23	53.23	53.23
6589	3.72	6.63	52.77	54.70	55.81	53.60	53.60	53.60
6590	0.66	5.89	53.02	55.26	56.54	53.98	53.98	53.98
6591	0.66	6.12	53.30	55.81	57.25	54.38	54.38	54.38
6592	0.66	6.11	53.61	56.21	57.70	54.72	54.72	54.72
6593	-0.69	5.71	53.86	56.46	57.94	54.98	54.98	54.98
6594	-1.80	5.26	54.07	56.49	57.87	55.11	55.11	55.11
6595	-1.80	4.93	54.17	56.40	57.67	55.13	55.13	55.13
6596	-1.80	4.68	54.19	56.28	57.47	55.09	55.09	55.09
6597	-2.81	4.43	54.18	56.16	57.30	55.03	55.03	55.03
6598	-3.70	4.26	54.16	56.03	57.11	54.96	54.96	54.96
6599	-3.70	4.25	54.12	55.88	56.89	54.87	54.87	54.87
6600	-3.70	4.21	54.06	55.76	56.73	54.79	54.79	54.79
6601	-4.41	4.24	54.00	55.63	56.56	54.70	54.70	54.70

6602	-4.92	4.58	53.94	55.50	56.40	54.61	54.61	54.61
6603	-4.92	4.96	53.88	55.40	56.27	54.53	54.53	54.53
6604	-4.92	5.21	53.83	55.28	56.12	54.45	54.45	54.45
6605	-5.34	5.40	53.76	55.16	55.95	54.36	54.36	54.36
6606	-5.67	5.55	53.69	55.05	55.82	54.27	54.27	54.27
6607	-5.67	6.10	53.63	54.95	55.70	54.19	54.19	54.19
6608	-5.67	6.91	53.53	55.18	56.12	54.24	54.24	54.24
6609	-5.74	7.80	53.54	55.83	57.14	54.52	54.52	54.52
6610	-5.55	8.64	53.76	56.68	58.34	55.01	55.01	55.01
6611	-5.55	9.44	54.13	57.54	59.49	55.59	55.59	55.59
6612	-5.55	10.31	54.55	58.37	60.55	56.19	56.19	56.19
6613	-5.33	10.70	54.98	59.21	61.63	56.80	56.80	56.80
6614	-5.15	10.59	55.46	59.85	62.36	57.35	57.35	57.35
6615	-5.15	10.44	55.89	60.23	62.70	57.75	57.75	57.75
6616	-5.15	10.17	56.20	60.46	62.90	58.03	58.03	58.03
6617	-5.02	9.55	56.43	60.58	62.95	58.21	58.21	58.21
6618	-5.04	8.92	56.62	60.50	62.72	58.28	58.28	58.28
6619	-5.04	8.53	56.69	60.31	62.37	58.24	58.24	58.24
6620	-5.04	8.18	56.68	60.12	62.09	58.15	58.15	58.15
6621	-5.15	7.90	56.65	59.94	61.82	58.06	58.06	58.06
6622	-5.27	7.76	56.60	59.74	61.53	57.95	57.95	57.95
6623	-5.27	7.58	56.54	59.55	61.27	57.83	57.83	57.83
6624	-5.27	7.38	56.47	59.33	60.96	57.69	57.69	57.69
6625	-5.33	7.35	56.38	59.08	60.62	57.54	57.54	57.54
6626	-5.27	7.32	56.27	58.87	60.35	57.39	57.39	57.39
6627	-5.27	7.29	56.17	58.67	60.10	57.24	57.24	57.24
6628	-5.27	7.34	56.07	58.46	59.83	57.09	57.09	57.09
6629	-5.13	7.48	55.96	58.27	59.58	56.95	56.95	56.95
6630	-4.88	11.48	55.85	58.12	59.41	56.82	56.82	56.82
6631	-4.88	10.42	55.88	57.06	57.74	56.39	56.39	56.39
6632	-4.88	9.15	55.33	56.92	57.82	56.01	56.01	56.01
6633	-4.62	9.39	55.04	57.91	59.54	56.27	56.27	56.27
6634	-0.09	10.09	55.35	58.86	60.86	56.85	56.85	56.85
6635	-0.09	10.66	55.75	59.67	61.90	57.43	57.43	57.43
6636	-0.09	11.19	56.16	60.36	62.75	57.96	57.96	57.96
6637	-1.01	11.57	56.53	60.99	63.54	58.44	58.44	58.44
6638	-4.62	11.71	56.90	61.54	64.20	58.89	58.89	58.89
6639	-4.62	11.56	57.25	61.98	64.68	59.27	59.27	59.27
6640	-4.62	11.12	57.55	62.25	64.93	59.57	59.57	59.57

6641	-6.27	10.35	57.80	62.29	64.85	59.73	59.73	59.73
6642	-7.56	9.75	57.94	62.17	64.58	59.75	59.75	59.75
6643	-7.56	9.04	57.98	61.96	64.23	59.69	59.69	59.69
6644	-7.56	8.18	57.97	61.66	63.77	59.55	59.55	59.55
6645	-8.90	7.30	57.89	61.24	63.15	59.33	59.33	59.33
6646	-10.03	6.46	57.75	60.74	62.45	59.03	59.03	59.03
6647	-10.03	5.70	57.55	60.21	61.72	58.69	58.69	58.69
6648	-10.03	4.95	57.31	59.65	60.99	58.31	58.31	58.31
6649	-11.22	4.46	57.05	59.09	60.26	57.92	57.92	57.92
6650	-12.43	4.17	56.75	58.60	59.65	57.54	57.54	57.54
6651	-12.43	3.96	56.47	58.19	59.17	57.20	57.20	57.20
6652	-12.43	3.91	56.22	57.79	58.69	56.89	56.89	56.89
6653	-13.73	3.98	55.98	57.47	58.32	56.62	56.62	56.62
6654	-14.08	7.84	55.76	57.22	58.06	56.38	56.38	56.38
6655	-14.08	7.15	55.69	56.13	56.39	55.88	55.88	55.88
6656	-14.08	6.30	55.08	55.97	56.48	55.46	55.46	55.46
6657	-13.87	7.13	54.75	56.90	58.14	55.67	55.67	55.67
6658	-13.71	8.39	55.01	57.76	59.34	56.19	56.19	56.19
6659	-13.71	9.75	55.33	58.67	60.58	56.76	56.76	56.76
6660	-13.71	11.19	55.71	59.66	61.92	57.40	57.40	57.40
6661	-13.14	11.96	56.16	60.74	63.36	58.13	58.13	58.13
6662	-12.30	11.88	56.72	61.64	64.44	58.83	58.83	58.83
6663	-12.30	11.52	57.26	62.14	64.92	59.35	59.35	59.35
6664	-12.30	10.98	57.65	62.36	65.05	59.67	59.67	59.67
6665	-11.42	10.59	57.91	62.37	64.93	59.82	59.82	59.82
6666	-10.90	10.30	58.03	62.35	64.82	59.88	59.88	59.88
6667	-10.90	9.81	58.11	62.31	64.71	59.91	59.91	59.91
6668	-10.90	8.93	58.17	62.17	64.45	59.88	59.88	59.88
6669	-10.64	8.05	58.19	61.83	63.91	59.75	59.75	59.75
6670	-10.32	7.37	58.10	61.39	63.27	59.51	59.51	59.51
6671	-10.32	6.73	57.94	60.95	62.68	59.23	59.23	59.23
6672	-10.32	6.12	57.75	60.51	62.09	58.94	58.94	58.94
6673	-10.03	5.62	57.55	60.06	61.50	58.63	58.63	58.63
6674	-9.77	5.14	57.32	59.64	60.96	58.32	58.32	58.32
6675	-9.77	4.68	57.10	59.23	60.44	58.01	58.01	58.01
6676	-9.77	4.34	56.88	58.81	59.92	57.71	57.71	57.71
6677	-9.42	4.18	56.64	58.45	59.48	57.42	57.42	57.42
6678	-9.47	6.99	56.42	58.13	59.11	57.15	57.15	57.15
6679	-9.47	5.85	56.30	57.22	57.74	56.70	56.70	56.70

6680	-9.47	5.23	55.79	56.98	57.66	56.30	56.30	56.30
6681	-9.90	5.55	55.51	57.33	58.36	56.29	56.29	56.29
6682	-6.16	6.35	55.54	57.68	58.90	56.46	56.46	56.46
6683	-6.16	7.82	55.62	58.14	59.58	56.70	56.70	56.70
6684	-6.16	9.47	55.75	58.92	60.73	57.11	57.11	57.11
6685	-8.20	10.47	56.03	59.93	62.16	57.70	57.70	57.70
6686	-12.60	10.61	56.50	60.82	63.29	58.35	58.35	58.35
6687	-12.60	10.30	56.99	61.36	63.86	58.86	58.86	58.86
6688	-12.60	9.38	57.36	61.59	64.01	59.17	59.17	59.17
6689	-14.50	8.55	57.62	61.45	63.64	59.26	59.26	59.26
6690	-15.93	7.83	57.68	61.18	63.18	59.18	59.18	59.18
6691	-15.93	7.18	57.64	60.85	62.68	59.01	59.01	59.01
6692	-15.93	6.60	57.54	60.49	62.17	58.80	58.80	58.80
6693	-16.61	6.09	57.40	60.12	61.67	58.57	58.57	58.57
6694	-17.44	5.64	57.24	59.75	61.18	58.32	58.32	58.32
6695	-17.44	5.23	57.07	59.40	60.73	58.07	58.07	58.07
6696	-17.44	4.84	56.89	59.05	60.29	57.82	57.82	57.82
6697	-18.37	4.63	56.71	58.71	59.86	57.57	57.57	57.57
6698	-18.91	4.52	56.51	58.44	59.54	57.34	57.34	57.34
6699	-18.91	4.42	56.34	58.22	59.30	57.15	57.15	57.15
6700	-18.91	4.51	56.19	58.04	59.09	56.98	56.98	56.98
6701	-19.05	4.71	56.06	57.91	58.97	56.85	56.85	56.85
6702	-17.98	8.02	55.95	57.84	58.92	56.76	56.76	56.76
6703	-17.98	6.84	55.97	57.09	57.74	56.45	56.45	56.45
6704	-17.98	5.67	55.57	56.89	57.65	56.14	56.14	56.14
6705	-16.75	5.54	55.36	57.12	58.13	56.11	56.11	56.11
6706	-15.70	5.02	55.39	57.24	58.30	56.18	56.18	56.18
6707	-15.70	4.31	55.43	57.15	58.14	56.17	56.17	56.17
6708	-15.70	3.65	55.40	56.88	57.72	56.03	56.03	56.03
6709	-14.90	3.05	55.28	56.52	57.23	55.81	55.81	55.81
6710	-14.35	2.59	55.11	56.12	56.69	55.54	55.54	55.54
6711	-14.35	2.15	54.90	55.72	56.19	55.25	55.25	55.25
6712	-14.35	1.76	54.68	55.30	55.66	54.95	54.95	54.95
6713	-13.69	1.07	54.45	54.90	55.16	54.64	54.64	54.64
6714	-13.11	0.94	54.20	54.56	54.77	54.35	54.35	54.35
6715	-13.11	0.80	53.98	54.25	54.41	54.10	54.10	54.10
6716	-13.11	0.60	53.77	53.95	54.05	53.85	53.85	53.85
6717	-12.75	0.74	53.58	53.61	53.63	53.59	53.59	53.59
6718	-12.33	1.29	53.37	53.22	53.14	53.30	53.30	53.30

6719	-12.33	1.84	53.13	52.86	52.70	53.01	53.01	53.01
6720	-12.33	2.39	52.89	52.51	52.29	52.73	52.73	52.73
6721	-11.98	2.99	52.67	52.16	51.88	52.45	52.45	52.45
6722	-11.86	3.63	52.44	51.82	51.46	52.17	52.17	52.17
6723	-11.86	4.23	52.21	51.46	51.02	51.89	51.89	51.89
6724	-11.86	4.83	51.98	51.10	50.60	51.60	51.60	51.60
6725	-11.74	5.39	51.75	50.74	50.17	51.32	51.32	51.32
6726	-11.62	10.28	51.51	50.39	49.75	51.03	51.03	51.03
6727	-11.62	8.73	51.38	49.25	48.04	50.47	50.47	50.47
6728	-11.62	4.65	50.73	48.93	47.91	49.96	49.96	49.96
6729	-11.42	2.36	50.36	49.40	48.86	49.95	49.95	49.95
6730	-7.85	1.67	50.39	49.92	49.65	50.19	50.19	50.19
6731	-7.85	1.60	50.53	50.38	50.29	50.47	50.47	50.47
6732	-7.85	1.67	50.70	50.73	50.75	50.71	50.71	50.71
6733	-9.76	1.76	50.84	51.05	51.16	50.93	50.93	50.93
6734	-13.48	1.81	50.98	51.31	51.50	51.12	51.12	51.12
6735	-13.48	1.87	51.11	51.54	51.78	51.29	51.29	51.29
6736	-13.48	1.71	51.22	51.74	52.04	51.44	51.44	51.44
6737	-15.30	1.04	51.34	51.83	52.10	51.55	51.55	51.55
6738	-16.63	0.77	51.42	51.79	52.00	51.58	51.58	51.58
6739	-16.63	0.50	51.44	51.62	51.72	51.51	51.51	51.51
6740	-16.63	1.01	51.39	51.36	51.35	51.38	51.38	51.38
6741	-17.25	2.12	51.28	51.07	50.95	51.19	51.19	51.19
6742	-18.03	3.01	51.16	50.72	50.46	50.97	50.97	50.97
6743	-18.03	3.77	50.98	50.36	50.00	50.71	50.71	50.71
6744	-18.03	4.54	50.79	50.01	49.56	50.45	50.45	50.45
6745	-18.78	5.17	50.59	49.66	49.12	50.19	50.19	50.19
6746	-19.44	5.68	50.38	49.32	48.72	49.93	49.93	49.93
6747	-19.44	6.14	50.18	49.01	48.35	49.68	49.68	49.68
6748	-19.44	6.60	49.98	48.72	48.01	49.44	49.44	49.44
6749	-19.43	7.00	49.79	48.44	47.67	49.21	49.21	49.21
6750	-18.72	7.38	49.60	48.18	47.36	48.99	48.99	48.99
6751	-18.72	11.26	49.42	47.92	47.06	48.78	48.78	48.78
6752	-18.72	9.74	49.32	47.04	45.74	48.35	48.35	48.35
6753	-18.28	6.84	48.82	46.85	45.73	47.98	47.98	47.98
6754	-18.01	5.38	48.56	47.18	46.40	47.97	47.97	47.97
6755	-18.01	5.20	48.56	47.76	47.30	48.22	48.22	48.22
6756	-18.01	5.17	48.70	48.50	48.38	48.61	48.61	48.61
6757	-17.41	4.29	48.97	49.32	49.52	49.12	49.12	49.12



6758	-16.46	3.20	49.31	50.25	50.78	49.71	49.71	49.71
6759	-16.46	3.60	49.74	51.15	51.95	50.34	50.34	50.34
6760	-16.46	3.59	50.22	51.80	52.70	50.89	50.89	50.89
6761	-15.36	3.15	50.62	52.19	53.09	51.30	51.30	51.30
6762	-14.80	2.73	50.93	52.31	53.09	51.52	51.52	51.52
6763	-14.80	2.30	51.10	52.29	52.97	51.61	51.61	51.61
6764	-14.80	1.90	51.19	52.19	52.76	51.62	51.62	51.62
6765	-14.53	1.65	51.22	52.00	52.45	51.55	51.55	51.55
6766	-14.27	1.57	51.19	51.74	52.06	51.42	51.42	51.42
6767	-14.27	1.74	51.11	51.40	51.56	51.23	51.23	51.23
6768	-14.27	1.98	50.99	50.95	50.93	50.97	50.97	50.97
6769	-14.22	2.83	50.80	50.45	50.25	50.65	50.65	50.65
6770	-14.30	3.74	50.56	49.98	49.65	50.31	50.31	50.31
6771	-14.30	4.61	50.32	49.55	49.11	49.99	49.99	49.99
6772	-14.30	5.52	50.08	49.13	48.59	49.67	49.67	49.67
6773	-14.37	6.49	49.84	48.71	48.07	49.36	49.36	49.36
6774	-13.69	7.45	49.60	48.28	47.52	49.03	49.03	49.03
6775	-13.69	7.50	49.35	47.84	46.97	48.70	48.70	48.70
6776	-13.69	6.22	49.07	47.55	46.68	48.42	48.42	48.42
6777	-12.30	4.89	48.82	47.57	46.85	48.28	48.28	48.28
6778	-10.84	3.86	48.72	47.73	47.17	48.30	48.30	48.30
6779	-10.84	2.86	48.71	47.94	47.49	48.38	48.38	48.38
6780	-10.84	2.15	48.75	48.17	47.84	48.50	48.50	48.50
6781	-5.68	2.12	48.81	48.46	48.25	48.66	48.66	48.66
6782	-2.68	2.11	48.92	48.75	48.66	48.85	48.85	48.85
6783	-2.68	2.17	49.05	48.99	48.96	49.02	49.02	49.02
6784	-2.68	2.12	49.16	49.20	49.22	49.18	49.18	49.18
6785	-0.88	2.08	49.28	49.24	49.22	49.27	49.27	49.27
6786	-0.20	2.94	49.36	49.05	48.87	49.23	49.23	49.23
6787	-0.20	4.01	49.32	48.72	48.38	49.06	49.06	49.06
6788	-0.20	4.73	49.19	48.38	47.91	48.84	48.84	48.84
6789	-0.63	5.37	49.03	48.07	47.52	48.62	48.62	48.62
6790	-1.06	5.73	48.86	47.78	47.16	48.40	48.40	48.40
6791	-1.06	5.87	48.70	47.54	46.88	48.20	48.20	48.20
6792	-1.06	5.96	48.54	47.36	46.68	48.03	48.03	48.03
6793	-2.34	6.13	48.41	47.21	46.53	47.90	47.90	47.90
6794	-3.74	6.39	48.30	47.07	46.36	47.77	47.77	47.77
6795	-3.74	6.65	48.20	46.91	46.18	47.65	47.65	47.65
6796	-3.74	6.77	48.09	46.76	45.99	47.52	47.52	47.52

6797	-3.77	6.74	47.98	46.62	45.85	47.40	47.40	47.40
6798	-3.66	6.69	47.88	46.53	45.76	47.30	47.30	47.30
6799	-3.66	4.52	47.79	46.45	45.69	47.22	47.22	47.22
6800	-3.66	3.24	47.67	46.77	46.25	47.28	47.28	47.28
6801	-3.39	3.08	47.75	47.10	46.73	47.47	47.47	47.47
6802	-3.06	2.66	47.88	47.27	46.92	47.62	47.62	47.62
6803	-3.06	1.91	47.96	47.43	47.12	47.73	47.73	47.73
6804	-3.06	1.23	48.03	47.64	47.42	47.86	47.86	47.86
6805	-2.68	0.60	48.12	47.88	47.73	48.02	48.02	48.02
6806	-2.22	0.71	48.23	48.13	48.07	48.19	48.19	48.19
6807	-2.22	1.07	48.34	48.47	48.54	48.39	48.39	48.39
6808	-2.22	1.14	48.50	48.86	49.06	48.65	48.65	48.65
6809	-1.46	0.89	48.71	49.11	49.34	48.88	48.88	48.88
6810	-0.52	0.77	48.89	49.13	49.26	48.99	48.99	48.99
6811	-0.52	0.86	48.96	49.01	49.04	48.98	48.98	48.98
6812	-0.52	2.33	48.96	48.81	48.73	48.90	48.90	48.90
6813	0.42	3.52	48.93	48.45	48.18	48.72	48.72	48.72
6814	1.28	4.37	48.79	48.08	47.67	48.48	48.48	48.48
6815	1.28	4.97	48.62	47.73	47.23	48.24	48.24	48.24
6816	1.28	5.53	48.44	47.43	46.86	48.01	48.01	48.01
6817	1.78	5.90	48.27	47.16	46.52	47.80	47.80	47.80
6818	1.79	6.08	48.11	46.92	46.24	47.60	47.60	47.60
6819	1.79	6.21	47.96	46.74	46.04	47.43	47.43	47.43
6820	1.79	6.31	47.82	46.58	45.87	47.29	47.29	47.29
6821	1.75	6.39	47.71	46.45	45.73	47.17	47.17	47.17
6822	1.78	10.95	47.61	46.33	45.60	47.06	47.06	47.06
6823	1.78	9.13	47.62	45.43	44.18	46.68	46.68	46.68
6824	1.78	5.16	47.13	45.31	44.27	46.35	46.35	46.35
6825	1.76	3.08	46.90	45.88	45.29	46.46	46.46	46.46
6826	1.66	2.45	47.03	46.54	46.26	46.82	46.82	46.82
6827	1.66	2.79	47.25	47.35	47.40	47.29	47.29	47.29
6828	1.66	3.54	47.57	48.29	48.70	47.88	47.88	47.88
6829	1.36	4.24	47.99	49.28	50.03	48.54	48.54	48.54
6830	0.95	4.79	48.49	50.16	51.11	49.20	49.20	49.20
6831	0.95	5.32	48.97	50.93	52.05	49.81	49.81	49.81
6832	0.95	5.34	49.41	51.64	52.92	50.37	50.37	50.37
6833	0.47	4.70	49.87	52.12	53.40	50.83	50.83	50.83
6834	-0.54	4.20	50.24	52.29	53.47	51.12	51.12	51.12
6835	-0.54	3.82	50.47	52.30	53.35	51.25	51.25	51.25

6836	-0.54	3.45	50.59	52.25	53.20	51.30	51.30	51.30
6837	-2.04	3.09	50.66	52.16	53.02	51.30	51.30	51.30
6838	-3.43	3.01	50.69	52.03	52.80	51.27	51.27	51.27
6839	-3.43	3.12	50.67	51.98	52.73	51.23	51.23	51.23
6840	-3.43	3.30	50.67	52.02	52.79	51.25	51.25	51.25
6841	-4.89	3.45	50.71	52.07	52.86	51.29	51.29	51.29
6842	-6.32	3.53	50.75	52.13	52.91	51.34	51.34	51.34
6843	-6.32	3.67	50.80	52.15	52.92	51.38	51.38	51.38
6844	-6.32	3.98	50.84	52.13	52.87	51.39	51.39	51.39
6845	-7.62	4.49	50.85	52.15	52.88	51.41	51.41	51.41
6846	-8.77	9.06	50.87	52.25	53.05	51.46	51.46	51.46
6847	-8.77	7.97	51.04	51.49	51.76	51.23	51.23	51.23
6848	-8.77	5.99	50.67	51.47	51.92	51.01	51.01	51.01
6849	-9.46	5.69	50.53	52.26	53.26	51.27	51.27	51.27
6850	-10.12	5.74	50.83	52.93	54.13	51.73	51.73	51.73
6851	-10.12	5.86	51.15	53.39	54.67	52.11	52.11	52.11
6852	-10.12	6.03	51.42	53.76	55.09	52.42	52.42	52.42
6853	-10.12	6.02	51.65	54.10	55.50	52.70	52.70	52.70
6854	-8.91	5.91	51.87	54.36	55.78	52.94	52.94	52.94
6855	-8.91	5.69	52.06	54.53	55.94	53.12	53.12	53.12
6856	-8.91	5.37	52.22	54.62	55.99	53.25	53.25	53.25
6857	-7.51	4.73	52.34	54.58	55.86	53.30	53.30	53.30
6858	-6.25	4.21	52.39	54.42	55.58	53.26	53.26	53.26
6859	-6.25	3.76	52.38	54.19	55.23	53.16	53.16	53.16
6860	-6.25	3.38	52.32	53.94	54.86	53.02	53.02	53.02
6861	-5.25	2.90	52.23	53.69	54.52	52.86	52.86	52.86
6862	-4.30	2.38	52.14	53.36	54.06	52.66	52.66	52.66
6863	-4.30	1.80	52.01	52.94	53.47	52.41	52.41	52.41
6864	-4.30	1.32	51.84	52.42	52.75	52.08	52.08	52.08
6865	-3.67	1.06	51.60	51.84	51.97	51.70	51.70	51.70
6866	-3.50	1.27	51.31	51.27	51.25	51.30	51.30	51.30
6867	-3.50	2.13	51.01	50.75	50.60	50.90	50.90	50.90
6868	-3.50	2.76	50.71	50.27	50.02	50.53	50.53	50.53
6869	-3.35	3.02	50.43	49.86	49.53	50.18	50.18	50.18
6870	-3.04	7.63	50.16	49.54	49.18	49.89	49.89	49.89
6871	-3.04	6.17	50.03	48.47	47.58	49.36	49.36	49.36
6872	-3.04	4.91	49.41	48.32	47.70	48.95	48.95	48.95
6873	-2.72	5.68	49.06	49.39	49.59	49.20	49.20	49.20
6874	1.93	6.43	49.31	50.87	51.77	49.98	49.98	49.98

6875	1.93	7.09	49.88	52.32	53.72	50.93	50.93	50.93
6876	1.93	7.75	50.57	53.44	55.08	51.80	51.80	51.80
6877	0.92	8.07	51.17	54.37	56.20	52.54	52.54	52.54
6878	-2.90	8.17	51.72	55.09	57.02	53.17	53.17	53.17
6879	-2.90	8.16	52.19	55.64	57.61	53.67	53.67	53.67
6880	-2.90	7.87	52.59	56.04	58.02	54.07	54.07	54.07
6881	-4.90	7.06	52.92	56.22	58.11	54.34	54.34	54.34
6882	-7.16	6.36	53.16	56.16	57.88	54.45	54.45	54.45
6883	-7.16	5.97	53.26	55.97	57.51	54.42	54.42	54.42
6884	-7.16	5.88	53.26	55.80	57.25	54.35	54.35	54.35
6885	-9.50	5.74	53.23	55.74	57.17	54.31	54.31	54.31
6886	-11.49	5.68	53.24	55.69	57.08	54.29	54.29	54.29
6887	-11.49	5.77	53.24	55.66	57.05	54.28	54.28	54.28
6888	-11.49	5.86	53.25	55.71	57.11	54.30	54.30	54.30
6889	-13.13	5.95	53.28	55.78	57.20	54.35	54.35	54.35
6890	-14.63	6.04	53.33	55.85	57.30	54.41	54.41	54.41
6891	-14.63	6.11	53.39	55.90	57.33	54.46	54.46	54.46
6892	-14.63	6.31	53.44	55.93	57.35	54.50	54.50	54.50
6893	-16.15	6.65	53.47	56.01	57.47	54.56	54.56	54.56
6894	-15.56	10.74	53.51	56.18	57.71	54.66	54.66	54.66
6895	-15.56	9.77	53.71	55.52	56.55	54.49	54.49	54.49
6896	-15.56	8.58	53.40	55.55	56.78	54.32	54.32	54.32
6897	-13.32	8.74	53.30	56.32	58.05	54.59	54.59	54.59
6898	-11.21	7.53	53.61	56.95	58.86	55.04	55.04	55.04
6899	-11.21	5.10	53.98	56.92	58.60	55.24	55.24	55.24
6900	-11.21	2.93	54.17	56.02	57.09	54.96	54.96	54.96
6901	-10.04	1.70	53.93	54.69	55.13	54.26	54.26	54.26
6902	-9.96	1.32	53.38	53.52	53.60	53.44	53.44	53.44
6903	-9.96	1.19	52.78	52.73	52.70	52.76	52.76	52.76
6904	-9.96	1.25	52.32	52.07	51.93	52.21	52.21	52.21
6905	-9.92	0.50	51.89	51.63	51.48	51.78	51.78	51.78
6906	-9.64	0.43	51.55	51.45	51.39	51.51	51.51	51.51
6907	-9.64	0.45	51.36	51.27	51.22	51.32	51.32	51.32
6908	-9.64	0.87	51.19	51.10	51.04	51.15	51.15	51.15
6909	-9.39	1.24	51.04	50.86	50.76	50.97	50.97	50.97
6910	-9.02	1.63	50.88	50.62	50.48	50.77	50.77	50.77
6911	-9.02	1.96	50.72	50.38	50.19	50.57	50.57	50.57
6912	-9.02	2.37	50.55	50.14	49.91	50.37	50.37	50.37
6913	-8.85	2.72	50.39	49.90	49.62	50.18	50.18	50.18

6914	-9.27	2.96	50.22	49.66	49.34	49.98	49.98	49.98
6915	-9.27	3.18	50.06	49.45	49.10	49.80	49.80	49.80
6916	-9.27	3.67	49.90	49.25	48.88	49.62	49.62	49.62
6917	-9.68	4.49	49.76	49.01	48.58	49.44	49.44	49.44
6918	-9.72	5.33	49.61	48.70	48.17	49.22	49.22	49.22
6919	-9.72	9.73	49.43	48.34	47.72	48.96	48.96	48.96
6920	-9.72	9.00	49.31	47.33	46.20	48.46	48.46	48.46
6921	-9.39	6.96	48.76	46.94	45.90	47.98	47.98	47.98
6922	-4.59	5.69	48.42	47.02	46.22	47.82	47.82	47.82
6923	-4.59	5.16	48.30	47.28	46.70	47.86	47.86	47.86
6924	-4.59	4.93	48.31	47.64	47.26	48.02	48.02	48.02
6925	-5.72	3.29	48.40	48.02	47.80	48.24	48.24	48.24
6926	-9.93	1.38	48.50	48.62	48.69	48.55	48.55	48.55
6927	-9.93	1.54	48.72	49.33	49.68	48.98	48.98	48.98
6928	-9.93	1.44	49.06	49.75	50.14	49.36	49.36	49.36
6929	-11.72	1.22	49.32	49.93	50.28	49.58	49.58	49.58
6930	-13.11	1.20	49.49	49.87	50.08	49.65	49.65	49.65
6931	-13.11	1.58	49.53	49.64	49.71	49.58	49.58	49.58
6932	-13.11	2.02	49.49	49.31	49.21	49.41	49.41	49.41
6933	-14.38	2.72	49.37	48.97	48.75	49.20	49.20	49.20
6934	-15.78	3.56	49.21	48.66	48.34	48.97	48.97	48.97
6935	-15.78	4.54	49.06	48.33	47.92	48.75	48.75	48.75
6936	-15.78	5.51	48.89	47.97	47.44	48.49	48.49	48.49
6937	-17.48	6.13	48.70	47.58	46.95	48.22	48.22	48.22
6938	-18.92	6.34	48.48	47.24	46.54	47.95	47.95	47.95
6939	-18.92	6.51	48.27	46.99	46.26	47.72	47.72	47.72
6940	-18.92	6.69	48.09	46.79	46.04	47.53	47.53	47.53
6941	-19.80	6.91	47.94	46.60	45.83	47.36	47.36	47.36
6942	-19.70	7.11	47.80	46.42	45.63	47.21	47.21	47.21
6943	-19.70	6.60	47.67	46.25	45.43	47.06	47.06	47.06
6944	-19.70	4.94	47.52	46.21	45.45	46.96	46.96	46.96
6945	-19.17	3.29	47.42	46.43	45.87	46.99	46.99	46.99
6946	-18.77	2.66	47.44	46.78	46.41	47.16	47.16	47.16
6947	-18.77	2.79	47.53	47.25	47.09	47.41	47.41	47.41
6948	-18.77	3.02	47.70	47.87	47.97	47.77	47.77	47.77
6949	-17.39	3.23	47.95	48.57	48.92	48.21	48.21	48.21
6950	-15.33	3.38	48.28	49.20	49.73	48.67	48.67	48.67
6951	-15.33	3.61	48.62	49.72	50.34	49.09	49.09	49.09
6952	-15.33	3.48	48.91	50.18	50.90	49.45	49.45	49.45

6953	-13.34	2.99	49.21	50.42	51.11	49.73	49.73	49.73
6954	-11.90	2.70	49.44	50.36	50.88	49.83	49.83	49.83
6955	-11.90	2.62	49.52	50.11	50.45	49.77	49.77	49.77
6956	-11.90	2.79	49.49	49.74	49.89	49.60	49.60	49.60
6957	-11.18	2.85	49.38	49.29	49.24	49.34	49.34	49.34
6958	-10.35	3.17	49.21	48.79	48.56	49.03	49.03	49.03
6959	-10.35	3.81	48.98	48.34	47.97	48.71	48.71	48.71
6960	-10.35	4.41	48.74	47.97	47.53	48.41	48.41	48.41
6961	-9.65	4.98	48.54	47.65	47.14	48.15	48.15	48.15
6962	-9.39	5.54	48.34	47.34	46.76	47.91	47.91	47.91
6963	-9.39	6.10	48.16	47.04	46.40	47.68	47.68	47.68
6964	-9.39	6.52	47.97	46.75	46.05	47.45	47.45	47.45
6965	-9.12	6.72	47.79	46.49	45.74	47.23	47.23	47.23
6966	-8.80	11.32	47.62	46.27	45.51	47.04	47.04	47.04
6967	-8.80	9.60	47.56	45.31	44.02	46.60	46.60	46.60
6968	-8.80	5.66	47.03	45.12	44.03	46.21	46.21	46.21
6969	-8.78	3.27	46.75	45.63	44.99	46.27	46.27	46.27
6970	-4.93	2.13	46.84	46.20	45.83	46.57	46.57	46.57
6971	-4.93	1.94	47.03	46.77	46.62	46.92	46.92	46.92
6972	-4.93	2.03	47.26	47.34	47.39	47.29	47.29	47.29
6973	-7.12	2.11	47.52	47.89	48.10	47.68	47.68	47.68
6974	-12.07	2.15	47.79	48.36	48.68	48.03	48.03	48.03
6975	-12.07	2.22	48.06	48.72	49.09	48.34	48.34	48.34
6976	-12.07	1.97	48.27	49.02	49.45	48.59	48.59	48.59
6977	-14.55	1.24	48.48	49.17	49.57	48.78	48.78	48.78
6978	-16.27	0.91	48.63	49.16	49.46	48.86	48.86	48.86
6979	-16.27	0.56	48.70	48.99	49.15	48.82	48.82	48.82
6980	-16.27	0.89	48.69	48.72	48.74	48.70	48.70	48.70
6981	-17.41	2.12	48.61	48.43	48.32	48.53	48.53	48.53
6982	-18.67	3.21	48.50	48.07	47.83	48.31	48.31	48.31
6983	-18.67	4.28	48.34	47.70	47.33	48.07	48.07	48.07
6984	-18.67	5.27	48.17	47.31	46.81	47.80	47.80	47.80
6985	-19.65	6.04	47.97	46.91	46.31	47.52	47.52	47.52
6986	-19.90	6.60	47.76	46.55	45.86	47.24	47.24	47.24
6987	-19.90	7.11	47.55	46.23	45.47	46.98	46.98	46.98
6988	-19.90	7.72	47.35	45.93	45.12	46.74	46.74	46.74
6989	-19.28	8.40	47.17	45.63	44.76	46.51	46.51	46.51
6990	-17.94	13.49	46.99	45.32	44.37	46.27	46.27	46.27
6991	-17.94	11.85	46.89	44.22	42.70	45.75	45.75	45.75

6992	-17.94	7.55	46.29	43.96	42.62	45.29	45.29	45.29
6993	-17.14	4.70	45.96	44.48	43.63	45.33	45.33	45.33
6994	-16.72	2.41	46.04	45.12	44.59	45.64	45.64	45.64
6995	-16.72	1.83	46.23	45.78	45.52	46.04	46.04	46.04
6996	-16.72	2.05	46.49	46.48	46.48	46.49	46.49	46.49
6997	-16.08	2.28	46.80	47.20	47.42	46.97	46.97	46.97
6998	-15.05	2.54	47.14	47.86	48.27	47.45	47.45	47.45
6999	-15.05	2.90	47.50	48.44	48.98	47.90	47.90	47.90
7000	-15.05	2.84	47.83	48.98	49.64	48.32	48.32	48.32
7001	-13.80	2.19	48.16	49.32	49.97	48.66	48.66	48.66
7002	-13.03	1.71	48.43	49.40	49.96	48.85	48.85	48.85
7003	-13.03	1.36	48.58	49.34	49.77	48.90	48.90	48.90
7004	-13.03	1.18	48.63	49.22	49.55	48.88	48.88	48.88
7005	-12.71	1.04	48.64	49.08	49.33	48.83	48.83	48.83
7006	-12.34	1.06	48.62	48.91	49.08	48.74	48.74	48.74
7007	-12.34	1.18	48.57	48.71	48.79	48.63	48.63	48.63
7008	-12.34	1.34	48.50	48.47	48.46	48.49	48.49	48.49
7009	-12.09	1.98	48.41	48.21	48.09	48.32	48.32	48.32
7010	-12.05	2.99	48.29	47.89	47.67	48.12	48.12	48.12
7011	-12.05	3.98	48.15	47.55	47.20	47.89	47.89	47.89
7012	-12.05	4.87	47.98	47.18	46.72	47.64	47.64	47.64
7013	-12.00	5.68	47.79	46.82	46.26	47.37	47.37	47.37
7014	-11.93	10.92	47.60	46.46	45.81	47.11	47.11	47.11
7015	-11.93	9.53	47.50	45.32	44.07	46.56	46.56	46.56
7016	-11.93	5.61	46.89	45.00	43.91	46.08	46.08	46.08
7017	-11.91	3.41	46.54	45.43	44.80	46.07	46.07	46.07
7018	-8.86	1.88	46.59	45.92	45.53	46.30	46.30	46.30
7019	-8.86	1.86	46.73	46.44	46.27	46.60	46.60	46.60
7020	-8.86	2.17	46.91	47.06	47.14	46.97	46.97	46.97
7021	-10.74	2.38	47.17	47.73	48.05	47.41	47.41	47.41
7022	-13.30	2.43	47.49	48.31	48.78	47.84	47.84	47.84
7023	-13.30	2.52	47.81	48.72	49.25	48.20	48.20	48.20
7024	-13.30	2.33	48.07	49.07	49.64	48.50	48.50	48.50
7025	-14.42	1.62	48.31	49.23	49.76	48.70	48.70	48.70
7026	-15.83	1.17	48.48	49.20	49.61	48.78	48.78	48.78
7027	-15.83	0.81	48.55	49.01	49.28	48.75	48.75	48.75
7028	-15.83	0.52	48.53	48.74	48.86	48.62	48.62	48.62
7029	-17.45	1.30	48.45	48.42	48.40	48.44	48.44	48.44
7030	-19.11	2.36	48.34	48.07	47.92	48.22	48.22	48.22

7031	-19.11	3.27	48.19	47.71	47.44	47.98	47.98	47.98
7032	-19.11	4.33	48.01	47.35	46.98	47.73	47.73	47.73
7033	-19.98	5.29	47.84	46.97	46.47	47.46	47.46	47.46
7034	-19.74	6.21	47.64	46.58	45.97	47.18	47.18	47.18
7035	-19.74	7.11	47.43	46.19	45.48	46.89	46.89	46.89
7036	-19.74	7.75	47.21	45.79	44.98	46.60	46.60	46.60
7037	-18.51	8.14	46.98	45.44	44.56	46.32	46.32	46.32
7038	-16.83	12.95	46.76	45.15	44.23	46.07	46.07	46.07
7039	-16.83	11.26	46.66	44.11	42.64	45.57	45.57	45.57
7040	-16.83	7.13	46.08	43.87	42.60	45.13	45.13	45.13
7041	-16.46	4.41	45.77	44.37	43.58	45.17	45.17	45.17
7042	-16.40	2.16	45.84	44.98	44.49	45.47	45.47	45.47
7043	-16.40	1.92	46.03	45.65	45.43	45.86	45.86	45.86
7044	-16.40	2.39	46.27	46.46	46.57	46.35	46.35	46.35
7045	-15.91	2.93	46.61	47.36	47.78	46.93	46.93	46.93
7046	-15.25	3.35	47.04	48.17	48.81	47.52	47.52	47.52
7047	-15.25	3.85	47.48	48.83	49.61	48.06	48.06	48.06
7048	-15.25	3.72	47.86	49.48	50.41	48.55	48.55	48.55
7049	-14.49	2.84	48.27	49.83	50.72	48.94	48.94	48.94
7050	-13.41	2.14	48.57	49.83	50.55	49.11	49.11	49.11
7051	-13.41	1.60	48.71	49.66	50.20	49.12	49.12	49.12
7052	-13.41	1.27	48.73	49.44	49.84	49.03	49.03	49.03
7053	-12.14	1.01	48.69	49.22	49.52	48.92	48.92	48.92
7054	-10.89	0.91	48.63	48.97	49.16	48.78	48.78	48.78
7055	-10.89	0.96	48.54	48.72	48.82	48.62	48.62	48.62
7056	-10.89	1.10	48.44	48.50	48.54	48.47	48.47	48.47
7057	-10.07	1.30	48.34	48.27	48.23	48.31	48.31	48.31
7058	-9.46	1.65	48.23	48.05	47.94	48.15	48.15	48.15
7059	-9.46	1.98	48.11	47.83	47.67	47.99	47.99	47.99
7060	-9.46	2.31	48.00	47.62	47.41	47.84	47.84	47.84
7061	-8.80	2.68	47.88	47.42	47.16	47.69	47.69	47.69
7062	-8.74	7.52	47.77	47.23	46.92	47.54	47.54	47.54
7063	-8.74	6.20	47.76	46.25	45.39	47.11	47.11	47.11
7064	-8.74	3.57	47.24	46.09	45.43	46.75	46.75	46.75
7065	-9.04	3.12	46.98	46.72	46.57	46.87	46.87	46.87
7066	-6.36	3.33	47.11	47.61	47.89	47.32	47.32	47.32
7067	-6.36	3.54	47.45	48.44	49.01	47.88	47.88	47.88
7068	-6.36	3.81	47.84	49.15	49.89	48.40	48.40	48.40
7069	-8.75	3.99	48.21	49.71	50.56	48.85	48.85	48.85



7070	-11.65	4.13	48.54	50.16	51.09	49.24	49.24	49.24
7071	-11.65	4.27	48.83	50.55	51.53	49.57	49.57	49.57
7072	-11.65	4.02	49.08	50.89	51.93	49.86	49.86	49.86
7073	-13.31	3.28	49.34	51.03	51.99	50.06	50.06	50.06
7074	-15.04	2.74	49.51	50.95	51.78	50.13	50.13	50.13
7075	-15.04	2.23	49.57	50.77	51.46	50.08	50.08	50.08
7076	-15.04	1.80	49.56	50.54	51.10	49.98	49.98	49.98
7077	-17.31	1.40	49.50	50.29	50.75	49.84	49.84	49.84
7078	-19.77	1.13	49.42	50.02	50.36	49.67	49.67	49.67
7079	-19.77	1.03	49.31	49.72	49.95	49.48	49.48	49.48
7080	-19.77	0.93	49.18	49.39	49.51	49.27	49.27	49.27
7081	-21.09	1.10	49.03	49.05	49.05	49.04	49.04	49.04
7082	-21.05	1.42	48.86	48.75	48.69	48.81	48.81	48.81
7083	-21.05	1.80	48.68	48.55	48.47	48.63	48.63	48.63
7084	-21.05	2.12	48.55	48.38	48.28	48.48	48.48	48.48
7085	-19.91	2.38	48.44	48.22	48.10	48.35	48.35	48.35
7086	-18.28	2.60	48.34	48.07	47.92	48.22	48.22	48.22
7087	-18.28	7.34	48.24	47.93	47.75	48.11	48.11	48.11
7088	-18.28	7.86	48.23	47.09	46.43	47.74	47.74	47.74
7089	-17.84	7.08	47.80	46.83	46.28	47.38	47.38	47.38
7090	-17.84	6.34	47.54	47.15	46.92	47.37	47.37	47.37
7091	-17.84	5.70	47.56	47.66	47.71	47.60	47.60	47.60
7092	-17.84	5.70	47.73	48.17	48.43	47.92	47.92	47.92
7093	-17.61	4.78	47.92	48.75	49.22	48.28	48.28	48.28
7094	-17.14	3.39	48.17	49.40	50.10	48.70	48.70	48.70
7095	-17.14	3.40	48.49	50.00	50.86	49.14	49.14	49.14
7096	-17.14	3.25	48.83	50.34	51.20	49.48	49.48	49.48
7097	-16.41	2.94	49.08	50.51	51.33	49.69	49.69	49.69
7098	-15.45	2.83	49.25	50.54	51.29	49.80	49.80	49.80
7099	-15.45	2.81	49.33	50.58	51.29	49.86	49.86	49.86
7100	-15.45	2.86	49.39	50.61	51.30	49.91	49.91	49.91
7101	-14.57	2.93	49.45	50.61	51.27	49.95	49.95	49.95
7102	-13.65	3.27	49.49	50.59	51.22	49.96	49.96	49.96
7103	-13.65	3.86	49.50	50.61	51.24	49.98	49.98	49.98
7104	-13.65	4.39	49.52	50.72	51.41	50.03	50.03	50.03
7105	-12.79	4.75	49.57	50.89	51.64	50.14	50.14	50.14
7106	-12.13	4.93	49.66	51.06	51.85	50.26	50.26	50.26
7107	-12.13	5.11	49.77	51.16	51.96	50.36	50.36	50.36
7108	-12.13	5.19	49.84	51.25	52.05	50.45	50.45	50.45

7109	-11.48	5.20	49.92	51.28	52.06	50.50	50.50	50.50
7110	-11.10	5.22	49.97	51.25	51.98	50.52	50.52	50.52
7111	-11.10	4.62	49.99	51.18	51.85	50.50	50.50	50.50
7112	-11.10	3.27	50.01	50.86	51.34	50.37	50.37	50.37
7113	-11.08	2.60	49.93	50.30	50.52	50.09	50.09	50.09
7114	-11.01	2.54	49.69	49.86	49.95	49.76	49.76	49.76
7115	-11.01	2.68	49.45	49.66	49.79	49.54	49.54	49.54
7116	-11.01	2.81	49.29	49.69	49.91	49.46	49.46	49.46
7117	-9.81	2.80	49.24	49.81	50.14	49.48	49.48	49.48
7118	-12.25	2.72	49.26	49.92	50.30	49.54	49.54	49.54
7119	-12.25	2.71	49.30	49.95	50.32	49.58	49.58	49.58
7120	-12.25	2.54	49.31	49.94	50.30	49.58	49.58	49.58
7121	-15.09	2.36	49.32	49.82	50.11	49.54	49.54	49.54
7122	-17.11	2.55	49.30	49.55	49.69	49.40	49.40	49.40
7123	-17.11	2.77	49.20	49.13	49.09	49.17	49.17	49.17
7124	-17.11	3.48	49.03	48.61	48.37	48.85	48.85	48.85
7125	-18.22	4.68	48.78	48.08	47.67	48.48	48.48	48.48
7126	-19.25	5.52	48.51	47.56	47.02	48.10	48.10	48.10
7127	-19.25	5.93	48.22	47.11	46.47	47.75	47.75	47.75
7128	-19.25	6.29	47.95	46.75	46.07	47.44	47.44	47.44
7129	-19.83	6.68	47.71	46.45	45.73	47.17	47.17	47.17
7130	-20.25	7.11	47.50	46.16	45.40	46.93	46.93	46.93
7131	-20.25	7.53	47.30	45.89	45.08	46.70	46.70	46.70
7132	-20.25	8.00	47.11	45.62	44.76	46.47	46.47	46.47
7133	-20.53	8.53	46.93	45.34	44.44	46.25	46.25	46.25
7134	-20.31	13.50	46.75	45.06	44.09	46.02	46.02	46.02
7135	-20.31	11.68	46.66	44.00	42.47	45.52	45.52	45.52
7136	-20.31	6.82	46.07	43.77	42.46	45.08	45.08	45.08
7137	-19.59	3.76	45.74	44.40	43.64	45.17	45.17	45.17
7138	-18.84	1.98	45.86	45.12	44.70	45.54	45.54	45.54
7139	-18.84	2.10	46.09	45.86	45.73	45.99	45.99	45.99
7140	-18.84	2.31	46.38	46.65	46.81	46.50	46.50	46.50
7141	-18.22	2.35	46.75	47.38	47.75	47.02	47.02	47.02
7142	-17.33	2.31	47.13	47.93	48.38	47.47	47.47	47.47
7143	-17.33	2.39	47.45	48.31	48.79	47.82	47.82	47.82
7144	-17.33	2.23	47.70	48.63	49.16	48.10	48.10	48.10
7145	-15.99	1.62	47.93	48.81	49.32	48.31	48.31	48.31
7146	-14.56	1.24	48.10	48.83	49.24	48.41	48.41	48.41
7147	-14.56	0.92	48.19	48.71	49.01	48.42	48.42	48.42

7148	-14.56	0.58	48.21	48.49	48.65	48.33	48.33	48.33
7149	-13.39	0.94	48.17	48.21	48.23	48.18	48.18	48.18
7150	-12.19	1.50	48.07	47.88	47.77	47.99	47.99	47.99
7151	-12.19	1.63	47.92	47.62	47.45	47.80	47.80	47.80
7152	-12.19	1.77	47.79	47.46	47.27	47.65	47.65	47.65
7153	-11.62	1.98	47.69	47.33	47.13	47.54	47.54	47.54
7154	-11.93	2.17	47.61	47.21	46.98	47.44	47.44	47.44
7155	-11.93	2.32	47.53	47.10	46.85	47.35	47.35	47.35
7156	-11.93	2.54	47.46	46.99	46.73	47.26	47.26	47.26
7157	-12.14	2.84	47.39	46.89	46.60	47.18	47.18	47.18
7158	-12.07	7.55	47.33	46.76	46.43	47.08	47.08	47.08
7159	-12.07	6.34	47.35	45.85	44.98	46.71	46.71	46.71
7160	-12.07	3.95	46.88	45.63	44.91	46.34	46.34	46.34
7161	-11.75	3.28	46.65	45.96	45.57	46.35	46.35	46.35
7162	-11.41	2.79	46.70	46.29	46.05	46.52	46.52	46.52
7163	-11.41	2.50	46.79	46.69	46.64	46.75	46.75	46.75
7164	-11.41	2.48	46.93	47.20	47.36	47.05	47.05	47.05
7165	-12.32	2.52	47.15	47.73	48.06	47.40	47.40	47.40
7166	-14.55	2.52	47.40	48.20	48.65	47.74	47.74	47.74
7167	-14.55	2.56	47.66	48.55	49.07	48.04	48.04	48.04
7168	-14.55	2.39	47.87	48.87	49.43	48.30	48.30	48.30
7169	-16.70	1.54	48.09	48.98	49.49	48.47	48.47	48.47
7170	-18.29	1.07	48.23	48.91	49.30	48.52	48.52	48.52
7171	-18.29	0.66	48.28	48.67	48.89	48.45	48.45	48.45
7172	-18.29	0.94	48.23	48.33	48.39	48.28	48.28	48.28
7173	-19.83	2.40	48.12	47.93	47.83	48.04	48.04	48.04
7174	-21.32	3.73	47.96	47.48	47.20	47.76	47.76	47.76
7175	-21.32	4.90	47.76	47.01	46.58	47.44	47.44	47.44
7176	-21.32	6.00	47.53	46.55	45.99	47.11	47.11	47.11
7177	-22.08	7.05	47.29	46.09	45.41	46.78	46.78	46.78
7178	-22.18	8.09	47.04	45.64	44.84	46.44	46.44	46.44
7179	-22.18	9.10	46.79	45.18	44.27	46.10	46.10	46.10
7180	-22.18	9.80	46.53	44.73	43.70	45.76	45.76	45.76
7181	-22.18	10.17	46.25	44.32	43.22	45.43	45.43	45.43
7182	-22.02	14.95	45.99	44.00	42.86	45.14	45.14	45.14
7183	-22.02	13.20	45.87	42.94	41.27	44.61	44.61	44.61
7184	-22.02	9.05	45.26	42.69	41.22	44.16	44.16	44.16
7185	-21.75	6.28	44.94	43.18	42.18	44.18	44.18	44.18
7186	-21.50	3.83	44.99	43.77	43.08	44.47	44.47	44.47

7187	-21.50	1.90	45.16	44.42	43.99	44.84	44.84	44.84
7188	-21.50	1.69	45.40	45.06	44.87	45.26	45.26	45.26
7189	-20.99	1.80	45.68	45.74	45.77	45.71	45.71	45.71
7190	-20.07	1.88	46.01	46.33	46.52	46.14	46.14	46.14
7191	-20.07	2.01	46.33	46.78	47.03	46.52	46.52	46.52
7192	-20.07	1.97	46.59	47.16	47.48	46.83	46.83	46.83
7193	-19.04	1.07	46.85	47.35	47.63	47.06	47.06	47.06
7194	-18.06	0.79	47.02	47.42	47.66	47.19	47.19	47.19
7195	-18.06	0.53	47.14	47.33	47.44	47.22	47.22	47.22
7196	-18.06	1.35	47.17	47.13	47.11	47.15	47.15	47.15
7197	-17.04	2.69	47.13	46.86	46.70	47.01	47.01	47.01
7198	-16.15	3.86	47.05	46.51	46.21	46.82	46.82	46.82
7199	-16.15	4.69	46.91	46.14	45.70	46.58	46.58	46.58
7200	-16.15	5.43	46.74	45.80	45.27	46.34	46.34	46.34
7201	-15.10	6.44	46.56	45.49	44.88	46.10	46.10	46.10
7202	-14.29	7.71	46.40	45.13	44.40	45.86	45.86	45.86
7203	-14.29	8.98	46.22	44.70	43.83	45.57	45.57	45.57
7204	-14.29	9.79	46.00	44.23	43.22	45.24	45.24	45.24
7205	-13.51	10.07	45.74	43.82	42.73	44.92	44.92	44.92
7206	-12.83	14.74	45.49	43.52	42.40	44.65	44.65	44.65
7207	-12.83	12.85	45.38	42.51	40.87	44.15	44.15	44.15
7208	-12.83	8.68	44.80	42.31	40.89	43.74	43.74	43.74
7209	-12.34	5.79	44.51	42.83	41.87	43.79	43.79	43.79
7210	-11.83	3.13	44.59	43.47	42.83	44.11	44.11	44.11
7211	-11.83	2.11	44.78	44.19	43.85	44.53	44.53	44.53
7212	-11.83	2.19	45.05	45.01	44.98	45.03	45.03	45.03
7213	-12.51	2.34	45.41	45.85	46.10	45.60	45.60	45.60
7214	-14.87	2.42	45.83	46.57	46.99	46.15	46.15	46.15
7215	-14.87	2.54	46.23	47.09	47.59	46.60	46.60	46.60
7216	-14.87	2.48	46.56	47.54	48.10	46.98	46.98	46.98
7217	-16.67	1.84	46.87	47.80	48.34	47.27	47.27	47.27
7218	-18.22	1.47	47.09	47.91	48.39	47.44	47.44	47.44
7219	-18.22	1.29	47.24	47.90	48.27	47.52	47.52	47.52
7220	-18.22	1.19	47.31	47.83	48.13	47.54	47.54	47.54
7221	-19.80	1.23	47.34	47.78	48.03	47.53	47.53	47.53
7222	-21.41	1.41	47.36	47.69	47.87	47.50	47.50	47.50
7223	-21.41	1.65	47.35	47.61	47.76	47.46	47.46	47.46
7224	-21.41	1.92	47.33	47.57	47.71	47.43	47.43	47.43
7225	-22.64	2.27	47.32	47.54	47.67	47.42	47.42	47.42

7226	-23.56	2.61	47.31	47.57	47.71	47.42	47.42	47.42
7227	-23.56	2.89	47.32	47.68	47.89	47.47	47.47	47.47
7228	-23.56	3.47	47.36	47.85	48.12	47.57	47.57	47.57
7229	-24.45	4.22	47.43	48.14	48.55	47.73	47.73	47.73
7230	-23.98	9.06	47.55	48.54	49.10	47.98	47.98	47.98
7231	-23.98	8.03	47.86	48.03	48.13	47.93	47.93	47.93
7232	-23.98	6.24	47.64	48.14	48.43	47.86	47.86	47.86
7233	-21.82	5.92	47.60	48.92	49.67	48.16	48.16	48.16
7234	-19.73	5.71	47.92	49.63	50.61	48.65	48.65	48.65
7235	-19.73	5.71	48.27	50.23	51.35	49.11	49.11	49.11
7236	-19.73	5.82	48.60	50.75	51.98	49.53	49.53	49.53
7237	-17.87	5.88	48.92	51.22	52.53	49.90	49.90	49.90
7238	-16.31	5.85	49.21	51.62	52.99	50.24	50.24	50.24
7239	-16.31	5.70	49.49	51.91	53.30	50.53	50.53	50.53
7240	-16.31	4.71	49.72	52.11	53.47	50.74	50.74	50.74
7241	-15.04	2.53	49.94	51.90	53.02	50.78	50.78	50.78
7242	-14.12	0.80	50.03	51.13	51.76	50.50	50.50	50.50
7243	-14.12	0.93	49.83	50.00	50.11	49.90	49.90	49.90
7244	-14.12	1.69	49.35	49.16	49.05	49.27	49.27	49.27
7245	-13.53	2.68	48.92	48.58	48.38	48.77	48.77	48.77
7246	-13.04	3.54	48.59	48.05	47.74	48.36	48.36	48.36
7247	-13.04	4.23	48.28	47.57	47.16	47.97	47.97	47.97
7248	-13.04	4.85	47.99	47.14	46.65	47.63	47.63	47.63
7249	-12.20	5.38	47.73	46.75	46.20	47.31	47.31	47.31
7250	-11.43	5.81	47.48	46.40	45.79	47.02	47.02	47.02
7251	-11.43	6.19	47.24	46.09	45.42	46.75	46.75	46.75
7252	-11.43	6.62	47.03	45.80	45.10	46.50	46.50	46.50
7253	-11.06	7.14	46.84	45.52	44.77	46.27	46.27	46.27
7254	-10.69	7.65	46.65	45.23	44.43	46.04	46.04	46.04
7255	-10.69	12.44	46.46	44.95	44.08	45.81	45.81	45.81
7256	-10.69	12.92	46.37	43.91	42.51	45.32	45.32	45.32
7257	-10.49	12.11	45.84	43.30	41.86	44.75	44.75	44.75
7258	-7.01	11.51	45.43	43.06	41.72	44.41	44.41	44.41
7259	-7.01	11.04	45.19	42.95	41.67	44.23	44.23	44.23
7260	-7.01	10.71	45.02	42.88	41.66	44.10	44.10	44.10
7261	-7.83	7.46	44.90	42.83	41.64	44.01	44.01	44.01
7262	-10.11	4.94	44.74	43.30	42.47	44.12	44.12	44.12
7263	-10.11	5.72	44.84	43.89	43.34	44.43	44.43	44.43
7264	-10.11	6.20	45.11	44.00	43.36	44.63	44.63	44.63

7265	-11.16	6.62	45.19	43.98	43.29	44.67	44.67	44.67
7266	-11.78	7.00	45.20	43.91	43.17	44.64	44.64	44.64
7267	-11.78	7.25	45.17	43.81	43.03	44.59	44.59	44.59
7268	-11.78	7.35	45.12	43.71	42.90	44.52	44.52	44.52
7269	-12.41	7.39	45.06	43.63	42.82	44.45	44.45	44.45
7270	-13.28	7.40	45.01	43.57	42.75	44.39	44.39	44.39
7271	-13.28	7.41	44.96	43.52	42.70	44.34	44.34	44.34
7272	-13.28	7.41	44.91	43.47	42.65	44.30	44.30	44.30
7273	-13.33	7.48	44.87	43.43	42.61	44.25	44.25	44.25
7274	-12.21	7.63	44.83	43.38	42.55	44.21	44.21	44.21
7275	-12.21	7.78	44.80	43.32	42.47	44.16	44.16	44.16
7276	-12.21	7.79	44.75	43.24	42.38	44.10	44.10	44.10
7277	-10.44	7.63	44.69	43.19	42.32	44.05	44.05	44.05
7278	-9.06	7.46	44.65	43.17	42.32	44.01	44.01	44.01
7279	-9.06	7.39	44.61	43.17	42.34	43.99	43.99	43.99
7280	-9.06	7.45	44.59	43.16	42.35	43.98	43.98	43.98
7281	-8.30	7.45	44.58	43.13	42.31	43.96	43.96	43.96
7282	-7.42	7.18	44.55	43.11	42.29	43.93	43.93	43.93
7283	-7.42	6.74	44.52	43.13	42.34	43.92	43.92	43.92
7284	-7.42	6.36	44.51	43.20	42.46	43.95	43.95	43.95
7285	-6.54	6.04	44.52	43.29	42.59	43.99	43.99	43.99
7286	-5.87	5.81	44.54	43.38	42.71	44.04	44.04	44.04
7287	-5.87	5.64	44.58	43.45	42.81	44.10	44.10	44.10
7288	-5.87	5.77	44.61	43.52	42.89	44.14	44.14	44.14
7289	-5.28	6.24	44.65	43.53	42.89	44.17	44.17	44.17
7290	-4.72	6.75	44.67	43.46	42.77	44.15	44.15	44.15
7291	-4.72	7.02	44.65	43.34	42.59	44.09	44.09	44.09
7292	-4.72	7.00	44.59	43.23	42.46	44.01	44.01	44.01
7293	-4.23	6.90	44.53	43.18	42.41	43.95	43.95	43.95
7294	-3.65	6.73	44.49	43.16	42.40	43.92	43.92	43.92
7295	-3.65	6.48	44.46	43.16	42.42	43.91	43.91	43.91
7296	-3.65	6.18	44.45	43.19	42.48	43.91	43.91	43.91
7297	-3.38	5.69	44.44	43.25	42.57	43.93	43.93	43.93
7298	-3.43	5.16	44.45	43.35	42.72	43.98	43.98	43.98
7299	-3.43	4.84	44.48	43.49	42.92	44.06	44.06	44.06
7300	-3.43	4.72	44.54	43.60	43.07	44.14	44.14	44.14
7301	-3.38	4.84	44.59	43.78	43.32	44.24	44.24	44.24
7302	-3.03	9.65	44.65	44.09	43.77	44.41	44.41	44.41
7303	-3.03	8.54	44.89	43.62	42.90	44.35	44.35	44.35

7304	-3.03	6.56	44.65	43.84	43.37	44.30	44.30	44.30
7305	-2.62	5.59	44.63	44.78	44.87	44.69	44.69	44.69
7306	2.08	4.95	44.99	45.77	46.21	45.32	45.32	45.32
7307	2.08	4.74	45.44	46.73	47.47	46.00	46.00	46.00
7308	2.08	4.36	45.94	47.57	48.50	46.64	46.64	46.64
7309	1.90	4.02	46.44	48.10	49.04	47.15	47.15	47.15
7310	-0.32	3.95	46.83	48.39	49.29	47.50	47.50	47.50
7311	-0.32	3.76	47.08	48.66	49.56	47.76	47.76	47.76
7312	-0.32	3.66	47.31	48.85	49.73	47.97	47.97	47.97
7313	-0.72	3.14	47.49	49.02	49.89	48.15	48.15	48.15
7314	-0.86	2.42	47.66	49.06	49.86	48.26	48.26	48.26
7315	-0.86	1.60	47.79	48.87	49.49	48.26	48.26	48.26
7316	-0.86	1.28	47.81	48.52	48.93	48.11	48.11	48.11
7317	-1.15	1.50	47.70	48.24	48.55	47.93	47.93	47.93
7318	-1.37	2.11	47.58	48.19	48.53	47.84	47.84	47.84
7319	-1.37	2.34	47.53	48.33	48.79	47.87	47.87	47.87
7320	-1.37	2.22	47.60	48.39	48.84	47.93	47.93	47.93
7321	-1.25	2.41	47.67	48.19	48.49	47.89	47.89	47.89
7322	-0.83	2.82	47.61	47.99	48.20	47.77	47.77	47.77
7323	-0.83	3.13	47.53	47.82	47.99	47.66	47.66	47.66
7324	-0.83	3.38	47.46	47.65	47.75	47.54	47.54	47.54
7325	-0.13	3.75	47.38	47.47	47.53	47.42	47.42	47.42
7326	0.04	8.42	47.29	47.39	47.45	47.33	47.33	47.33
7327	0.04	7.65	47.34	46.49	46.01	46.98	46.98	46.98
7328	0.04	6.45	46.86	46.51	46.31	46.71	46.71	46.71
7329	-0.41	6.31	46.67	47.51	47.99	47.03	47.03	47.03
7330	-0.31	5.92	47.01	48.45	49.26	47.63	47.63	47.63
7331	-0.31	5.32	47.44	49.17	50.15	48.18	48.18	48.18
7332	-0.31	4.77	47.86	49.47	50.39	48.55	48.55	48.55
7333	-0.16	4.59	48.12	49.48	50.25	48.70	48.70	48.70
7334	-0.02	4.51	48.21	49.50	50.24	48.76	48.76	48.76
7335	-0.02	4.37	48.28	49.57	50.31	48.83	48.83	48.83
7336	-0.02	4.52	48.36	49.56	50.25	48.88	48.88	48.88
7337	0.46	3.38	48.39	49.62	50.32	48.92	48.92	48.92
7338	0.65	3.56	48.43	49.84	50.65	49.03	49.03	49.03
7339	0.65	3.84	48.54	50.03	50.88	49.18	49.18	49.18
7340	0.65	4.24	48.65	50.26	51.18	49.34	49.34	49.34
7341	0.67	4.69	48.79	50.46	51.41	49.50	49.50	49.50
7342	0.69	5.23	48.92	50.60	51.57	49.64	49.64	49.64

7343	0.69	6.04	49.02	50.80	51.82	49.78	49.78	49.78
7344	0.69	6.78	49.12	51.18	52.35	50.00	50.00	50.00
7345	0.79	7.20	49.31	51.63	52.95	50.30	50.30	50.30
7346	0.78	7.62	49.56	52.00	53.40	50.60	50.60	50.60
7347	0.78	8.27	49.78	52.34	53.81	50.88	50.88	50.88
7348	0.78	7.17	49.98	52.78	54.37	51.18	51.18	51.18
7349	0.74	5.82	50.33	52.52	53.77	51.26	51.26	51.26
7350	0.95	10.06	50.39	51.71	52.47	50.95	50.95	50.95
7351	0.95	8.51	50.20	50.32	50.39	50.25	50.25	50.25
7352	0.95	6.56	49.56	49.65	49.70	49.60	49.60	49.60
7353	1.33	6.05	49.11	49.80	50.20	49.40	49.40	49.40
7354	5.82	5.47	49.06	50.00	50.54	49.46	49.46	49.46
7355	5.82	5.19	49.09	50.15	50.76	49.54	49.54	49.54
7356	5.82	5.06	49.12	50.39	51.11	49.66	49.66	49.66
7357	5.09	5.01	49.20	50.63	51.45	49.82	49.82	49.82
7358	2.34	5.35	49.32	50.84	51.70	49.97	49.97	49.97
7359	2.34	5.42	49.40	51.18	52.19	50.16	50.16	50.16
7360	2.34	5.36	49.59	51.36	52.37	50.35	50.35	50.35
7361	1.29	4.24	49.72	51.36	52.30	50.43	50.43	50.43
7362	0.49	2.92	49.75	51.54	52.56	50.51	50.51	50.51
7363	0.49	1.67	49.93	51.05	51.69	50.41	50.41	50.41
7364	0.49	1.97	49.81	50.29	50.57	50.02	50.02	50.02
7365	0.07	2.39	49.49	49.73	49.86	49.59	49.59	49.59
7366	-0.18	2.84	49.22	49.18	49.15	49.20	49.20	49.20
7367	-0.18	3.42	48.95	48.56	48.33	48.78	48.78	48.78
7368	-0.18	4.26	48.63	47.94	47.54	48.33	48.33	48.33
7369	-0.44	4.90	48.28	47.42	46.93	47.92	47.92	47.92
7370	-0.67	5.19	47.97	46.99	46.42	47.55	47.55	47.55
7371	-0.67	5.59	47.69	46.64	46.05	47.24	47.24	47.24
7372	-0.67	6.10	47.45	46.33	45.69	46.97	46.97	46.97
7373	-0.55	6.43	47.23	46.01	45.32	46.71	46.71	46.71
7374	-0.96	11.11	47.01	45.73	45.00	46.46	46.46	46.46
7375	-0.96	10.16	46.91	44.71	43.45	45.96	45.96	45.96
7376	-0.96	8.00	46.34	44.34	43.19	45.48	45.48	45.48
7377	-1.64	7.27	46.01	44.44	43.54	45.34	45.34	45.34
7378	-1.68	6.66	45.93	44.51	43.69	45.32	45.32	45.32
7379	-1.68	6.26	45.88	44.57	43.82	45.32	45.32	45.32
7380	-1.68	6.12	45.84	44.62	43.91	45.32	45.32	45.32
7381	-1.76	5.99	45.82	44.62	43.94	45.31	45.31	45.31



7382	-2.07	5.61	45.79	44.62	43.94	45.29	45.29	45.29
7383	-2.07	5.70	45.75	44.65	44.02	45.28	45.28	45.28
7384	-2.07	4.61	45.74	44.63	43.99	45.26	45.26	45.26
7385	-2.13	2.68	45.69	44.78	44.27	45.30	45.30	45.30
7386	-2.28	3.21	45.69	45.17	44.87	45.47	45.47	45.47
7387	-2.28	4.21	45.87	45.24	44.88	45.60	45.60	45.60
7388	-2.28	5.96	45.94	45.11	44.64	45.58	45.58	45.58
7389	-2.54	6.88	45.92	44.75	44.08	45.42	45.42	45.42
7390	-2.83	7.31	45.78	44.43	43.65	45.20	45.20	45.20
7391	-2.83	7.80	45.61	44.18	43.36	44.99	44.99	44.99
7392	-2.83	8.45	45.46	43.94	43.07	44.81	44.81	44.81
7393	-2.88	8.60	45.33	43.68	42.73	44.62	44.62	44.62
7394	-2.68	8.33	45.16	43.49	42.53	44.44	44.44	44.44
7395	-2.68	8.26	45.02	43.40	42.48	44.32	44.32	44.32
7396	-2.68	8.52	44.93	43.33	42.41	44.24	44.24	44.24
7397	-2.51	9.12	44.86	43.21	42.26	44.15	44.15	44.15
7398	-2.35	13.98	44.78	43.01	42.00	44.02	44.02	44.02
7399	-2.35	13.02	44.76	42.06	40.51	43.60	43.60	43.60
7400	-2.35	9.89	44.26	41.75	40.32	43.19	43.19	43.19
7401	-2.21	6.72	43.97	42.07	40.99	43.15	43.15	43.15
7402	2.19	4.35	43.96	42.67	41.93	43.41	43.41	43.41
7403	2.19	2.29	44.14	43.30	42.83	43.78	43.78	43.78
7404	2.19	1.66	44.38	43.95	43.70	44.20	44.20	44.20
7405	1.13	1.75	44.66	44.65	44.64	44.66	44.66	44.66
7406	-2.53	1.75	45.00	45.28	45.44	45.12	45.12	45.12
7407	-2.53	1.71	45.35	45.73	45.95	45.51	45.51	45.51
7408	-2.53	1.77	45.64	46.03	46.25	45.80	45.80	45.80
7409	-4.39	0.95	45.86	46.18	46.37	46.00	46.00	46.00
7410	-5.34	0.64	46.00	46.33	46.51	46.14	46.14	46.14
7411	-5.34	1.52	46.16	46.18	46.18	46.17	46.17	46.17
7412	-5.34	3.15	46.18	45.88	45.71	46.05	46.05	46.05
7413	-5.84	4.69	46.11	45.49	45.13	45.84	45.84	45.84
7414	-6.10	5.84	45.97	45.04	44.52	45.57	45.57	45.57
7415	-6.10	6.70	45.77	44.63	43.97	45.28	45.28	45.28
7416	-6.10	7.47	45.57	44.26	43.50	45.01	45.01	45.01
7417	-6.03	8.33	45.37	43.91	43.07	44.74	44.74	44.74
7418	-5.98	8.99	45.18	43.55	42.63	44.48	44.48	44.48
7419	-5.98	9.60	44.98	43.23	42.23	44.23	44.23	44.23
7420	-5.98	10.32	44.78	42.92	41.86	43.98	43.98	43.98

7421	-5.82	10.71	44.60	42.60	41.46	43.74	43.74	43.74
7422	-5.54	11.10	44.40	42.33	41.15	43.51	43.51	43.51
7423	-5.54	15.96	44.22	42.08	40.86	43.30	43.30	43.30
7424	-5.54	15.83	44.15	41.08	39.33	42.84	42.84	42.84
7425	-5.20	13.69	43.63	40.60	38.87	42.33	42.33	42.33
7426	-4.65	11.88	43.26	40.65	39.17	42.14	42.14	42.14
7427	-4.65	10.06	43.14	40.88	39.60	42.17	42.17	42.17
7428	-4.65	8.41	43.13	41.22	40.13	42.31	42.31	42.31
7429	-4.46	4.92	43.20	41.61	40.69	42.52	42.52	42.52
7430	-4.52	1.75	43.29	42.35	41.82	42.89	42.89	42.89
7431	-4.52	1.58	43.56	43.23	43.04	43.42	43.42	43.42
7432	-4.52	1.86	44.00	43.70	43.52	43.87	43.87	43.87
7433	-4.61	2.96	44.30	43.94	43.73	44.14	44.14	44.14
7434	-4.48	4.38	44.50	43.93	43.60	44.26	44.26	44.26
7435	-4.48	5.51	44.59	43.74	43.26	44.23	44.23	44.23
7436	-4.48	6.22	44.57	43.50	42.89	44.11	44.11	44.11
7437	-4.25	6.83	44.49	43.29	42.60	43.97	43.97	43.97
7438	-3.96	7.53	44.40	43.08	42.33	43.84	43.84	43.84
7439	-3.96	7.93	44.31	42.86	42.02	43.69	43.69	43.69
7440	-3.96	7.97	44.20	42.67	41.79	43.54	43.54	43.54
7441	-3.49	8.24	44.08	42.55	41.67	43.43	43.43	43.43
7442	-2.85	8.51	44.01	42.42	41.52	43.33	43.33	43.33
7443	-2.85	8.60	43.93	42.29	41.36	43.23	43.23	43.23
7444	-2.85	8.52	43.84	42.19	41.25	43.14	43.14	43.14
7445	-2.15	8.29	43.77	42.14	41.20	43.07	43.07	43.07
7446	-1.46	8.33	43.71	42.12	41.22	43.03	43.03	43.03
7447	-1.46	8.55	43.68	42.09	41.17	43.00	43.00	43.00
7448	-1.46	8.36	43.65	42.01	41.08	42.95	42.95	42.95
7449	-0.99	7.89	43.60	42.00	41.08	42.91	42.91	42.91
7450	-0.62	7.18	43.56	42.05	41.19	42.91	42.91	42.91
7451	-0.62	6.44	43.55	42.18	41.39	42.96	42.96	42.96
7452	-0.62	6.14	43.58	42.35	41.65	43.06	43.06	43.06
7453	3.11	6.08	43.65	42.48	41.81	43.15	43.15	43.15
7454	2.37	5.94	43.72	42.55	41.88	43.22	43.22	43.22
7455	2.37	5.79	43.76	42.62	41.97	43.27	43.27	43.27
7456	2.37	5.65	43.79	42.68	42.05	43.32	43.32	43.32
7457	0.37	5.73	43.83	42.74	42.12	43.36	43.36	43.36
7458	-1.17	6.05	43.86	42.76	42.13	43.39	43.39	43.39
7459	-1.17	6.35	43.89	42.73	42.06	43.39	43.39	43.39

7460	-1.17	6.76	43.88	42.66	41.97	43.36	43.36	43.36
7461	-2.73	7.17	43.87	42.57	41.82	43.31	43.31	43.31
7462	-4.15	7.39	43.83	42.45	41.66	43.24	43.24	43.24
7463	-4.15	7.45	43.77	42.35	41.54	43.16	43.16	43.16
7464	-4.15	7.48	43.71	42.29	41.47	43.10	43.10	43.10
7465	-5.26	7.51	43.67	42.23	41.41	43.05	43.05	43.05
7466	-6.15	7.71	43.63	42.19	41.37	43.01	43.01	43.01
7467	-6.15	7.75	43.60	42.13	41.28	42.97	42.97	42.97
7468	-6.15	7.60	43.56	42.08	41.23	42.92	42.92	42.92
7469	-6.24	7.78	43.52	42.06	41.23	42.90	42.90	42.90
7470	-6.32	12.76	43.50	42.02	41.17	42.87	42.87	42.87
7471	-6.32	11.96	43.58	41.14	39.75	42.53	42.53	42.53
7472	-6.32	9.13	43.15	40.87	39.57	42.17	42.17	42.17
7473	-6.24	6.47	42.90	41.17	40.18	42.16	42.16	42.16
7474	-6.16	4.21	42.92	41.69	40.99	42.39	42.39	42.39
7475	-6.16	2.60	43.09	42.28	41.83	42.74	42.74	42.74
7476	-6.16	1.57	43.33	42.84	42.55	43.12	43.12	43.12
7477	-5.58	1.33	43.60	43.32	43.16	43.48	43.48	43.48
7478	-4.59	1.33	43.86	43.75	43.69	43.81	43.81	43.81
7479	-4.59	1.48	44.10	44.15	44.17	44.12	44.12	44.12
7480	-4.59	1.74	44.33	44.51	44.61	44.41	44.41	44.41
7481	-3.89	0.72	44.57	44.69	44.77	44.62	44.62	44.62
7482	-3.58	0.52	44.72	44.89	44.98	44.79	44.79	44.79
7483	-3.58	0.84	44.88	44.89	44.89	44.89	44.89	44.89
7484	-3.58	1.74	44.96	44.80	44.70	44.89	44.89	44.89
7485	-3.46	2.37	44.98	44.64	44.44	44.83	44.83	44.83
7486	-3.17	3.40	44.94	44.48	44.22	44.75	44.75	44.75
7487	-3.17	4.21	44.91	44.24	43.86	44.62	44.62	44.62
7488	-3.17	4.58	44.82	44.00	43.53	44.47	44.47	44.47
7489	-2.64	4.71	44.71	43.82	43.31	44.32	44.32	44.32
7490	-2.05	4.95	44.61	43.69	43.17	44.22	44.22	44.22
7491	-2.05	5.31	44.54	43.58	43.03	44.12	44.12	44.12
7492	-2.05	5.31	44.47	43.44	42.85	44.03	44.03	44.03
7493	-1.52	5.28	44.39	43.36	42.78	43.95	43.95	43.95
7494	-1.13	10.01	44.33	43.31	42.73	43.90	43.90	43.90
7495	-1.13	8.82	44.40	42.46	41.36	43.57	43.57	43.57
7496	-1.13	6.41	43.97	42.27	41.30	43.24	43.24	43.24
7497	-0.96	5.67	43.76	42.53	41.83	43.24	43.24	43.24
7498	-0.93	5.10	43.81	42.72	42.10	43.35	43.35	43.35

7499	-0.93	4.69	43.87	42.89	42.33	43.45	43.45	43.45
7500	-0.93	4.35	43.92	43.06	42.57	43.55	43.55	43.55
7501	-2.66	4.06	43.99	43.23	42.80	43.67	43.67	43.67
7502	-5.65	3.85	44.07	43.37	42.97	43.77	43.77	43.77
7503	-5.65	4.31	44.15	43.48	43.10	43.86	43.86	43.86
7504	-5.65	3.69	44.24	43.40	42.93	43.88	43.88	43.88
7505	-8.25	1.68	44.20	43.49	43.08	43.90	43.90	43.90
7506	-10.20	1.91	44.20	43.88	43.69	44.06	44.06	44.06
7507	-10.20	2.22	44.39	44.02	43.81	44.23	44.23	44.23
7508	-10.20	2.97	44.49	44.07	43.83	44.31	44.31	44.31
7509	-11.53	3.42	44.56	44.00	43.68	44.32	44.32	44.32
7510	-13.05	3.76	44.56	43.91	43.54	44.28	44.28	44.28
7511	-13.05	4.04	44.54	43.82	43.42	44.23	44.23	44.23
7512	-13.05	4.26	44.51	43.74	43.30	44.18	44.18	44.18
7513	-13.89	4.42	44.46	43.73	43.31	44.15	44.15	44.15
7514	-14.26	4.58	44.45	43.76	43.36	44.15	44.15	44.15
7515	-14.26	4.72	44.46	43.74	43.33	44.15	44.15	44.15
7516	-14.26	4.84	44.46	43.71	43.28	44.14	44.14	44.14
7517	-14.59	4.95	44.45	43.67	43.23	44.12	44.12	44.12
7518	-14.64	9.57	44.43	43.64	43.18	44.09	44.09	44.09
7519	-14.64	8.23	44.52	42.75	41.74	43.76	43.76	43.76
7520	-14.64	5.97	44.09	42.51	41.60	43.41	43.41	43.41
7521	-14.79	5.21	43.86	42.85	42.27	43.43	43.43	43.43
7522	-14.92	4.24	43.93	43.21	42.79	43.62	43.62	43.62
7523	-14.92	3.51	44.05	43.58	43.30	43.85	43.85	43.85
7524	-14.92	3.12	44.21	43.86	43.66	44.06	44.06	44.06
7525	-14.47	2.76	44.36	44.08	43.92	44.24	44.24	44.24
7526	-13.50	2.66	44.48	44.35	44.28	44.42	44.42	44.42
7527	-13.50	3.01	44.61	44.68	44.71	44.64	44.64	44.64
7528	-13.50	2.63	44.82	44.68	44.60	44.76	44.76	44.76
7529	-12.39	1.20	44.88	44.67	44.56	44.79	44.79	44.79
7530	-11.61	1.42	44.88	44.90	44.91	44.89	44.89	44.89
7531	-11.61	1.52	45.01	44.97	44.95	44.99	44.99	44.99
7532	-11.61	2.20	45.08	44.95	44.88	45.03	45.03	45.03
7533	-10.84	2.70	45.13	44.79	44.60	44.98	44.98	44.98
7534	-9.98	3.37	45.09	44.57	44.27	44.87	44.87	44.87
7535	-9.98	4.20	45.01	44.35	43.98	44.73	44.73	44.73
7536	-9.98	4.87	44.92	44.11	43.64	44.57	44.57	44.57
7537	-9.21	5.30	44.81	43.86	43.32	44.41	44.41	44.41

7538	-8.22	5.86	44.69	43.66	43.07	44.25	44.25	44.25
7539	-8.22	6.56	44.58	43.44	42.79	44.09	44.09	44.09
7540	-8.22	7.23	44.46	43.19	42.46	43.92	43.92	43.92
7541	-6.77	7.58	44.33	42.93	42.13	43.73	43.73	43.73
7542	-5.39	8.06	44.18	42.72	41.88	43.55	43.55	43.55
7543	-5.39	6.53	44.05	42.50	41.61	43.39	43.39	43.39
7544	-5.39	4.98	43.87	42.62	41.90	43.34	43.34	43.34
7545	-4.50	3.49	43.85	42.90	42.35	43.44	43.44	43.44
7546	0.57	1.97	43.92	43.25	42.87	43.63	43.63	43.63
7547	0.57	0.72	44.05	43.67	43.45	43.88	43.88	43.88
7548	0.57	0.67	44.22	44.10	44.02	44.17	44.17	44.17
7549	-1.58	0.84	44.42	44.55	44.62	44.48	44.48	44.48
7550	-7.33	0.91	44.66	44.91	45.05	44.77	44.77	44.77
7551	-7.33	1.10	44.87	45.16	45.33	45.00	45.00	45.00
7552	-7.33	0.94	45.04	45.44	45.67	45.21	45.21	45.21
7553	-10.05	0.62	45.23	45.51	45.67	45.35	45.35	45.35
7554	-11.08	1.50	45.36	45.29	45.25	45.33	45.33	45.33
7555	-11.08	2.40	45.33	45.03	44.87	45.20	45.20	45.20
7556	-11.08	4.23	45.25	44.78	44.51	45.05	45.05	45.05
7557	-11.28	5.38	45.18	44.35	43.88	44.82	44.82	44.82
7558	-11.39	6.56	44.99	43.94	43.34	44.54	44.54	44.54
7559	-11.39	7.08	44.80	43.53	42.80	44.26	44.26	44.26
7560	-11.39	7.18	44.58	43.21	42.43	44.00	44.00	44.00
7561	-11.94	7.51	44.39	43.00	42.21	43.79	43.79	43.79
7562	-12.59	8.15	44.25	42.80	41.97	43.63	43.63	43.63
7563	-12.59	8.82	44.12	42.55	41.65	43.45	43.45	43.45
7564	-12.59	9.00	43.98	42.28	41.31	43.25	43.25	43.25
7565	-12.90	9.30	43.81	42.08	41.10	43.07	43.07	43.07
7566	-12.16	14.14	43.68	41.89	40.87	42.91	42.91	42.91
7567	-12.16	13.14	43.65	40.94	39.40	42.49	42.49	42.49
7568	-12.16	10.60	43.14	40.64	39.21	42.07	42.07	42.07
7569	-11.54	8.30	42.86	40.85	39.70	42.00	42.00	42.00
7570	-11.03	5.91	42.82	41.25	40.35	42.15	42.15	42.15
7571	-11.03	4.01	42.90	41.78	41.14	42.42	42.42	42.42
7572	-11.03	2.51	43.09	42.33	41.89	42.77	42.77	42.77
7573	-10.98	1.51	43.33	42.85	42.57	43.12	43.12	43.12
7574	-11.29	1.44	43.58	43.31	43.16	43.46	43.46	43.46
7575	-11.29	1.80	43.82	43.70	43.62	43.77	43.77	43.77
7576	-11.29	1.73	44.06	43.92	43.83	44.00	44.00	44.00

7577	-11.43	0.59	44.22	44.04	43.94	44.15	44.15	44.15
7578	-10.97	1.54	44.33	44.23	44.17	44.28	44.28	44.28
7579	-10.97	2.77	44.48	44.18	44.01	44.35	44.35	44.35
7580	-10.97	4.29	44.52	43.99	43.68	44.29	44.29	44.29
7581	-10.03	5.65	44.50	43.66	43.19	44.14	44.14	44.14
7582	-9.05	6.84	44.39	43.30	42.67	43.92	43.92	43.92
7583	-9.05	7.47	44.24	42.92	42.16	43.67	43.67	43.67
7584	-9.05	8.01	44.05	42.61	41.79	43.43	43.43	43.43
7585	-8.51	8.16	43.89	42.34	41.46	43.22	43.22	43.22
7586	-8.50	7.72	43.72	42.16	41.26	43.05	43.05	43.05
7587	-8.50	7.39	43.58	42.10	41.26	42.95	42.95	42.95
7588	-8.50	7.17	43.51	42.10	41.29	42.91	42.91	42.91
7589	-8.48	7.07	43.47	42.10	41.32	42.88	42.88	42.88
7590	-8.43	6.99	43.45	42.09	41.32	42.87	42.87	42.87
7591	-8.43	11.48	43.42	42.09	41.32	42.85	42.85	42.85
7592	-8.43	11.31	43.50	41.31	40.05	42.56	42.56	42.56
7593	-8.47	9.18	43.13	40.97	39.74	42.21	42.21	42.21
7594	-4.92	7.26	42.87	41.13	40.13	42.13	42.13	42.13
7595	-4.92	6.57	42.83	41.54	40.81	42.28	42.28	42.28
7596	-4.92	6.03	42.92	42.22	41.82	42.62	42.62	42.62
7597	-6.77	3.69	43.19	42.80	42.57	43.02	43.02	43.02
7598	-10.27	1.22	43.44	43.49	43.52	43.46	43.46	43.46
7599	-10.27	1.22	43.75	44.28	44.58	43.98	43.98	43.98
7600	-10.27	1.23	44.20	44.63	44.87	44.38	44.38	44.38
7601	-11.69	1.58	44.48	44.69	44.82	44.57	44.57	44.57
7602	-12.95	2.74	44.64	44.44	44.33	44.56	44.56	44.56
7603	-12.95	4.49	44.63	44.10	43.79	44.40	44.40	44.40
7604	-12.95	6.52	44.54	43.66	43.17	44.16	44.16	44.16
7605	-14.69	7.93	44.39	43.13	42.40	43.85	43.85	43.85
7606	-16.48	8.80	44.16	42.62	41.75	43.50	43.50	43.50
7607	-16.48	9.41	43.90	42.21	41.24	43.18	43.18	43.18
7608	-16.48	9.82	43.67	41.87	40.84	42.90	42.90	42.90
7609	-17.44	10.01	43.47	41.59	40.51	42.66	42.66	42.66
7610	-18.03	10.48	43.28	41.37	40.28	42.46	42.46	42.46
7611	-18.03	10.95	43.13	41.14	40.00	42.28	42.28	42.28
7612	-18.03	11.24	42.99	40.90	39.72	42.09	42.09	42.09
7613	-17.78	11.67	42.83	40.70	39.48	41.92	41.92	41.92
7614	-16.72	12.29	42.70	40.49	39.22	41.75	41.75	41.75
7615	-16.72	12.95	42.56	40.24	38.91	41.56	41.56	41.56

7616	-16.72	12.81	42.41	39.97	38.57	41.36	41.36	41.36
7617	-16.43	11.02	42.23	39.82	38.45	41.20	41.20	41.20
7618	-16.37	9.01	42.07	40.00	38.82	41.18	41.18	41.18
7619	-16.37	7.49	42.06	40.37	39.40	41.33	41.33	41.33
7620	-16.37	6.58	42.16	40.75	39.95	41.56	41.56	41.56
7621	-15.50	6.27	42.32	41.08	40.37	41.79	41.79	41.79
7622	-14.02	6.15	42.48	41.29	40.62	41.97	41.97	41.97
7623	-14.02	5.90	42.60	41.43	40.77	42.10	42.10	42.10
7624	-14.02	5.78	42.68	41.56	40.93	42.20	42.20	42.20
7625	-12.49	6.45	42.76	41.66	41.04	42.29	42.29	42.29
7626	-12.17	7.76	42.85	41.62	40.92	42.32	42.32	42.32
7627	-12.17	8.92	42.87	41.40	40.55	42.24	42.24	42.24
7628	-12.17	9.69	42.81	41.11	40.14	42.08	42.08	42.08
7629	-12.64	10.71	42.69	40.85	39.80	41.90	41.90	41.90
7630	-13.03	11.75	42.57	40.54	39.38	41.70	41.70	41.70
7631	-13.03	12.25	42.42	40.20	38.93	41.47	41.47	41.47
7632	-13.03	12.73	42.23	39.93	38.61	41.24	41.24	41.24
7633	-13.12	13.04	42.07	39.68	38.31	41.05	41.05	41.05
7634	-12.84	13.32	41.92	39.47	38.08	40.87	40.87	40.87
7635	-12.84	13.73	41.78	39.29	37.86	40.71	40.71	40.71
7636	-12.84	13.98	41.65	39.09	37.62	40.55	40.55	40.55
7637	-12.56	13.92	41.52	38.91	37.42	40.40	40.40	40.40
7638	-12.16	18.57	41.39	38.80	37.32	40.28	40.28	40.28
7639	-12.16	17.36	41.39	37.94	35.97	39.91	39.91	39.91
7640	-12.16	13.68	40.93	37.72	35.88	39.56	39.56	39.56
7641	-11.73	10.49	40.67	38.15	36.71	39.59	39.59	39.59
7642	-8.42	7.97	40.72	38.79	37.68	39.89	39.89	39.89
7643	-8.42	6.02	40.93	39.46	38.62	40.30	40.30	40.30
7644	-8.42	4.29	41.21	40.09	39.45	40.73	40.73	40.73
7645	-10.01	3.36	41.50	40.70	40.25	41.16	41.16	41.16
7646	-12.67	2.81	41.83	41.19	40.83	41.56	41.56	41.56
7647	-12.67	3.38	42.11	41.58	41.28	41.88	41.88	41.88
7648	-12.67	3.09	42.37	41.73	41.37	42.10	42.10	42.10
7649	-14.15	1.71	42.51	41.92	41.59	42.26	42.26	42.26
7650	-15.00	2.69	42.63	42.30	42.11	42.49	42.49	42.49
7651	-15.00	3.42	42.87	42.36	42.06	42.65	42.65	42.65
7652	-15.00	4.54	42.97	42.32	41.95	42.69	42.69	42.69
7653	-15.20	5.07	43.03	42.16	41.66	42.65	42.65	42.65
7654	-15.26	5.58	43.00	42.03	41.47	42.58	42.58	42.58

7655	-15.26	6.03	42.96	41.90	41.29	42.51	42.51	42.51
7656	-15.26	6.29	42.92	41.77	41.11	42.43	42.43	42.43
7657	-15.90	6.69	42.87	41.67	40.98	42.35	42.35	42.35
7658	-16.65	7.20	42.82	41.55	40.82	42.28	42.28	42.28
7659	-16.65	7.53	42.77	41.40	40.62	42.19	42.19	42.19
7660	-16.65	7.70	42.70	41.27	40.45	42.09	42.09	42.09
7661	-16.42	7.83	42.63	41.17	40.34	42.00	42.00	42.00
7662	-15.47	12.36	42.57	41.09	40.24	41.93	41.93	41.93
7663	-15.47	11.07	42.61	40.27	38.94	41.61	41.61	41.61
7664	-15.47	8.47	42.20	40.11	38.92	41.30	41.30	41.30
7665	-15.00	7.34	42.01	40.41	39.50	41.32	41.32	41.32
7666	-14.83	6.18	42.07	40.69	39.90	41.48	41.48	41.48
7667	-14.83	4.90	42.15	40.99	40.32	41.65	41.65	41.65
7668	-14.83	3.88	42.27	41.34	40.81	41.87	41.87	41.87
7669	-14.25	3.31	42.42	41.69	41.27	42.11	42.11	42.11
7670	-13.49	3.15	42.60	41.97	41.61	42.33	42.33	42.33
7671	-13.49	4.04	42.76	42.16	41.82	42.51	42.51	42.51
7672	-13.49	3.82	42.91	42.14	41.70	42.58	42.58	42.58
7673	-12.61	2.45	42.94	42.21	41.79	42.63	42.63	42.63
7674	-12.02	3.33	42.96	42.50	42.23	42.76	42.76	42.76
7675	-12.02	4.26	43.14	42.50	42.14	42.86	42.86	42.86
7676	-12.02	6.06	43.19	42.38	41.91	42.84	42.84	42.84
7677	-11.87	7.16	43.20	42.04	41.38	42.70	42.70	42.70
7678	-11.70	7.96	43.08	41.72	40.93	42.50	42.50	42.50
7679	-11.70	8.67	42.94	41.43	40.56	42.29	42.29	42.29
7680	-11.70	9.18	42.80	41.15	40.21	42.09	42.09	42.09
7681	-11.57	9.12	42.65	40.91	39.92	41.91	41.91	41.91
7682	-11.47	8.64	42.51	40.78	39.79	41.77	41.77	41.77
7683	-11.47	8.41	42.40	40.76	39.83	41.70	41.70	41.70
7684	-11.47	8.17	42.35	40.76	39.85	41.67	41.67	41.67
7685	-11.34	8.09	42.32	40.78	39.90	41.66	41.66	41.66
7686	-11.35	12.81	42.31	40.78	39.91	41.65	41.65	41.65
7687	-11.35	11.58	42.40	39.98	38.60	41.36	41.36	41.36
7688	-11.35	9.12	41.99	39.81	38.57	41.06	41.06	41.06
7689	-11.42	8.18	41.81	40.10	39.12	41.07	41.07	41.07
7690	-9.07	7.18	41.87	40.33	39.45	41.21	41.21	41.21
7691	-9.07	6.23	41.93	40.59	39.82	41.36	41.36	41.36
7692	-9.07	5.52	42.03	40.86	40.19	41.53	41.53	41.53
7693	-10.90	5.10	42.15	41.11	40.51	41.70	41.70	41.70



7694	-13.30	4.87	42.27	41.31	40.76	41.86	41.86	41.86
7695	-13.30	5.47	42.39	41.47	40.94	41.99	41.99	41.99
7696	-13.30	4.74	42.50	41.47	40.87	42.06	42.06	42.06
7697	-14.96	2.79	42.51	41.61	41.10	42.13	42.13	42.13
7698	-15.74	3.14	42.56	42.03	41.72	42.33	42.33	42.33
7699	-15.74	3.60	42.77	42.18	41.83	42.52	42.52	42.52
7700	-15.74	4.82	42.89	42.20	41.81	42.60	42.60	42.60
7701	-15.90	5.47	42.97	42.05	41.52	42.57	42.57	42.57
7702	-16.27	5.84	42.93	41.89	41.30	42.49	42.49	42.49
7703	-16.27	6.00	42.88	41.77	41.13	42.41	42.41	42.41
7704	-16.27	6.09	42.83	41.69	41.04	42.34	42.34	42.34
7705	-16.84	6.29	42.79	41.63	40.97	42.29	42.29	42.29
7706	-18.12	6.45	42.76	41.56	40.88	42.25	42.25	42.25
7707	-18.12	6.42	42.73	41.50	40.80	42.20	42.20	42.20
7708	-18.12	6.36	42.69	41.47	40.77	42.16	42.16	42.16
7709	-18.78	6.62	42.66	41.46	40.77	42.15	42.15	42.15
7710	-18.15	11.70	42.66	41.40	40.68	42.12	42.12	42.12
7711	-18.15	10.67	42.73	40.51	39.25	41.78	41.78	41.78
7712	-18.15	8.23	42.30	40.28	39.13	41.44	41.44	41.44
7713	-17.09	7.31	42.08	40.53	39.65	41.42	41.42	41.42
7714	-16.18	6.34	42.12	40.75	39.96	41.53	41.53	41.53
7715	-16.18	5.26	42.18	40.99	40.30	41.67	41.67	41.67
7716	-16.18	4.08	42.26	41.27	40.70	41.84	41.84	41.84
7717	-15.61	2.99	42.38	41.60	41.16	42.05	42.05	42.05
7718	-15.38	2.17	42.53	41.96	41.63	42.28	42.28	42.28
7719	-15.38	2.58	42.70	42.29	42.05	42.52	42.52	42.52
7720	-15.38	2.35	42.89	42.50	42.28	42.72	42.72	42.72
7721	-15.12	0.63	43.01	42.86	42.78	42.94	42.94	42.94
7722	-14.64	0.74	43.19	43.27	43.32	43.22	43.22	43.22
7723	-14.64	1.24	43.45	43.31	43.23	43.39	43.39	43.39
7724	-14.64	2.07	43.54	43.30	43.17	43.44	43.44	43.44
7725	-14.18	2.44	43.60	43.21	42.98	43.43	43.43	43.43
7726	-13.75	2.56	43.60	43.13	42.86	43.40	43.40	43.40
7727	-13.75	3.03	43.58	43.15	42.91	43.40	43.40	43.40
7728	-13.75	3.40	43.58	43.32	43.18	43.47	43.47	43.47
7729	-13.54	3.77	43.66	43.46	43.35	43.58	43.58	43.58
7730	-13.42	4.23	43.74	43.62	43.55	43.69	43.69	43.69
7731	-13.42	4.52	43.82	43.84	43.86	43.83	43.83	43.83
7732	-13.42	4.65	43.94	44.04	44.09	43.98	43.98	43.98

7733	-13.30	4.73	44.06	44.18	44.25	44.11	44.11	44.11
7734	-13.46	9.27	44.17	44.27	44.33	44.21	44.21	44.21
7735	-13.46	7.89	44.35	43.49	43.00	43.98	43.98	43.98
7736	-13.46	5.66	44.01	43.34	42.96	43.72	43.72	43.72
7737	-13.84	4.67	43.84	43.84	43.84	43.84	43.84	43.84
7738	-11.80	3.70	44.01	44.36	44.56	44.16	44.16	44.16
7739	-11.80	3.10	44.22	44.97	45.41	44.54	44.54	44.54
7740	-11.80	2.56	44.53	45.41	45.90	44.91	44.91	44.91
7741	-13.21	2.51	44.80	45.62	46.08	45.15	45.15	45.15
7742	-14.80	2.44	44.96	45.87	46.38	45.35	45.35	45.35
7743	-14.80	2.40	45.14	46.05	46.57	45.53	45.53	45.53
7744	-14.80	2.47	45.28	46.20	46.72	45.67	45.67	45.67
7745	-15.52	1.98	45.40	46.36	46.91	45.81	45.81	45.81
7746	-16.14	1.38	45.53	46.43	46.95	45.92	45.92	45.92
7747	-16.14	0.91	45.65	46.25	46.60	45.91	45.91	45.91
7748	-16.14	0.74	45.65	45.92	46.08	45.76	45.76	45.76
7749	-17.34	0.91	45.54	45.65	45.71	45.58	45.58	45.58
7750	-18.72	1.92	45.44	45.33	45.27	45.39	45.39	45.39
7751	-18.72	3.25	45.31	44.94	44.72	45.15	45.15	45.15
7752	-18.72	4.26	45.14	44.51	44.14	44.87	44.87	44.87
7753	-18.90	5.03	44.94	44.10	43.63	44.58	44.58	44.58
7754	-18.37	5.58	44.72	43.74	43.19	44.30	44.30	44.30
7755	-18.37	6.04	44.52	43.44	42.82	44.06	44.06	44.06
7756	-18.37	6.61	44.33	43.17	42.50	43.83	43.83	43.83
7757	-17.04	7.02	44.17	42.89	42.16	43.62	43.62	43.62
7758	-16.16	7.23	44.00	42.64	41.87	43.42	43.42	43.42
7759	-16.16	12.39	43.84	42.45	41.65	43.24	43.24	43.24
7760	-16.16	12.99	43.81	41.43	40.07	42.79	42.79	42.79
7761	-15.96	10.58	43.31	40.82	39.41	42.24	42.24	42.24
7762	-15.77	7.94	42.88	40.87	39.72	42.02	42.02	42.02
7763	-15.77	5.76	42.74	41.23	40.37	42.09	42.09	42.09
7764	-15.77	4.98	42.79	41.70	41.08	42.32	42.32	42.32
7765	-15.13	3.22	42.92	42.27	41.91	42.64	42.64	42.64
7766	-13.95	1.31	43.10	43.14	43.17	43.12	43.12	43.12
7767	-13.95	1.41	43.46	44.07	44.42	43.72	43.72	43.72
7768	-13.95	1.46	43.94	44.59	44.96	44.22	44.22	44.22
7769	-12.81	1.49	44.28	44.87	45.20	44.53	44.53	44.53
7770	-11.89	1.60	44.53	44.85	45.04	44.67	44.67	44.67
7771	-11.89	2.71	44.66	44.51	44.42	44.59	44.59	44.59

7772	-11.89	3.86	44.60	44.07	43.77	44.37	44.37	44.37
7773	-11.25	4.90	44.44	43.69	43.26	44.12	44.12	44.12
7774	-10.62	5.73	44.28	43.33	42.79	43.87	43.87	43.87
7775	-10.62	6.50	44.11	43.00	42.37	43.64	43.64	43.64
7776	-10.62	6.75	43.94	42.69	41.97	43.40	43.40	43.40
7777	-10.65	6.13	43.76	42.46	41.72	43.21	43.21	43.21
7778	-11.34	5.73	43.60	42.42	41.75	43.10	43.10	43.10
7779	-11.34	5.60	43.53	42.43	41.81	43.06	43.06	43.06
7780	-11.34	5.46	43.50	42.43	41.81	43.04	43.04	43.04
7781	-11.98	5.84	43.47	42.42	41.82	43.02	43.02	43.02
7782	-12.73	6.41	43.46	42.34	41.70	42.98	42.98	42.98
7783	-12.73	6.83	43.42	42.19	41.49	42.89	42.89	42.89
7784	-12.73	6.58	43.34	42.04	41.29	42.78	42.78	42.78
7785	-13.44	4.46	43.25	41.99	41.27	42.71	42.71	42.71
7786	-14.15	3.07	43.15	42.30	41.82	42.79	42.79	42.79
7787	-14.15	3.08	43.22	42.80	42.56	43.04	43.04	43.04
7788	-14.15	3.00	43.40	43.47	43.51	43.43	43.43	43.43
7789	-12.27	2.98	43.69	44.12	44.38	43.87	43.87	43.87
7790	-14.36	3.18	44.02	44.66	45.03	44.30	44.30	44.30
7791	-14.36	3.45	44.32	45.13	45.59	44.67	44.67	44.67
7792	-14.36	3.54	44.60	45.56	46.11	45.01	45.01	45.01
7793	-17.88	3.27	44.87	45.87	46.44	45.30	45.30	45.30
7794	-19.85	2.91	45.12	45.91	46.37	45.46	45.46	45.46
7795	-19.85	2.98	45.26	45.66	45.89	45.44	45.44	45.44
7796	-19.85	3.12	45.26	45.24	45.23	45.25	45.25	45.25
7797	-20.81	3.44	45.14	44.73	44.50	44.96	44.96	44.96
7798	-21.47	4.02	44.94	44.26	43.88	44.65	44.65	44.65
7799	-21.47	4.54	44.71	43.93	43.48	44.37	44.37	44.37
7800	-21.47	5.18	44.53	43.65	43.14	44.15	44.15	44.15
7801	-21.83	5.33	44.37	43.37	42.79	43.94	43.94	43.94
7802	-22.44	4.94	44.21	43.17	42.59	43.76	43.76	43.76
7803	-22.44	5.11	44.06	43.11	42.57	43.66	43.66	43.66
7804	-22.44	5.32	44.00	43.01	42.45	43.57	43.57	43.57
7805	-22.71	5.37	43.92	42.90	42.31	43.48	43.48	43.48
7806	-23.16	10.32	43.85	42.81	42.22	43.40	43.40	43.40
7807	-23.16	9.31	43.89	41.90	40.77	43.04	43.04	43.04
7808	-23.16	6.56	43.42	41.64	40.62	42.66	42.66	42.66
7809	-23.93	4.03	43.17	41.92	41.20	42.64	42.64	42.64
7810	-24.69	2.88	43.17	42.46	42.06	42.87	42.87	42.87

7811	-24.69	2.60	43.31	43.26	43.24	43.29	43.29	43.29
7812	-24.69	2.69	43.63	44.05	44.28	43.81	43.81	43.81
7813	-24.69	2.92	43.99	44.79	45.25	44.34	44.34	44.34
7814	-24.16	3.16	44.38	45.44	46.05	44.83	44.83	44.83
7815	-24.16	3.26	44.75	45.97	46.66	45.27	45.27	45.27
7816	-24.16	3.13	45.08	46.38	47.13	45.64	45.64	45.64
7817	-23.36	2.80	45.37	46.64	47.36	45.91	45.91	45.91
7818	-22.59	2.63	45.58	46.85	47.57	46.12	46.12	46.12
7819	-22.59	2.59	45.77	46.96	47.64	46.28	46.28	46.28
7820	-22.59	2.75	45.89	47.06	47.73	46.39	46.39	46.39
7821	-21.94	2.86	45.99	47.24	47.95	46.52	46.52	46.52
7822	-21.26	2.86	46.12	47.40	48.13	46.67	46.67	46.67
7823	-21.26	2.96	46.26	47.46	48.15	46.77	46.77	46.77
7824	-21.26	3.56	46.34	47.52	48.19	46.84	46.84	46.84
7825	-20.90	4.49	46.39	47.75	48.52	46.97	46.97	46.97
7826	-20.47	4.91	46.49	48.18	49.15	47.21	47.21	47.21
7827	-20.47	5.09	46.73	48.47	49.46	47.47	47.47	47.47
7828	-20.47	5.49	46.93	48.59	49.54	47.64	47.64	47.64
7829	-20.11	5.79	47.04	48.75	49.73	47.77	47.77	47.77
7830	-20.33	10.26	47.17	48.90	49.90	47.91	47.91	47.91
7831	-20.33	8.87	47.40	48.13	48.54	47.71	47.71	47.71
7832	-20.33	6.80	47.09	47.90	48.37	47.44	47.44	47.44
7833	-20.76	6.19	46.91	48.35	49.17	47.53	47.53	47.53
7834	-21.15	6.00	47.06	48.87	49.91	47.84	47.84	47.84
7835	-21.15	5.94	47.27	49.50	50.77	48.23	48.23	48.23
7836	-21.15	5.81	47.59	49.96	51.31	48.61	48.61	48.61
7837	-22.14	5.51	47.88	50.24	51.58	48.89	48.89	48.89
7838	-23.62	4.93	48.10	50.36	51.65	49.07	49.07	49.07
7839	-23.62	2.82	48.26	50.29	51.45	49.13	49.13	49.13
7840	-23.62	1.57	48.39	49.50	50.13	48.87	48.87	48.87
7841	-25.05	0.70	48.15	48.62	48.89	48.35	48.35	48.35
7842	-25.94	1.05	47.78	47.95	48.05	47.85	47.85	47.85
7843	-25.94	2.24	47.46	47.25	47.13	47.37	47.37	47.37
7844	-25.94	3.51	47.10	46.65	46.40	46.91	46.91	46.91
7845	-25.98	4.54	46.78	46.08	45.68	46.48	46.48	46.48
7846	-25.89	5.15	46.45	45.55	45.03	46.06	46.06	46.06
7847	-25.89	5.49	46.13	45.11	44.53	45.69	45.69	45.69
7848	-25.89	6.17	45.84	44.76	44.15	45.38	45.38	45.38
7849	-26.02	7.14	45.61	44.40	43.71	45.09	45.09	45.09

7850	-26.31	8.11	45.38	43.98	43.19	44.78	44.78	44.78
7851	-26.31	8.93	45.13	43.55	42.65	44.45	44.45	44.45
7852	-26.31	9.22	44.87	43.13	42.14	44.12	44.12	44.12
7853	-26.58	9.45	44.60	42.81	41.79	43.83	43.83	43.83
7854	-26.54	14.46	44.37	42.54	41.50	43.58	43.58	43.58
7855	-26.54	13.72	44.27	41.48	39.89	43.07	43.07	43.07
7856	-26.54	11.73	43.69	41.06	39.56	42.56	42.56	42.56
7857	-26.21	10.66	43.33	41.10	39.82	42.37	42.37	42.37
7858	-25.85	9.01	43.21	41.18	40.02	42.34	42.34	42.34
7859	-25.85	7.45	43.13	41.42	40.44	42.40	42.40	42.40
7860	-25.85	6.09	43.15	41.73	40.92	42.54	42.54	42.54
7861	-25.81	4.76	43.23	42.07	41.40	42.73	42.73	42.73
7862	-25.60	3.81	43.34	42.43	41.91	42.95	42.95	42.95
7863	-25.60	3.69	43.49	42.76	42.34	43.18	43.18	43.18
7864	-25.60	3.03	43.65	42.94	42.54	43.35	43.35	43.35
7865	-25.22	1.82	43.75	43.16	42.83	43.50	43.50	43.50
7866	-25.11	2.72	43.84	43.49	43.29	43.69	43.69	43.69
7867	-25.11	4.14	44.04	43.51	43.21	43.81	43.81	43.81
7868	-25.11	6.09	44.11	43.31	42.86	43.77	43.77	43.77
7869	-25.09	7.13	44.09	42.91	42.24	43.58	43.58	43.58
7870	-25.04	7.94	43.93	42.56	41.77	43.34	43.34	43.34
7871	-25.04	8.66	43.76	42.24	41.36	43.11	43.11	43.11
7872	-25.04	9.18	43.59	41.93	40.98	42.88	42.88	42.88
7873	-24.40	9.61	43.42	41.67	40.66	42.67	42.67	42.67
7874	-23.44	10.31	43.26	41.43	40.38	42.48	42.48	42.48
7875	-23.44	10.88	43.12	41.15	40.03	42.28	42.28	42.28
7876	-23.44	11.30	42.95	40.89	39.71	42.07	42.07	42.07
7877	-22.49	11.80	42.79	40.65	39.42	41.87	41.87	41.87
7878	-22.03	12.27	42.63	40.40	39.13	41.68	41.68	41.68
7879	-22.03	10.75	42.48	40.16	38.84	41.48	41.48	41.48
7880	-22.03	9.39	42.28	40.25	39.10	41.41	41.41	41.41
7881	-22.14	7.30	42.23	40.47	39.46	41.48	41.48	41.48
7882	-19.11	5.37	42.25	40.87	40.09	41.66	41.66	41.66
7883	-19.11	4.09	42.38	41.36	40.78	41.94	41.94	41.94
7884	-19.11	3.01	42.58	41.80	41.36	42.25	42.25	42.25
7885	-20.89	2.11	42.78	42.21	41.88	42.54	42.54	42.54
7886	-23.86	1.11	42.99	42.59	42.36	42.82	42.82	42.82
7887	-23.86	0.71	43.19	42.98	42.86	43.10	43.10	43.10
7888	-23.86	0.61	43.41	43.27	43.20	43.35	43.35	43.35

7889	-24.79	1.11	43.60	43.48	43.41	43.55	43.55	43.55
7890	-25.14	2.73	43.76	43.55	43.42	43.67	43.67	43.67
7891	-25.14	4.07	43.88	43.35	43.05	43.65	43.65	43.65
7892	-25.14	6.55	43.85	43.07	42.62	43.52	43.52	43.52
7893	-25.22	7.20	43.80	42.54	41.82	43.26	43.26	43.26
7894	-25.24	7.37	43.57	42.18	41.39	42.97	42.97	42.97
7895	-25.24	8.39	43.38	41.97	41.16	42.77	42.77	42.77
7896	-25.24	9.43	43.26	41.66	40.74	42.57	42.57	42.57
7897	-25.71	9.68	43.10	41.31	40.28	42.33	42.33	42.33
7898	-26.79	9.54	42.90	41.06	40.01	42.12	42.12	42.12
7899	-26.79	9.64	42.74	40.93	39.90	41.96	41.96	41.96
7900	-26.79	9.73	42.63	40.80	39.76	41.85	41.85	41.85
7901	-26.66	9.80	42.53	40.69	39.64	41.74	41.74	41.74
7902	-25.53	14.27	42.44	40.59	39.53	41.65	41.65	41.65
7903	-25.53	13.20	42.46	39.76	38.23	41.30	41.30	41.30
7904	-25.53	10.70	42.02	39.54	38.12	40.96	40.96	40.96
7905	-25.00	8.25	41.79	39.79	38.64	40.93	40.93	40.93
7906	-24.93	5.46	41.78	40.24	39.36	41.12	41.12	41.12
7907	-24.93	3.05	41.89	40.87	40.29	41.46	41.46	41.46
7908	-24.93	2.03	42.13	41.56	41.24	41.89	41.89	41.89
7909	-24.59	1.83	42.44	42.20	42.07	42.34	42.34	42.34
7910	-23.96	1.82	42.76	42.77	42.77	42.76	42.76	42.76
7911	-23.96	2.06	43.07	43.24	43.33	43.14	43.14	43.14
7912	-23.96	2.09	43.37	43.49	43.56	43.42	43.42	43.42
7913	-23.14	0.84	43.57	43.68	43.75	43.62	43.62	43.62
7914	-22.29	0.62	43.71	43.96	44.09	43.82	43.82	43.82
7915	-22.29	1.48	43.93	43.90	43.88	43.91	43.91	43.91
7916	-22.29	2.98	43.99	43.70	43.54	43.87	43.87	43.87
7917	-21.62	3.85	43.97	43.40	43.07	43.73	43.73	43.73
7918	-20.97	4.53	43.87	43.13	42.71	43.55	43.55	43.55
7919	-20.97	5.88	43.77	42.89	42.39	43.39	43.39	43.39
7920	-20.97	7.23	43.67	42.54	41.90	43.19	43.19	43.19
7921	-20.33	7.95	43.52	42.14	41.34	42.93	42.93	42.93
7922	-19.40	8.45	43.32	41.80	40.93	42.67	42.67	42.67
7923	-19.40	9.04	43.14	41.53	40.60	42.45	42.45	42.45
7924	-19.40	9.74	42.98	41.25	40.27	42.24	42.24	42.24
7925	-18.58	10.78	42.82	40.97	39.91	42.03	42.03	42.03
7926	-18.46	11.51	42.66	40.62	39.45	41.79	41.79	41.79
7927	-18.46	16.59	42.46	40.29	39.05	41.53	41.53	41.53

7928	-18.46	16.87	42.37	39.24	37.45	41.03	41.03	41.03
7929	-18.80	14.05	41.83	38.67	36.86	40.48	40.48	40.48
7930	-17.53	11.19	41.40	38.79	37.29	40.28	40.28	40.28
7931	-17.53	8.78	41.29	39.21	38.02	40.39	40.39	40.39
7932	-17.53	6.98	41.36	39.72	38.79	40.66	40.66	40.66
7933	-19.41	3.85	41.52	40.22	39.48	40.97	40.97	40.97
7934	-21.47	0.68	41.69	40.97	40.56	41.38	41.38	41.38
7935	-21.47	0.91	41.99	41.88	41.81	41.94	41.94	41.94
7936	-21.47	1.24	42.45	42.42	42.41	42.44	42.44	42.44
7937	-22.90	1.78	42.79	42.70	42.66	42.75	42.75	42.75
7938	-24.67	3.48	43.03	42.71	42.52	42.90	42.90	42.90
7939	-24.67	5.17	43.15	42.49	42.10	42.87	42.87	42.87
7940	-24.67	6.42	43.14	42.15	41.58	42.71	42.71	42.71
7941	-26.76	7.43	43.03	41.81	41.11	42.51	42.51	42.51
7942	-28.99	7.61	42.90	41.48	40.67	42.29	42.29	42.29
7943	-28.99	8.31	42.73	41.29	40.46	42.11	42.11	42.11
7944	-28.99	9.49	42.63	41.05	40.15	41.96	41.96	41.96
7945	-30.06	9.90	42.52	40.72	39.70	41.75	41.75	41.75
7946	-30.41	10.10	42.35	40.48	39.41	41.55	41.55	41.55
7947	-30.41	10.39	42.20	40.29	39.20	41.38	41.38	41.38
7948	-30.41	10.83	42.07	40.12	39.00	41.24	41.24	41.24
7949	-29.51	11.13	41.96	39.93	38.77	41.09	41.09	41.09
7950	-26.54	11.42	41.84	39.75	38.56	40.95	40.95	40.95
7951	-26.54	11.66	41.73	39.59	38.37	40.81	40.81	40.81
7952	-26.54	11.30	41.62	39.44	38.19	40.68	40.68	40.68
7953	-24.38	9.39	41.50	39.39	38.19	40.60	40.60	40.60
7954	-22.85	7.03	41.40	39.65	38.65	40.65	40.65	40.65
7955	-22.85	5.28	41.44	40.12	39.37	40.87	40.87	40.87
7956	-22.85	3.85	41.60	40.62	40.05	41.18	41.18	41.18
7957	-21.96	3.47	41.81	41.13	40.74	41.52	41.52	41.52
7958	-21.81	3.53	42.05	41.64	41.41	41.88	41.88	41.88
7959	-21.81	3.63	42.30	42.18	42.11	42.25	42.25	42.25
7960	-21.81	3.56	42.59	42.70	42.76	42.63	42.63	42.63
7961	-21.29	3.57	42.90	42.93	42.94	42.92	42.92	42.92
7962	-20.48	3.71	43.11	42.93	42.83	43.04	43.04	43.04
7963	-20.48	3.82	43.21	42.85	42.64	43.05	43.05	43.05
7964	-20.48	5.12	43.23	42.74	42.47	43.02	43.02	43.02
7965	-19.86	7.72	43.27	42.30	41.75	42.85	42.85	42.85
7966	-19.25	8.87	43.14	41.67	40.82	42.51	42.51	42.51

7967	-19.25	9.83	42.87	41.18	40.21	42.14	42.14	42.14
7968	-19.25	10.69	42.62	40.76	39.70	41.83	41.83	41.83
7969	-18.62	11.21	42.40	40.38	39.22	41.53	41.53	41.53
7970	-18.09	11.68	42.18	40.06	38.86	41.27	41.27	41.27
7971	-18.09	12.29	41.98	39.79	38.53	41.04	41.04	41.04
7972	-18.09	12.93	41.81	39.50	38.19	40.82	40.82	40.82
7973	-17.56	13.58	41.63	39.21	37.83	40.60	40.60	40.60
7974	-17.13	18.48	41.46	38.92	37.47	40.37	40.37	40.37
7975	-17.13	17.34	41.37	37.93	35.97	39.89	39.89	39.89
7976	-17.13	15.17	40.83	37.62	35.79	39.45	39.45	39.45
7977	-16.93	14.78	40.53	37.74	36.15	39.34	39.34	39.34
7978	-16.08	14.37	40.49	37.77	36.22	39.32	39.32	39.32
7979	-16.08	13.87	40.43	37.79	36.28	39.30	39.30	39.30
7980	-16.08	13.61	40.39	37.84	36.39	39.30	39.30	39.30
7981	-17.63	13.58	40.37	37.87	36.44	39.30	39.30	39.30
7982	-19.30	13.51	40.36	37.86	36.44	39.29	39.29	39.29
7983	-19.30	13.80	40.33	37.85	36.43	39.27	39.27	39.27
7984	-19.30	11.53	40.31	37.77	36.32	39.22	39.22	39.22
7985	-21.16	9.22	40.21	38.09	36.88	39.30	39.30	39.30
7986	-22.91	10.53	40.28	38.59	37.62	39.55	39.55	39.55
7987	-22.91	11.27	40.53	38.59	37.48	39.70	39.70	39.70
7988	-22.91	12.80	40.58	38.50	37.31	39.68	39.68	39.68
7989	-24.42	13.25	40.58	38.22	36.87	39.57	39.57	39.57
7990	-25.84	13.59	40.46	38.02	36.62	39.41	39.41	39.41
7991	-25.84	14.37	40.36	37.86	36.43	39.29	39.29	39.29
7992	-25.84	15.11	40.28	37.64	36.13	39.14	39.14	39.14
7993	-26.78	15.53	40.16	37.39	35.80	38.97	38.97	38.97
7994	-27.19	15.76	40.02	37.18	35.56	38.80	38.80	38.80
7995	-27.19	16.13	39.89	37.01	35.37	38.66	38.66	38.66
7996	-27.19	16.66	39.78	36.84	35.16	38.52	38.52	38.52
7997	-26.46	17.03	39.67	36.63	34.90	38.37	38.37	38.37
7998	-23.93	21.63	39.54	36.45	34.68	38.22	38.22	38.22
7999	-23.93	20.33	39.51	35.58	33.34	37.83	37.83	37.83
8000	-23.93	18.05	39.04	35.37	33.27	37.47	37.47	37.47
8001	-22.66	16.58	38.81	35.57	33.71	37.42	37.42	37.42
8002	-22.21	15.13	38.80	35.81	34.11	37.52	37.52	37.52
8003	-22.21	14.42	38.84	36.11	34.56	37.67	37.67	37.67
8004	-22.21	13.83	38.94	36.34	34.85	37.82	37.82	37.82
8005	-21.28	12.92	39.03	36.53	35.11	37.96	37.96	37.96



8006	-20.42	11.93	39.10	36.77	35.43	38.10	38.10	38.10
8007	-20.42	12.09	39.20	37.04	35.81	38.28	38.28	38.28
8008	-20.42	10.19	39.35	37.15	35.90	38.41	38.41	38.41
8009	-19.34	7.95	39.38	37.53	36.47	38.59	38.59	38.59
8010	-18.13	9.21	39.53	38.08	37.25	38.91	38.91	38.91
8011	-18.13	9.54	39.84	38.15	37.19	39.12	39.12	39.12
8012	-18.13	10.34	39.93	38.18	37.18	39.18	39.18	39.18
8013	-17.52	10.22	40.00	38.11	37.02	39.19	39.19	39.19
8014	-16.92	9.93	39.99	38.12	37.05	39.19	39.19	39.19
8015	-16.92	9.57	40.01	38.18	37.14	39.23	39.23	39.23
8016	-16.92	8.66	40.04	38.28	37.28	39.29	39.29	39.29
8017	-16.24	7.70	40.08	38.49	37.58	39.40	39.40	39.40
8018	-16.02	7.19	40.17	38.75	37.94	39.56	39.56	39.56
8019	-16.02	6.56	40.30	38.98	38.22	39.73	39.73	39.73
8020	-16.02	6.01	40.42	39.21	38.52	39.90	39.90	39.90
8021	-15.79	5.42	40.55	39.44	38.80	40.07	40.07	40.07
8022	-15.99	9.40	40.68	39.68	39.10	40.25	40.25	40.25
8023	-15.99	7.79	40.91	39.18	38.19	40.17	40.17	40.17
8024	-15.99	5.07	40.69	39.29	38.50	40.09	40.09	40.09
8025	-16.78	4.36	40.69	39.81	39.30	40.31	40.31	40.31
8026	-16.94	3.77	40.88	40.37	40.08	40.67	40.67	40.67
8027	-16.94	3.17	41.14	40.99	40.91	41.08	41.08	41.08
8028	-16.94	2.71	41.46	41.54	41.59	41.49	41.49	41.49
8029	-18.70	2.54	41.77	42.01	42.15	41.87	41.87	41.87
8030	-19.94	2.49	42.05	42.44	42.66	42.22	42.22	42.22
8031	-19.94	2.57	42.33	42.80	43.07	42.53	42.53	42.53
8032	-19.94	2.56	42.59	42.96	43.17	42.75	42.75	42.75
8033	-21.32	1.08	42.77	43.04	43.19	42.88	42.88	42.88
8034	-22.99	0.94	42.86	43.26	43.50	43.03	43.03	43.03
8035	-22.99	0.83	43.03	43.32	43.48	43.15	43.15	43.15
8036	-22.99	1.22	43.13	43.28	43.37	43.20	43.20	43.20
8037	-24.39	1.96	43.20	43.04	42.95	43.14	43.14	43.14
8038	-25.70	2.43	43.16	42.78	42.57	43.00	43.00	43.00
8039	-25.70	2.62	43.07	42.60	42.34	42.87	42.87	42.87
8040	-25.70	2.91	42.99	42.49	42.20	42.78	42.78	42.78
8041	-26.85	3.15	42.94	42.39	42.07	42.70	42.70	42.70
8042	-27.53	3.19	42.90	42.30	41.95	42.64	42.64	42.64
8043	-27.53	3.51	42.85	42.25	41.90	42.59	42.59	42.59
8044	-27.53	4.00	42.83	42.16	41.78	42.54	42.54	42.54

8045	-27.05	4.60	42.80	42.05	41.63	42.48	42.48	42.48
8046	-24.28	9.79	42.76	41.88	41.38	42.38	42.38	42.38
8047	-24.28	8.76	42.78	40.92	39.86	41.99	41.99	41.99
8048	-24.28	5.91	42.31	40.65	39.70	41.60	41.60	41.60
8049	-22.55	4.36	42.06	40.95	40.31	41.58	41.58	41.58
8050	-21.69	3.70	42.07	41.53	41.22	41.84	41.84	41.84
8051	-21.69	3.11	42.26	42.14	42.07	42.21	42.21	42.21
8052	-21.69	2.79	42.54	42.65	42.71	42.59	42.59	42.59
8053	-21.16	2.56	42.79	43.15	43.36	42.95	42.95	42.95
8054	-21.30	2.31	43.07	43.51	43.76	43.26	43.26	43.26
8055	-21.30	2.33	43.31	43.68	43.89	43.47	43.47	43.47
8056	-21.30	2.35	43.47	43.69	43.81	43.57	43.57	43.57
8057	-21.10	0.98	43.55	43.66	43.73	43.60	43.60	43.60
8058	-20.60	1.30	43.56	43.86	44.03	43.69	43.69	43.69
8059	-20.60	1.46	43.67	44.07	44.30	43.84	43.84	43.84
8060	-20.60	1.92	43.80	44.21	44.44	43.97	43.97	43.97
8061	-20.19	2.26	43.92	44.15	44.27	44.02	44.02	44.02
8062	-19.78	2.49	43.96	43.99	44.00	43.97	43.97	43.97
8063	-19.78	2.70	43.93	43.78	43.68	43.87	43.87	43.87
8064	-19.78	2.96	43.86	43.60	43.45	43.75	43.75	43.75
8065	-19.17	3.21	43.79	43.44	43.24	43.64	43.64	43.64
8066	-18.71	3.68	43.72	43.30	43.07	43.54	43.54	43.54
8067	-18.71	4.14	43.65	43.20	42.94	43.46	43.46	43.46
8068	-18.71	4.30	43.60	43.12	42.84	43.39	43.39	43.39
8069	-18.23	4.47	43.55	43.04	42.75	43.33	43.33	43.33
8070	-17.88	9.17	43.52	42.90	42.54	43.25	43.25	43.25
8071	-17.88	7.84	43.56	41.88	40.92	42.84	42.84	42.84
8072	-17.88	5.51	43.06	41.57	40.71	42.42	42.42	42.42
8073	-17.93	4.70	42.78	41.87	41.34	42.39	42.39	42.39
8074	-17.26	3.86	42.82	42.19	41.83	42.55	42.55	42.55
8075	-17.26	3.34	42.92	42.52	42.30	42.75	42.75	42.75
8076	-17.26	3.00	43.04	42.93	42.88	42.99	42.99	42.99
8077	-18.71	2.67	43.22	43.30	43.34	43.25	43.25	43.25
8078	-20.59	2.71	43.42	43.55	43.63	43.47	43.47	43.47
8079	-20.59	2.74	43.55	43.89	44.09	43.70	43.70	43.70
8080	-20.59	2.21	43.77	43.94	44.04	43.84	43.84	43.84
8081	-22.37	0.55	43.87	43.77	43.71	43.83	43.83	43.83
8082	-24.45	1.11	43.82	43.82	43.83	43.82	43.82	43.82
8083	-24.45	2.02	43.88	43.71	43.61	43.81	43.81	43.81

8084	-24.45	2.94	43.87	43.48	43.26	43.70	43.70	43.70
8085	-26.81	3.34	43.80	43.23	42.90	43.55	43.55	43.55
8086	-29.41	3.90	43.68	43.04	42.67	43.41	43.41	43.41
8087	-29.41	4.24	43.59	42.84	42.42	43.27	43.27	43.27
8088	-29.41	4.35	43.49	42.68	42.21	43.14	43.14	43.14
8089	-31.17	4.76	43.39	42.56	42.08	43.04	43.04	43.04
8090	-31.89	5.47	43.32	42.41	41.89	42.93	42.93	42.93
8091	-31.89	6.18	43.25	42.20	41.60	42.80	42.80	42.80
8092	-31.89	7.01	43.14	41.96	41.29	42.64	42.64	42.64
8093	-31.02	7.65	43.02	41.69	40.92	42.45	42.45	42.45
8094	-28.00	7.71	42.88	41.42	40.59	42.25	42.25	42.25
8095	-28.00	11.85	42.72	41.25	40.42	42.09	42.09	42.09
8096	-28.00	11.34	42.69	40.44	39.16	41.72	41.72	41.72
8097	-26.73	9.61	42.26	40.12	38.90	41.34	41.34	41.34
8098	-26.51	8.02	42.00	40.19	39.16	41.23	41.23	41.23
8099	-26.51	6.94	41.93	40.42	39.56	41.28	41.28	41.28
8100	-26.51	6.45	41.95	40.70	39.98	41.41	41.41	41.41
8101	-25.97	4.07	42.05	40.86	40.17	41.54	41.54	41.54
8102	-25.08	1.47	42.07	41.30	40.86	41.74	41.74	41.74
8103	-25.08	2.32	42.22	41.94	41.78	42.10	42.10	42.10
8104	-25.08	3.43	42.55	42.11	41.86	42.36	42.36	42.36
8105	-23.97	4.77	42.71	42.05	41.68	42.43	42.43	42.43
8106	-22.84	5.70	42.75	41.85	41.33	42.36	42.36	42.36
8107	-22.84	5.87	42.70	41.62	41.00	42.24	42.24	42.24
8108	-22.84	6.10	42.60	41.49	40.85	42.13	42.13	42.13
8109	-22.03	6.60	42.54	41.38	40.72	42.04	42.04	42.04
8110	-21.21	7.24	42.49	41.24	40.52	41.95	41.95	41.95
8111	-21.21	8.07	42.42	41.05	40.26	41.83	41.83	41.83
8112	-21.21	8.96	42.33	40.81	39.93	41.68	41.68	41.68
8113	-20.57	9.67	42.22	40.53	39.56	41.49	41.49	41.49
8114	-20.12	10.51	42.07	40.25	39.21	41.29	41.29	41.29
8115	-20.12	11.03	41.93	39.95	38.83	41.08	41.08	41.08
8116	-20.12	11.01	41.76	39.69	38.51	40.87	40.87	40.87
8117	-19.68	11.12	41.59	39.53	38.35	40.71	40.71	40.71
8118	-18.47	11.84	41.47	39.39	38.21	40.58	40.58	40.58
8119	-18.47	12.45	41.38	39.17	37.90	40.43	40.43	40.43
8120	-18.47	11.04	41.24	38.93	37.60	40.25	40.25	40.25
8121	-16.38	8.95	41.06	39.01	37.84	40.18	40.18	40.18
8122	-14.37	7.71	41.00	39.34	38.39	40.29	40.29	40.29

8123	-14.37	7.20	41.10	39.66	38.84	40.48	40.48	40.48
8124	-14.37	6.87	41.23	39.89	39.12	40.65	40.65	40.65
8125	-12.55	6.79	41.33	40.05	39.32	40.78	40.78	40.78
8126	-12.73	6.92	41.42	40.16	39.43	40.88	40.88	40.88
8127	-12.73	7.24	41.49	40.20	39.46	40.94	40.94	40.94
8128	-12.73	7.96	41.53	40.18	39.40	40.95	40.95	40.95
8129	-12.90	9.00	41.55	40.06	39.21	40.91	40.91	40.91
8130	-13.89	10.46	41.53	39.84	38.88	40.80	40.80	40.80
8131	-13.89	11.55	41.45	39.50	38.38	40.61	40.61	40.61
8132	-13.89	12.30	41.30	39.15	37.92	40.38	40.38	40.38
8133	-15.78	13.01	41.13	38.84	37.53	40.15	40.15	40.15
8134	-17.63	13.18	40.96	38.54	37.16	39.92	39.92	39.92
8135	-17.63	13.12	40.78	38.34	36.94	39.73	39.73	39.73
8136	-17.63	13.69	40.63	38.21	36.82	39.59	39.59	39.59
8137	-19.10	14.48	40.53	38.01	36.57	39.45	39.45	39.45
8138	-21.03	14.76	40.42	37.75	36.23	39.27	39.27	39.27
8139	-21.03	15.02	40.26	37.55	36.00	39.10	39.10	39.10
8140	-21.03	15.28	40.12	37.37	35.80	38.94	38.94	38.94
8141	-22.93	15.53	40.00	37.20	35.60	38.80	38.80	38.80
8142	-22.96	20.56	39.88	37.04	35.42	38.66	38.66	38.66
8143	-22.96	19.14	39.86	36.12	33.97	38.26	38.26	38.26
8144	-22.96	14.69	39.37	35.89	33.91	37.88	37.88	37.88
8145	-21.29	11.77	39.08	36.43	34.91	37.94	37.94	37.94
8146	-19.60	9.68	39.19	37.06	35.84	38.27	38.27	38.27
8147	-19.60	7.96	39.40	37.65	36.64	38.65	38.65	38.65
8148	-19.60	6.69	39.65	38.20	37.37	39.03	39.03	39.03
8149	-18.79	5.83	39.92	38.69	37.99	39.39	39.39	39.39
8150	-18.49	5.62	40.18	39.10	38.49	39.72	39.72	39.72
8151	-18.49	6.41	40.42	39.38	38.79	39.97	39.97	39.97
8152	-18.49	5.65	40.62	39.44	38.76	40.12	40.12	40.12
8153	-18.07	3.89	40.69	39.64	39.04	40.24	40.24	40.24
8154	-17.96	4.82	40.79	40.07	39.65	40.48	40.48	40.48
8155	-17.96	5.46	41.04	40.14	39.63	40.66	40.66	40.66
8156	-17.96	6.93	41.15	40.13	39.54	40.71	40.71	40.71
8157	-17.87	7.60	41.21	39.92	39.18	40.66	40.66	40.66
8158	-17.71	7.66	41.16	39.74	38.93	40.55	40.55	40.55
8159	-17.71	7.60	41.09	39.66	38.85	40.48	40.48	40.48
8160	-17.71	8.45	41.05	39.64	38.83	40.45	40.45	40.45
8161	-17.75	9.35	41.06	39.48	38.58	40.38	40.38	40.38

8162	-17.73	10.11	41.00	39.26	38.27	40.26	40.26	40.26
8163	-17.73	11.03	40.91	39.03	37.96	40.11	40.11	40.11
8164	-17.73	11.75	40.81	38.76	37.59	39.93	39.93	39.93
8165	-17.63	12.30	40.67	38.50	37.25	39.74	39.74	39.74
8166	-17.60	17.29	40.53	38.26	36.96	39.56	39.56	39.56
8167	-17.60	15.99	40.49	37.30	35.48	39.12	39.12	39.12
8168	-17.60	11.80	39.98	37.05	35.38	38.73	38.73	38.73
8169	-17.65	8.78	39.70	37.54	36.31	38.77	38.77	38.77
8170	-17.64	6.13	39.78	38.18	37.26	39.09	39.09	39.09
8171	-17.64	4.35	39.99	38.87	38.23	39.51	39.51	39.51
8172	-17.64	3.65	40.29	39.49	39.03	39.95	39.95	39.95
8173	-18.46	3.55	40.61	39.93	39.55	40.32	40.32	40.32
8174	-19.82	3.51	40.88	40.21	39.84	40.59	40.59	40.59
8175	-19.82	4.33	41.07	40.42	40.04	40.79	40.79	40.79
8176	-19.82	4.01	41.24	40.43	39.97	40.89	40.89	40.89
8177	-21.09	2.37	41.30	40.54	40.11	40.97	40.97	40.97
8178	-22.56	3.02	41.35	40.91	40.65	41.16	41.16	41.16
8179	-22.56	3.79	41.56	41.00	40.67	41.32	41.32	41.32
8180	-22.56	5.22	41.67	40.96	40.55	41.36	41.36	41.36
8181	-23.65	6.08	41.72	40.74	40.18	41.30	41.30	41.30
8182	-24.64	7.15	41.67	40.53	39.87	41.18	41.18	41.18
8183	-24.64	8.37	41.60	40.26	39.49	41.03	41.03	41.03
8184	-24.64	9.38	41.50	39.94	39.04	40.83	40.83	40.83
8185	-25.02	10.23	41.36	39.61	38.60	40.61	40.61	40.61
8186	-24.94	10.85	41.20	39.30	38.21	40.39	40.39	40.39
8187	-24.94	11.44	41.04	39.02	37.86	40.17	40.17	40.17
8188	-24.94	11.99	40.88	38.76	37.55	39.97	39.97	39.97
8189	-24.77	12.35	40.73	38.51	37.24	39.78	39.78	39.78
8190	-24.49	17.18	40.58	38.30	37.00	39.60	39.60	39.60
8191	-24.49	15.72	40.54	37.37	35.56	39.18	39.18	39.18
8192	-24.49	11.53	40.04	37.15	35.50	38.80	38.80	38.80
8193	-24.07	8.72	39.76	37.66	36.45	38.86	38.86	38.86
8194	-23.64	6.65	39.86	38.26	37.35	39.18	39.18	39.18
8195	-23.64	5.41	40.07	38.85	38.15	39.55	39.55	39.55
8196	-23.64	4.90	40.33	39.33	38.76	39.90	39.90	39.90
8197	-22.15	4.67	40.58	39.67	39.15	40.19	40.19	40.19
8198	-18.65	5.16	40.78	39.91	39.41	40.41	40.41	40.41
8199	-18.65	6.46	40.95	39.99	39.44	40.54	40.54	40.54
8200	-18.65	5.92	41.06	39.86	39.17	40.55	40.55	40.55

8201	-14.91	4.56	41.03	39.92	39.29	40.55	40.55	40.55
8202	-12.85	6.36	41.05	40.19	39.71	40.68	40.68	40.68
8203	-12.85	7.98	41.22	40.04	39.36	40.72	40.72	40.72
8204	-12.85	9.90	41.22	39.73	38.87	40.58	40.58	40.58
8205	-12.09	10.65	41.13	39.28	38.23	40.34	40.34	40.34
8206	-11.27	10.96	40.93	38.95	37.82	40.08	40.08	40.08
8207	-11.27	11.29	40.76	38.73	37.56	39.89	39.89	39.89
8208	-11.27	11.56	40.62	38.53	37.34	39.73	39.73	39.73
8209	-10.46	11.95	40.50	38.36	37.14	39.58	39.58	39.58
8210	-9.97	12.67	40.39	38.19	36.93	39.45	39.45	39.45
8211	-9.97	13.06	40.29	37.96	36.63	39.29	39.29	39.29
8212	-9.97	13.39	40.16	37.76	36.39	39.13	39.13	39.13
8213	-9.51	13.70	40.04	37.58	36.18	38.98	38.98	38.98
8214	-8.90	18.72	39.92	37.41	35.98	38.85	38.85	38.85
8215	-8.90	17.93	39.91	36.49	34.53	38.44	38.44	38.44
8216	-8.90	15.06	39.43	36.17	34.30	38.03	38.03	38.03
8217	-8.34	13.34	39.14	36.41	34.85	37.97	37.97	37.97
8218	-3.76	11.76	39.13	36.72	35.34	38.10	38.10	38.10
8219	-3.76	10.45	39.20	37.07	35.85	38.28	38.28	38.28
8220	-3.76	9.77	39.32	37.42	36.33	38.50	38.50	38.50
8221	-4.59	9.32	39.47	37.69	36.67	38.71	38.71	38.71
8222	-7.54	8.96	39.60	37.90	36.93	38.87	38.87	38.87
8223	-7.54	9.59	39.72	38.08	37.14	39.01	39.01	39.01
8224	-7.54	8.35	39.84	38.08	37.07	39.08	39.08	39.08
8225	-8.02	6.33	39.84	38.31	37.43	39.18	39.18	39.18
8226	-8.21	7.44	39.91	38.75	38.09	39.41	39.41	39.41
8227	-8.21	8.35	40.16	38.79	38.01	39.58	39.58	39.58
8228	-8.21	10.52	40.24	38.70	37.82	39.58	39.58	39.58
8229	-8.57	11.76	40.28	38.34	37.23	39.45	39.45	39.45
8230	-9.13	12.21	40.15	37.99	36.75	39.23	39.23	39.23
8231	-9.13	12.71	39.99	37.75	36.47	39.03	39.03	39.03
8232	-9.13	13.14	39.87	37.54	36.21	38.87	38.87	38.87
8233	-9.97	13.70	39.75	37.34	35.97	38.72	38.72	38.72
8234	-10.93	14.78	39.64	37.14	35.71	38.56	38.56	38.56
8235	-10.93	15.37	39.53	36.84	35.30	38.38	38.38	38.38
8236	-10.93	14.93	39.37	36.58	34.98	38.17	38.17	38.17
8237	-11.50	15.39	39.20	36.49	34.94	38.04	38.04	38.04
8238	-10.89	20.83	39.12	36.33	34.74	37.93	37.93	37.93
8239	-10.89	19.31	39.12	35.36	33.20	37.51	37.51	37.51

8240	-10.89	15.82	38.61	35.13	33.15	37.12	37.12	37.12
8241	-10.17	13.16	38.34	35.51	33.89	37.13	37.13	37.13
8242	-9.49	10.18	38.38	36.03	34.68	37.37	37.37	37.37
8243	-9.49	7.41	38.53	36.70	35.65	37.75	37.75	37.75
8244	-9.49	5.42	38.78	37.45	36.68	38.21	38.21	38.21
8245	-8.98	3.99	39.12	38.14	37.57	38.70	38.70	38.70
8246	-8.83	2.88	39.47	38.74	38.33	39.16	39.16	39.16
8247	-8.83	2.89	39.80	39.28	38.97	39.58	39.58	39.58
8248	-8.83	2.45	40.13	39.62	39.33	39.91	39.91	39.91
8249	-8.63	1.15	40.37	39.93	39.68	40.18	40.18	40.18
8250	-8.38	2.74	40.57	40.36	40.23	40.48	40.48	40.48
8251	-8.38	5.25	40.87	40.36	40.07	40.65	40.65	40.65
8252	-8.38	7.31	41.01	40.03	39.47	40.59	40.59	40.59
8253	-7.85	8.50	40.96	39.59	38.81	40.37	40.37	40.37
8254	-7.26	10.65	40.81	39.23	38.32	40.13	40.13	40.13
8255	-7.26	12.15	40.68	38.70	37.58	39.83	39.83	39.83
8256	-7.26	12.95	40.45	38.21	36.92	39.49	39.49	39.49
8257	-6.69	13.98	40.20	37.82	36.46	39.18	39.18	39.18
8258	-5.99	14.65	39.99	37.43	35.96	38.89	38.89	38.89
8259	-5.99	15.27	39.77	37.09	35.56	38.62	38.62	38.62
8260	-5.99	16.35	39.57	36.79	35.20	38.38	38.38	38.38
8261	-5.20	17.30	39.39	36.42	34.72	38.12	38.12	38.12
8262	-4.79	18.08	39.18	36.05	34.26	37.84	37.84	37.84
8263	-4.79	23.37	38.96	35.70	33.83	37.56	37.56	37.56
8264	-4.79	24.05	38.84	34.64	32.23	37.04	37.04	37.04
8265	-4.76	23.11	38.30	34.00	31.54	36.46	36.46	36.46
8266	-0.83	22.06	37.88	33.77	31.43	36.12	36.12	36.12
8267	-0.83	21.33	37.63	33.73	31.50	35.96	35.96	35.96
8268	-0.83	20.96	37.50	33.73	31.58	35.88	35.88	35.88
8269	-3.09	16.78	37.41	33.72	31.61	35.83	35.83	35.83
8270	-7.67	15.02	37.27	34.31	32.62	36.00	36.00	36.00
8271	-7.67	15.77	37.45	34.80	33.29	36.32	36.32	36.32
8272	-7.67	16.66	37.69	34.89	33.29	36.49	36.49	36.49
8273	-10.14	17.79	37.77	34.81	33.12	36.50	36.50	36.50
8274	-11.42	18.69	37.76	34.60	32.80	36.41	36.41	36.41
8275	-11.42	19.35	37.69	34.37	32.47	36.26	36.26	36.26
8276	-11.42	19.98	37.57	34.14	32.19	36.10	36.10	36.10
8277	-12.25	20.62	37.45	33.92	31.90	35.94	35.94	35.94
8278	-13.34	21.21	37.33	33.69	31.61	35.77	35.77	35.77

8279	-13.34	21.77	37.19	33.46	31.32	35.59	35.59	35.59
8280	-13.34	22.16	37.05	33.23	31.04	35.41	35.41	35.41
8281	-14.37	22.68	36.91	33.02	30.81	35.24	35.24	35.24
8282	-15.30	23.34	36.77	32.81	30.54	35.07	35.07	35.07
8283	-15.30	23.85	36.64	32.57	30.24	34.89	34.89	34.89
8284	-15.30	24.55	36.49	32.34	29.96	34.71	34.71	34.71
8285	-15.41	25.08	36.34	32.08	29.64	34.52	34.52	34.52
8286	-14.80	25.43	36.18	31.84	29.35	34.32	34.32	34.32
8287	-14.80	25.43	36.02	31.63	29.12	34.14	34.14	34.14
8288	-14.80	24.50	35.86	31.48	28.98	33.98	33.98	33.98
8289	-15.05	23.23	35.72	31.51	29.10	33.91	33.91	33.91
8290	-15.59	21.61	35.65	31.66	29.38	33.94	33.94	33.94
8291	-15.59	20.45	35.65	31.94	29.81	34.06	34.06	34.06
8292	-15.59	19.72	35.73	32.21	30.20	34.22	34.22	34.22
8293	-15.71	18.90	35.84	32.43	30.49	34.38	34.38	34.38
8294	-15.26	18.54	35.93	32.66	30.79	34.53	34.53	34.53
8295	-15.26	18.70	36.04	32.83	30.99	34.66	34.66	34.66
8296	-15.26	19.11	36.13	32.89	31.03	34.74	34.74	34.74
8297	-14.80	19.63	36.19	32.87	30.97	34.76	34.76	34.76
8298	-14.64	19.75	36.20	32.79	30.84	34.74	34.74	34.74
8299	-14.64	19.59	36.17	32.74	30.78	34.70	34.70	34.70
8300	-14.64	19.34	36.14	32.74	30.80	34.68	34.68	34.68
8301	-14.25	19.23	36.13	32.77	30.85	34.69	34.69	34.69
8302	-13.86	19.41	36.13	32.80	30.89	34.70	34.70	34.70
8303	-13.86	19.79	36.14	32.77	30.85	34.70	34.70	34.70
8304	-13.86	20.07	36.14	32.70	30.74	34.67	34.67	34.67
8305	-13.83	19.98	36.11	32.63	30.64	34.61	34.61	34.61
8306	-13.93	19.83	36.06	32.60	30.62	34.57	34.57	34.57
8307	-13.93	19.86	36.03	32.59	30.63	34.56	34.56	34.56
8308	-13.93	19.88	36.02	32.58	30.61	34.54	34.54	34.54
8309	-14.01	19.56	36.00	32.56	30.59	34.52	34.52	34.52
8310	-14.33	23.56	35.97	32.59	30.65	34.52	34.52	34.52
8311	-14.33	21.77	36.06	31.98	29.65	34.31	34.31	34.31
8312	-14.33	17.91	35.74	31.98	29.83	34.13	34.13	34.13
8313	-14.83	14.84	35.62	32.53	30.77	34.30	34.30	34.30
8314	-12.51	11.81	35.78	33.22	31.75	34.68	34.68	34.68
8315	-12.51	8.86	36.04	33.99	32.82	35.16	35.16	35.16
8316	-12.51	6.67	36.38	34.84	33.95	35.72	35.72	35.72
8317	-14.18	5.22	36.80	35.62	34.95	36.29	36.29	36.29



8318	-16.23	3.86	37.22	36.30	35.77	36.83	36.83	36.83
8319	-16.23	4.04	37.62	36.93	36.53	37.32	37.32	37.32
8320	-16.23	3.87	38.02	37.29	36.88	37.71	37.71	37.71
8321	-17.12	3.69	38.30	37.60	37.21	38.00	38.00	38.00
8322	-18.53	5.89	38.54	37.88	37.49	38.26	38.26	38.26
8323	-18.53	7.35	38.81	37.74	37.13	38.35	38.35	38.35
8324	-18.53	9.87	38.86	37.52	36.76	38.29	38.29	38.29
8325	-21.06	11.37	38.87	37.08	36.05	38.10	38.10	38.10
8326	-23.83	12.07	38.73	36.67	35.49	37.84	37.84	37.84
8327	-23.83	12.63	38.56	36.38	35.13	37.62	37.62	37.62
8328	-23.83	13.47	38.42	36.14	34.84	37.44	37.44	37.44
8329	-25.84	13.95	38.31	35.88	34.50	37.27	37.27	37.27
8330	-26.62	14.70	38.17	35.67	34.24	37.10	37.10	37.10
8331	-26.62	15.28	38.06	35.43	33.93	36.93	36.93	36.93
8332	-26.62	15.35	37.93	35.21	33.65	36.76	36.76	36.76
8333	-25.98	15.68	37.80	35.06	33.50	36.63	36.63	36.63
8334	-23.95	21.01	37.71	34.92	33.32	36.51	36.51	36.51
8335	-23.95	19.84	37.72	33.98	31.85	36.12	36.12	36.12
8336	-23.95	15.44	37.23	33.73	31.72	35.73	35.73	35.73
8337	-23.44	11.75	36.95	34.23	32.68	35.79	35.79	35.79
8338	-23.63	8.35	37.04	34.97	33.79	36.15	36.15	36.15
8339	-23.63	5.51	37.29	35.81	34.96	36.65	36.65	36.65
8340	-23.63	3.47	37.64	36.66	36.10	37.22	37.22	37.22
8341	-23.60	2.48	38.05	37.43	37.08	37.79	37.79	37.79
8342	-23.15	1.97	38.48	38.03	37.77	38.29	38.29	38.29
8343	-23.15	2.55	38.84	38.55	38.38	38.71	38.71	38.71
8344	-23.15	2.33	39.18	38.91	38.76	39.06	39.06	39.06
8345	-22.46	1.75	39.46	39.07	38.85	39.29	39.29	39.29
8346	-21.66	3.72	39.62	39.30	39.11	39.48	39.48	39.48
8347	-21.66	5.53	39.84	39.16	38.77	39.55	39.55	39.55
8348	-21.66	7.36	39.89	38.87	38.29	39.45	39.45	39.45
8349	-20.76	8.55	39.84	38.49	37.71	39.26	39.26	39.26
8350	-19.86	9.58	39.72	38.14	37.25	39.04	39.04	39.04
8351	-19.86	10.34	39.58	37.82	36.82	38.83	38.83	38.83
8352	-19.86	10.85	39.43	37.54	36.46	38.62	38.62	38.62
8353	-18.96	11.62	39.29	37.31	36.18	38.44	38.44	38.44
8354	-17.85	12.21	39.17	37.05	35.85	38.26	38.26	38.26
8355	-17.85	12.46	39.03	36.82	35.55	38.08	38.08	38.08
8356	-17.85	12.67	38.90	36.64	35.35	37.93	37.93	37.93

8357	-16.78	12.84	38.78	36.49	35.19	37.80	37.80	37.80
8358	-16.29	17.71	38.69	36.37	35.05	37.69	37.69	37.69
8359	-16.29	16.34	38.70	35.51	33.68	37.33	37.33	37.33
8360	-16.29	12.61	38.25	35.31	33.64	36.99	36.99	36.99
8361	-16.24	9.38	38.01	35.76	34.47	37.04	37.04	37.04
8362	-14.72	6.27	38.08	36.41	35.45	37.37	37.37	37.37
8363	-14.72	3.66	38.30	37.17	36.53	37.82	37.82	37.82
8364	-14.72	2.00	38.62	37.96	37.58	38.34	38.34	38.34
8365	-16.33	1.70	39.00	38.66	38.47	38.86	38.86	38.86
8366	-18.45	2.21	39.39	39.22	39.13	39.32	39.32	39.32
8367	-18.45	2.88	39.76	39.38	39.16	39.60	39.60	39.60
8368	-18.45	2.08	39.94	39.46	39.18	39.74	39.74	39.74
8369	-20.27	1.13	40.03	39.79	39.66	39.93	39.93	39.93
8370	-22.64	2.21	40.24	40.03	39.91	40.15	40.15	40.15
8371	-22.64	3.44	40.43	40.02	39.79	40.25	40.25	40.25
8372	-22.64	6.14	40.52	39.88	39.51	40.24	40.24	40.24
8373	-25.07	7.70	40.56	39.41	38.76	40.07	40.07	40.07
8374	-27.42	8.44	40.41	38.98	38.16	39.79	39.79	39.79
8375	-27.42	9.55	40.22	38.66	37.77	39.55	39.55	39.55
8376	-27.42	10.61	40.07	38.31	37.31	39.32	39.32	39.32
8377	-29.11	11.30	39.91	37.96	36.84	39.07	39.07	39.07
8378	-29.71	11.80	39.72	37.65	36.47	38.84	38.84	38.84
8379	-29.71	12.39	39.55	37.40	36.16	38.63	38.63	38.63
8380	-29.71	13.13	39.40	37.14	35.85	38.43	38.43	38.43
8381	-29.06	13.68	39.26	36.87	35.50	38.23	38.23	38.23
8382	-26.10	19.08	39.10	36.61	35.19	38.03	38.03	38.03
8383	-26.10	17.80	39.04	35.59	33.61	37.56	37.56	37.56
8384	-26.10	13.19	38.50	35.30	33.46	37.13	37.13	37.13
8385	-23.94	9.47	38.18	35.81	34.46	37.16	37.16	37.16
8386	-22.70	5.76	38.25	36.55	35.58	37.52	37.52	37.52
8387	-22.70	2.69	38.48	37.45	36.86	38.04	38.04	38.04
8388	-22.70	2.17	38.84	38.42	38.19	38.66	38.66	38.66
8389	-22.34	2.06	39.29	39.38	39.44	39.33	39.33	39.33
8390	-22.45	2.07	39.78	40.20	40.44	39.96	39.96	39.96
8391	-22.45	2.30	40.26	40.82	41.14	40.50	40.50	40.50
8392	-22.45	2.13	40.67	41.23	41.55	40.91	40.91	40.91
8393	-22.42	0.52	41.02	41.21	41.33	41.10	41.10	41.10
8394	-21.13	1.47	41.15	41.12	41.10	41.13	41.13	41.13
8395	-21.13	2.98	41.21	40.94	40.78	41.09	41.09	41.09

8396	-21.13	4.86	41.21	40.65	40.34	40.97	40.97	40.97
8397	-18.79	6.14	41.16	40.25	39.73	40.77	40.77	40.77
8398	-16.52	7.05	41.01	39.86	39.21	40.52	40.52	40.52
8399	-16.52	8.01	40.85	39.53	38.78	40.28	40.28	40.28
8400	-16.52	8.77	40.69	39.20	38.35	40.06	40.06	40.06
8401	-15.08	9.26	40.53	38.90	37.98	39.83	39.83	39.83
8402	-14.23	9.87	40.37	38.65	37.68	39.63	39.63	39.63
8403	-14.23	10.30	40.23	38.41	37.36	39.45	39.45	39.45
8404	-14.23	10.34	40.08	38.19	37.10	39.27	39.27	39.27
8405	-13.39	10.18	39.94	38.04	36.96	39.13	39.13	39.13
8406	-13.17	14.88	39.83	37.96	36.90	39.03	39.03	39.03
8407	-13.17	13.35	39.86	37.13	35.57	38.69	38.69	38.69
8408	-13.17	9.12	39.42	36.98	35.59	38.37	38.37	38.37
8409	-13.20	5.92	39.19	37.53	36.58	38.48	38.48	38.48
8410	-11.86	3.35	39.31	38.23	37.62	38.85	38.85	38.85
8411	-11.86	2.68	39.57	38.97	38.62	39.31	39.31	39.31
8412	-11.86	2.59	39.87	39.87	39.87	39.87	39.87	39.87
8413	-13.91	2.55	40.28	40.81	41.11	40.51	40.51	40.51
8414	-16.58	2.57	40.77	41.59	42.06	41.12	41.12	41.12
8415	-16.58	2.59	41.23	42.15	42.68	41.62	41.62	41.62
8416	-16.58	2.62	41.61	42.53	43.06	42.00	42.00	42.00
8417	-19.95	1.04	41.93	42.59	42.97	42.21	42.21	42.21
8418	-23.34	0.57	42.09	42.50	42.73	42.27	42.27	42.27
8419	-23.34	1.38	42.18	42.18	42.18	42.18	42.18	42.18
8420	-23.34	2.80	42.12	41.86	41.71	42.01	42.01	42.01
8421	-25.69	3.37	42.03	41.50	41.20	41.80	41.80	41.80
8422	-27.75	3.69	41.89	41.25	40.88	41.61	41.61	41.61
8423	-27.75	4.26	41.77	41.07	40.67	41.47	41.47	41.47
8424	-27.75	5.28	41.68	40.88	40.42	41.34	41.34	41.34
8425	-28.90	6.11	41.60	40.61	40.04	41.18	41.18	41.18
8426	-29.21	7.06	41.48	40.33	39.68	40.99	40.99	40.99
8427	-29.21	7.83	41.35	40.02	39.27	40.78	40.78	40.78
8428	-29.21	8.10	41.19	39.73	38.89	40.56	40.56	40.56
8429	-28.28	8.30	41.02	39.51	38.65	40.38	40.38	40.38
8430	-24.48	7.49	40.89	39.34	38.46	40.22	40.22	40.22
8431	-24.48	11.45	40.75	39.36	38.57	40.15	40.15	40.15
8432	-24.48	11.53	40.81	38.68	37.47	39.89	39.89	39.89
8433	-21.73	10.10	40.47	38.34	37.12	39.56	39.56	39.56
8434	-19.87	9.17	40.23	38.37	37.30	39.43	39.43	39.43

8435	-19.87	8.57	40.16	38.47	37.51	39.44	39.44	39.44
8436	-19.87	7.78	40.15	38.57	37.67	39.48	39.48	39.48
8437	-18.76	4.19	40.16	38.73	37.91	39.55	39.55	39.55
8438	-18.42	1.05	40.14	39.37	38.93	39.81	39.81	39.81
8439	-18.42	1.77	40.36	40.17	40.06	40.28	40.28	40.28
8440	-18.42	2.32	40.77	40.49	40.33	40.65	40.65	40.65
8441	-17.70	2.91	41.00	40.61	40.39	40.83	40.83	40.83
8442	-17.12	3.79	41.14	40.59	40.28	40.90	40.90	40.90
8443	-17.12	4.43	41.19	40.48	40.08	40.89	40.89	40.89
8444	-17.12	4.83	41.19	40.36	39.89	40.83	40.83	40.83
8445	-16.77	5.18	41.16	40.26	39.74	40.77	40.77	40.77
8446	-16.47	5.35	41.13	40.16	39.61	40.71	40.71	40.71
8447	-16.47	5.33	41.09	40.09	39.52	40.66	40.66	40.66
8448	-16.47	5.27	41.05	40.05	39.49	40.62	40.62	40.62
8449	-15.88	5.33	41.03	40.05	39.48	40.61	40.61	40.61
8450	-15.17	5.55	41.02	40.03	39.46	40.60	40.60	40.60
8451	-15.17	5.78	41.02	39.98	39.39	40.57	40.57	40.57
8452	-15.17	5.69	41.00	39.93	39.32	40.54	40.54	40.54
8453	-14.50	5.69	40.97	39.91	39.31	40.52	40.52	40.52
8454	-14.17	5.85	40.95	39.96	39.40	40.53	40.53	40.53
8455	-14.17	5.81	40.96	40.04	39.51	40.57	40.57	40.57
8456	-14.17	5.53	40.99	40.16	39.69	40.63	40.63	40.63
8457	-14.27	5.19	41.03	40.33	39.93	40.73	40.73	40.73
8458	-14.34	5.28	41.11	40.54	40.22	40.86	40.86	40.86
8459	-14.34	5.52	41.18	40.93	40.79	41.08	41.08	41.08
8460	-14.34	5.47	41.34	41.46	41.53	41.39	41.39	41.39
8461	-14.68	5.58	41.60	41.91	42.08	41.73	41.73	41.73
8462	-18.55	5.75	41.85	42.30	42.55	42.04	42.04	42.04
8463	-18.55	5.83	42.08	42.66	42.99	42.33	42.33	42.33
8464	-18.55	6.03	42.31	42.95	43.31	42.58	42.58	42.58
8465	-22.55	6.12	42.51	43.18	43.56	42.79	42.79	42.79
8466	-24.37	6.19	42.69	43.27	43.60	42.94	42.94	42.94
8467	-24.37	6.24	42.81	43.30	43.58	43.02	43.02	43.02
8468	-24.37	6.31	42.88	43.32	43.57	43.07	43.07	43.07
8469	-24.21	6.35	42.93	43.35	43.59	43.11	43.11	43.11
8470	-23.76	6.35	42.99	43.40	43.63	43.16	43.16	43.16
8471	-23.76	6.38	43.04	43.41	43.61	43.20	43.20	43.20
8472	-23.76	6.22	43.08	43.43	43.64	43.23	43.23	43.23
8473	-22.45	6.23	43.12	43.39	43.55	43.24	43.24	43.24

8474	-20.87	6.24	43.13	43.40	43.55	43.24	43.24	43.24
8475	-20.87	6.09	43.15	43.40	43.54	43.26	43.26	43.26
8476	-20.87	6.29	43.18	43.32	43.40	43.24	43.24	43.24
8477	-19.28	6.47	43.14	43.38	43.52	43.25	43.25	43.25
8478	-17.70	10.72	43.17	43.51	43.71	43.32	43.32	43.32
8479	-17.70	8.41	43.37	42.60	42.15	43.04	43.04	43.04
8480	-17.70	6.57	43.03	41.76	41.03	42.49	42.49	42.49
8481	-16.30	6.44	42.61	41.36	40.64	42.07	42.07	42.07
8482	-15.01	6.35	42.35	41.13	40.43	41.83	41.83	41.83
8483	-15.01	6.24	42.18	40.97	40.29	41.66	41.66	41.66
8484	-15.01	6.08	42.04	40.87	40.19	41.54	41.54	41.54
8485	-14.06	6.01	41.94	40.80	40.14	41.45	41.45	41.45
8486	-13.47	6.01	41.87	40.74	40.09	41.38	41.38	41.38
8487	-13.47	6.85	41.81	40.68	40.03	41.32	41.32	41.32
8488	-13.47	6.06	41.77	40.48	39.75	41.22	41.22	41.22
8489	-12.54	4.13	41.64	40.50	39.85	41.15	41.15	41.15
8490	-11.60	4.95	41.58	40.80	40.36	41.25	41.25	41.25
8491	-11.60	5.78	41.71	40.78	40.25	41.31	41.31	41.31
8492	-11.60	7.27	41.72	40.63	40.01	41.25	41.25	41.25
8493	-11.12	7.77	41.68	40.32	39.53	41.10	41.10	41.10
8494	-10.54	8.15	41.54	40.08	39.24	40.91	40.91	40.91
8495	-10.54	8.63	41.41	39.88	39.01	40.75	40.75	40.75
8496	-10.54	9.06	41.29	39.68	38.76	40.60	40.60	40.60
8497	-10.10	9.44	41.17	39.48	38.52	40.45	40.45	40.45
8498	-9.88	9.97	41.05	39.30	38.29	40.30	40.30	40.30
8499	-9.88	10.49	40.94	39.09	38.03	40.15	40.15	40.15
8500	-9.88	11.00	40.82	38.87	37.76	39.98	39.98	39.98
8501	-9.63	11.35	40.69	38.65	37.48	39.81	39.81	39.81
8502	-9.39	16.33	40.55	38.45	37.25	39.65	39.65	39.65
8503	-9.39	15.31	40.52	37.51	35.78	39.23	39.23	39.23
8504	-9.39	12.91	40.02	37.21	35.60	38.82	38.82	38.82
8505	-8.92	12.15	39.74	37.38	36.04	38.73	38.73	38.73
8506	-8.46	11.48	39.73	37.51	36.24	38.77	38.77	38.77
8507	-8.46	10.75	39.72	37.62	36.42	38.82	38.82	38.82
8508	-8.46	9.96	39.73	37.76	36.64	38.88	38.88	38.88
8509	-9.47	9.28	39.75	37.93	36.89	38.97	38.97	38.97
8510	-11.81	8.72	39.81	38.11	37.14	39.08	39.08	39.08
8511	-11.81	9.00	39.88	38.28	37.36	39.19	39.19	39.19
8512	-11.81	7.67	39.96	38.31	37.37	39.26	39.26	39.26

8513	-13.53	5.58	39.96	38.55	37.75	39.36	39.36	39.36
8514	-14.50	6.47	40.03	39.01	38.42	39.59	39.59	39.59
8515	-14.50	6.72	40.27	39.08	38.40	39.76	39.76	39.76
8516	-14.50	7.83	40.35	39.11	38.40	39.82	39.82	39.82
8517	-14.56	9.08	40.41	38.96	38.14	39.79	39.79	39.79
8518	-14.39	10.47	40.39	38.71	37.75	39.67	39.67	39.67
8519	-14.39	11.71	40.31	38.37	37.27	39.48	39.48	39.48
8520	-14.39	12.42	40.17	38.01	36.78	39.24	39.24	39.24
8521	-14.49	12.23	39.99	37.71	36.40	39.01	39.01	39.01
8522	-14.95	12.25	39.80	37.56	36.28	38.84	38.84	38.84
8523	-14.95	12.73	39.69	37.45	36.17	38.73	38.73	38.73
8524	-14.95	13.39	39.61	37.29	35.96	38.62	38.62	38.62
8525	-15.39	13.89	39.52	37.08	35.68	38.47	38.47	38.47
8526	-15.27	18.61	39.39	36.87	35.42	38.31	38.31	38.31
8527	-15.27	16.84	39.36	35.98	34.04	37.91	37.91	37.91
8528	-15.27	13.06	38.87	35.83	34.09	37.57	37.57	37.57
8529	-14.93	10.40	38.64	36.29	34.94	37.63	37.63	37.63
8530	-14.58	7.52	38.72	36.85	35.78	37.92	37.92	37.92
8531	-14.58	4.95	38.90	37.54	36.76	38.32	38.32	38.32
8532	-14.58	3.06	39.17	38.28	37.76	38.79	38.79	38.79
8533	-14.08	2.04	39.52	38.96	38.64	39.28	39.28	39.28
8534	-13.67	2.08	39.86	39.59	39.44	39.75	39.75	39.75
8535	-13.67	2.65	40.20	40.25	40.29	40.22	40.22	40.22
8536	-13.67	2.30	40.60	40.60	40.60	40.60	40.60	40.60
8537	-13.03	2.01	40.89	40.58	40.40	40.76	40.76	40.76
8538	-12.46	3.15	40.98	40.60	40.39	40.82	40.82	40.82
8539	-12.46	4.10	41.08	40.49	40.15	40.82	40.82	40.82
8540	-12.46	6.80	41.09	40.32	39.88	40.76	40.76	40.76
8541	-12.24	9.16	41.10	39.83	39.11	40.56	40.56	40.56
8542	-12.13	10.62	40.94	39.23	38.26	40.21	40.21	40.21
8543	-12.13	11.81	40.69	38.71	37.59	39.84	39.84	39.84
8544	-12.13	12.77	40.43	38.25	37.00	39.50	39.50	39.50
8545	-11.83	13.67	40.19	37.83	36.49	39.18	39.18	39.18
8546	-11.41	14.48	39.95	37.44	36.01	38.88	38.88	38.88
8547	-11.41	15.27	39.72	37.08	35.56	38.59	38.59	38.59
8548	-11.41	16.06	39.51	36.72	35.13	38.31	38.31	38.31
8549	-10.92	16.69	39.29	36.37	34.71	38.04	38.04	38.04
8550	-10.78	21.88	39.07	36.05	34.33	37.78	37.78	37.78
8551	-10.78	21.03	38.97	35.02	32.76	37.27	37.27	37.27

8552	-10.78	17.80	38.40	34.63	32.48	36.79	36.79	36.79
8553	-11.04	15.69	38.05	34.87	33.06	36.69	36.69	36.69
8554	-8.07	13.82	38.01	35.21	33.62	36.81	36.81	36.81
8555	-8.07	12.35	38.07	35.60	34.19	37.01	37.01	37.01
8556	-8.07	11.25	38.18	35.98	34.71	37.24	37.24	37.24
8557	-10.27	10.30	38.33	36.31	35.16	37.47	37.47	37.47
8558	-13.62	10.00	38.48	36.63	35.57	37.69	37.69	37.69
8559	-13.62	10.74	38.64	36.84	35.81	37.87	37.87	37.87
8560	-13.62	9.75	38.78	36.84	35.73	37.95	37.95	37.95
8561	-15.46	8.79	38.79	37.03	36.02	38.04	38.04	38.04
8562	-17.41	10.54	38.87	37.28	36.37	38.19	38.19	38.19
8563	-17.41	10.94	39.05	37.14	36.04	38.23	38.23	38.23
8564	-17.41	12.34	39.02	37.03	35.90	38.17	38.17	38.17
8565	-20.25	12.82	39.01	36.77	35.49	38.05	38.05	38.05
8566	-23.28	13.18	38.90	36.58	35.25	37.90	37.90	37.90
8567	-23.28	13.48	38.80	36.42	35.06	37.78	37.78	37.78
8568	-23.28	13.55	38.71	36.28	34.89	37.67	37.67	37.67
8569	-25.70	13.42	38.63	36.19	34.79	37.58	37.58	37.58
8570	-27.76	13.42	38.56	36.14	34.76	37.52	37.52	37.52
8571	-27.76	13.69	38.51	36.10	34.72	37.48	37.48	37.48
8572	-27.76	13.97	38.48	36.02	34.61	37.42	37.42	37.42
8573	-28.57	14.11	38.43	35.92	34.48	37.35	37.35	37.35
8574	-27.43	14.21	38.37	35.83	34.39	37.28	37.28	37.28
8575	-27.43	12.23	38.31	35.76	34.30	37.22	37.22	37.22
8576	-27.43	10.78	38.21	36.02	34.77	37.27	37.27	37.27
8577	-26.64	10.54	38.28	36.35	35.24	37.45	37.45	37.45
8578	-26.46	10.32	38.43	36.53	35.45	37.61	37.61	37.61
8579	-26.46	9.91	38.52	36.66	35.60	37.73	37.73	37.73
8580	-26.46	9.52	38.60	36.81	35.79	37.83	37.83	37.83
8581	-26.05	9.41	38.67	36.95	35.97	37.93	37.93	37.93
8582	-25.28	9.24	38.76	37.05	36.08	38.03	38.03	38.03
8583	-25.28	9.87	38.82	37.15	36.19	38.10	38.10	38.10
8584	-25.28	11.30	38.89	37.11	36.09	38.13	38.13	38.13
8585	-24.33	11.37	38.93	36.88	35.71	38.05	38.05	38.05
8586	-23.53	12.21	38.83	36.77	35.60	37.95	37.95	37.95
8587	-23.53	12.56	38.80	36.59	35.33	37.85	37.85	37.85
8588	-23.53	13.47	38.71	36.44	35.14	37.74	37.74	37.74
8589	-23.20	13.46	38.64	36.21	34.82	37.60	37.60	37.60
8590	-22.82	13.56	38.52	36.10	34.71	37.48	37.48	37.48

8591	-22.82	13.81	38.44	36.00	34.61	37.40	37.40	37.40
8592	-22.82	14.08	38.38	35.90	34.48	37.31	37.31	37.31
8593	-22.47	14.16	38.31	35.79	34.34	37.23	37.23	37.23
8594	-21.95	14.04	38.24	35.70	34.25	37.15	37.15	37.15
8595	-21.95	13.89	38.17	35.66	34.22	37.09	37.09	37.09
8596	-21.95	13.90	38.13	35.64	34.22	37.06	37.06	37.06
8597	-21.37	13.93	38.10	35.61	34.19	37.03	37.03	37.03
8598	-20.95	13.95	38.07	35.58	34.16	37.00	37.00	37.00
8599	-20.95	18.71	38.04	35.55	34.12	36.97	36.97	36.97
8600	-20.95	18.81	38.11	34.77	32.86	36.68	36.68	36.68
8601	-20.40	17.38	37.74	34.39	32.48	36.31	36.31	36.31
8602	-19.00	16.17	37.48	34.40	32.64	36.16	36.16	36.16
8603	-19.00	15.47	37.40	34.54	32.90	36.17	36.17	36.17
8604	-19.00	15.59	37.40	34.67	33.10	36.23	36.23	36.23
8605	-20.17	12.31	37.44	34.68	33.10	36.26	36.26	36.26
8606	-22.10	10.92	37.37	35.19	33.94	36.43	36.43	36.43
8607	-22.10	12.17	37.56	35.62	34.51	36.73	36.73	36.73
8608	-22.10	13.13	37.80	35.63	34.39	36.87	36.87	36.87
8609	-24.02	13.96	37.86	35.52	34.18	36.86	36.86	36.86
8610	-25.44	14.69	37.85	35.36	33.93	36.78	36.78	36.78
8611	-25.44	15.34	37.80	35.18	33.68	36.67	36.67	36.67
8612	-25.44	15.93	37.72	34.99	33.43	36.55	36.55	36.55
8613	-26.88	16.31	37.63	34.80	33.18	36.42	36.42	36.42
8614	-28.10	16.70	37.53	34.63	32.98	36.29	36.29	36.29
8615	-28.10	17.41	37.43	34.48	32.79	36.17	36.17	36.17
8616	-28.10	18.28	37.35	34.27	32.51	36.03	36.03	36.03
8617	-28.36	19.01	37.24	34.01	32.17	35.86	35.86	35.86
8618	-27.97	19.55	37.10	33.75	31.84	35.67	35.67	35.67
8619	-27.97	20.07	36.95	33.51	31.55	35.48	35.48	35.48
8620	-27.97	20.57	36.81	33.29	31.28	35.30	35.30	35.30
8621	-26.50	21.06	36.67	33.07	31.01	35.13	35.13	35.13
8622	-23.83	21.72	36.53	32.85	30.75	34.95	34.95	34.95
8623	-23.83	22.13	36.39	32.61	30.45	34.77	34.77	34.77
8624	-23.83	21.48	36.24	32.40	30.20	34.59	34.59	34.59
8625	-23.17	19.66	36.08	32.35	30.23	34.48	34.48	34.48
8626	-23.32	17.11	35.97	32.57	30.62	34.51	34.51	34.51
8627	-23.32	15.44	35.98	33.01	31.32	34.71	34.71	34.71
8628	-23.32	14.40	36.12	33.44	31.91	34.98	34.98	34.98
8629	-22.94	13.36	36.31	33.80	32.37	35.23	35.23	35.23



8630	-22.09	12.96	36.48	34.14	32.81	35.48	35.48	35.48
8631	-22.09	12.76	36.66	34.39	33.09	35.69	35.69	35.69
8632	-22.09	13.19	36.81	34.56	33.28	35.85	35.85	35.85
8633	-21.00	14.57	36.94	34.61	33.28	35.94	35.94	35.94
8634	-20.06	15.41	37.02	34.45	32.98	35.92	35.92	35.92
8635	-20.06	15.32	36.99	34.27	32.72	35.83	35.83	35.83
8636	-20.06	15.61	36.92	34.22	32.68	35.76	35.76	35.76
8637	-19.06	15.86	36.89	34.14	32.57	35.71	35.71	35.71
8638	-18.05	16.27	36.86	34.07	32.47	35.66	35.66	35.66
8639	-18.05	16.90	36.82	33.96	32.33	35.59	35.59	35.59
8640	-18.05	17.36	36.78	33.81	32.11	35.50	35.50	35.50
8641	-17.81	17.99	36.70	33.66	31.92	35.40	35.40	35.40
8642	-17.82	18.29	36.63	33.47	31.67	35.27	35.27	35.27
8643	-17.82	18.40	36.53	33.33	31.50	35.15	35.15	35.15
8644	-17.82	18.48	36.43	33.22	31.38	35.06	35.06	35.06
8645	-17.79	18.68	36.36	33.13	31.29	34.98	34.98	34.98
8646	-17.86	23.65	36.30	33.04	31.18	34.90	34.90	34.90
8647	-17.86	22.31	36.33	32.21	29.86	34.56	34.56	34.56
8648	-17.86	18.00	35.90	32.03	29.82	34.24	34.24	34.24
8649	-17.91	14.10	35.66	32.55	30.78	34.33	34.33	34.33
8650	-17.18	11.14	35.76	33.32	31.93	34.72	34.72	34.72
8651	-17.18	9.22	36.04	34.11	33.00	35.21	35.21	35.21
8652	-17.18	7.88	36.40	34.79	33.87	35.71	35.71	35.71
8653	-18.74	6.70	36.75	35.36	34.57	36.15	36.15	36.15
8654	-20.59	5.69	37.06	35.88	35.20	36.56	36.56	36.56
8655	-20.59	6.05	37.37	36.36	35.78	36.93	36.93	36.93
8656	-20.59	5.65	37.68	36.60	35.98	37.22	37.22	37.22
8657	-22.04	4.63	37.87	36.86	36.28	37.44	37.44	37.44
8658	-23.56	6.73	38.05	37.21	36.74	37.69	37.69	37.69
8659	-23.56	8.38	38.32	37.11	36.41	37.80	37.80	37.80
8660	-23.56	10.59	38.38	36.87	36.00	37.73	37.73	37.73
8661	-25.06	11.74	38.36	36.45	35.36	37.54	37.54	37.54
8662	-26.45	12.74	38.22	36.11	34.90	37.31	37.31	37.31
8663	-26.45	13.49	38.08	35.79	34.48	37.10	37.10	37.10
8664	-26.45	13.83	37.93	35.52	34.14	36.89	36.89	36.89
8665	-27.26	14.12	37.78	35.31	33.90	36.73	36.73	36.73
8666	-27.35	14.17	37.67	35.15	33.71	36.59	36.59	36.59
8667	-27.35	13.99	37.56	35.04	33.60	36.48	36.48	36.48
8668	-27.35	13.77	37.48	34.99	33.57	36.41	36.41	36.41

8669	-26.34	13.51	37.43	34.98	33.58	36.38	36.38	36.38
8670	-23.89	17.70	37.39	35.00	33.63	36.37	36.37	36.37
8671	-23.89	15.71	37.47	34.33	32.54	36.13	36.13	36.13
8672	-23.89	12.74	37.12	34.34	32.75	35.93	35.93	35.93
8673	-23.32	11.51	37.01	34.77	33.48	36.05	36.05	36.05
8674	-23.57	10.28	37.15	35.12	33.96	36.28	36.28	36.28
8675	-23.57	8.98	37.29	35.47	34.43	36.51	36.51	36.51
8676	-23.57	7.52	37.44	35.85	34.94	36.76	36.76	36.76
8677	-22.94	6.51	37.62	36.28	35.51	37.04	37.04	37.04
8678	-21.29	6.54	37.84	36.67	36.01	37.34	37.34	37.34
8679	-21.29	7.72	38.07	36.90	36.23	37.57	37.57	37.57
8680	-21.29	6.80	38.26	36.87	36.07	37.66	37.66	37.66
8681	-19.61	4.83	38.28	37.06	36.36	37.76	37.76	37.76
8682	-18.78	5.88	38.36	37.49	36.99	37.99	37.99	37.99
8683	-18.78	6.28	38.62	37.56	36.95	38.16	38.16	38.16
8684	-18.78	7.25	38.71	37.57	36.92	38.22	38.22	38.22
8685	-18.30	7.53	38.78	37.47	36.72	38.22	38.22	38.22
8686	-18.12	7.99	38.78	37.41	36.63	38.19	38.19	38.19
8687	-18.12	8.25	38.78	37.33	36.50	38.16	38.16	38.16
8688	-18.12	8.47	38.76	37.26	36.41	38.12	38.12	38.12
8689	-18.42	8.67	38.74	37.21	36.33	38.08	38.08	38.08
8690	-18.80	8.69	38.72	37.15	36.26	38.05	38.05	38.05
8691	-18.80	8.82	38.70	37.13	36.23	38.03	38.03	38.03
8692	-18.80	8.76	38.70	37.10	36.19	38.01	38.01	38.01
8693	-19.02	8.84	38.68	37.10	36.19	38.00	38.00	38.00
8694	-19.10	14.23	38.68	37.08	36.17	38.00	38.00	38.00
8695	-19.10	13.49	38.79	36.22	34.74	37.69	37.69	37.69
8696	-19.10	11.33	38.38	35.95	34.56	37.34	37.34	37.34
8697	-19.07	10.72	38.16	36.13	34.97	37.29	37.29	37.29
8698	-18.38	10.30	38.19	36.26	35.17	37.36	37.36	37.36
8699	-18.38	9.59	38.22	36.37	35.31	37.43	37.43	37.43
8700	-18.38	7.79	38.25	36.52	35.54	37.51	37.51	37.51
8701	-19.90	5.82	38.28	36.88	36.08	37.68	37.68	37.68
8702	-21.80	4.91	38.41	37.36	36.76	37.96	37.96	37.96
8703	-21.80	5.80	38.64	37.75	37.24	38.26	38.26	38.26
8704	-21.80	5.87	38.88	37.83	37.23	38.43	38.43	38.43
8705	-23.74	4.97	38.97	37.90	37.29	38.51	38.51	38.51
8706	-25.17	6.88	39.03	38.12	37.60	38.64	38.64	38.64
8707	-25.17	8.68	39.20	37.94	37.23	38.66	38.66	38.66

8708	-25.17	11.02	39.19	37.61	36.70	38.51	38.51	38.51
8709	-26.24	12.37	39.11	37.10	35.95	38.25	38.25	38.25
8710	-27.03	13.41	38.90	36.65	35.37	37.93	37.93	37.93
8711	-27.03	14.18	38.68	36.26	34.87	37.64	37.64	37.64
8712	-27.03	14.88	38.47	35.92	34.46	37.38	37.38	37.38
8713	-27.46	15.69	38.28	35.61	34.08	37.13	37.13	37.13
8714	-27.73	15.98	38.10	35.29	33.68	36.89	36.89	36.89
8715	-27.73	16.59	37.90	35.05	33.42	36.68	36.68	36.68
8716	-27.73	17.15	37.75	34.80	33.11	36.48	36.48	36.48
8717	-26.99	17.36	37.59	34.54	32.80	36.29	36.29	36.29
8718	-24.49	22.60	37.43	34.35	32.59	36.11	36.11	36.11
8719	-24.49	21.55	37.39	33.39	31.11	35.68	35.68	35.68
8720	-24.49	17.66	36.88	33.09	30.92	35.25	35.25	35.25
8721	-23.69	14.07	36.57	33.48	31.71	35.24	35.24	35.24
8722	-23.78	10.42	36.58	34.12	32.72	35.53	35.53	35.53
8723	-23.78	7.12	36.77	34.94	33.89	35.98	35.98	35.98
8724	-23.78	4.75	37.08	35.82	35.10	36.54	36.54	36.54
8725	-23.12	3.24	37.48	36.64	36.15	37.12	37.12	37.12
8726	-22.34	2.42	37.90	37.32	36.99	37.65	37.65	37.65
8727	-22.34	3.13	38.29	37.86	37.61	38.10	38.10	38.10
8728	-22.34	3.54	38.65	38.09	37.76	38.41	38.41	38.41
8729	-21.25	3.17	38.87	38.22	37.86	38.59	38.59	38.59
8730	-20.48	5.25	39.01	38.43	38.10	38.76	38.76	38.76
8731	-20.48	6.97	39.21	38.25	37.70	38.80	38.80	38.80
8732	-20.48	8.51	39.23	37.95	37.23	38.68	38.68	38.68
8733	-20.42	8.79	39.16	37.61	36.72	38.50	38.50	38.50
8734	-20.31	9.71	39.02	37.42	36.50	38.33	38.33	38.33
8735	-20.31	10.74	38.94	37.18	36.17	38.19	38.19	38.19
8736	-20.31	11.92	38.84	36.90	35.78	38.01	38.01	38.01
8737	-19.94	13.11	38.72	36.56	35.33	37.80	37.80	37.80
8738	-19.02	13.09	38.57	36.20	34.85	37.55	37.55	37.55
8739	-19.02	13.33	38.36	36.01	34.66	37.35	37.35	37.35
8740	-19.02	14.02	38.24	35.84	34.48	37.21	37.21	37.21
8741	-18.11	13.88	38.13	35.62	34.19	37.06	37.06	37.06
8742	-17.11	18.45	37.99	35.51	34.09	36.93	36.93	36.93
8743	-17.11	17.27	38.00	34.70	32.82	36.58	36.58	36.58
8744	-17.11	13.51	37.57	34.50	32.74	36.25	36.25	36.25
8745	-15.97	10.08	37.32	34.93	33.57	36.30	36.30	36.30
8746	-14.57	7.05	37.39	35.60	34.58	36.62	36.62	36.62

8747	-14.57	4.64	37.61	36.36	35.64	37.08	37.08	37.08
8748	-14.57	2.75	37.93	37.10	36.63	37.58	37.58	37.58
8749	-15.21	2.02	38.29	37.80	37.51	38.08	38.08	38.08
8750	-16.58	1.92	38.66	38.40	38.24	38.55	38.55	38.55
8751	-16.58	2.43	39.01	38.86	38.77	38.95	38.95	38.95
8752	-16.58	2.36	39.34	39.04	38.87	39.21	39.21	39.21
8753	-18.34	2.04	39.53	39.10	38.86	39.34	39.34	39.34
8754	-20.10	3.55	39.63	39.25	39.04	39.47	39.47	39.47
8755	-20.10	4.86	39.78	39.13	38.76	39.50	39.50	39.50
8756	-20.10	6.78	39.81	38.92	38.41	39.43	39.43	39.43
8757	-21.89	7.60	39.79	38.54	37.83	39.25	39.25	39.25
8758	-23.52	7.57	39.65	38.25	37.46	39.05	39.05	39.05
8759	-23.52	7.56	39.51	38.12	37.33	38.92	38.92	38.92
8760	-23.52	10.47	39.44	38.05	37.26	38.84	38.84	38.84