

walking gait	Kinematic parameters	$\alpha$		$\beta$	
		means	s.d	means	s.d
	<b>Stance period</b>				
	0%	154.97	7.48	160.44	6.12
	1%	156.95	8.22	157.63	5.60
	2%	159.03	7.39	154.53	5.66
	3%	159.77	8.77	152.34	6.23
	4%	160.10	8.67	151.30	6.28
	5%	160.41	8.64	150.62	6.35
	6%	161.48	8.54	149.79	6.14
	7%	164.02	7.41	148.12	5.03
	8%	164.72	7.88	147.63	5.33
	9%	165.87	7.93	147.63	5.42
	10%	166.22	7.79	147.63	5.47
	11%	166.57	7.40	147.62	5.72
	12%	166.42	7.57	147.65	5.95
	13%	166.48	7.44	147.96	6.39
	14%	166.25	7.53	148.66	7.12
	15%	165.47	8.81	149.18	7.60
	16%	165.43	8.34	149.26	7.79
	17%	165.69	7.59	148.99	7.98
	18%	166.03	6.99	148.81	8.20
	19%	166.18	6.44	148.61	8.39
	20%	166.27	6.31	148.35	8.49
	21%	166.46	6.49	147.91	8.56
	22%	166.49	6.69	147.43	8.68
	23%	166.22	6.95	146.88	8.75
	24%	166.07	7.04	146.53	8.50
	25%	165.91	6.99	146.25	8.17
	26%	165.97	6.71	146.14	7.88
	27%	165.86	6.76	145.93	7.67
	28%	166.28	6.24	145.69	7.85
	29%	166.57	6.15	145.36	7.99
	30%	166.84	6.06	145.17	8.18
	31%	167.20	5.98	144.85	8.35
	32%	167.05	6.18	144.73	8.54
	33%	166.59	6.66	144.40	8.50
	34%	166.50	6.58	143.94	8.24
	35%	166.70	6.29	143.60	8.28

36%	166.74	6.32	142.98	8.10
37%	166.44	6.55	142.73	8.15
38%	166.28	6.71	142.48	8.09
39%	166.31	6.42	142.20	8.03
40%	166.53	5.98	141.91	8.06
41%	166.70	5.64	141.57	8.00
42%	166.49	5.42	141.26	8.13
43%	166.07	5.43	140.89	8.32
44%	165.97	5.44	140.59	8.34
45%	166.32	5.19	140.15	8.32
46%	166.72	4.95	139.64	8.25
47%	166.69	5.34	139.17	8.20
48%	166.67	5.44	138.65	8.33
49%	166.60	5.59	138.00	8.27
50%	167.09	4.93	137.43	8.25
51%	167.01	4.83	137.03	8.34
52%	166.89	4.69	136.65	8.21
53%	167.26	4.02	136.10	7.77
54%	167.47	4.07	135.92	7.76
55%	167.96	4.55	135.66	7.76
56%	168.17	4.72	135.33	7.75
57%	168.26	4.87	135.00	7.78
58%	168.13	4.81	134.48	7.72
59%	168.06	5.15	133.99	7.74
60%	167.89	5.05	133.36	7.68
61%	167.45	5.33	132.71	7.64
62%	167.80	4.63	131.89	7.20
63%	167.62	4.66	131.11	6.84
64%	167.69	5.04	130.49	6.90
65%	167.56	5.33	129.70	6.79
66%	167.15	5.59	128.85	6.75
67%	167.28	5.79	128.28	6.72
68%	166.92	5.98	127.72	6.68
69%	166.82	6.21	127.01	6.73
70%	166.62	6.42	126.35	6.52
71%	166.74	6.25	125.46	6.11
72%	166.60	6.17	125.07	6.48
73%	166.90	6.33	124.91	7.00

74%	166.77	6.19	124.47	7.22
75%	166.72	6.09	123.70	7.20
76%	167.01	5.88	122.75	7.15
77%	166.96	5.71	121.62	6.94
78%	167.22	5.50	120.51	6.50
79%	167.00	5.54	119.06	6.11
80%	166.54	5.44	117.85	6.07
81%	165.99	5.55	117.27	6.26
82%	164.94	5.95	117.01	7.05
83%	163.40	6.32	117.42	8.06
84%	161.58	7.38	118.06	9.07
85%	159.74	8.34	119.04	9.63
86%	157.80	9.24	119.17	9.85
87%	155.79	10.11	119.89	10.27
88%	153.67	10.13	120.85	10.25
89%	150.11	10.39	123.24	10.46
90%	147.36	10.27	125.94	10.46
91%	143.31	11.06	129.55	11.18
92%	138.69	11.40	134.08	11.00
93%	135.85	11.02	139.90	10.65
94%	133.62	10.71	145.28	10.58
95%	132.18	11.64	149.55	9.85
96%	133.17	10.01	154.54	8.93
97%	135.85	9.24	160.03	6.93
98%	139.00	9.05	164.32	6.28
99%	143.80	9.07	168.20	6.45
100%	147.86	10.43	168.07	9.03

Running gait	Kinematic parameters	$\alpha$		$\beta$	
		means	s.d	means	s.d
	<b>Stance period</b>				
	0%	153.49	9.66	156.39	9.35
	1%	154.37	8.98	156.57	9.02
	2%	153.95	9.47	156.34	8.62
	3%	154.16	9.66	156.63	9.43
	4%	154.82	10.03	156.76	11.46
	5%	156.13	9.37	156.11	12.64
	6%	157.43	8.96	154.63	12.77
	7%	158.61	9.09	152.73	12.71

8%	159.44	9.33	151.02	12.81
9%	160.01	9.64	150.07	13.01
10%	160.57	10.01	149.05	13.11
11%	161.12	10.24	148.00	13.30
12%	161.71	10.35	146.94	13.63
13%	162.25	10.35	145.91	14.04
14%	162.67	10.43	145.08	14.36
15%	162.91	10.66	144.45	14.54
16%	163.13	10.93	144.01	14.48
17%	163.30	11.27	143.93	14.18
18%	163.58	11.24	143.95	13.88
19%	163.92	10.97	144.12	13.70
20%	164.36	10.44	144.32	13.64
21%	164.72	10.00	144.69	13.72
22%	164.93	9.69	145.20	13.97
23%	165.10	9.52	145.74	14.34
24%	165.20	9.47	146.21	14.74
25%	165.33	9.42	146.61	15.07
26%	165.41	9.37	146.90	15.26
27%	165.46	9.46	147.22	15.44
28%	165.52	9.79	147.56	15.62
29%	165.61	10.08	147.88	15.82
30%	165.72	10.12	148.06	15.98
31%	165.72	9.92	148.19	16.15
32%	165.58	9.81	148.31	16.36
33%	165.39	9.97	148.53	16.59
34%	165.24	10.24	148.80	16.83
35%	164.87	10.79	148.95	16.97
36%	164.53	11.22	149.03	17.04
37%	164.14	11.55	149.05	17.06
38%	164.14	11.04	149.00	17.10
39%	164.14	10.56	148.83	17.18
40%	164.22	10.15	148.65	17.22
41%	164.43	9.82	148.44	17.22
42%	164.70	9.62	148.33	17.12
43%	165.00	9.37	148.04	17.08
44%	164.96	9.28	147.48	17.00
45%	165.08	9.03	146.79	16.99

46%	165.19	8.88	146.12	16.88
47%	165.49	8.72	145.58	16.77
48%	165.55	8.56	144.90	16.58
49%	165.73	8.18	144.35	16.35
50%	166.06	7.79	144.15	16.50
51%	165.92	7.55	143.77	16.96
52%	165.70	7.43	142.69	16.60
53%	165.69	7.23	141.57	16.19
54%	165.79	7.06	140.35	15.66
55%	166.04	6.98	139.00	15.04
56%	166.16	7.04	137.50	14.38
57%	166.30	7.15	135.72	13.56
58%	166.38	7.27	133.86	12.87
59%	166.55	7.47	131.78	12.05
60%	166.63	7.70	129.92	11.64
61%	166.57	7.90	128.28	11.17
62%	166.34	8.04	126.82	10.70
63%	166.18	8.02	125.23	9.60
64%	165.89	7.93	123.72	8.48
65%	165.41	7.81	122.46	7.93
66%	164.91	7.73	121.54	7.74
67%	164.31	7.78	120.74	7.81
68%	163.69	7.85	119.99	8.14
69%	162.97	7.95	119.46	8.75
70%	162.10	8.17	119.31	9.13
71%	161.06	8.39	119.81	8.95
72%	159.73	8.50	120.57	8.91
73%	157.89	8.36	122.06	9.18
74%	155.73	8.12	123.43	9.25
75%	153.35	8.25	125.08	9.45
76%	151.17	8.80	126.66	9.82
77%	149.08	9.32	128.26	10.19
78%	146.77	9.46	130.10	10.46
79%	144.29	9.22	132.21	10.49
80%	141.83	9.07	134.36	10.54
81%	139.25	9.16	136.69	10.60
82%	137.12	9.31	138.47	11.07
83%	135.36	9.23	140.25	11.70

84%	134.06	9.07	142.05	12.32
85%	133.05	8.98	144.41	12.06
86%	132.25	9.02	147.27	11.15
87%	131.41	8.96	149.62	11.13
88%	131.34	9.75	151.37	12.04
89%	132.11	10.60	153.17	12.86
90%	133.00	10.88	154.63	13.62
91%	135.41	11.47	156.10	11.39
92%	136.87	10.98	157.69	9.77
93%	139.04	11.29	157.85	9.79
94%	140.37	11.26	159.18	9.98
95%	142.05	10.86	159.96	10.67
96%	143.28	9.83	161.47	10.81
97%	145.23	8.26	162.82	10.22
98%	148.05	8.20	163.03	10.46
99%	151.35	8.24	162.89	11.85
100%	152.32	10.68	160.90	13.93

$\gamma$		$\theta$		$\phi$		$\psi$		$z$
means	s.d	means	s.d	means	s.d	means	s.d	means
168.83	5.42	141.11	7.30	167.18	7.40	15.16	6.21	14.89
167.18	5.05	139.21	7.88	167.56	6.48	14.64	5.63	14.20
164.74	4.50	136.57	8.56	166.18	7.55	17.20	7.13	13.55
162.37	4.58	133.61	8.26	165.97	8.99	18.82	8.06	13.07
160.95	4.45	131.42	7.87	166.30	9.34	19.47	8.20	12.76
160.00	4.36	129.78	7.77	166.77	9.71	20.10	8.82	12.55
159.57	4.55	128.58	7.72	166.33	10.34	21.25	8.71	12.41
158.96	5.06	127.07	7.69	166.11	10.41	21.98	8.69	12.30
158.15	5.36	125.95	7.52	165.69	10.10	22.71	8.80	12.19
157.65	5.57	125.19	7.56	164.96	10.10	22.94	8.97	12.10
157.03	5.62	124.54	7.57	164.64	10.05	23.53	8.96	12.04
156.60	5.71	123.83	7.56	164.03	10.22	23.85	8.82	12.02
156.02	5.69	123.18	7.49	163.66	9.95	23.85	9.01	12.04
155.20	5.74	122.66	7.31	163.50	10.01	24.06	9.47	12.04
153.90	6.02	121.76	6.93	163.35	9.96	23.98	9.83	12.06
152.82	6.34	120.64	6.62	163.02	9.74	23.98	9.72	12.08
152.05	6.19	119.73	6.58	163.08	9.69	24.82	9.39	12.10
151.49	6.04	118.98	6.76	162.85	9.57	25.18	9.05	12.13
150.79	5.86	118.31	6.99	162.72	9.25	25.28	8.68	12.15
150.18	5.76	117.79	7.13	162.44	9.34	25.17	8.55	12.20
149.45	5.54	117.28	7.22	162.38	9.24	25.00	8.68	12.29
148.99	5.50	116.73	7.20	162.62	9.43	24.96	8.81	12.38
148.63	5.79	116.38	7.12	162.88	9.53	24.99	8.79	12.49
148.17	6.58	115.93	7.21	162.79	10.16	25.33	9.36	12.59
148.34	5.93	115.33	7.32	162.24	11.20	25.67	10.09	12.71
147.80	6.48	115.02	7.10	161.75	10.89	26.01	10.18	12.87
147.31	6.95	114.66	6.69	162.05	9.76	26.11	9.35	12.96
147.17	6.58	114.77	6.43	162.33	8.74	26.02	8.24	13.10
147.28	6.23	115.01	6.44	162.50	8.60	25.84	7.65	13.24
147.14	6.49	115.33	6.80	162.17	8.95	25.62	7.42	13.41
146.83	6.66	115.55	7.07	161.69	9.53	25.53	7.19	13.54
146.30	6.64	115.48	6.92	161.36	9.57	25.52	7.21	13.68
145.78	6.77	115.35	6.87	161.21	9.80	25.41	7.13	13.83
145.62	6.58	115.22	6.86	161.38	10.00	25.24	7.43	13.94
145.42	6.34	115.14	6.93	161.43	10.34	25.39	7.86	14.10
145.20	6.14	115.11	7.11	161.57	10.40	25.52	8.21	14.18

144.74	6.36	114.79	7.29	161.85	10.42	25.43	8.09	14.28
144.78	6.22	115.03	7.56	161.92	10.80	25.52	8.16	14.39
144.78	6.26	115.16	8.05	161.80	11.03	25.91	8.20	14.46
144.88	6.36	115.10	8.61	161.26	11.85	26.28	8.12	14.53
144.83	6.35	115.21	8.88	160.49	12.08	26.60	8.02	14.59
144.56	6.39	115.53	9.39	159.71	12.43	26.77	7.71	14.65
144.36	6.39	115.66	9.60	158.62	13.19	26.99	7.43	14.71
144.24	6.40	115.75	9.52	157.55	13.90	27.10	7.27	14.77
144.06	6.31	115.89	9.32	156.79	13.87	27.21	7.13	14.84
143.98	6.18	116.07	9.12	156.43	13.57	27.30	7.14	14.93
144.10	5.89	116.09	9.21	157.16	11.69	27.10	7.17	15.03
144.32	5.41	116.19	9.21	157.62	10.64	27.24	7.45	15.13
144.21	5.44	116.65	8.07	158.15	9.92	27.26	7.66	15.24
144.27	5.54	116.73	8.00	158.36	10.13	27.16	7.94	15.31
144.28	5.74	116.77	8.06	158.55	10.46	27.25	8.14	15.43
144.14	5.96	116.90	8.04	158.09	9.81	27.56	8.11	15.55
144.03	6.20	117.08	8.21	157.92	9.66	27.48	7.90	15.62
143.92	6.53	117.05	8.20	158.11	9.83	27.28	7.94	15.72
143.78	6.79	117.45	8.22	157.84	9.52	27.24	7.94	15.84
143.85	6.68	117.67	8.35	157.27	9.82	27.42	7.72	15.92
143.96	6.51	117.89	8.42	156.96	10.22	27.64	7.49	16.03
144.05	6.40	118.29	8.45	157.05	10.59	27.77	7.16	16.13
144.10	6.29	118.21	7.95	157.81	10.90	27.75	6.98	16.22
144.16	6.21	118.42	7.85	157.98	11.15	28.01	6.97	16.33
144.14	6.22	118.57	7.78	157.89	11.45	28.35	6.98	16.46
144.39	5.68	118.78	7.62	157.98	11.66	28.73	7.16	16.57
144.58	5.39	118.83	7.40	158.16	11.98	29.21	7.53	16.70
144.57	5.27	118.79	7.47	158.39	12.65	29.36	7.57	16.84
144.66	5.19	118.67	7.32	157.38	14.14	30.33	8.84	16.95
145.00	4.97	118.57	7.31	159.09	12.63	30.75	9.02	17.11
145.38	4.80	118.47	7.25	159.50	12.20	30.85	8.80	17.26
145.69	4.70	118.57	7.13	159.35	12.71	31.37	8.87	17.40
145.80	4.67	118.99	7.10	158.94	13.06	31.82	8.72	17.54
146.09	4.97	119.43	7.11	158.65	12.72	32.14	8.46	17.67
146.11	5.22	119.71	7.26	158.61	12.34	32.65	8.52	17.81
146.14	5.07	120.08	7.77	158.61	11.53	33.22	8.06	17.95
146.17	5.29	121.17	7.83	158.51	11.11	33.25	7.71	18.13
145.88	5.61	121.61	7.39	158.44	9.63	33.43	7.79	18.30



145.65	6.04	122.00	7.36	157.87	9.23	34.38	8.63	18.47
146.06	6.50	122.44	7.55	157.76	8.63	34.52	8.93	18.69
146.70	6.79	123.39	8.08	157.17	9.59	35.02	9.08	18.92
147.33	7.12	124.38	8.64	157.47	10.18	35.76	8.97	19.19
147.86	7.10	124.94	8.45	158.37	9.48	36.50	8.88	19.45
149.20	7.04	125.05	8.54	160.16	8.80	37.24	8.64	19.72
150.36	7.53	125.46	8.34	161.59	7.88	38.19	8.32	20.04
151.35	7.49	125.95	8.73	163.18	7.33	38.98	7.62	20.38
152.30	7.32	126.83	9.10	164.11	6.89	39.97	7.32	20.72
153.18	7.35	127.47	9.02	165.74	7.14	40.28	7.99	21.09
154.14	7.41	129.05	9.13	165.83	6.19	40.35	8.07	21.51
155.75	7.26	130.24	9.19	166.72	5.71	39.78	8.42	21.90
159.19	9.07	132.09	9.21	167.33	5.65	39.27	8.93	22.31
161.24	8.50	133.88	9.27	167.79	5.61	39.49	8.99	22.73
165.91	12.08	136.21	9.64	167.98	5.34	39.02	9.91	23.20
168.78	12.10	139.60	9.79	168.31	5.76	37.86	10.28	23.69
171.34	12.63	143.03	10.01	168.60	5.14	35.56	11.07	24.25
175.79	13.08	147.00	10.12	168.51	5.16	32.96	11.55	24.90
178.97	12.39	151.41	10.05	168.88	4.87	30.58	11.32	25.51
184.85	11.59	156.19	9.73	169.65	5.47	28.16	10.25	26.15
191.43	9.22	161.05	8.99	169.21	5.72	25.57	9.65	26.83
195.26	7.46	165.66	7.39	170.41	5.57	23.37	9.06	27.57
198.04	7.61	169.10	5.66	169.77	5.67	20.27	9.31	28.30
200.83	7.72	170.92	4.07	168.96	5.28	18.98	7.94	29.05
203.66	8.10	171.43	4.25	168.72	4.47	17.59	7.97	29.84
206.09	8.78	169.66	4.92	167.84	5.29	16.95	8.21	30.61
207.49	8.92	164.17	5.16	166.74	5.73	16.28	7.91	31.29

$\gamma$		$\theta$		$\phi$		$\psi$		$z$
means	s.d	means	s.d	means	s.d	means	s.d	means
163.79	6.61	127.38	6.97	160.19	9.82	14.04	6.96	18.19
164.05	6.87	128.08	5.69	163.91	8.72	13.49	8.05	17.92
163.85	7.06	128.10	5.35	165.97	7.97	14.84	8.33	17.59
163.36	6.99	127.82	5.34	166.36	6.76	15.64	8.10	17.21
162.56	6.80	126.74	5.40	166.67	6.46	16.00	7.97	16.81
161.67	6.78	125.63	5.81	166.94	6.91	16.04	7.72	16.43
160.57	6.84	124.45	6.25	167.47	7.49	16.25	7.56	16.07
159.45	7.13	123.37	6.82	167.77	7.55	16.61	7.43	15.75

158.53	7.24	122.31	7.41	167.93	7.41	17.07	7.52	15.46
157.65	7.00	121.25	7.91	168.03	7.45	17.52	7.76	15.18
157.02	6.48	120.29	8.47	167.91	7.58	17.90	8.10	14.89
156.21	6.29	119.30	9.01	167.69	7.66	18.21	8.43	14.62
155.27	6.27	118.28	9.50	167.41	7.64	18.41	8.77	14.37
154.36	6.29	117.28	9.84	167.20	7.47	18.55	9.08	14.15
153.47	6.32	116.23	10.04	167.10	7.19	18.74	9.35	13.94
152.55	6.30	115.21	10.21	167.05	6.75	19.00	9.51	13.74
151.66	6.21	114.28	10.35	166.96	6.20	19.22	9.65	13.55
150.79	6.11	113.49	10.47	166.81	5.53	19.40	9.82	13.40
149.98	6.05	112.81	10.46	166.70	4.81	19.52	10.07	13.24
149.13	5.97	112.18	10.38	166.66	4.21	19.60	10.35	13.11
148.20	5.86	111.57	10.20	166.62	3.76	19.62	10.60	12.99
147.16	5.66	110.96	10.05	166.51	3.58	19.58	10.83	12.87
146.04	5.55	110.34	9.89	166.40	3.58	19.51	10.99	12.75
144.98	5.57	109.70	9.71	166.36	3.67	19.39	11.10	12.63
144.10	5.65	109.05	9.49	166.46	3.71	19.27	11.10	12.54
143.36	5.67	108.38	9.25	166.58	3.82	19.22	10.99	12.45
142.69	5.58	107.67	9.01	166.74	4.02	19.22	10.78	12.37
141.90	5.56	106.89	8.68	166.97	4.27	19.26	10.49	12.30
140.93	5.71	106.08	8.23	167.27	4.58	19.29	10.13	12.24
139.97	5.92	105.25	7.76	167.60	4.99	19.36	9.78	12.19
139.29	5.78	104.49	7.37	167.92	5.44	19.49	9.48	12.14
138.62	5.64	103.81	7.14	168.19	5.83	19.68	9.22	12.09
137.96	5.52	103.21	7.09	168.37	6.06	19.94	8.98	12.06
137.21	5.49	102.59	7.17	168.48	6.23	20.23	8.74	12.04
136.35	5.51	102.00	7.32	168.55	6.36	20.54	8.52	12.04
135.62	5.44	101.46	7.47	168.61	6.52	20.85	8.32	12.06
134.93	5.38	100.98	7.61	168.65	6.67	21.14	8.16	12.09
134.36	5.29	100.60	7.71	168.61	6.79	21.41	8.03	12.14
133.91	5.24	100.29	7.80	168.46	6.82	21.67	7.95	12.19
133.59	5.24	100.08	7.87	168.21	6.70	21.92	7.92	12.25
133.21	5.18	99.96	7.89	167.94	6.41	22.14	7.93	12.33
132.81	5.06	99.97	7.87	167.63	6.14	22.32	7.94	12.42
132.44	4.93	100.09	7.87	167.26	6.03	22.44	8.03	12.52
132.22	4.88	100.30	7.90	166.83	6.09	22.54	8.16	12.63
132.23	4.83	100.57	7.93	166.40	6.27	22.60	8.34	12.74
132.21	4.89	100.93	7.97	166.01	6.52	22.60	8.57	12.87

132.21	4.96	101.40	8.04	165.70	6.92	22.56	8.80	13.01
132.10	5.20	102.02	8.18	165.37	7.48	22.53	9.01	13.17
132.26	5.28	102.81	8.39	164.95	8.02	22.61	9.15	13.34
132.51	5.28	103.67	8.54	164.50	8.44	22.80	9.16	13.54
132.91	5.30	104.52	8.63	164.06	8.75	23.05	9.13	13.79
133.33	5.48	105.39	8.67	163.71	8.92	23.28	9.10	14.04
133.83	5.57	106.29	8.65	163.44	9.03	23.50	9.11	14.29
134.43	5.61	107.28	8.57	163.33	9.17	23.76	9.06	14.53
135.12	5.65	108.27	8.43	163.29	9.23	24.09	8.92	14.78
135.91	5.70	109.28	8.30	163.16	9.17	24.46	8.74	15.04
136.96	5.72	110.28	8.21	163.00	8.96	24.88	8.58	15.29
138.30	5.67	111.25	8.15	162.97	8.79	25.41	8.48	15.54
139.68	5.55	112.25	8.00	163.23	8.67	26.06	8.42	15.80
141.14	5.45	113.27	7.78	163.66	8.46	26.82	8.41	16.09
142.50	5.40	114.34	7.49	164.13	8.09	27.71	8.47	16.41
143.81	5.21	115.45	7.25	164.59	7.52	28.78	8.58	16.75
145.20	4.96	116.56	7.14	165.10	6.94	30.00	8.65	17.11
146.71	4.75	117.73	7.16	165.56	6.50	31.25	8.69	17.47
148.16	4.50	118.87	7.13	165.98	6.18	32.46	8.73	17.81
149.63	4.33	120.09	7.02	166.33	6.05	33.59	8.74	18.15
150.89	4.08	121.28	6.89	166.73	6.02	34.62	8.65	18.51
152.17	3.99	122.41	6.83	167.24	5.93	35.55	8.48	18.90
153.62	4.30	123.58	6.84	167.85	5.75	36.42	8.27	19.31
155.10	5.08	124.80	6.83	168.55	5.51	37.29	8.03	19.71
156.48	5.89	126.12	6.83	169.13	5.39	38.13	7.78	20.09
157.49	6.03	127.42	6.92	169.49	5.37	38.83	7.61	20.48
158.27	5.76	128.70	7.07	169.66	5.26	39.26	7.47	20.88
158.92	5.40	130.01	7.27	169.72	5.04	39.36	7.35	21.29
159.58	5.28	131.36	7.46	169.73	4.90	39.15	7.31	21.73
160.31	5.37	132.75	7.62	169.75	4.98	38.63	7.42	22.17
161.22	5.58	134.16	7.76	169.75	5.22	37.86	7.72	22.59
165.27	11.96	135.56	7.87	169.70	5.50	36.83	8.14	23.00
169.40	14.93	136.92	8.00	169.56	5.96	35.51	8.60	23.39
172.98	16.21	138.26	8.04	169.45	6.45	33.84	9.04	23.77
173.94	15.93	139.67	8.05	169.26	6.70	31.90	9.41	24.14
175.02	15.65	141.25	7.97	169.03	6.56	29.85	9.69	24.52
177.61	15.83	143.00	7.79	168.97	6.14	27.82	9.96	24.90
178.28	15.79	144.83	7.60	169.01	5.54	25.95	10.20	25.30

182.04	15.94	146.64	7.47	169.13	5.11	24.15	10.44	25.69
188.96	13.66	148.40	7.43	169.13	5.05	22.37	10.68	26.06
192.96	10.56	150.17	7.39	169.18	5.24	20.71	10.87	26.41
193.65	10.60	151.97	7.26	169.42	5.53	19.40	10.99	26.76
195.86	8.30	153.76	7.08	169.72	6.00	18.51	10.98	27.12
196.72	8.36	155.61	6.82	169.78	6.45	17.83	10.93	27.49
197.89	7.99	157.47	6.54	169.51	6.51	17.08	10.83	27.88
199.14	7.67	159.39	6.33	168.79	6.61	16.62	10.52	28.26
200.33	7.06	161.35	6.26	168.34	7.14	15.98	10.27	28.64
201.58	7.04	163.51	6.28	168.40	6.99	15.90	10.11	29.00
203.03	7.12	165.75	6.29	167.42	6.79	16.51	10.21	29.35
204.43	7.25	167.49	6.21	166.26	7.23	17.32	10.47	29.72
205.80	7.35	168.54	5.95	164.80	7.99	17.85	10.90	30.07
207.11	7.44	169.10	5.55	162.86	8.02	17.50	11.89	30.41
208.20	7.65	169.20	5.38	160.21	7.55	17.17	13.36	30.74
209.07	8.14	170.32	3.26	158.02	8.15	17.98	14.60	31.02
210.32	9.16	169.96	3.50	155.85	10.36	22.00	15.24	31.29

:

s.d

1.01

1.15

1.12

1.06

1.08

1.11

1.15

1.19

1.22

1.25

1.28

1.28

1.28

1.28

1.26

1.24

1.22

1.23

1.23

1.24

1.24

1.25

1.24

1.23

1.22

1.22

1.20

1.18

1.15

1.14

1.11

1.11

1.10

1.10

1.12

1.17

1.18  
1.18  
1.18  
1.18  
1.18  
1.19  
1.20  
1.20  
1.21  
1.21  
1.21  
1.23  
1.24  
1.25  
1.28  
1.30  
1.29  
1.28  
1.30  
1.30  
1.31  
1.31  
1.29  
1.28  
1.29  
1.27  
1.26  
1.28  
1.32  
1.35  
1.35  
1.35  
1.35  
1.35  
1.33  
1.29  
1.27  
1.26

1.26  
1.28  
1.28  
1.32  
1.36  
1.38  
1.39  
1.45  
1.51  
1.59  
1.64  
1.69  
1.74  
1.80  
1.84  
1.88  
1.91  
1.94  
1.94  
1.94  
1.97  
2.00  
2.01  
1.98  
2.00  
1.95  
1.89

s.d

1.47  
1.36  
1.35  
1.33  
1.31  
1.29  
1.27  
1.26

1.24  
1.23  
1.23  
1.23  
1.22  
1.23  
1.23  
1.24  
1.25  
1.26  
1.28  
1.29  
1.30  
1.32  
1.35  
1.39  
1.42  
1.44  
1.45  
1.45  
1.46  
1.46  
1.47  
1.48  
1.49  
1.50  
1.50  
1.51  
1.51  
1.52  
1.52  
1.53  
1.53  
1.54  
1.54  
1.55  
1.57  
1.59



1.61  
1.63  
1.64  
1.65  
1.64  
1.65  
1.65  
1.66  
1.66  
1.66  
1.67  
1.66  
1.65  
1.66  
1.67  
1.68  
1.69  
1.72  
1.75  
1.76  
1.75  
1.72  
1.69  
1.67  
1.63  
1.60  
1.57  
1.54  
1.52  
1.50  
1.48  
1.44  
1.40  
1.37  
1.35  
1.32  
1.28  
1.26

1.26

1.29

1.33

1.35

1.37

1.37

1.36

1.35

1.35

1.35

1.34

1.33

1.30

1.28

1.29

1.33

1.39