Supplementary Table 1. Estimates of model parameters for A) a_x and b_x in Lee carter model, B) d in Lee carter model, C-E) u_x, b_x, and α_x in autoregression model

Panel A: a_x and b_x in Lee carter model

Age	Total mortality		Cause-specific mortality		Mortality from healthy state		Mortality from unhealthy state		Incidence	
	a_x	b_x	a_x	b_x	a_x	b_x	a_x	b_x	a_x	b_x
65	-4.16	0.2579	-5.53	0.0350	-4.36	0.2604	-3.21	0.1629	-5.74	0.0955
66	-4.09	0.2695	-5.36	0.0402	-4.29	0.2827	-3.29	0.1683	-3.86	0.2552
67	-4.00	0.2551	-5.21	0.0317	-4.21	0.2572	-3.25	0.1998	-3.66	0.1375
68	-3.92	0.2365	-5.11	0.0395	-4.12	0.2464	-3.24	0.1849	-3.74	0.1422
69	-3.83	0.2472	-4.98	0.0360	-4.04	0.2459	-3.17	0.2134	-3.78	0.1553
70	-3.76	0.2358	-4.89	0.0494	-3.96	0.2496	-3.13	0.1938	-3.80	0.1524
71	-3.67	0.2354	-4.79	0.0408	-3.87	0.2376	-3.07	0.2174	-3.81	0.1556
72	-3.57	0.2270	-4.69	0.0532	-3.77	0.2369	-3.00	0.2011	-3.82	0.1468
73	-3.49	0.2208	-4.59	0.0446	-3.68	0.2190	-2.94	0.2186	-3.84	0.1492
74	-3.40	0.2145	-4.49	0.0492	-3.60	0.2190	-2.86	0.2112	-3.84	0.1527
75	-3.31	0.1971	-4.41	0.0483	-3.50	0.1857	-2.79	0.2205	-3.83	0.1369
76	-3.22	0.2283	-4.32	0.0507	-3.40	0.2224	-2.72	0.2198	-3.84	0.1438
77	-3.13	0.2051	-4.24	0.0593	-3.31	0.2033	-2.64	0.2034	-3.84	0.1378
78	-3.04	0.1923	-4.16	0.0649	-3.21	0.1889	-2.57	0.1995	-3.86	0.1555
79	-2.95	0.1918	-4.08	0.0671	-3.11	0.1842	-2.50	0.2025	-3.86	0.1496
80	-2.84	0.1813	-3.99	0.0749	-2.99	0.1755	-2.40	0.1963	-3.86	0.1534
81	-2.74	0.1598	-3.90	0.0793	-2.90	0.1567	-2.32	0.1887	-3.88	0.1319
82	-2.64	0.1668	-3.83	0.0882	-2.78	0.1648	-2.24	0.1810	-3.86	0.1540
83	-2.54	0.1583	-3.75	0.0927	-2.68	0.1567	-2.15	0.1715	-3.87	0.1463
84	-2.44	0.1398	-3.66	0.0943	-2.56	0.1339	-2.06	0.1712	-3.87	0.1518
85	-2.34	0.1394	-3.58	0.1023	-2.46	0.1391	-1.96	0.1602	-3.87	0.1395
86	-2.22	0.1271	-3.51	0.1134	-2.33	0.1244	-1.87	0.1504	-3.87	0.1717
87	-2.13	0.1114	-3.44	0.1164	-2.24	0.1018	-1.78	0.1596	-3.89	0.1499
88	-2.02	0.1147	-3.37	0.1199	-2.12	0.0997	-1.69	0.1637	-3.87	0.1554
89	-1.92	0.0887	-3.29	0.1316	-2.01	0.0843	-1.60	0.1340	-3.88	0.1364
90	-1.81	0.0757	-3.24	0.1305	-1.89	0.0685	-1.52	0.1271	-3.94	0.1701
91	-1.72	0.0678	-3.20	0.1482	-1.79	0.0640	-1.45	0.1074	-3.94	0.1291
92	-1.62	0.0583	-3.12	0.1453	-1.68	0.0467	-1.34	0.1226	-3.97	0.1171
93	-1.53	0.0258	-3.06	0.1596	-1.59	0.0259	-1.25	0.0883	-3.93	0.1567
94	-1.44	0.0198	-3.00	0.1610	-1.50	0.0172	-1.17	0.0971	-3.93	0.1263
95	-1.35	0.0045	-2.97	0.1754	-1.40	0.0063	-1.09	0.0788	-3.98	0.1298
96	-1.28	-0.0000	-2.95	0.1944	-1.33	-0.0000	-1.02	0.0725	-4.02	0.1859
97	-1.20	-0.0000	-2.90	0.1978	-1.25	-0.0000	-0.93	0.0563	-4.09	0.1446
98	-1.16	-0.0000	-2.94	0.2217	-1.21	-0.0000	-0.91	0.0282	-4.13	0.1165
99	-1.14	-0.0000	-2.91	0.2071	-1.19	-0.0000	-0.83	0.0437	-4.29	0.2782
100	-1.11	-0.0000	-2.94	0.2602	-1.17	-0.0000	-0.75	0.0178	-4.27	0.2767
101	-1.15	-0.0000	-3.08	0.2638	-1.21	-0.0000	-0.74	0.0979	-4.40	0.1235
102	-1.23	-0.0000	-3.14	0.2617	-1.31	-0.0000	-0.68	0.0673	-4.68	0.0901
103	-1.40	-0.0000	-3.38	0.3616	-1.50	-0.0000	-0.63	-0.0000	-4.58	0.2190
104	-1.58	-0.0000	-3.50	0.3301	-1.70	-0.0000	-0.50	0.0193	-4.91	-0.0000
105	-1.94	-0.0000	-3.99	0.3199	-2.06	-0.0000	-0.54	0.1118	-5.02	0.0930

Panel B: d in Lee carter model

Total mortality k_t with SE	Cause-specific mortality k_t with SE	Mortality from healthy state k_t with SE	Mortality from unhealthy state k_t with SE	Incidence k_t with SE
-0.063 (0.019)	0.359 (0.094)	-0.091 (0.018)	-0.112 (0.023)	-0.103 (0.166)

Panel C: u_x , b_x , and α_x in autoregression model

Age	Initial prevalence			Mortality from healthy state			Mortality from unhealthy state		
	u_x	b_x	α_x	u_x	b_x	α_x	u_x	b_x	α_x
65	-5.02(2.03)	2.57(1.01)	-0.86(0.13)	0.69(0.04)	-0.34(0.02)	0.00(0.24)	1.61(0.50)	-0.78(0.25)	-0.50(0.20)
66	-7.92(1.71)	4.02(0.86)	-0.86(0.15)	0.78(0.06)	-0.38(0.03)	-0.54(0.20)	1.64(0.17)	-0.80(0.09)	-0.29(0.23)
67	-9.50(1.81)	4.82(0.91)	-0.85(0.15)	0.79(0.05)	-0.38(0.03)	-0.30(0.22)	2.00(0.17)	-0.98(0.08)	-0.01(0.25)
68	-10.64(2.16)	5.39(1.08)	-0.85(0.16)	0.85(0.03)	-0.41(0.02)	0.17(0.24)	1.88(0.14)	-0.92(0.07)	-0.22(0.23)
69	-11.75(2.44)	5.95(1.22)	-0.86(0.18)	0.89(0.05)	-0.44(0.03)	-0.19(0.24)	2.25(0.20)	-1.10(0.10)	-0.21(0.24)
70	-13.13(1.92)	6.65(0.96)	-0.81(0.19)	0.98(0.05)	-0.48(0.03)	-0.22(0.24)	2.11(0.19)	-1.03(0.09)	-0.08(0.26)
71	-14.53(1.42)	7.34(0.71)	-0.79(0.18)	1.03(0.03)	-0.51(0.01)	0.40(0.21)	2.67(0.22)	-1.31(0.11)	-0.32(0.25)
72	-15.42(0.99)	7.79(0.49)	-0.71(0.19)	1.14(0.05)	-0.56(0.02)	0.09(0.24)	2.55(0.15)	-1.25(0.07)	-0.08(0.25)
73	-16.33(0.94)	8.25(0.47)	-0.78(0.15)	1.17(0.05)	-0.57(0.03)	-0.31(0.22)	3.10(0.18)	-1.52(0.09)	-0.20(0.24)
74	-16.64(0.81)	8.41(0.40)	-0.73(0.16)	1.27(0.05)	-0.62(0.03)	0.04(0.24)	3.21(0.09)	-1.57(0.04)	0.14(0.24)
75	-17.36(0.90)	8.77(0.45)	-0.82(0.13)	1.17(0.06)	-0.57(0.03)	-0.15(0.24)	3.55(0.11)	-1.74(0.06)	0.07(0.24)
76	-17.53(1.05)	8.86(0.53)	-0.78(0.15)	1.55(0.05)	-0.76(0.02)	0.15(0.24)	3.72(0.19)	-1.83(0.09)	-0.26(0.23)
77	-17.61(1.08)	8.90(0.54)	-0.80(0.16)	1.57(0.06)	-0.76(0.03)	0.22(0.23)	3.80(0.14)	-1.86(0.07)	0.25(0.28)
78	-17.89(1.20)	9.04(0.60)	-0.80(0.17)	1.53(0.10)	-0.74(0.05)	-0.54(0.23)	3.88(0.24)	-1.90(0.12)	-0.03(0.24)
79	-18.21(0.90)	9.20(0.45)	-0.69(0.21)	1.71(0.09)	-0.83(0.05)	0.03(0.24)	4.18(0.32)	-2.05(0.16)	-0.20(0.23)
80	-18.60(0.79)	9.39(0.40)	-0.58(0.23)	1.83(0.11)	-0.89(0.05)	-0.07(0.24)	4.31(0.38)	-2.11(0.19)	-0.33(0.22)
81	-19.18(0.79)	9.68(0.39)	-0.60(0.21)	1.86(0.07)	-0.90(0.03)	0.30(0.23)	4.63(0.41)	-2.26(0.21)	-0.45(0.22)
82	-19.28(0.52)	9.73(0.26)	-0.30(0.24)	2.08(0.16)	-1.01(0.08)	-0.32(0.22)	4.61(0.44)	-2.25(0.22)	-0.65(0.17)
83	-19.78(0.59)	9.98(0.30)	-0.55(0.20)	1.96(0.33)	-0.95(0.16)	-0.64(0.18)	5.12(0.29)	-2.50(0.15)	0.21(0.24)
84	-19.74(0.49)	9.96(0.24)	-0.39(0.22)	1.91(0.31)	-0.92(0.15)	-0.54(0.19)	5.58(0.30)	-2.72(0.15)	-0.25(0.23)
85	-19.49(0.47)	9.84(0.23)	-0.39(0.22)	2.41(0.22)	-1.16(0.11)	-0.24(0.23)	5.54(0.53)	-2.70(0.26)	-0.48(0.21)
86	-19.75(0.58)	9.96(0.29)	-0.47(0.21)	2.24(0.47)	-1.07(0.23)	-0.64(0.19)	5.46(0.75)	-2.65(0.37)	-0.36(0.22)
87	-19.61(0.58)	9.89(0.29)	-0.33(0.22)	2.12(0.37)	-1.00(0.19)	-0.37(0.23)	5.81(0.90)	-2.82(0.45)	-0.38(0.22)
88	-19.64(0.59)	9.91(0.29)	-0.47(0.21)	1.99(0.74)	-0.94(0.37)	-0.68(0.18)	6.29(1.14)	-3.05(0.57)	-0.48(0.20)
89	-19.51(0.64)	9.84(0.32)	-0.44(0.22)	1.84(0.62)	-0.85(0.31)	-0.50(0.20)	5.47(1.15)	-2.63(0.58)	-0.49(0.20)
90	-19.13(0.67)	9.65(0.34)	-0.50(0.21)	1.46(0.94)	-0.66(0.47)	-0.66(0.18)	6.80(0.82)	-3.29(0.41)	-0.02(0.24)
91	-18.95(0.84)	9.55(0.42)	-0.53(0.20)	1.23(1.22)	-0.53(0.61)	-0.81(0.14)	4.94(1.33)	-2.35(0.66)	-0.20(0.23)
92	-18.29(0.75)	9.22(0.37)	-0.38(0.23)	1.33(0.86)	-0.57(0.43)	-0.42(0.23)	4.69(2.74)	-2.21(1.37)	-0.73(0.16)
93	-18.13(0.70)	9.14(0.35)	-0.36(0.22)	-0.04(1.24)	0.12(0.62)	-0.64(0.18)	4.55(1.46)	-2.13(0.73)	-0.18(0.23)
94	-18.13(0.64)	9.14(0.32)	-0.43(0.24)	0.38(1.73)	-0.08(0.87)	-0.66(0.20)	7.09(1.03)	-3.38(0.51)	0.42(0.21)
95	-18.57(1.04)	9.35(0.52)	-0.64(0.18)	-0.86(1.69)	0.55(0.84)	-0.63(0.18)	5.51(1.60)	-2.59(0.80)	-0.26(0.23)
96	-17.46(0.74)	8.79(0.37)	-0.32(0.22)	-1.49(1.75)	0.87(0.88)	-0.68(0.18)	3.45(2.50)	-1.55(1.25)	-0.15(0.24)
97	-16.75(0.66)	8.44(0.33)	-0.13(0.24)	-3.59(1.40)	1.94(0.70)	-0.29(0.22)	4.08(1.90)	-1.84(0.95)	0.13(0.24)
98	-16.55(0.52)	8.33(0.26)	0.10(0.23)	-4.38(2.49)	2.34(1.24)	-0.60(0.20)	0.94(1.97)	-0.27(0.99)	0.32(0.22)
99	-16.07(0.63)	8.09(0.32)	0.08(0.24)	-8.32(1.81)	4.31(0.90)	-0.37(0.24)	5.67(3.20)	-2.62(1.60)	0.20(0.23)
100	-16.78(1.03)	8.44(0.51)	-0.46(0.24)	-13.57(2.11)	6.93(1.05)	-0.22(0.23)	-0.86(3.17)	0.66(1.58)	0.32(0.24)
101	-16.91(1.63)	8.50(0.82)	-0.55(0.22)	-15.92(3.42)	8.10(1.71)	-0.37(0.22)	4.44(7.51)	-1.98(3.75)	-0.29(0.23)
102	-15.41(2.24)	7.74(1.12)	-0.62(0.20)	-20.88(5.09)	10.56(2.54)	-0.68(0.17)	8.34(4.77)	-3.91(2.38)	0.36(0.22)
103	-13.04(2.06)	6.55(1.03)	-0.54(0.20)	-16.96(6.69)	8.58(3.34)	-0.73(0.16)	-6.98(16.2)	3.74(8.10)	-0.32(0.22)
104	-10.42(1.89)	5.23(0.95)	-0.45(0.21)	-22.65(8.41)	11.41(4.20)	-0.77(0.16)	-24.42(20.0)	12.47(9.97)	-0.27(0.23)
105	-0.68(0.24)	0.34(0.12)	-0.74(0.17)	-19.39(8.03)	9.76(4.01)	-0.75(0.18)	-4.86(15.6)	2.71(7.78)	-0.03(0.24)

Panel D: u_x , b_x , and α_x in autoregression model

Age	Incidence			Total mortality			Cause-specific mortality		
	u_x	b_x	α_x	u_x	b_x	α_x	u_x	b_x	α_x
65	-0.35(0.13)	0.17(0.07)	-0.69(0.17)	0.60(0.08)	-0.29(0.04)	-0.46(0.21)	-0.08(0.05)	0.04(0.03)	-0.60(0.20)
66	-1.94(0.58)	0.98(0.29)	-0.61(0.18)	0.68(0.06)	-0.33(0.03)	-0.56(0.19)	-0.10(0.03)	0.05(0.01)	-0.43(0.24)
67	-0.05(0.53)	0.04(0.26)	-0.67(0.18)	0.73(0.05)	-0.35(0.02)	-0.29(0.23)	-0.09(0.04)	0.05(0.02)	-0.39(0.22)
68	0.21(0.57)	-0.09(0.28)	-0.71(0.17)	0.77(0.03)	-0.37(0.02)	0.24(0.23)	-0.13(0.05)	0.07(0.02)	-0.50(0.26)
69	0.32(0.59)	-0.15(0.30)	-0.76(0.15)	0.83(0.06)	-0.40(0.03)	-0.13(0.23)	-0.12(0.05)	0.06(0.02)	-0.35(0.24)
70	0.31(0.56)	-0.14(0.28)	-0.75(0.15)	0.84(0.07)	-0.41(0.04)	-0.38(0.22)	-0.20(0.04)	0.10(0.02)	-0.31(0.23)
71	0.55(0.62)	-0.26(0.31)	-0.77(0.15)	0.96(0.05)	-0.47(0.02)	0.01(0.24)	-0.19(0.05)	0.10(0.02)	-0.58(0.20)
72	0.51(0.57)	-0.24(0.29)	-0.71(0.17)	1.01(0.06)	-0.49(0.03)	-0.05(0.24)	-0.27(0.06)	0.14(0.03)	-0.46(0.21)
73	0.68(0.61)	-0.33(0.31)	-0.77(0.14)	1.09(0.07)	-0.53(0.03)	-0.29(0.23)	-0.24(0.05)	0.13(0.03)	-0.33(0.23)
74	0.64(0.61)	-0.31(0.31)	-0.76(0.15)	1.17(0.05)	-0.57(0.03)	-0.04(0.24)	-0.33(0.10)	0.17(0.05)	-0.74(0.17)
75	0.64(0.57)	-0.31(0.28)	-0.76(0.15)	1.09(0.10)	-0.52(0.05)	-0.57(0.19)	-0.36(0.12)	0.18(0.06)	-0.77(0.16)
76	0.69(0.60)	-0.34(0.30)	-0.79(0.14)	1.40(0.10)	-0.68(0.05)	-0.44(0.21)	-0.44(0.16)	0.23(0.08)	-0.83(0.14)
77	0.52(0.54)	-0.25(0.27)	-0.73(0.15)	1.40(0.10)	-0.68(0.05)	-0.16(0.24)	-0.53(0.13)	0.27(0.06)	-0.71(0.16)
78	0.62(0.61)	-0.30(0.30)	-0.77(0.15)	1.37(0.14)	-0.66(0.07)	-0.52(0.20)	-0.57(0.17)	0.29(0.08)	-0.71(0.17)
79	0.38(0.53)	-0.18(0.27)	-0.67(0.18)	1.55(0.14)	-0.75(0.07)	-0.18(0.23)	-0.62(0.18)	0.32(0.09)	-0.69(0.18)
80	0.30(0.51)	-0.14(0.25)	-0.62(0.18)	1.55(0.20)	-0.74(0.10)	-0.43(0.21)	-0.83(0.23)	0.43(0.12)	-0.82(0.14)
81	0.38(0.47)	-0.18(0.23)	-0.70(0.17)	1.56(0.16)	-0.75(0.08)	-0.41(0.21)	-0.97(0.20)	0.49(0.10)	-0.79(0.14)
82	0.56(0.60)	-0.27(0.30)	-0.75(0.15)	1.63(0.30)	-0.78(0.15)	-0.72(0.16)	-1.10(0.32)	0.56(0.16)	-0.89(0.13)
83	0.12(0.42)	-0.05(0.21)	-0.48(0.22)	1.64(0.36)	-0.78(0.18)	-0.55(0.19)	-1.22(0.14)	0.62(0.07)	-0.34(0.22)
84	0.22(0.48)	-0.10(0.24)	-0.60(0.19)	1.47(0.43)	-0.69(0.21)	-0.72(0.16)	-1.49(0.24)	0.75(0.12)	-0.83(0.13)
85	0.12(0.41)	-0.05(0.20)	-0.56(0.20)	1.92(0.37)	-0.91(0.19)	-0.55(0.20)	-1.57(0.31)	0.80(0.16)	-0.78(0.17)
86	0.11(0.55)	-0.04(0.27)	-0.68(0.17)	1.71(0.62)	-0.80(0.31)	-0.70(0.18)	-1.88(0.28)	0.96(0.14)	-0.62(0.19)
87	-0.06(0.39)	0.04(0.20)	-0.47(0.22)	1.54(0.60)	-0.71(0.30)	-0.59(0.19)	-2.18(0.34)	1.11(0.17)	-0.64(0.18)
88	-0.23(0.36)	0.13(0.18)	-0.41(0.22)	1.43(1.00)	-0.65(0.50)	-0.76(0.15)	-2.31(0.38)	1.17(0.19)	-0.62(0.19)
89	0.12(0.43)	-0.05(0.22)	-0.57(0.21)	1.09(0.81)	-0.47(0.41)	-0.62(0.18)	-2.82(0.31)	1.43(0.15)	-0.59(0.18)
90	-0.20(0.36)	0.11(0.18)	-0.37(0.23)	0.98(1.03)	-0.41(0.51)	-0.76(0.15)	-2.87(0.22)	1.45(0.11)	-0.36(0.22)
91	-0.13(0.26)	0.07(0.13)	-0.04(0.25)	0.67(1.30)	-0.25(0.65)	-0.76(0.16)	-3.31(0.30)	1.68(0.15)	-0.28(0.23)
92	-0.24(0.24)	0.13(0.12)	-0.20(0.24)	0.57(1.39)	-0.19(0.69)	-0.70(0.18)	-3.67(0.54)	1.86(0.27)	-0.70(0.17)
93	-0.24(0.34)	0.13(0.17)	-0.30(0.26)	-1.11(1.63)	0.66(0.81)	-0.78(0.14)	-4.23(0.41)	2.14(0.21)	-0.57(0.19)
94	-0.30(0.30)	0.16(0.15)	-0.38(0.25)	-0.42(1.63)	0.33(0.81)	-0.62(0.20)	-4.33(0.31)	2.19(0.16)	-0.09(0.23)
95	-0.30(0.28)	0.16(0.14)	-0.21(0.25)	-1.55(1.84)	0.90(0.92)	-0.64(0.18)	-4.97(0.41)	2.51(0.20)	-0.35(0.22)
96	-0.24(0.42)	0.13(0.21)	-0.37(0.23)	-2.29(2.08)	1.28(1.04)	-0.71(0.17)	-5.60(0.60)	2.83(0.30)	-0.58(0.19)
97	-0.38(0.23)	0.20(0.12)	-0.05(0.24)	-4.29(1.55)	2.29(0.78)	-0.28(0.23)	-5.87(0.44)	2.96(0.22)	0.08(0.24)
98	-0.29(0.28)	0.15(0.14)	-0.15(0.26)	-5.19(2.47)	2.75(1.23)	-0.65(0.19)	-6.40(0.30)	3.22(0.15)	0.27(0.23)
99	-1.04(0.32)	0.53(0.16)	0.03(0.25)	-8.81(1.76)	4.56(0.88)	-0.30(0.25)	-6.54(0.30)	3.29(0.15)	0.41(0.22)
100	-1.04(0.42)	0.53(0.21)	-0.15(0.25)	-14.30(1.98)	7.30(0.99)	-0.20(0.24)	-7.79(0.32)	3.92(0.16)	0.27(0.24)
101	-0.71(0.27)	0.36(0.14)	0.12(0.23)	-15.73(2.54)	8.01(1.27)	-0.24(0.23)	-6.76(0.48)	3.40(0.24)	0.02(0.24)
102	-0.31(0.24)	0.16(0.12)	0.15(0.24)	-21.10(4.81)	10.69(2.40)	-0.71(0.16)	-7.34(1.09)	3.69(0.54)	-0.45(0.26)
103	-0.66(0.32)	0.33(0.16)	0.21(0.25)	-19.80(7.02)	10.02(3.51)	-0.72(0.16)	-7.72(1.80)	3.88(0.90)	-0.57(0.20)
104	0.32(0.34)	-0.16(0.17)	-0.03(0.24)	-26.66(8.85)	13.42(4.42)	-0.81(0.15)	-7.26(1.74)	3.64(0.87)	-0.66(0.20)
105	-0.80(0.29)	0.40(0.15)	0.11(0.24)	-21.90(8.51)	11.02(4.25)	-0.75(0.19)	-4.17(0.87)	2.09(0.44)	-0.28(0.27)

Panel E: u_x, b_x, and α_x in autoregression model

Age	Fraction			Hazard Ratio		
	u_x	b_x	α_x	u_x	b_x	α_x
65	-14.93(1.58)	7.59(0.79)	-0.27(0.23)	-32.37(26.8)	17.74(13.4)	-0.23(0.24)
66	-17.39(1.67)	8.83(0.83)	-0.44(0.23)	-35.81(9.70)	19.24(4.84)	0.05(0.24)
67	-16.39(2.03)	8.34(1.01)	-0.40(0.22)	-2.89(11.4)	2.74(5.67)	0.13(0.24)
68	-17.19(2.29)	8.74(1.14)	-0.60(0.28)	-6.20(7.71)	4.31(3.85)	-0.08(0.24)
69	-17.21(1.65)	8.76(0.82)	-0.45(0.25)	9.64(8.75)	-3.63(4.37)	-0.08(0.24)
70	-20.08(1.05)	10.20(0.52)	-0.05(0.25)	-4.03(5.39)	3.16(2.69)	0.40(0.23)
71	-19.12(0.80)	9.71(0.40)	-0.14(0.24)	17.37(7.52)	-7.57(3.76)	0.05(0.27)
72	-20.65(1.02)	10.48(0.51)	-0.20(0.24)	6.99(4.68)	-2.42(2.34)	0.29(0.23)
73	-19.42(0.75)	9.87(0.37)	-0.12(0.24)	25.62(6.67)	-11.74(3.33)	-0.24(0.24)
74	-20.28(1.12)	10.30(0.56)	-0.33(0.24)	22.09(3.38)	-9.98(1.69)	0.31(0.22)
75	-18.42(1.00)	9.37(0.50)	-0.18(0.24)	39.86(4.83)	-18.90(2.41)	0.14(0.23)
76	-20.59(1.23)	10.45(0.62)	-0.40(0.22)	23.10(3.90)	-10.54(1.95)	0.28(0.23)
77	-20.99(1.25)	10.65(0.62)	-0.49(0.20)	22.73(3.05)	-10.39(1.52)	0.55(0.24)
78	-20.57(1.84)	10.44(0.92)	-0.61(0.21)	23.23(5.32)	-10.66(2.66)	-0.03(0.24)
79	-20.66(1.61)	10.48(0.80)	-0.56(0.21)	25.86(5.82)	-12.00(2.91)	-0.05(0.24)
80	-21.44(1.73)	10.87(0.87)	-0.66(0.19)	24.00(7.79)	-11.09(3.89)	-0.39(0.22)
81	-21.42(1.35)	10.86(0.67)	-0.50(0.21)	28.13(6.03)	-13.16(3.01)	-0.16(0.24)
82	-22.26(1.53)	11.27(0.76)	-0.53(0.23)	20.36(6.21)	-9.31(3.10)	-0.37(0.22)
83	-22.32(0.60)	11.30(0.30)	0.10(0.24)	21.60(4.88)	-9.95(2.44)	-0.07(0.24)
84	-21.56(0.64)	10.92(0.32)	-0.33(0.24)	29.70(2.96)	-14.00(1.48)	0.10(0.23)
85	-22.27(0.98)	11.27(0.49)	-0.44(0.24)	19.02(2.89)	-8.68(1.44)	0.14(0.24)
86	-22.37(0.89)	11.32(0.44)	-0.31(0.22)	19.43(6.39)	-8.91(3.19)	-0.20(0.23)
87	-21.48(1.08)	10.87(0.54)	-0.26(0.23)	27.29(4.71)	-12.84(2.35)	-0.04(0.27)
88	-20.99(0.90)	10.62(0.45)	-0.12(0.23)	27.99(4.02)	-13.21(2.01)	0.11(0.24)
89	-21.25(0.74)	10.75(0.37)	-0.15(0.23)	22.09(5.55)	-10.28(2.77)	-0.26(0.23)
90	-19.94(0.55)	10.08(0.28)	0.22(0.23)	29.52(6.08)	-14.02(3.04)	0.14(0.23)
91	-20.45(0.73)	10.33(0.36)	0.06(0.24)	15.97(4.19)	-7.27(2.09)	0.20(0.23)
92	-19.52(1.53)	9.86(0.77)	-0.49(0.20)	22.56(7.16)	-10.57(3.57)	-0.25(0.23)
93	-19.13(0.67)	9.67(0.33)	0.09(0.24)	21.79(2.19)	-10.19(1.09)	0.66(0.17)
94	-18.48(1.01)	9.34(0.50)	-0.06(0.25)	31.89(6.22)	-15.23(3.11)	0.17(0.25)
95	-18.49(0.56)	9.34(0.28)	0.12(0.23)	27.14(4.84)	-12.87(2.42)	-0.09(0.24)
96	-19.05(1.32)	9.62(0.66)	-0.43(0.21)	22.66(4.84)	-10.64(2.42)	0.33(0.22)
97	-17.19(1.00)	8.68(0.50)	0.11(0.24)	33.90(4.48)	-16.25(2.24)	0.26(0.24)
98	-17.25(0.98)	8.71(0.49)	0.21(0.23)	30.93(8.62)	-14.77(4.31)	0.25(0.23)
99	-15.19(0.67)	7.68(0.33)	0.52(0.20)	67.31(11.0)	-32.89(5.50)	0.24(0.23)
100	-16.35(0.96)	8.25(0.48)	0.27(0.23)	67.30(15.9)	-32.83(7.95)	0.11(0.24)
101	-13.79(2.32)	6.97(1.16)	-0.21(0.23)	90.29(45.3)	-44.28(22.6)	-0.50(0.20)
102	-12.48(1.04)	6.31(0.52)	0.44(0.22)	178.10(33.8)	-87.93(16.9)	0.20(0.23)
103	-16.32(2.56)	8.23(1.28)	-0.09(0.23)	120.34(126)	-58.88(63.1)	-0.58(0.19)
104	-15.58(5.13)	7.86(2.56)	-0.21(0.23)	59.25(200)	-27.91(99.9)	-0.17(0.23)
105	-9.96(3.31)	5.04(1.65)	0.08(0.24)	279.70(328)	-137.1(164)	-0.42(0.21)