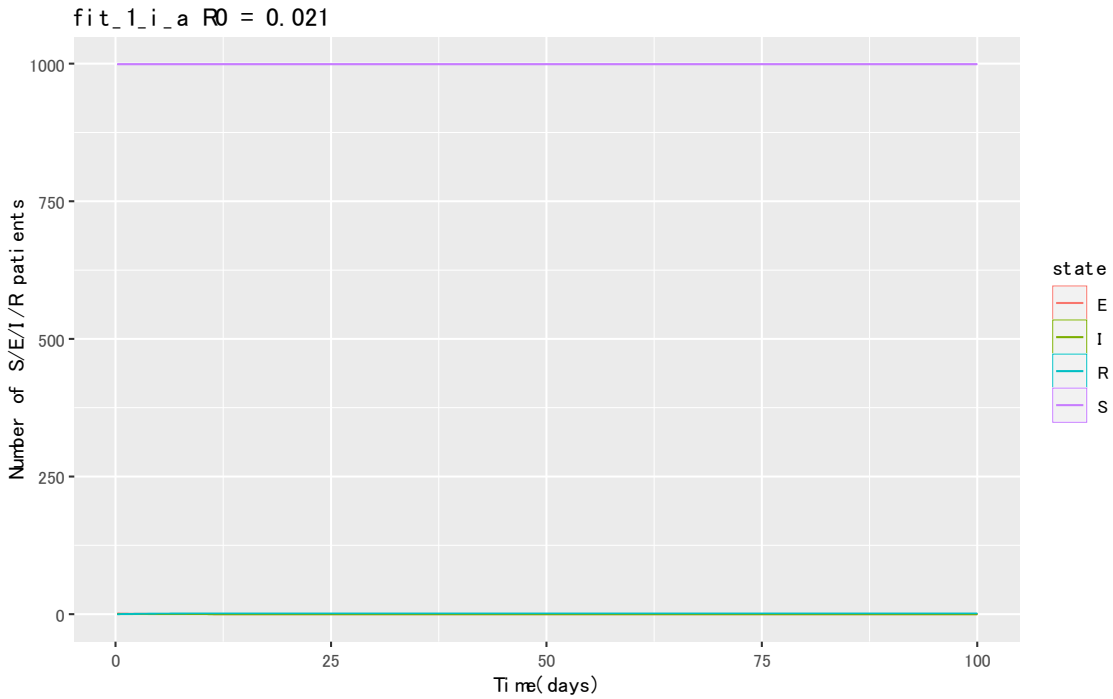
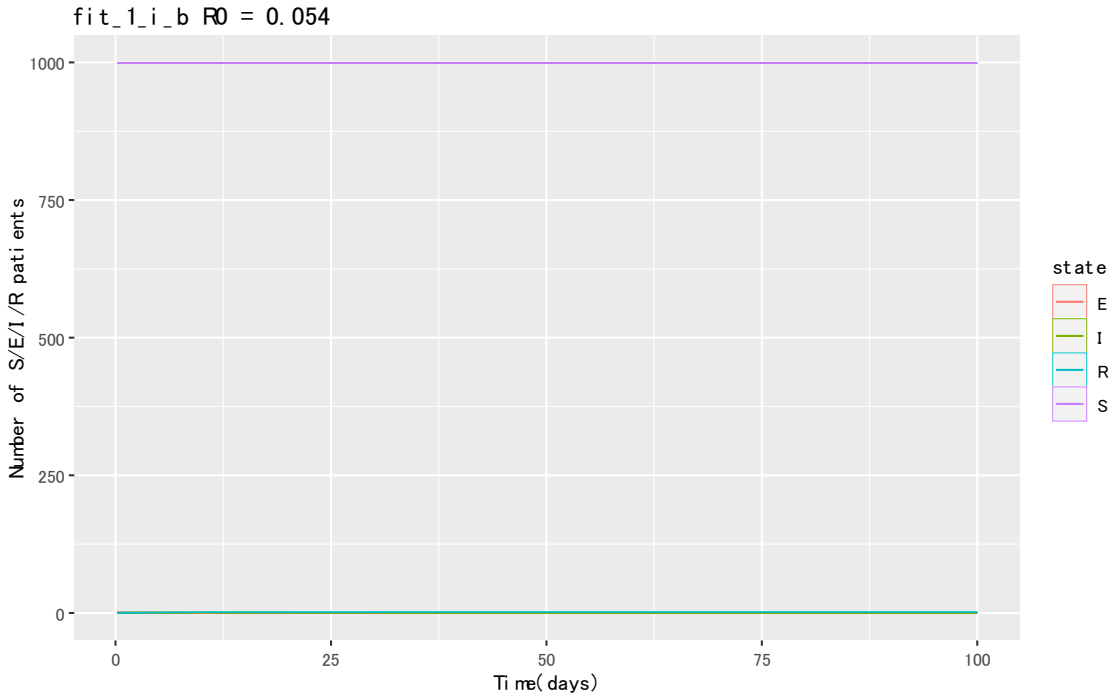
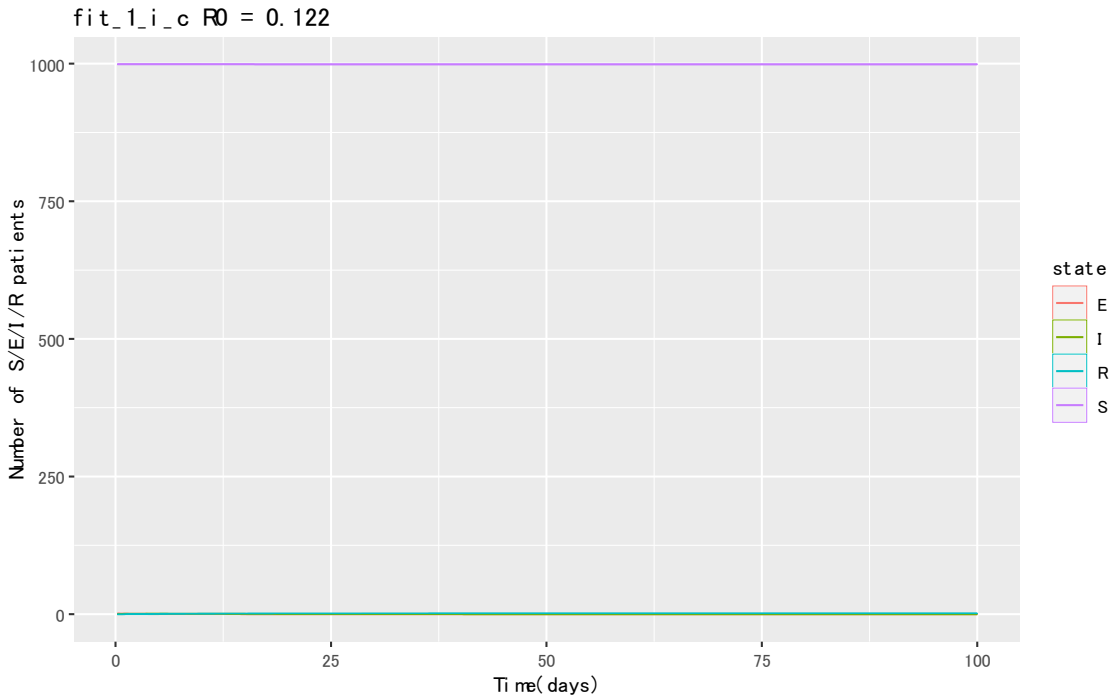
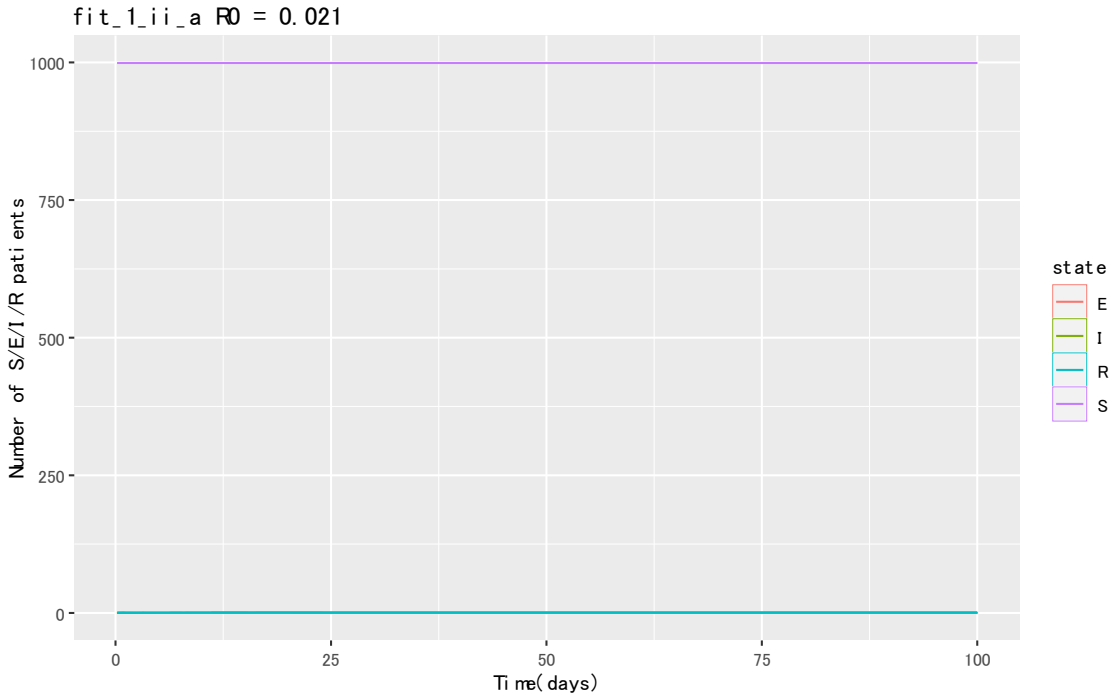
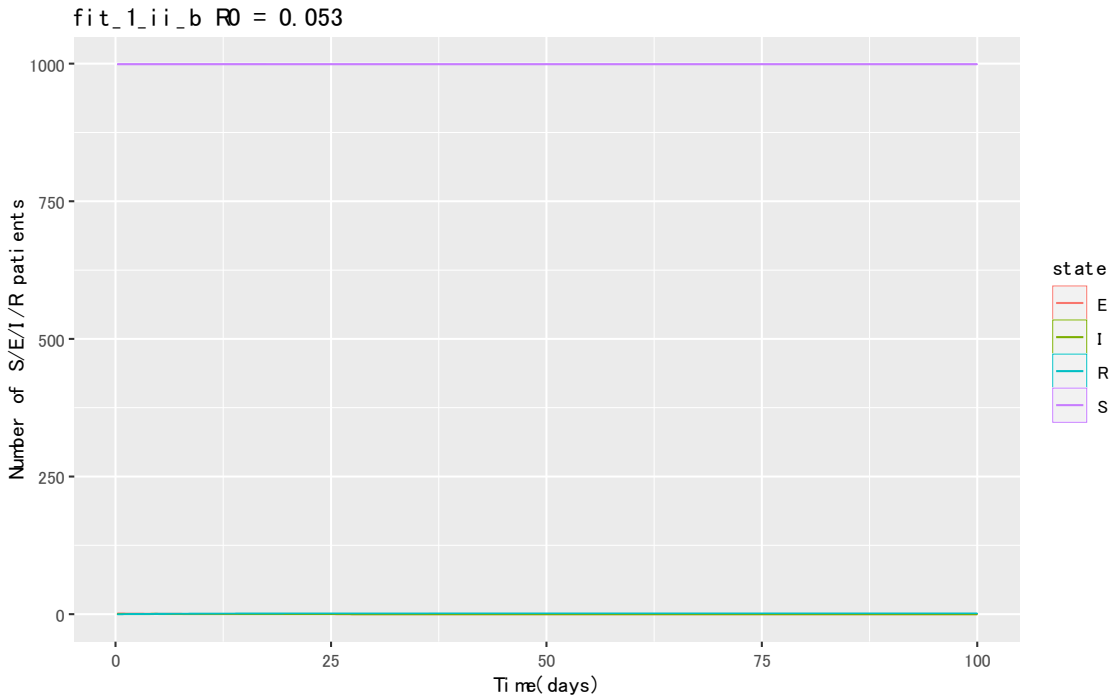
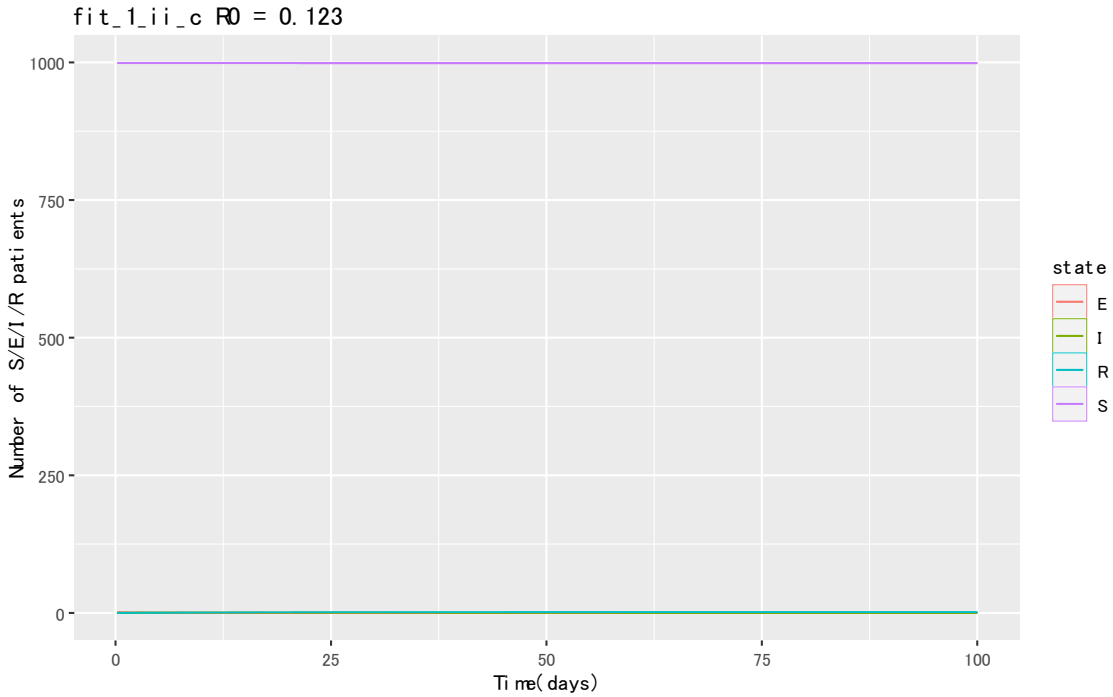

fit_1_i_a R0 = 0.021
1000
750
500
250
0
Number of S/E/I/R patients
0
25
50
75
100
Time(days)
state
E
I
R
S

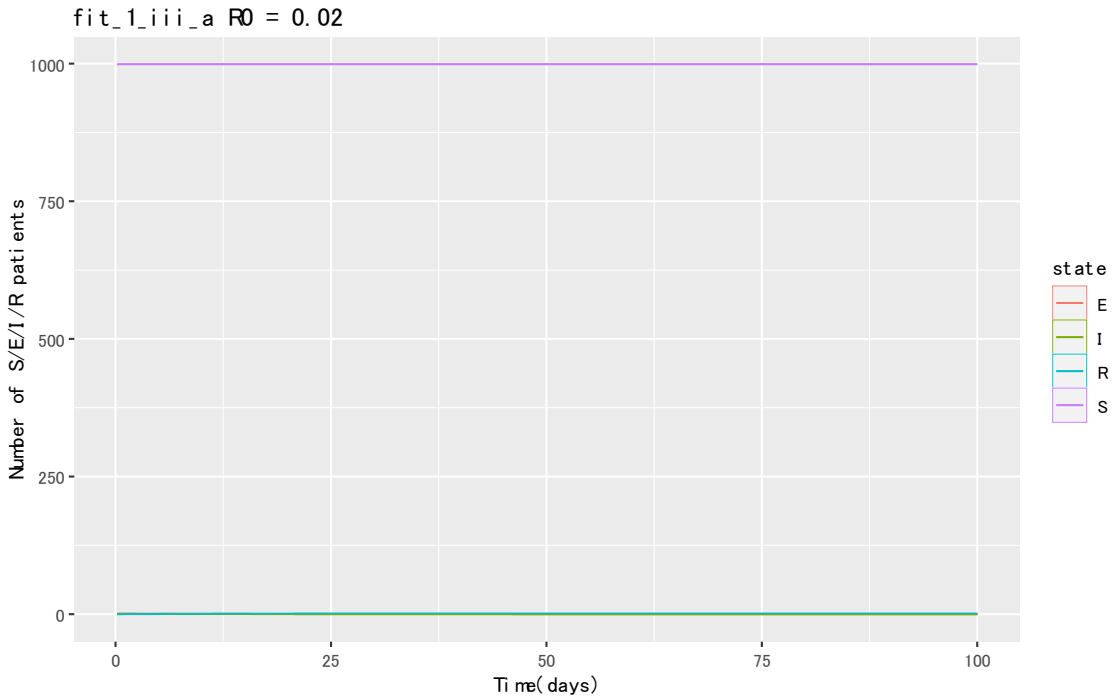

fit_1_i_b R0 = 0.054
1000
750
500
250
0
Number of S/E/I/R patients
0
25
50
75
100
Time(days)
state
E
I
R
S

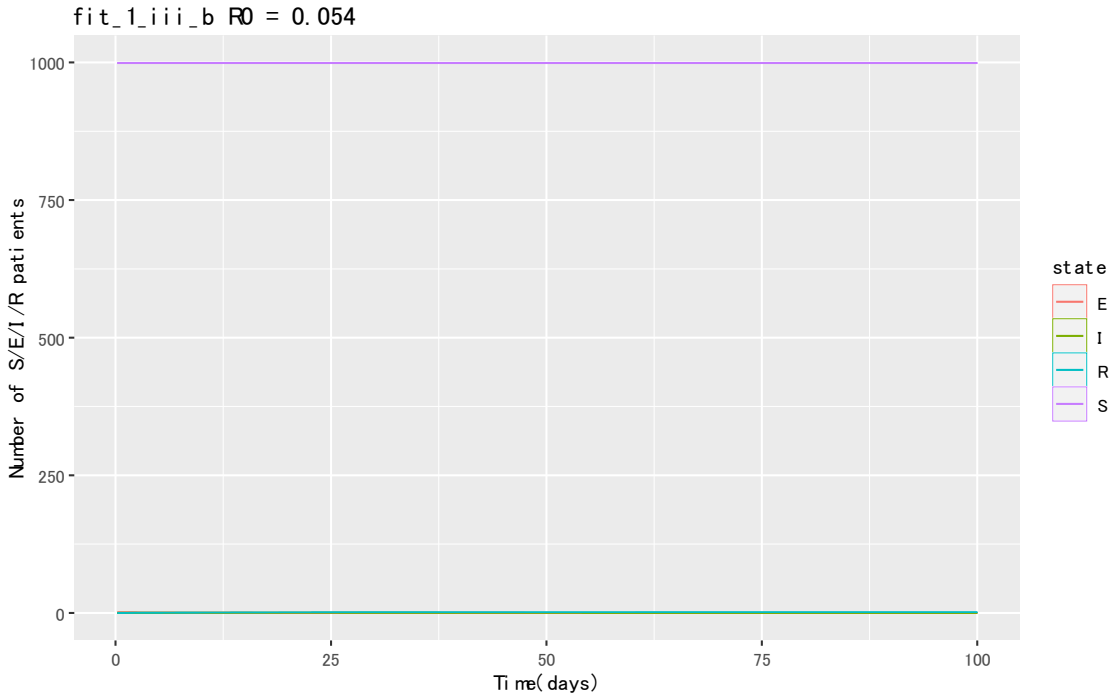

fit_1_i_c R0 = 0.122
1000
750
500
250
0
Number of S/E/I/R patients
0
25
50
75
100
Time(days)
state
E
I
R
S

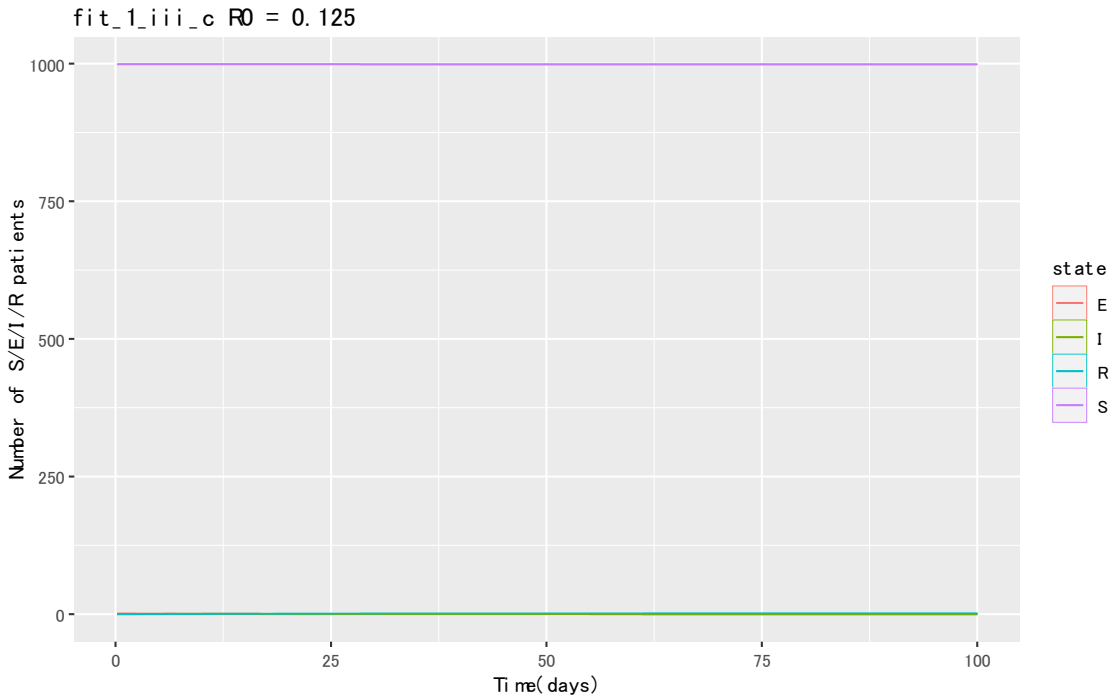

fit_1_ii_a R0 = 0.021
1000
750
500
250
0
Number of S/E/I/R patients
0
25
50
75
100
Time(days)
state
E
I
R
S

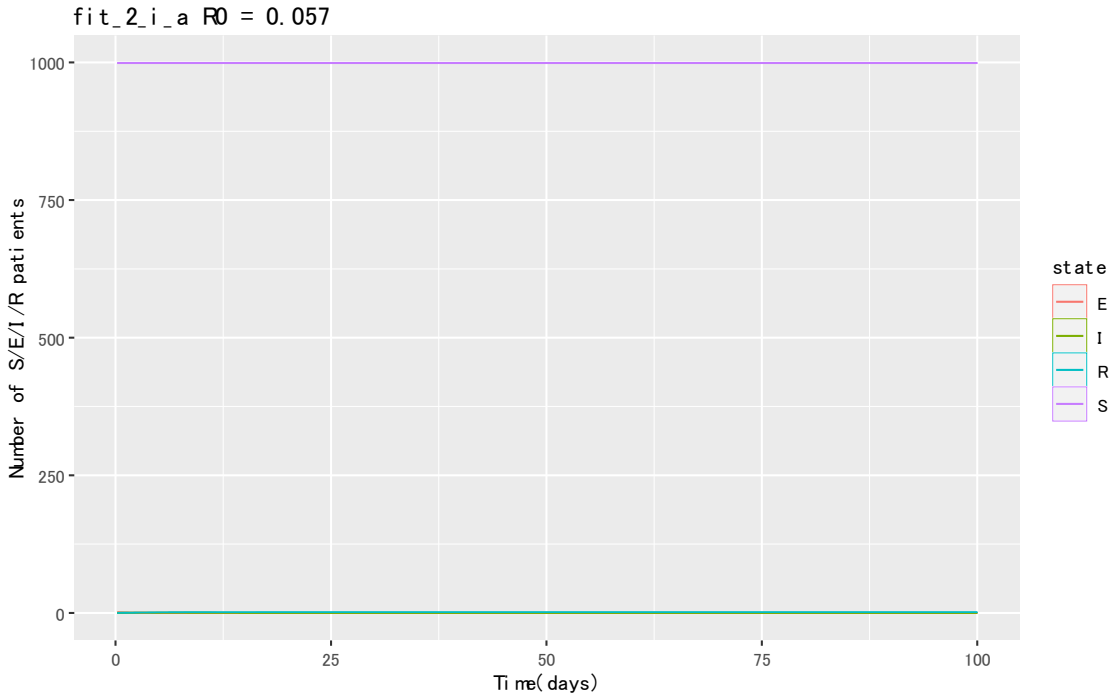

fit_1_ii_b R0 = 0.053
1000
750
500
250
0
Number of S/E/I/R patients
0
25
50
75
100
Time(days)
state
E
I
R
S

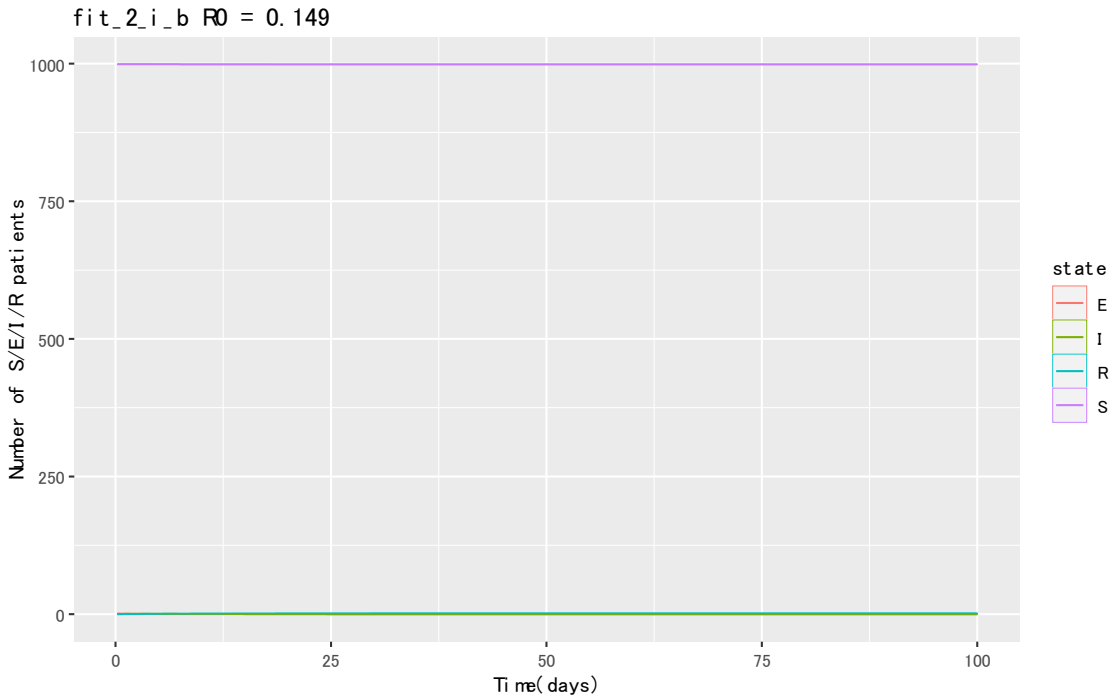

fit_1_ii_c R0 = 0.123
1000
750
500
250
0
Number of S/E/I/R patients
0
25
50
75
100
Time(days)
state
E
I
R
S

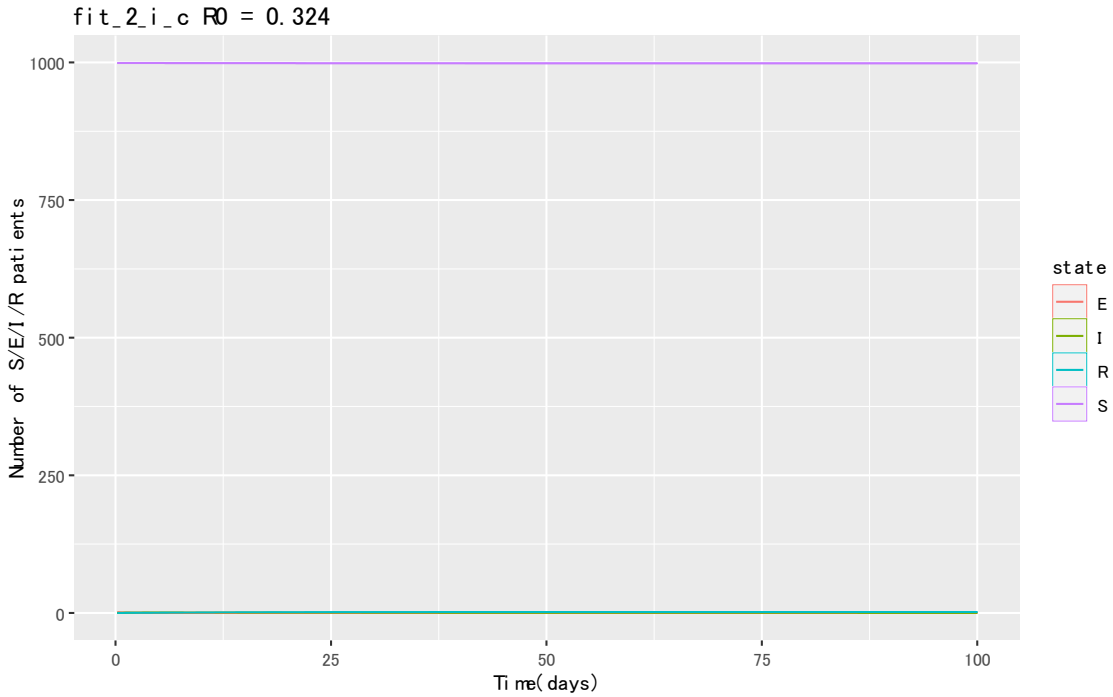

fit_1_iii_a R0 = 0.02
1000
750
500
250
0
Number of S/E/I/R patients
0
25
50
75
100
Time(days)
state
E
I
R
S

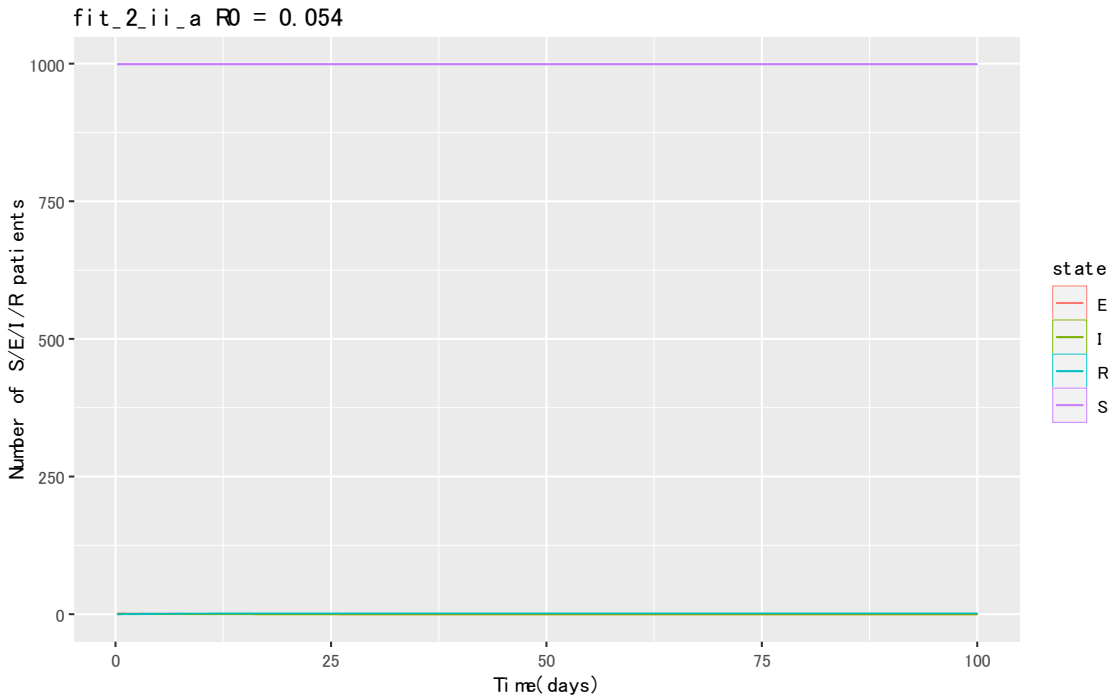

fit_1_iii_b R0 = 0.054
1000
750
500
250
0
Number of S/E/I/R patients
0
25
50
75
100
Time(days)
state
E
I
R
S

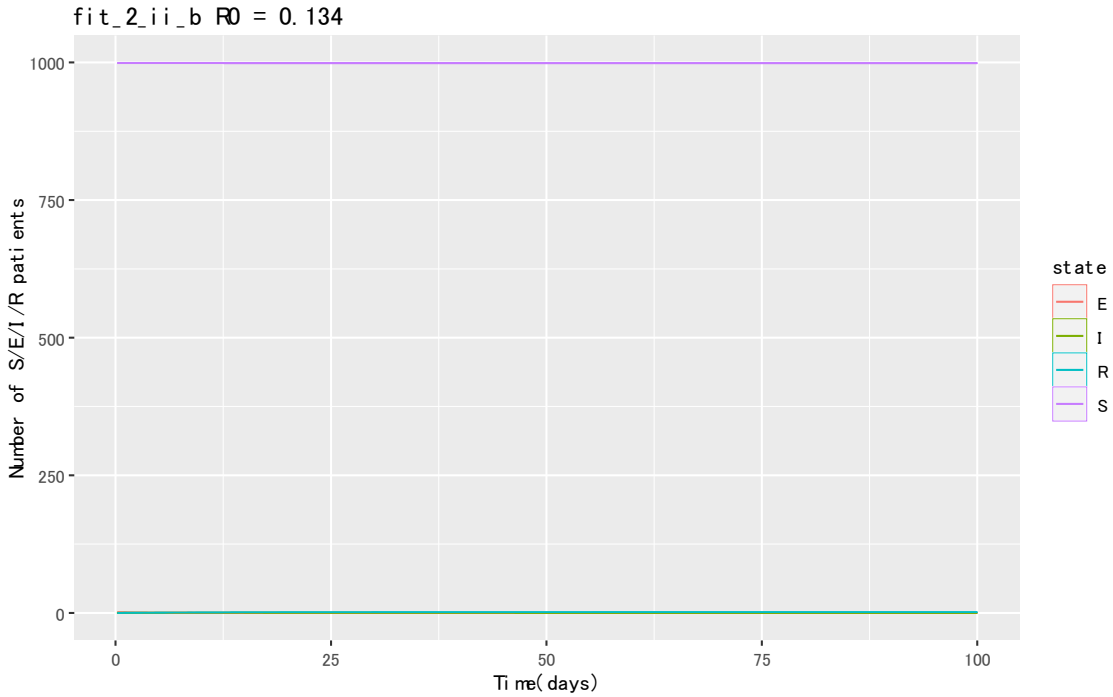

fit_1_iii_c R0 = 0.125
1000
750
500
250
0
Number of S/E/I/R patients
0
25
50
75
100
Time(days)
state
E
I
R
S

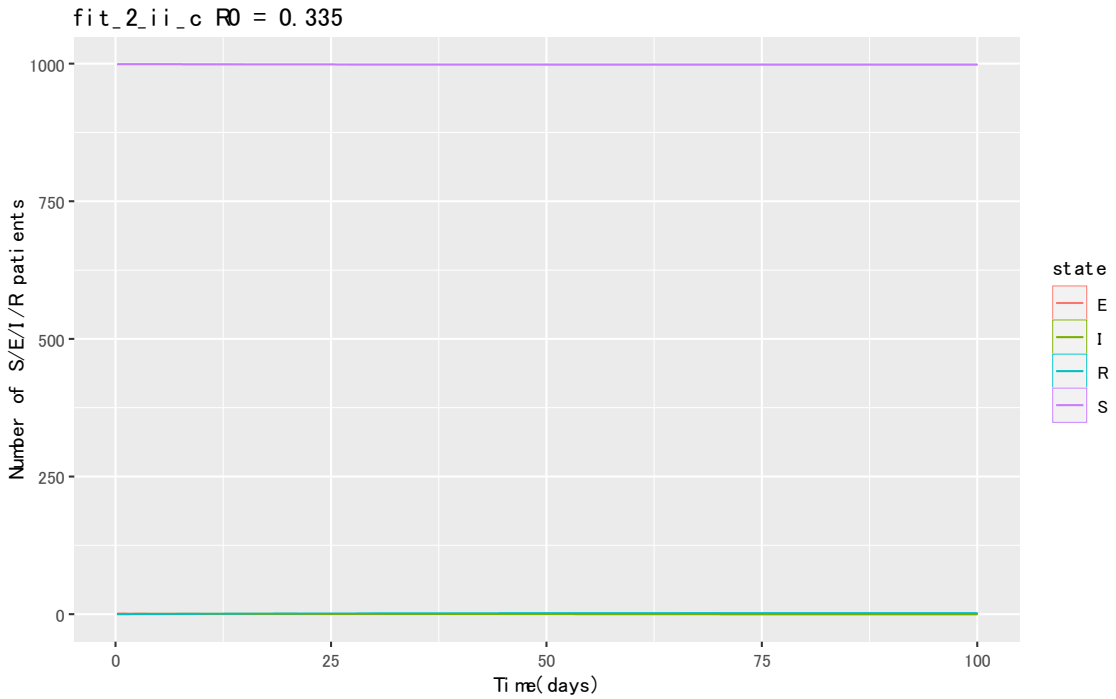

fit_2_i_a R0 = 0.057
1000
750
500
250
0
Number of S/E/I/R patients
0
25
50
75
100
Time(days)
state
E
I
R
S

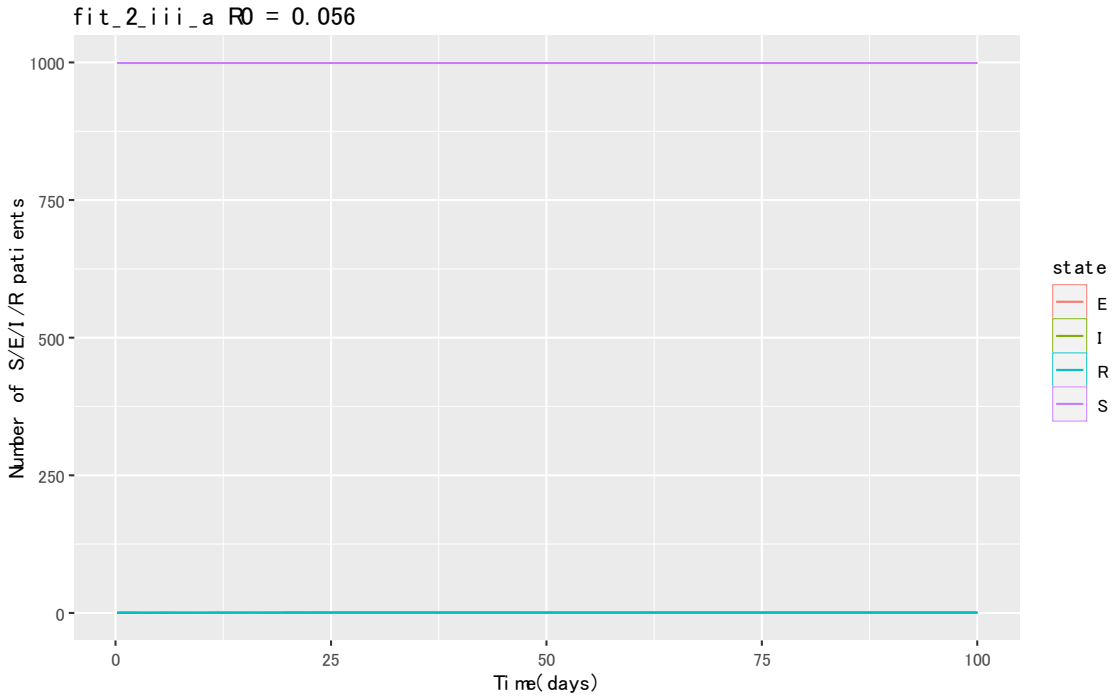

fit_2_i_b R0 = 0.149
1000
750
500
250
0
Number of S/E/I/R patients
0
25
50
75
100
Time(days)
state
E
I
R
S

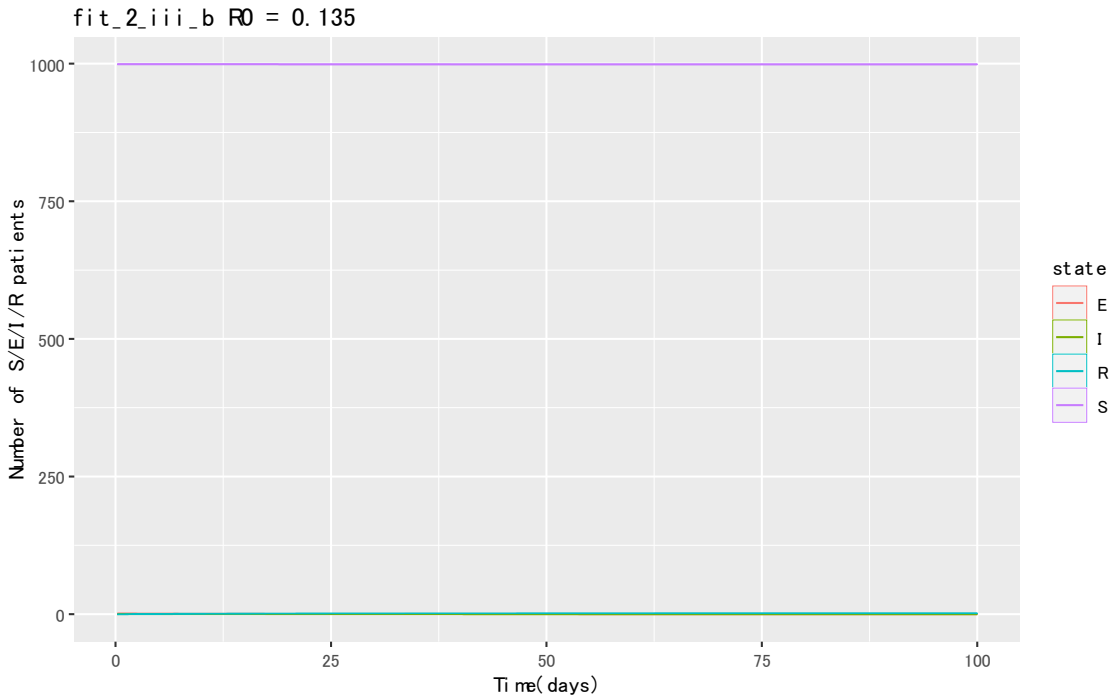

fit_2_i_c R0 = 0.324
1000
750
500
250
0
Number of S/E/I/R patients
0
25
50
75
100
Time(days)
state
E
I
R
S

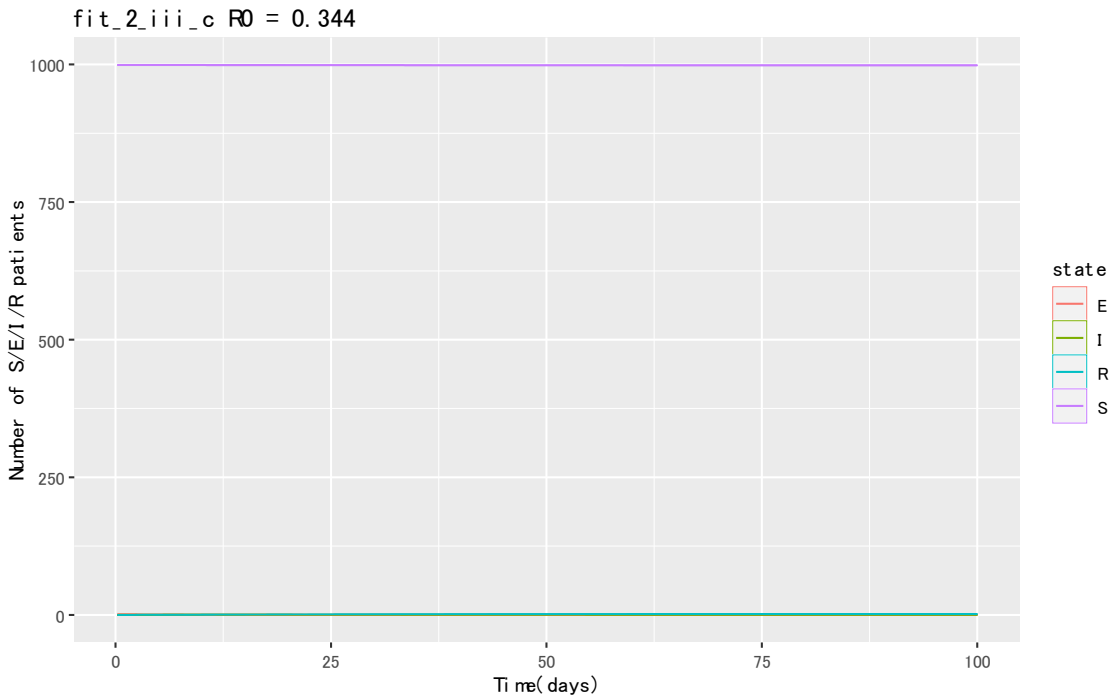

fit_2_ii_a R0 = 0.054
1000
750
500
250
0
Number of S/E/I/R patients
0
25
50
75
100
Time(days)
state
E
I
R
S

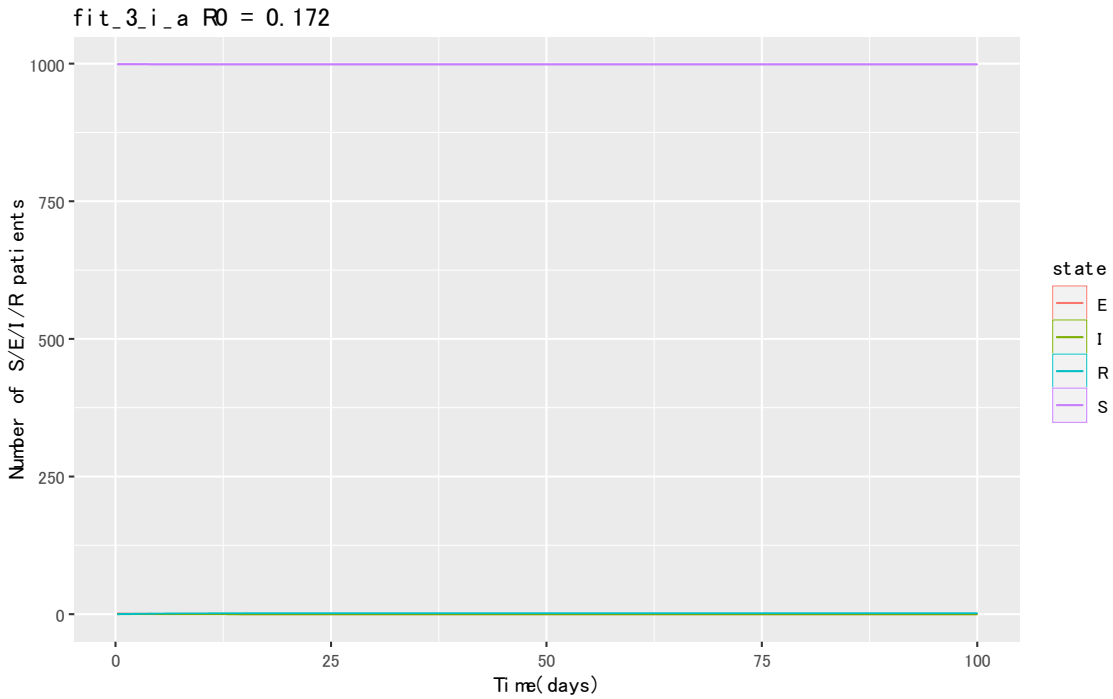

fit_2_ii_b R0 = 0.134
1000
750
500
250
0
Number of S/E/I/R patients
0
25
50
75
100
Time(days)
state
E
I
R
S

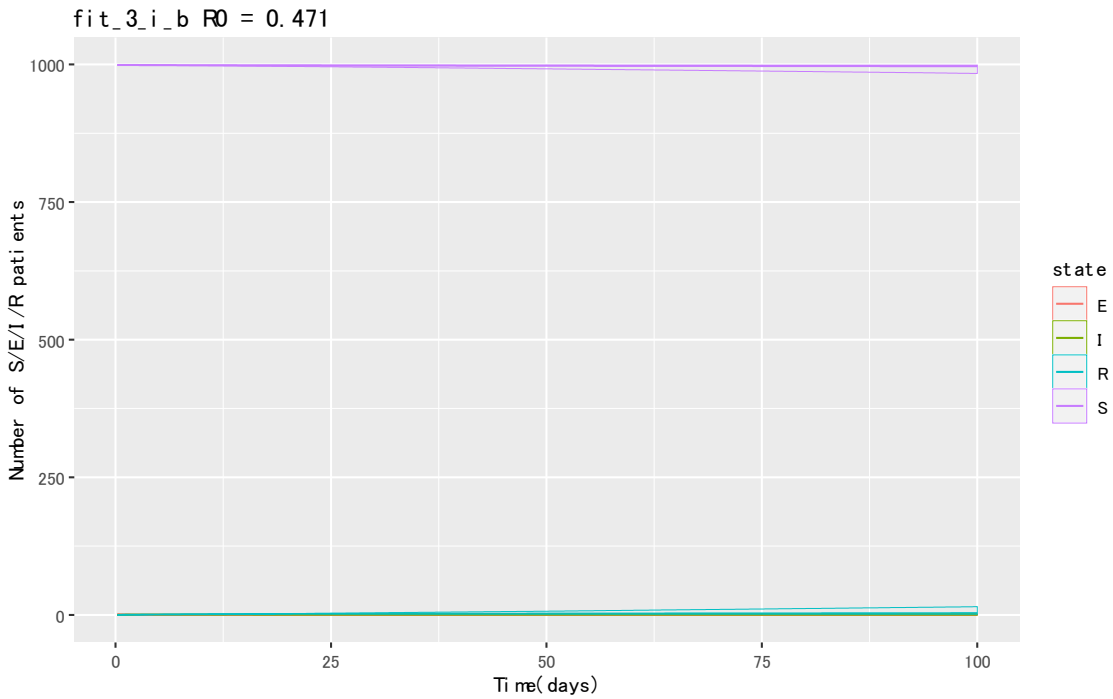

fit_2_ii_c R0 = 0.335
1000
750
500
250
0
Number of S/E/I/R patients
0
25
50
75
100
Time(days)
state
E
I
R
S

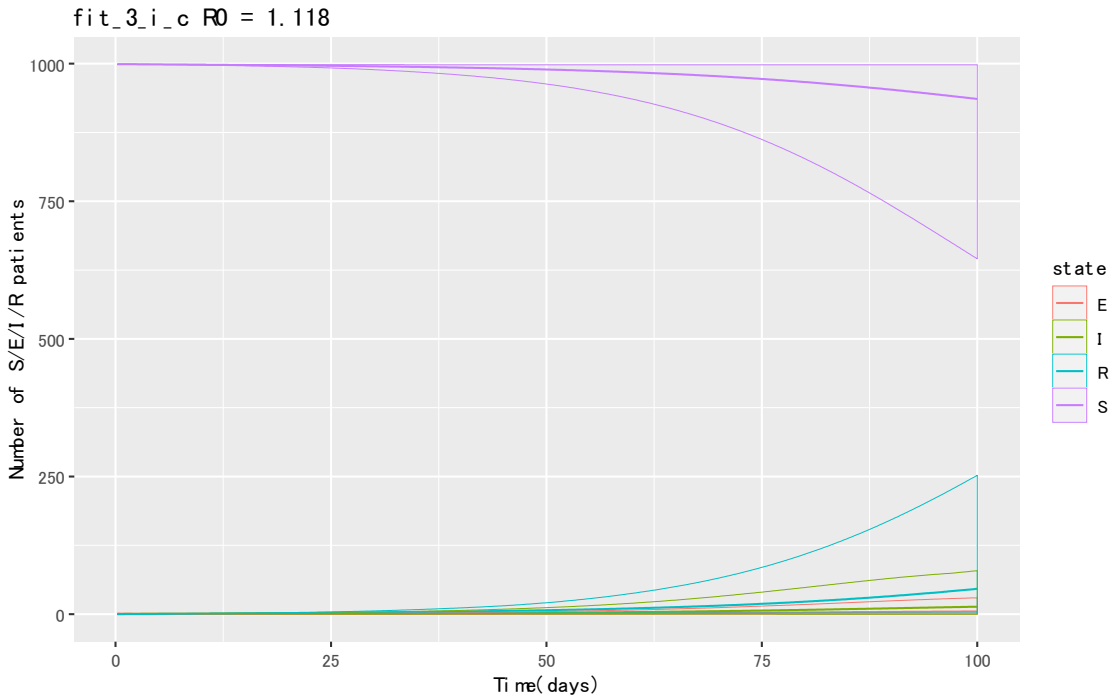

fit_2_iii_a R0 = 0.056
1000
750
500
250
0
Number of S/E/I/R patients
0
25
50
75
100
Time(days)
state
E
I
R
S

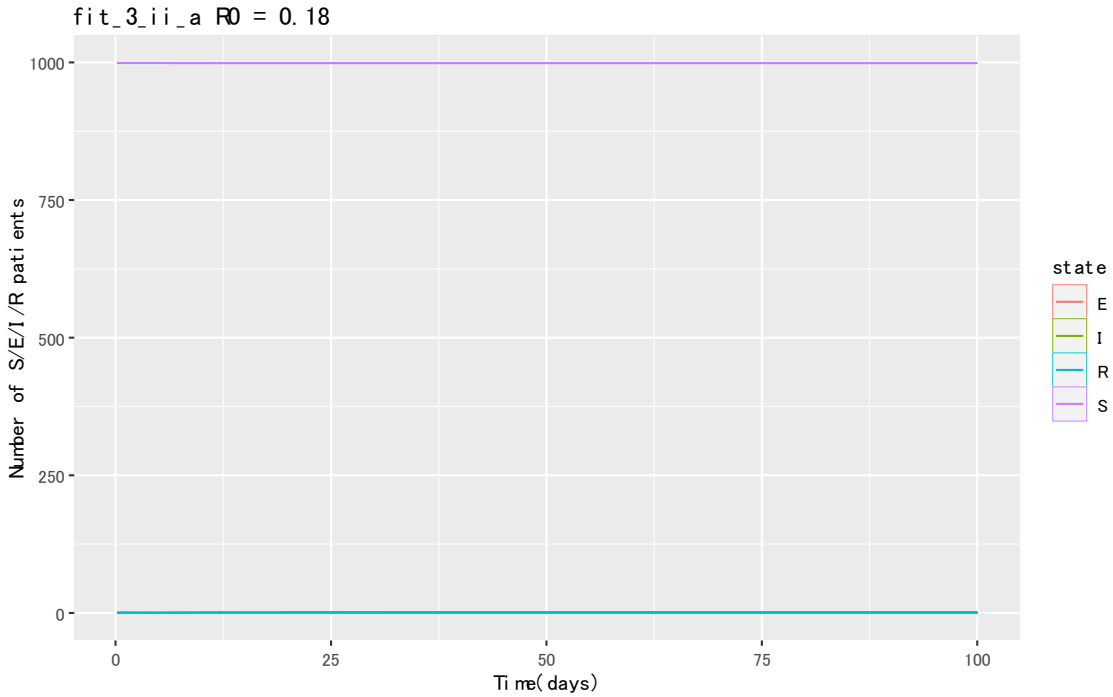

fit_2_iii_b R0 = 0.135
1000
750
500
250
0
Number of S/E/I/R patients
0
25
50
75
100
Time(days)
state
E
I
R
S

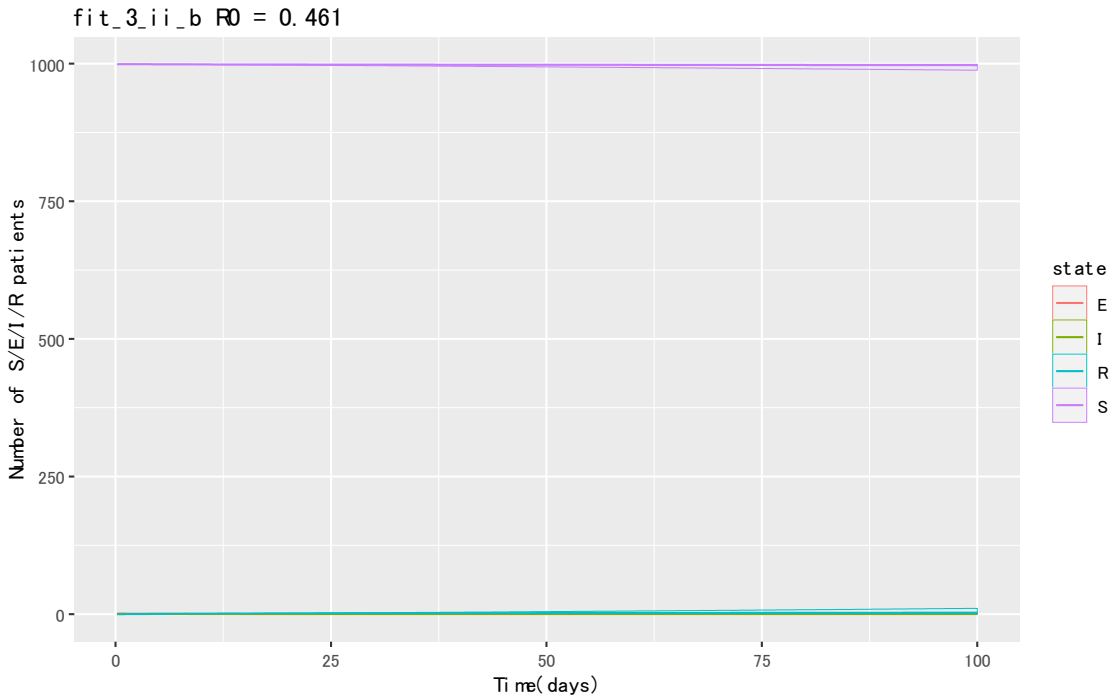

fit_2_iii_c R0 = 0.344
1000
750
500
250
0
Number of S/E/I/R patients
0
25
50
75
100
Time(days)
state
E
I
R
S

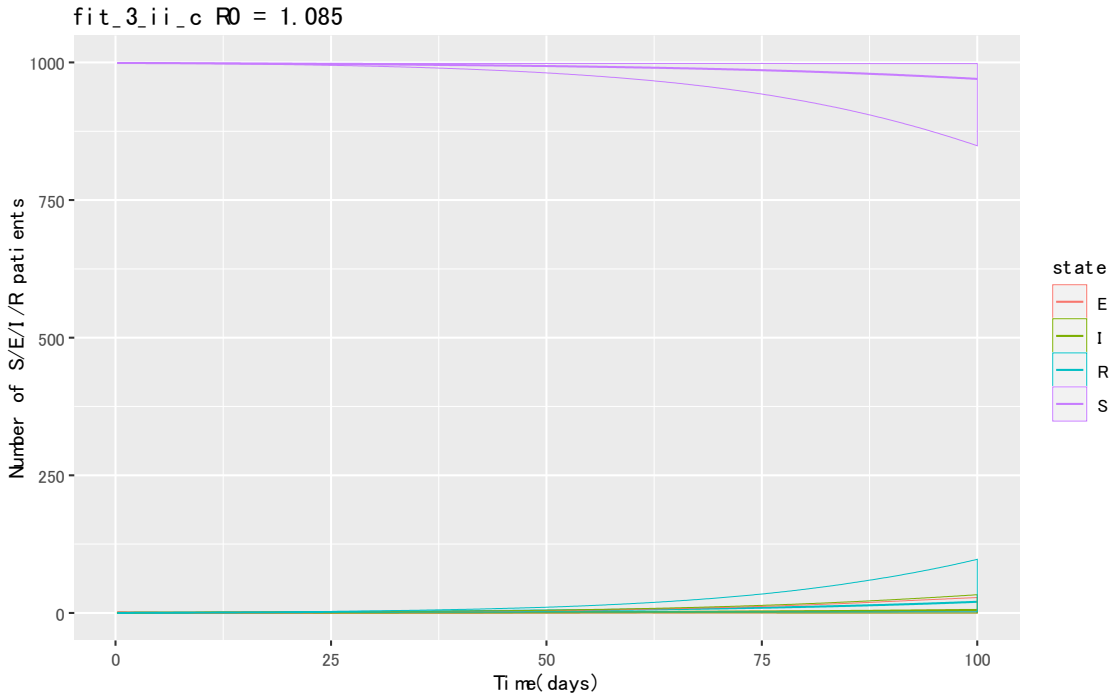

fit_3_i_a R0 = 0.172
1000
750
500
250
0
Number of S/E/I/R patients
0
25
50
75
100
Time(days)
state
E
I
R
S

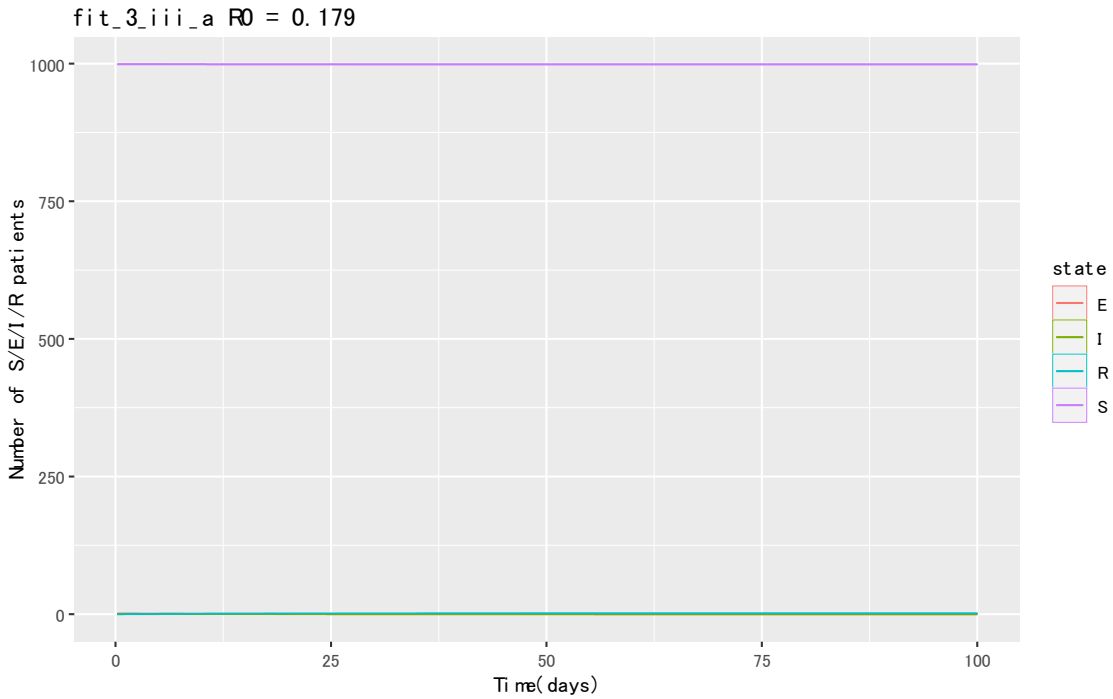

fit_3_i_b R0 = 0.471
1000
750
500
250
0
Number of S/E/I/R patients
0
25
50
75
100
Time(days)
state
E
I
R
S

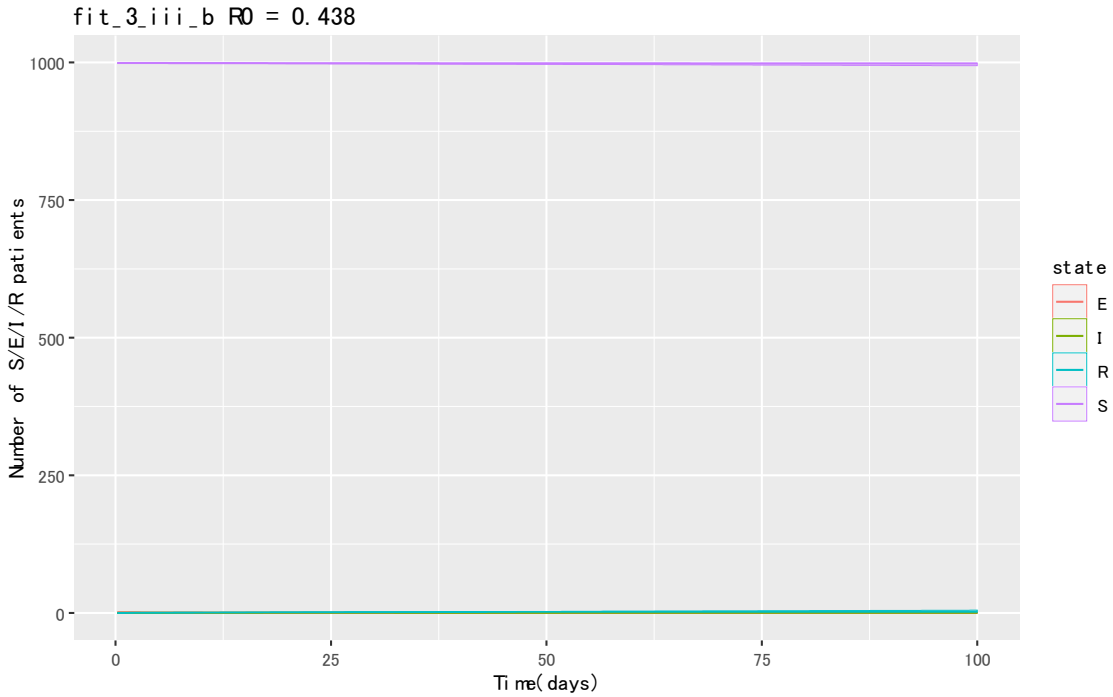

fit_3_i_c R0 = 1.118
1000
750
500
250
0
Number of S/E/I/R patients
0
25
50
75
100
Time(days)
state
E
I
R
S

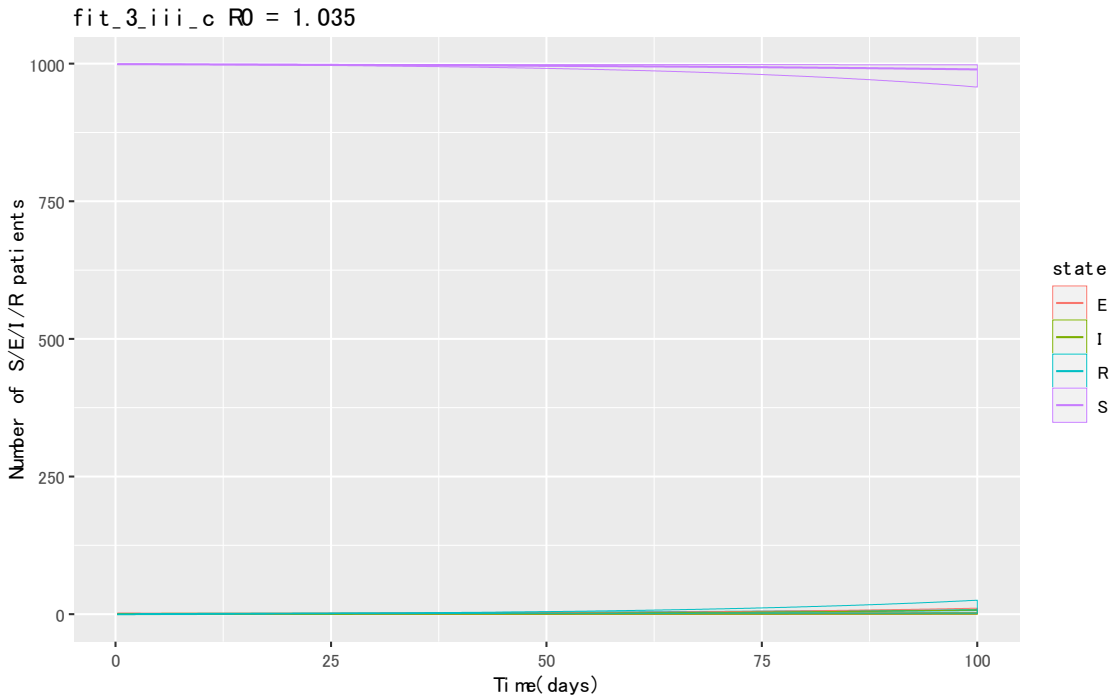

fit_3_ii_a R0 = 0.18
1000
750
500
250
0
Number of S/E/I/R patients
0
25
50
75
100
Time(days)
state
E
I
R
S

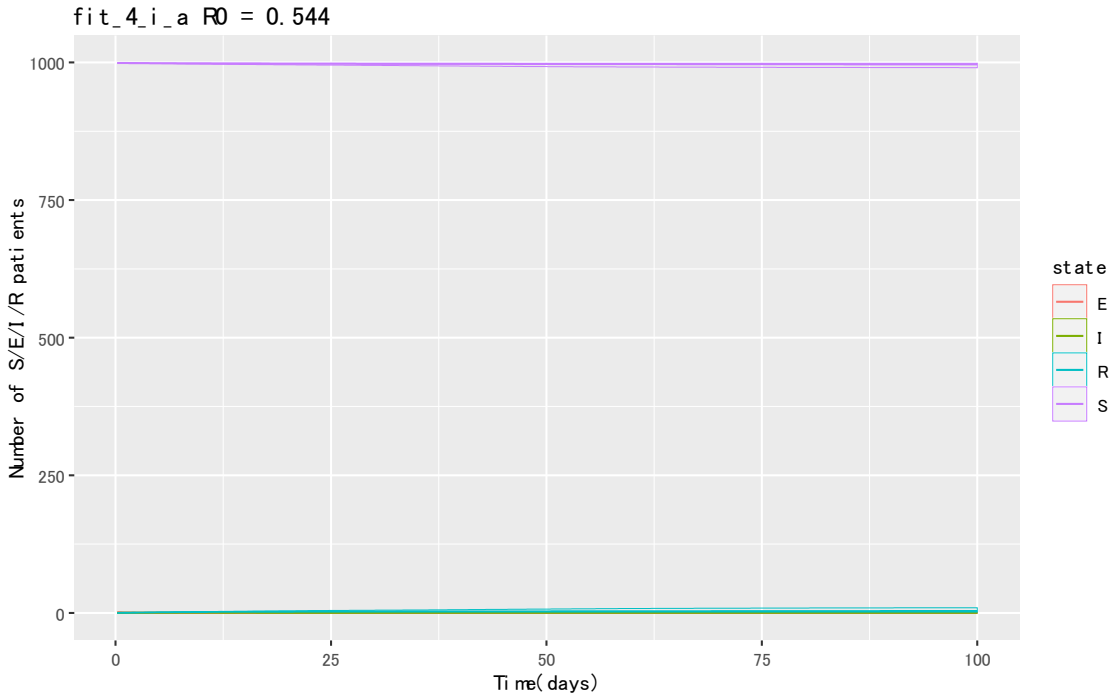

fit_3_ii_b R0 = 0.461
1000
750
500
250
0
Number of S/E/I/R patients
0
25
50
75
100
Time(days)
state
E
I
R
S

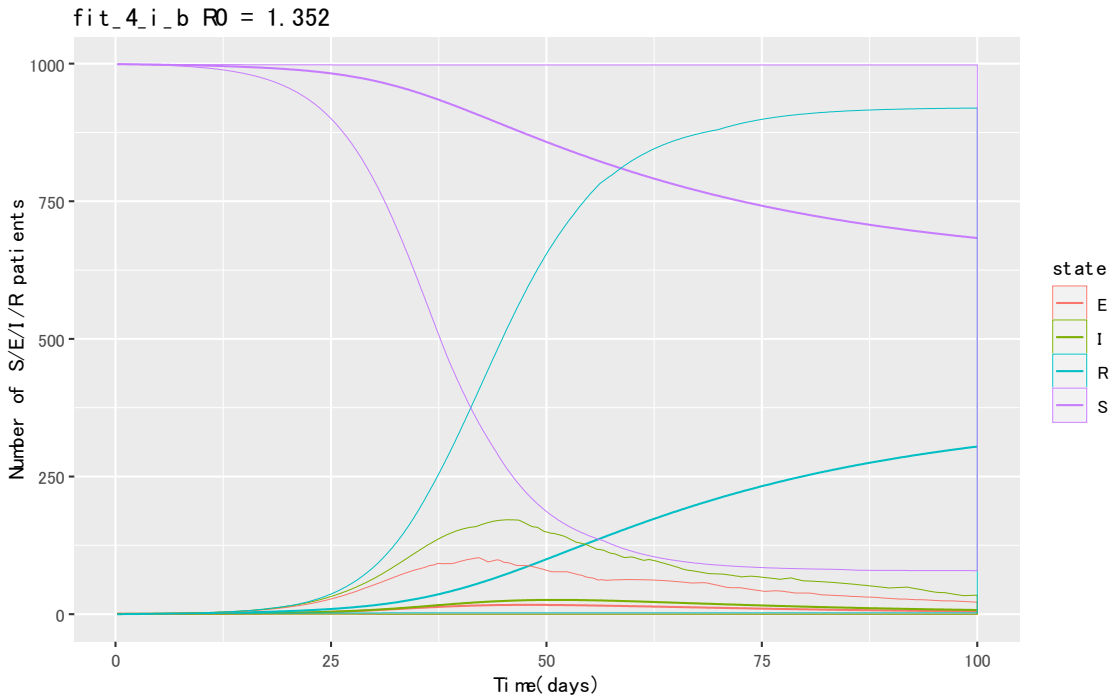

fit_3_ii_c R0 = 1.085
1000
750
500
250
0
Number of S/E/I/R patients
0
25
50
75
100
Time(days)
state
E
I
R
S

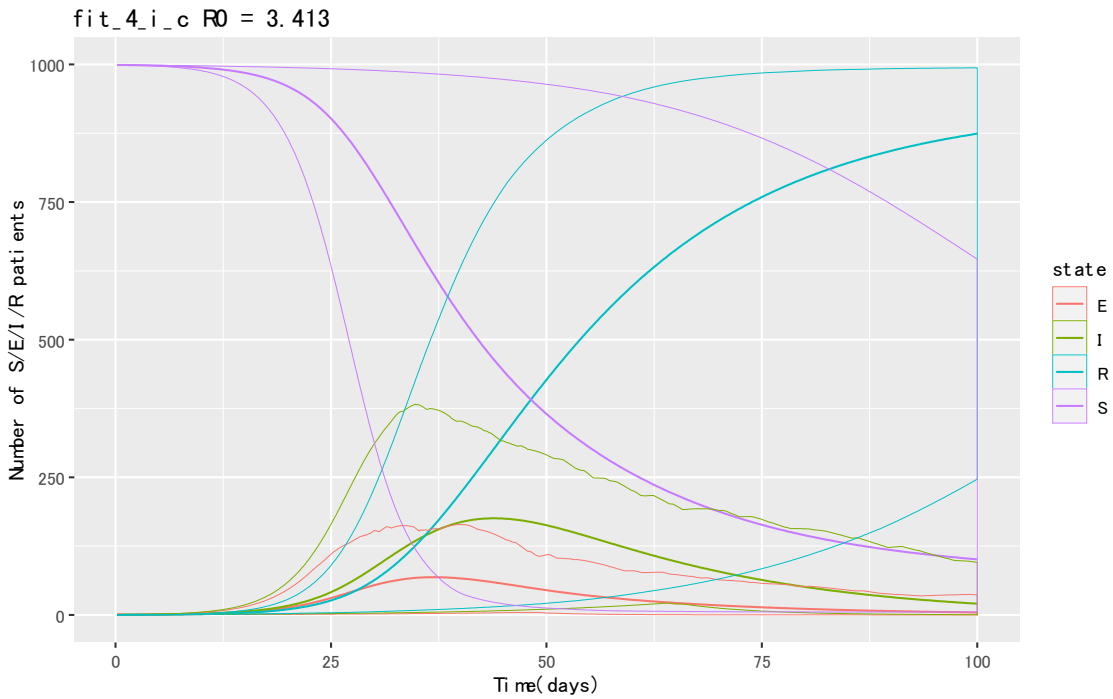

fit_3_iii_a R0 = 0.179
1000
750
500
250
0
Number of S/E/I/R patients
0
25
50
75
100
Time(days)
state
E
I
R
S

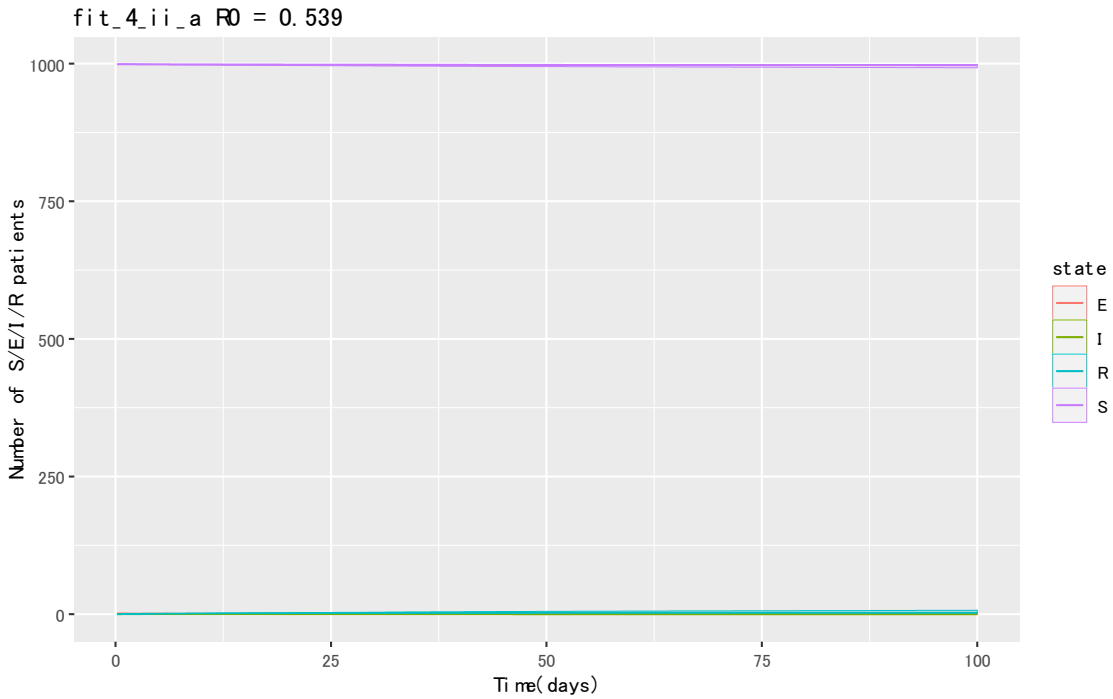

fit_3_iii_b R0 = 0.438
1000
750
500
250
0
Number of S/E/I/R patients
0
25
50
75
100
Time(days)
state
E
I
R
S

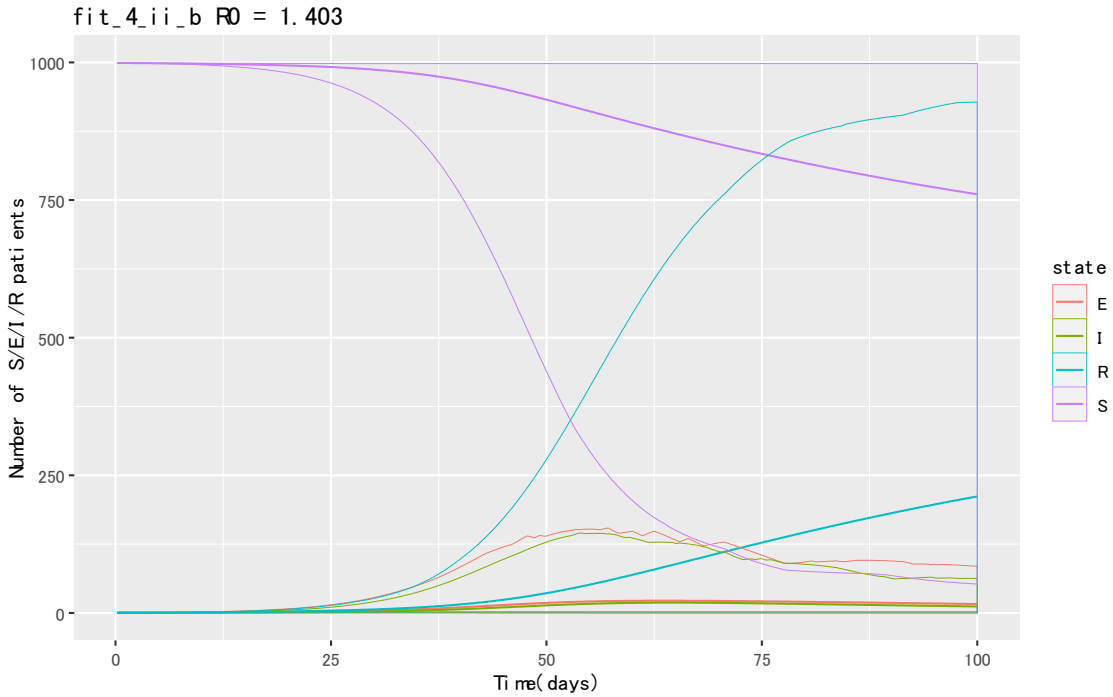

fit_3_iii_c R0 = 1.035
1000
750
500
250
0
Number of S/E/I/R patients
0
25
50
75
100
Time(days)
state
E
I
R
S

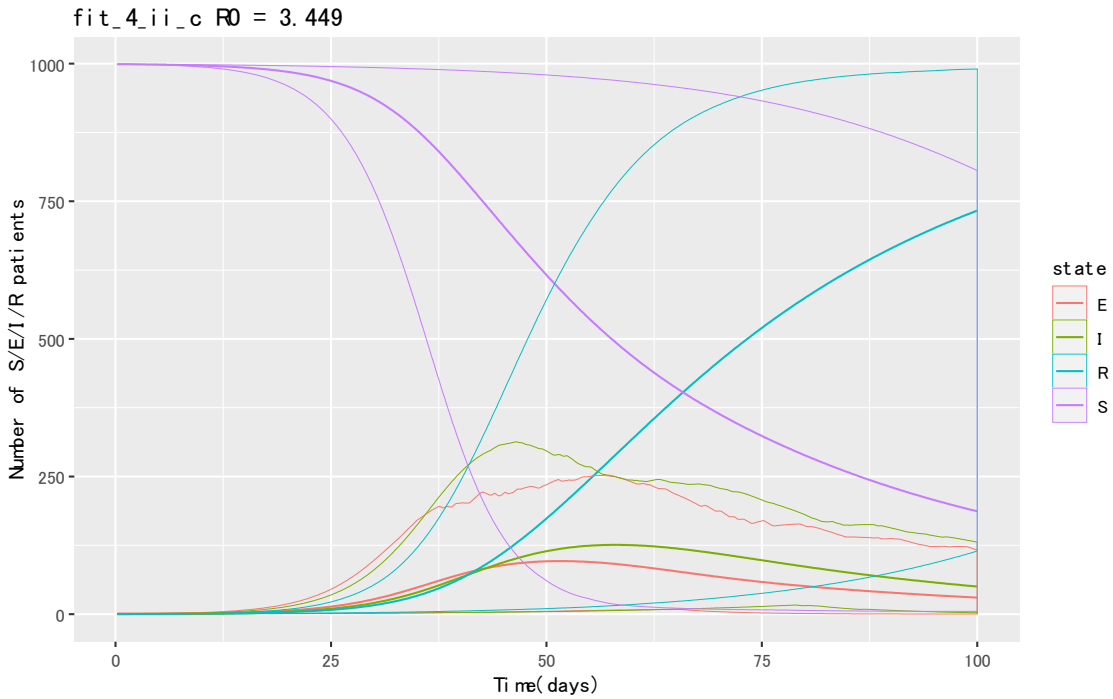

fit_4_i_a R0 = 0.544
1000
750
500
250
0
Number of S/E/I/R patients
0
25
50
75
100
Time(days)
state
E
I
R
S

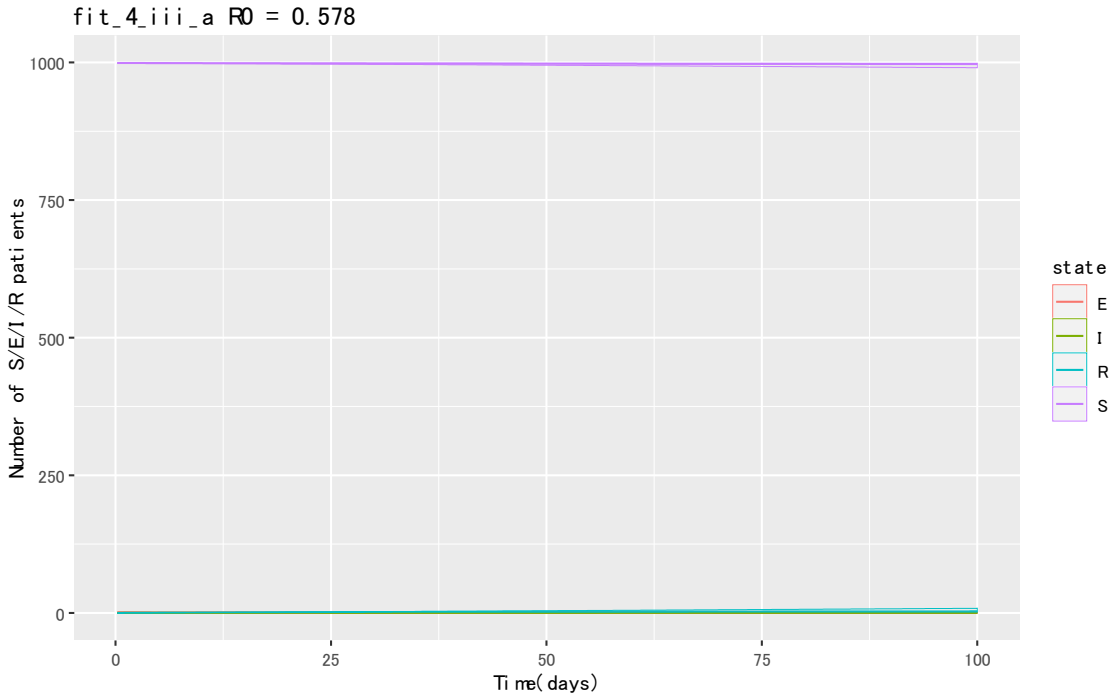

fit_4_i_b R0 = 1.352
1000
750
500
250
0
Number of S/E/I/R patients
0
25
50
75
100
Time(days)
state
E
I
R
S

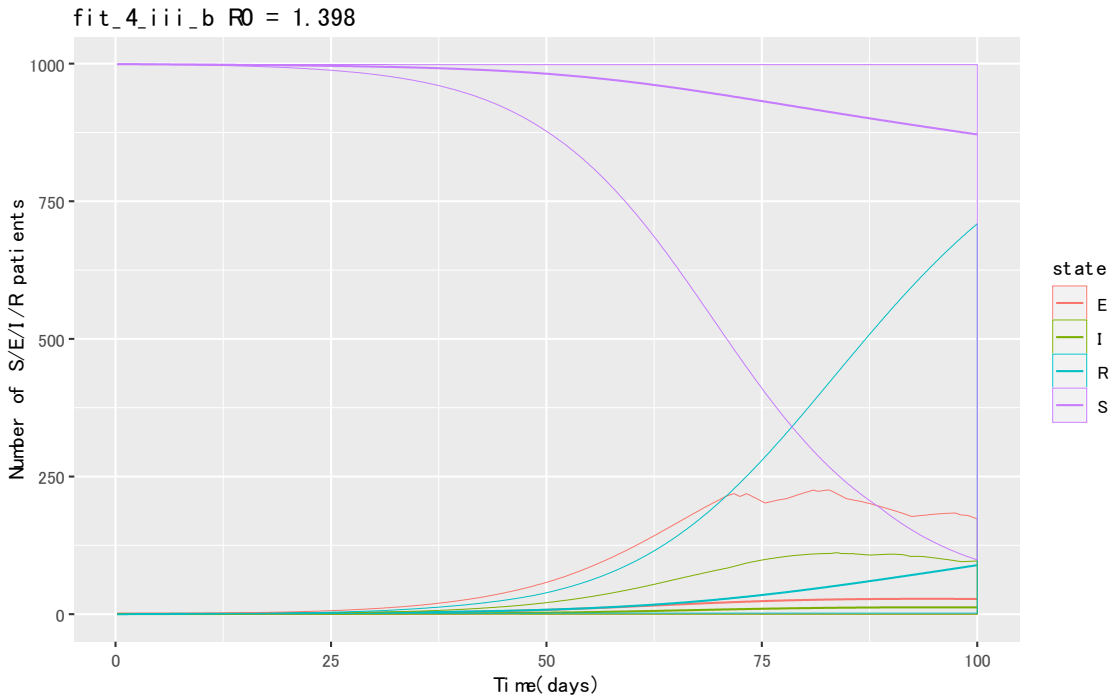

fit_4_i_c R0 = 3.413
1000
750
500
250
0
Number of S/E/I/R patients
0
25
50
75
100
Time(days)
state
E
I
R
S

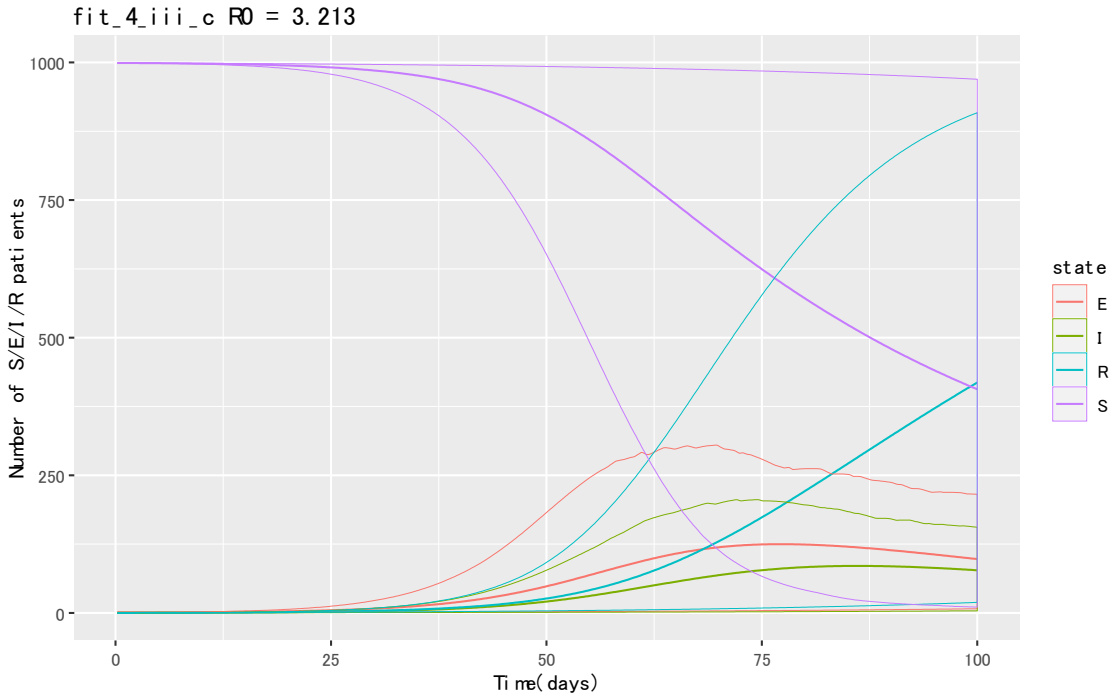

fit_4_ii_a R0 = 0.539
1000
750
500
250
0
Number of S/E/I/R patients
0
25
50
75
100
Time(days)
state
E
I
R
S

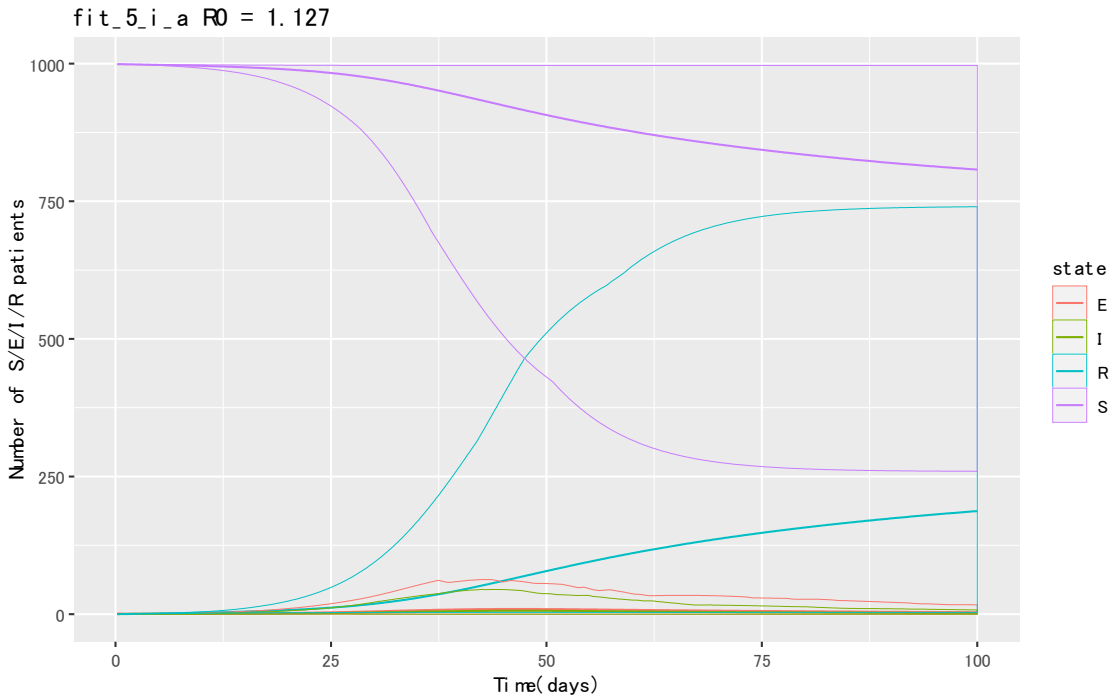

fit_4_ii_b R0 = 1.403
1000
750
500
250
0
Number of S/E/I/R patients
0
25
50
75
100
Time(days)
state
E
I
R
S

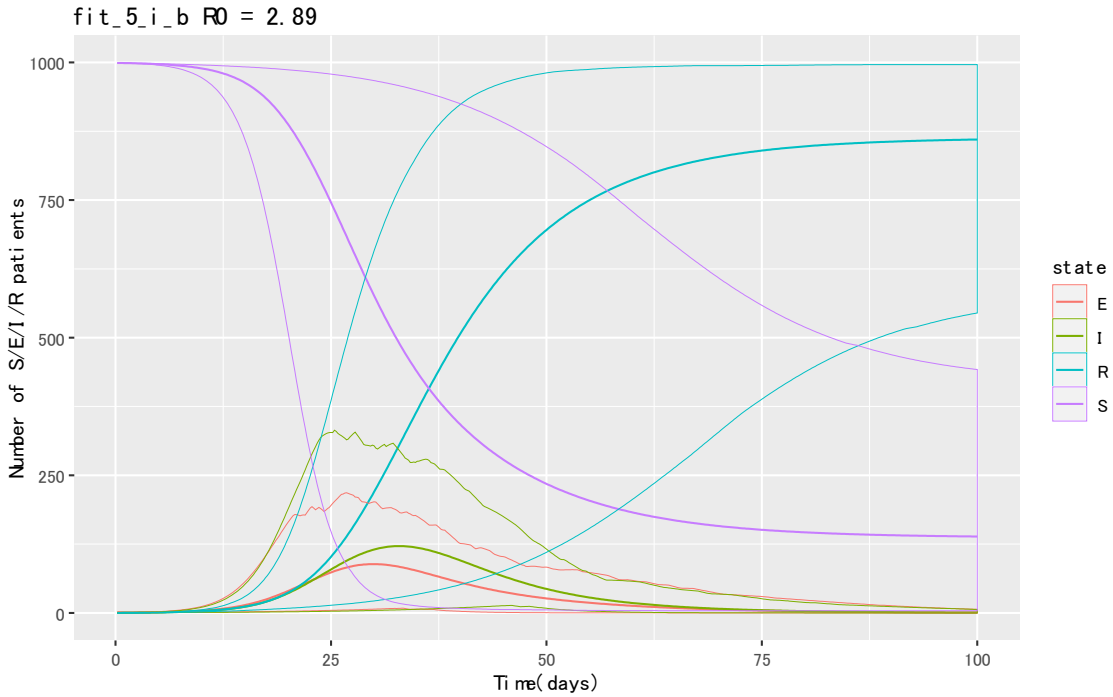

fit_4_ii_c R0 = 3.449
1000
750
500
250
0
Number of S/E/I/R patients
0
25
50
75
100
Time(days)
state
E
I
R
S

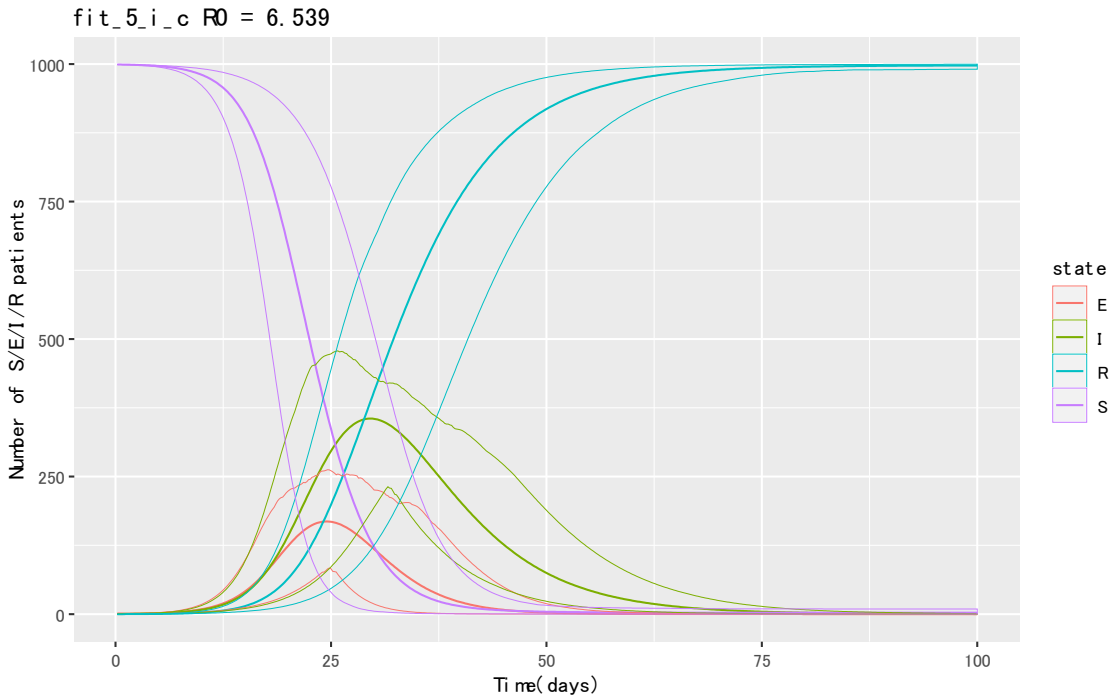

fit_4_iii_a R0 = 0.578
1000
750
500
250
0
Number of S/E/I/R patients
0
25
50
75
100
Time(days)
state
E
I
R
S

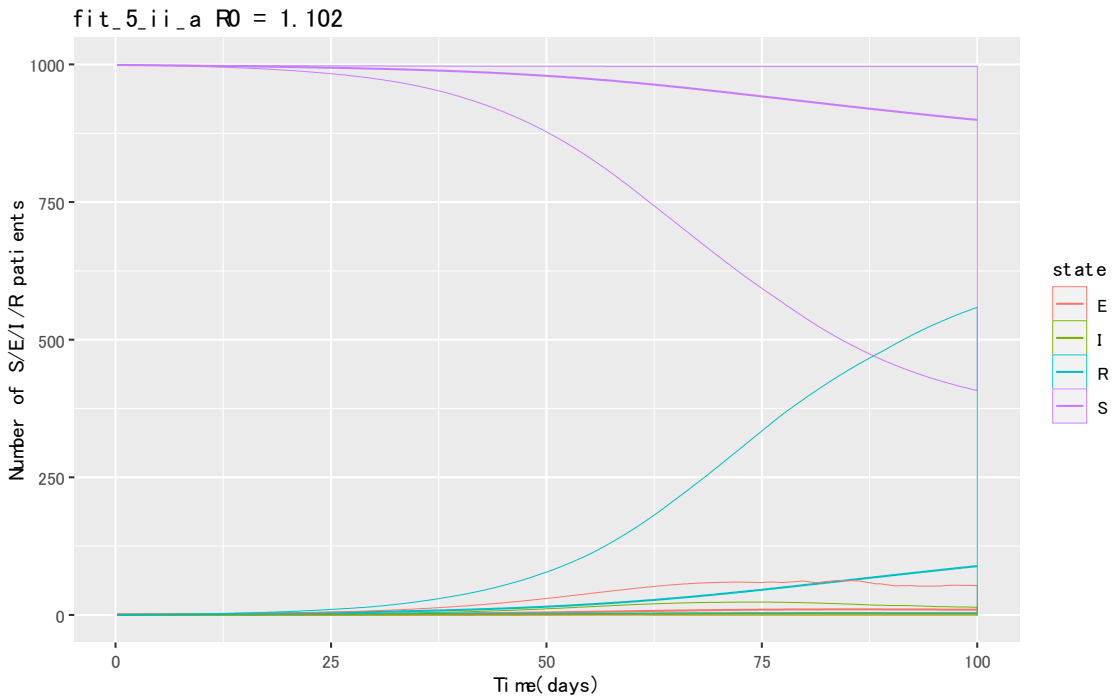

fit_4_iii_b R0 = 1.398
Number of S/E/I/R patients
Time(days)
state
E
I
R
S

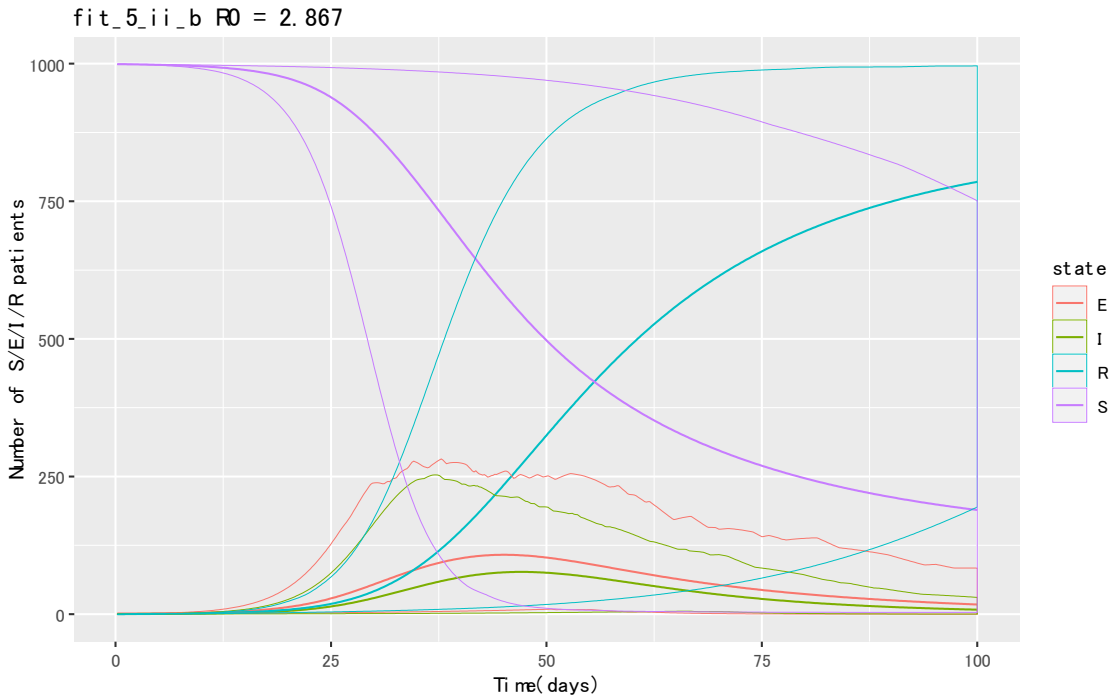

fit_4_iii_c R0 = 3.213
Number of S/E/I/R patients
Time(days)
state
E
I
R
S

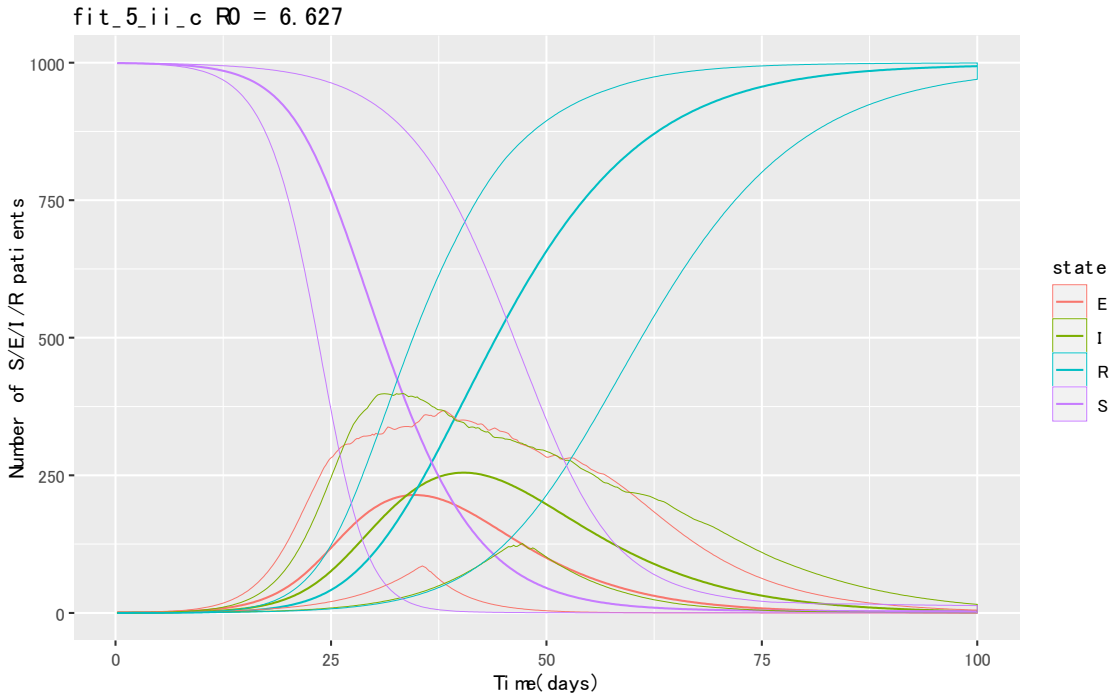

fit_5_i_a R0 = 1.127
1000
750
500
250
0
Number of S/E/I/R patients
0
25
50
75
100
Time(days)
state
E
I
R
S

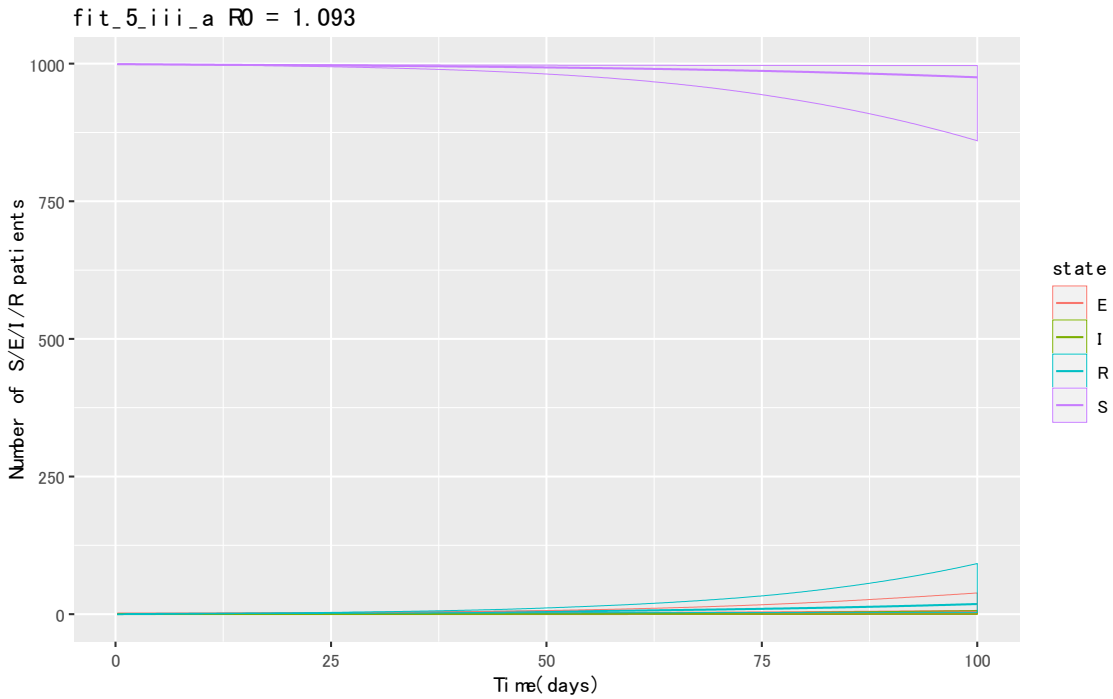

fit_5_i_b R0 = 2.89
1000
750
500
250
0
Number of S/E/I/R patients
0
25
50
75
100
Time(days)
state
E
I
R
S

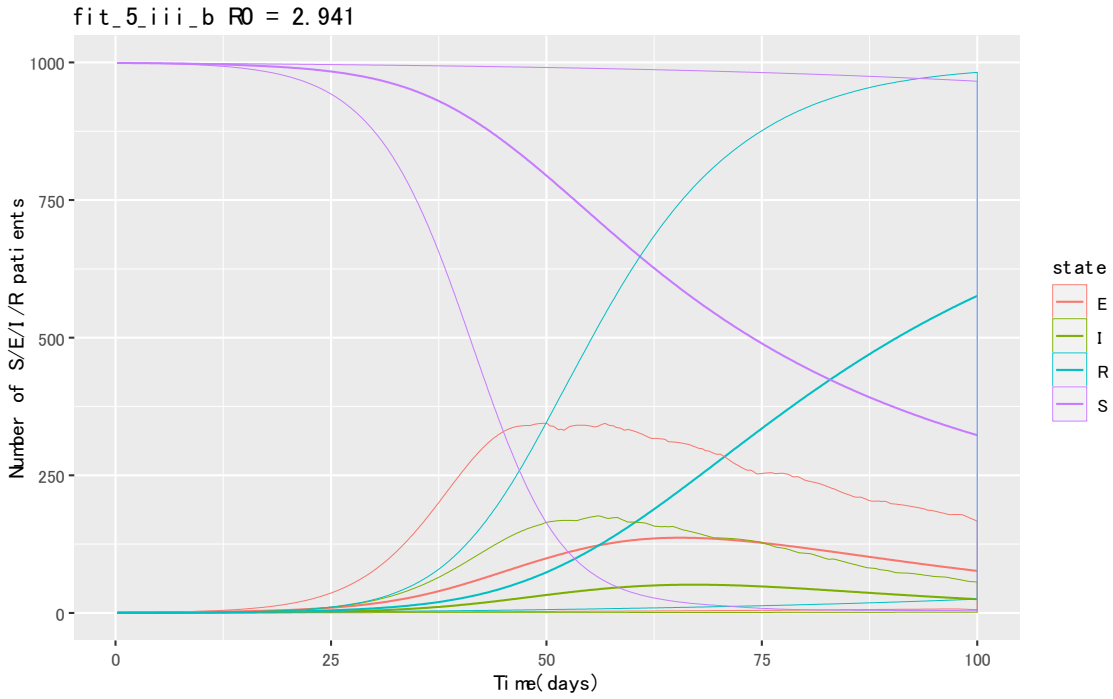

fit_5_i_c R0 = 6.539
1000
750
500
250
0
Number of S/E/I/R patients
0
25
50
75
100
Time(days)
state
E
I
R
S

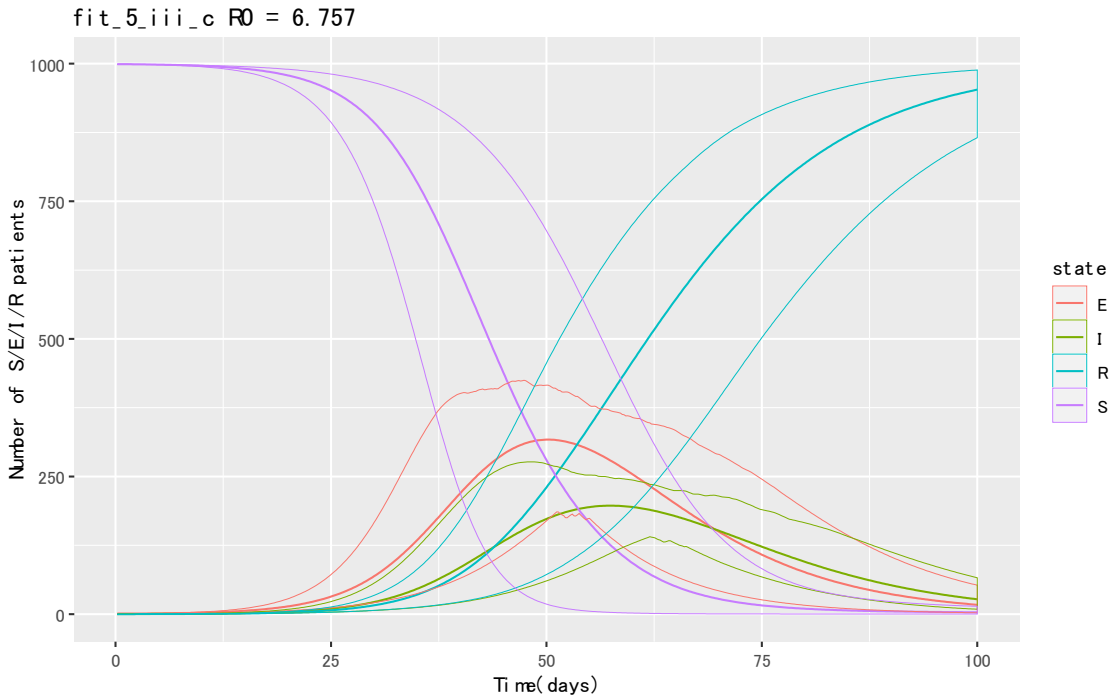

fit_5_ii_a R0 = 1.102
1000
750
500
250
0
Number of S/E/I/R patients
0
25
50
75
100
Time(days)
state
E
I
R
S


fit_5_ii_b R0 = 2.867
1000
750
500
250
0
Number of S/E/I/R patients
0
25
50
75
100
Time(days)
state
E
I
R
S


fit_5_ii_c R0 = 6.627
1000
750
500
250
0
Number of S/E/I/R patients
0
25
50
75
100
Time(days)
state
E
I
R
S


fit_5_iii_a R0 = 1.093
1000
750
500
250
0
Number of S/E/I/R patients
0
25
50
75
100
Time(days)
state
E
I
R
S


fit_5_iii_b R0 = 2.941
1000
750
500
250
0
Number of S/E/I/R patients
0
25
50
75
100
Time(days)
state
E
I
R
S


fit_5_iii_c R0 = 6.757
1000
750
500
250
0
Number of S/E/I/R patients
0
25
50
75
100
Time(days)
state
E
I
R
S