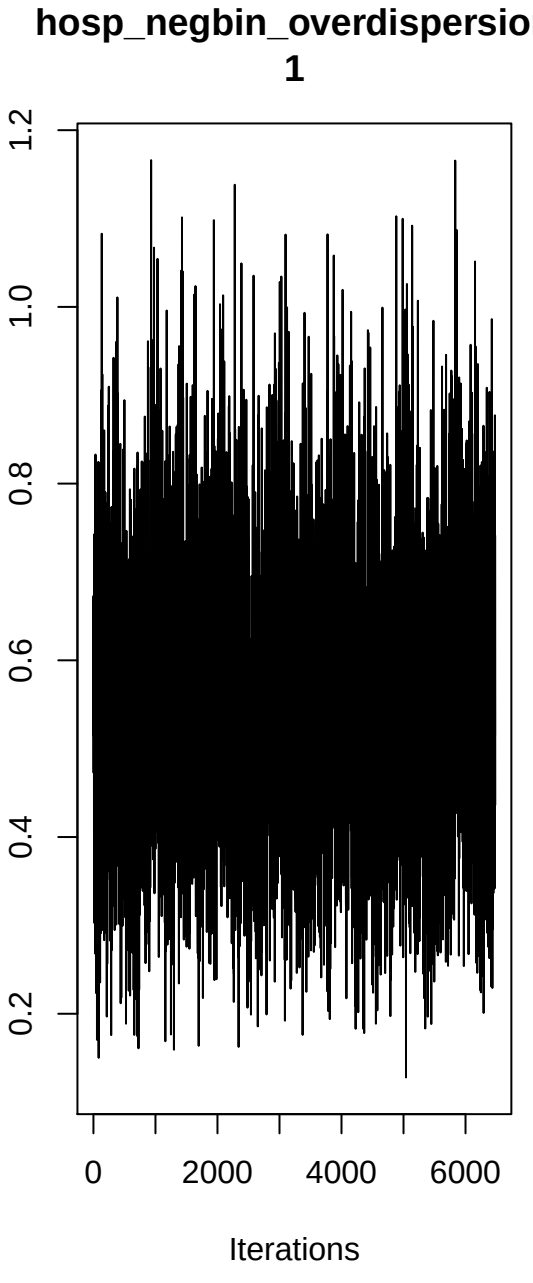
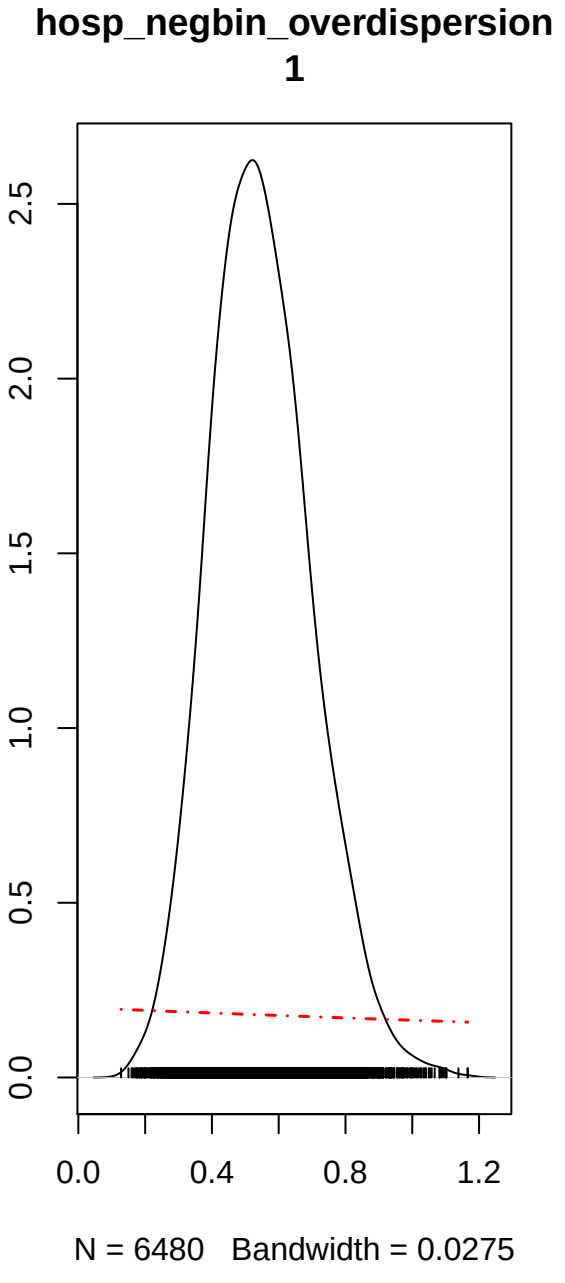
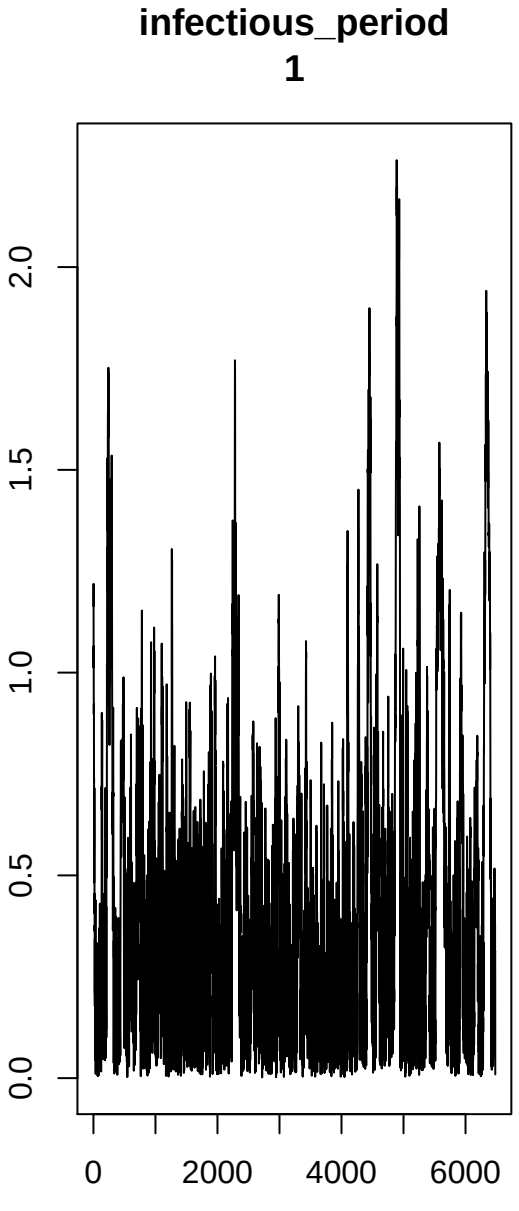
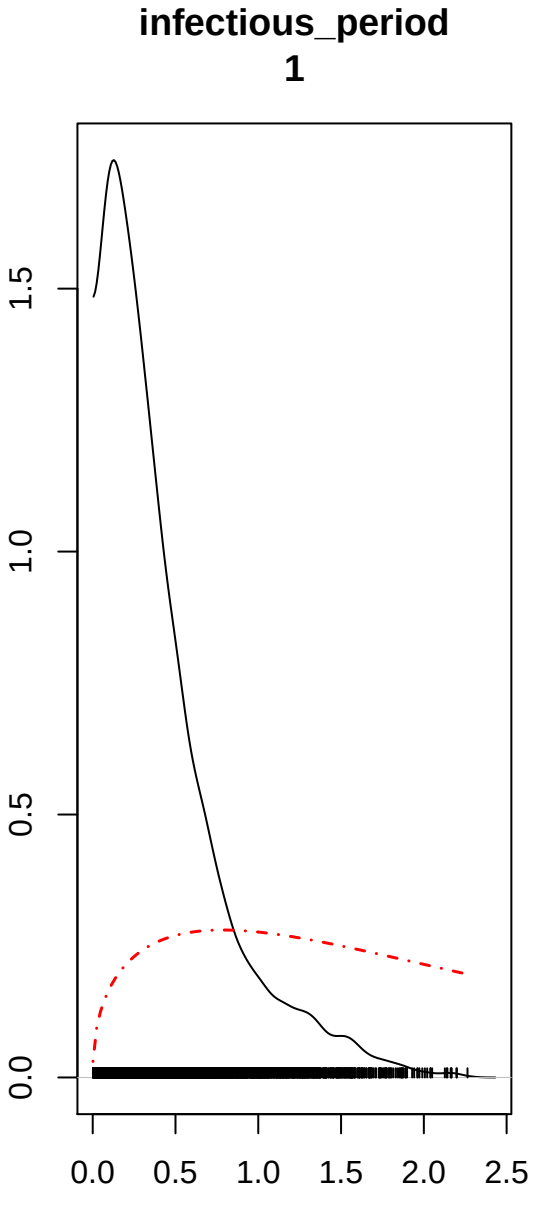
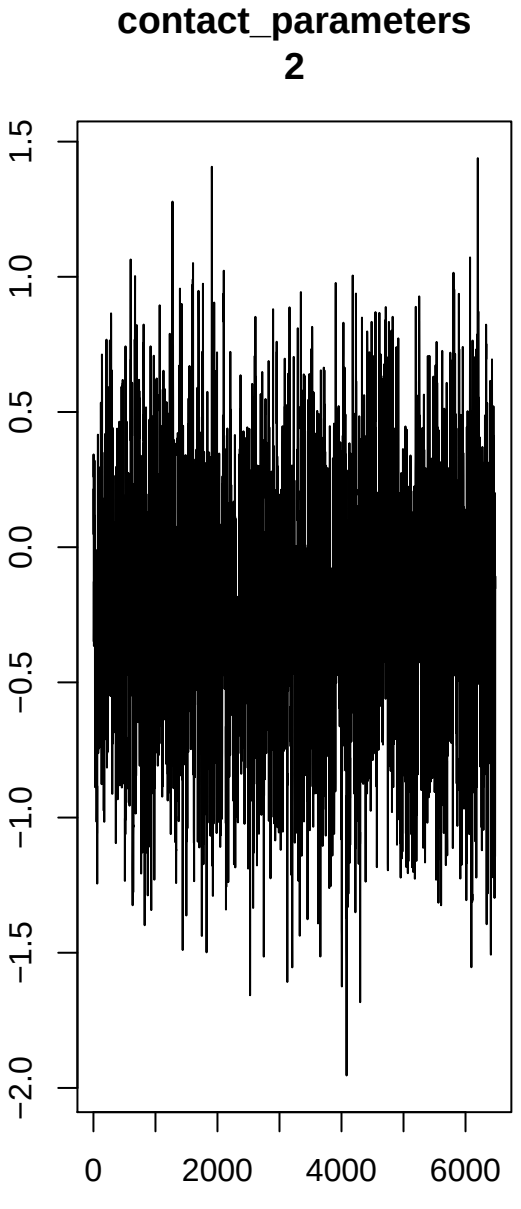
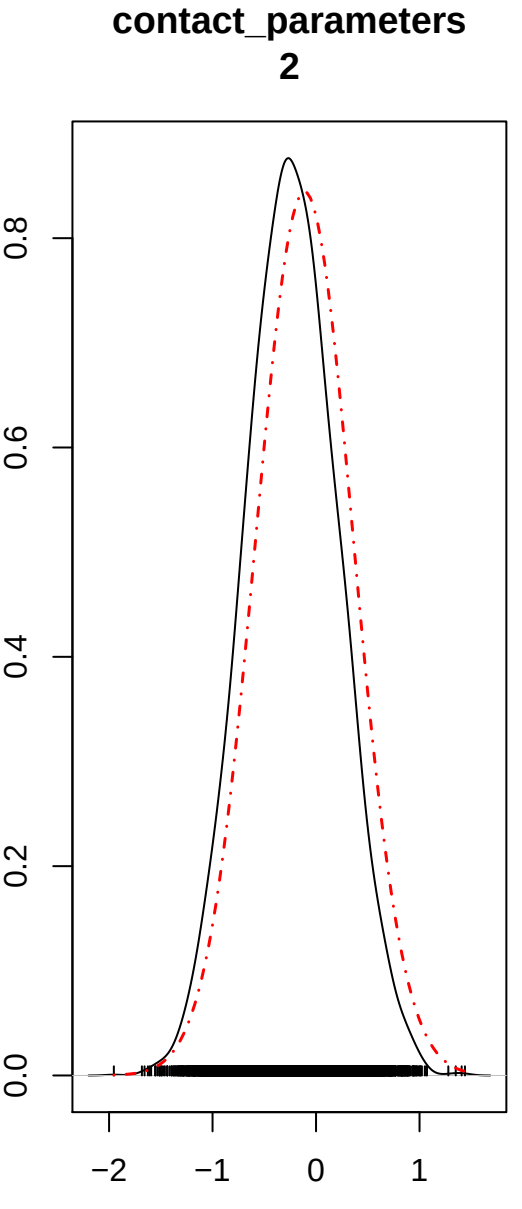

hosp_negbin_overdispersion
1
1.2
1.0
0.8
0.6
0.4
0.2
0
2000
4000
6000
Iterations

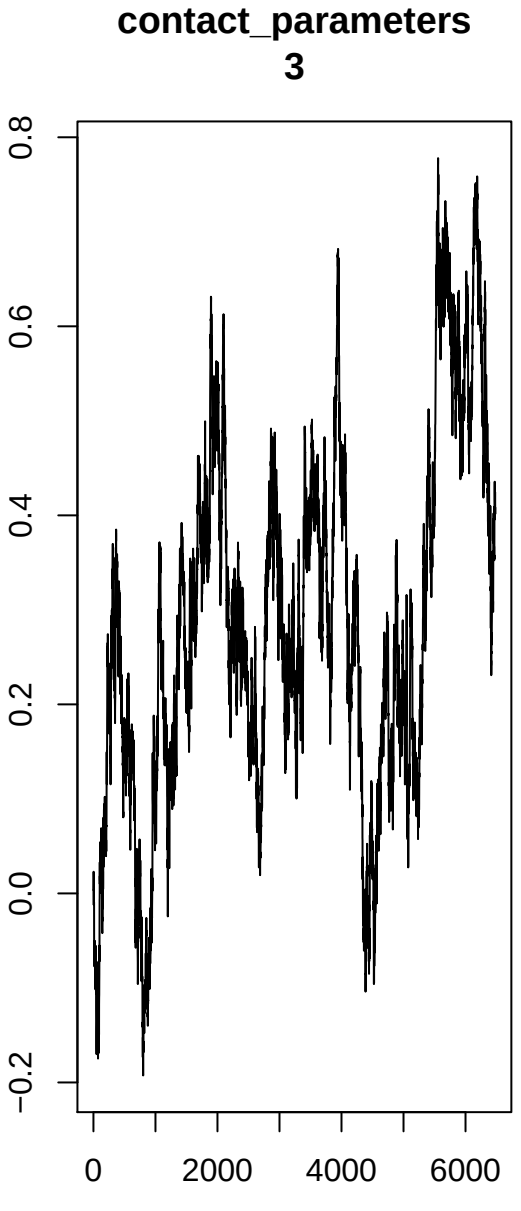

hosp_negbin_overdispersion
1
2.5
2.0
1.5
1.0
0.5
0.0
0.0
0.4
0.8
1.2
N = 6480 Bandwidth = 0.0275

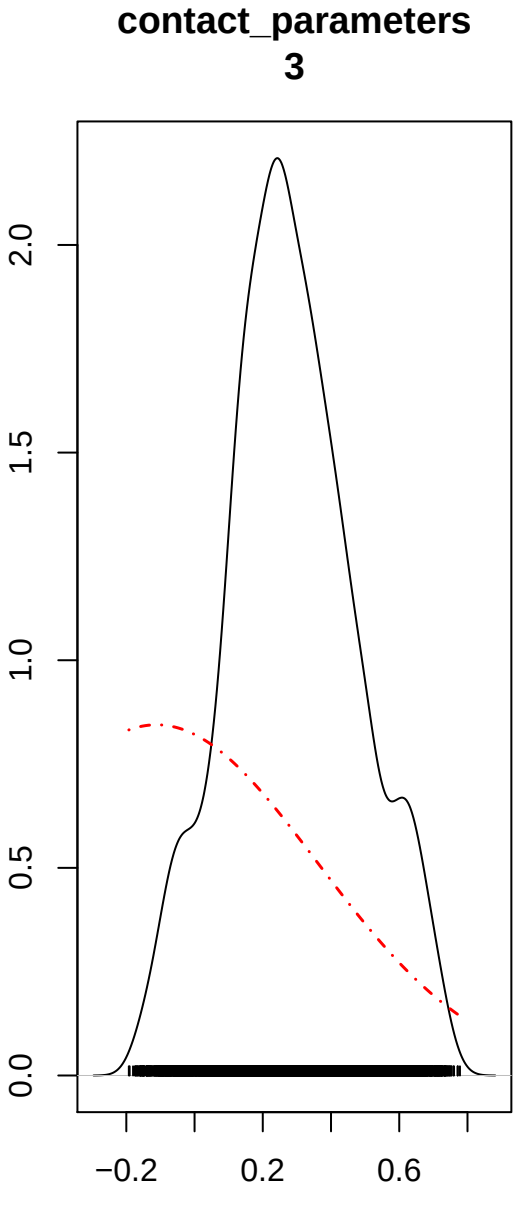

infectious_period
1
0.0
0.5
1.0
1.5
2.0
0
2000
4000
6000
Iterations

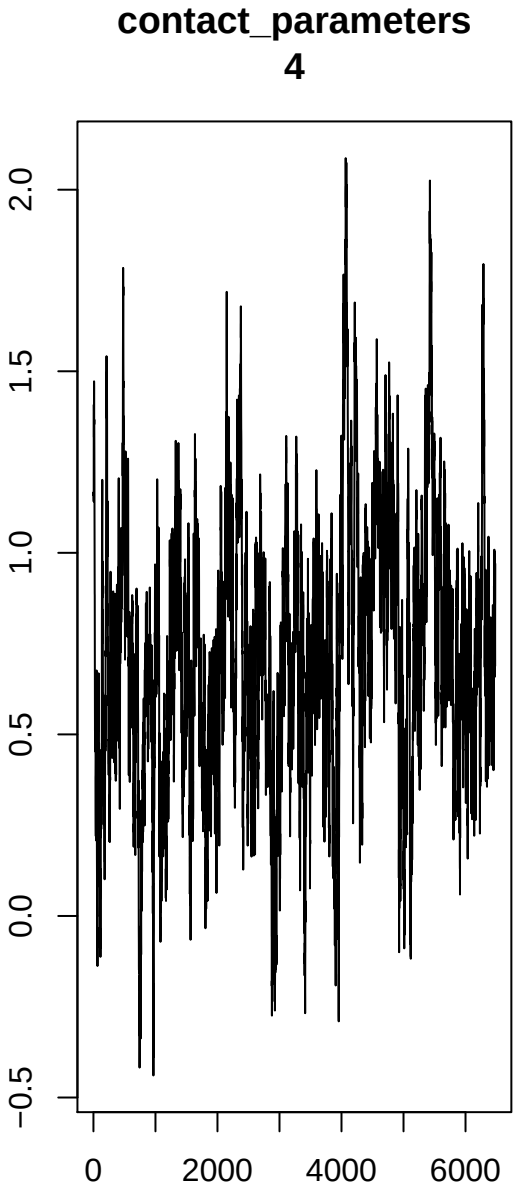

infectious_period
1
0.0
0.5
1.0
1.5
0.0
0.5
1.0
1.5
2.0
2.5
N = 6480 Bandwidth = 0.05595

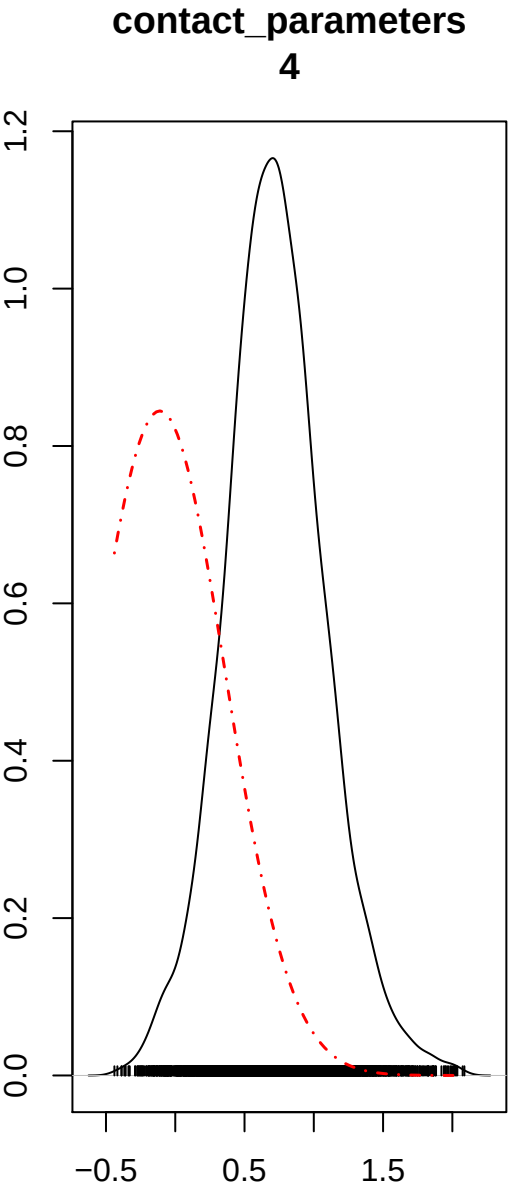

contact_parameters
2
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
0
2000
4000
6000
Iterations

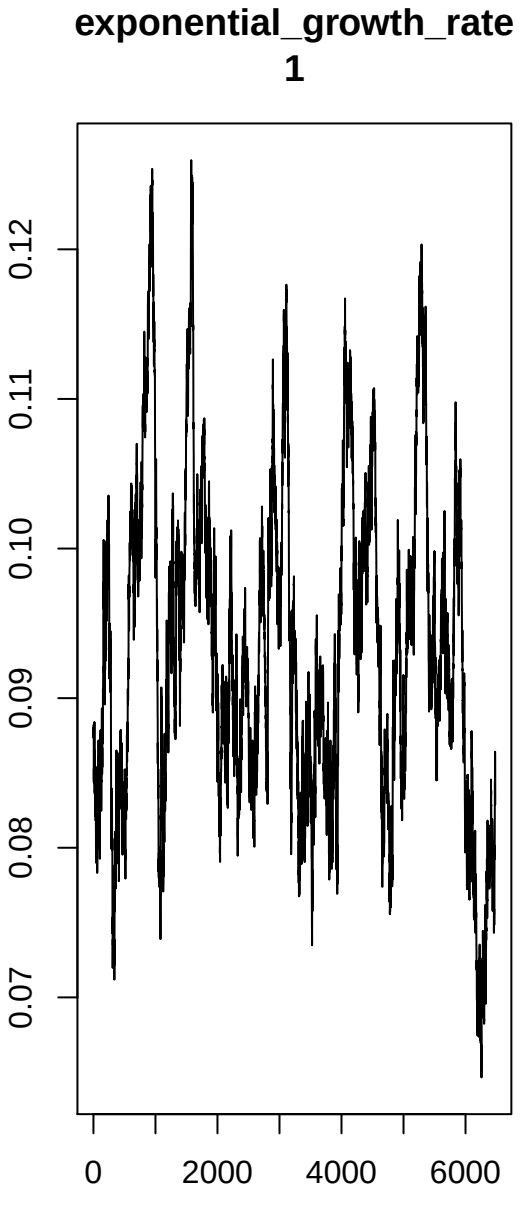

contact_parameters
2
0.8
0.6
0.4
0.2
0.0
−2
−1
0
1
N = 6480 Bandwidth = 0.0816

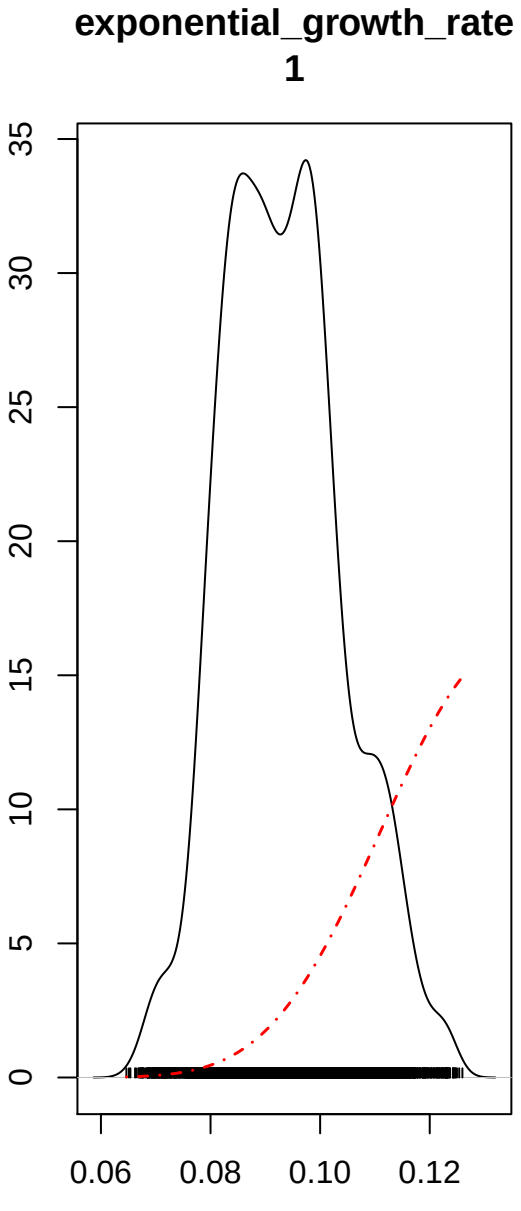

contact_parameters
3
0.8
0.6
0.4
0.2
0.0
−0.2
0
2000
4000
6000
Iterations

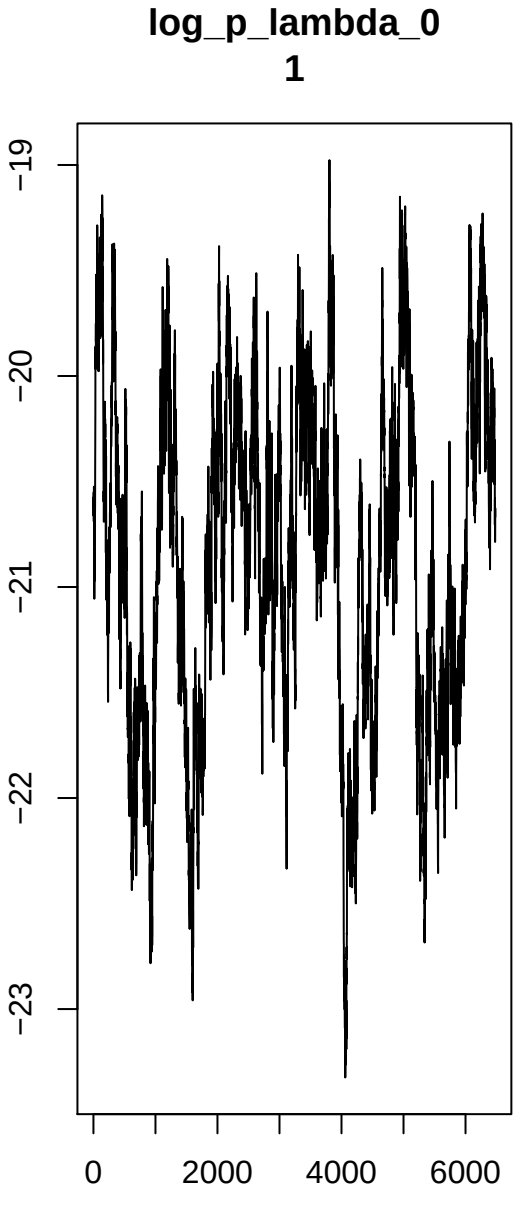

contact_parameters
3
2.0
1.5
1.0
0.5
0.0
−0.2
0.2
0.6
N = 6480 Bandwidth = 0.03452

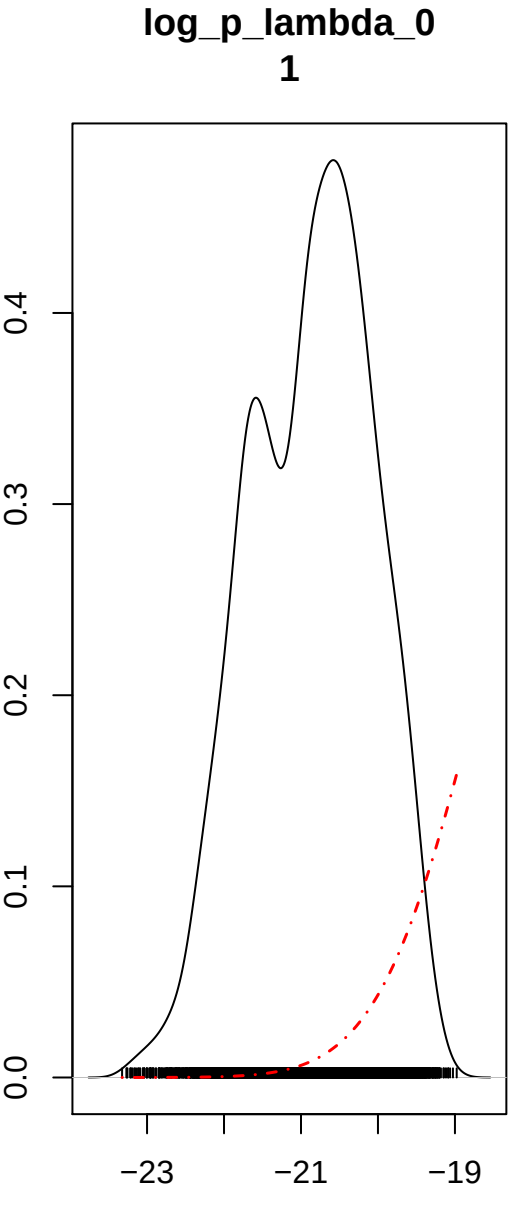

contact_parameters
4
2.0
1.5
1.0
0.5
0.0
−0.5
0
2000
4000
6000
Iterations

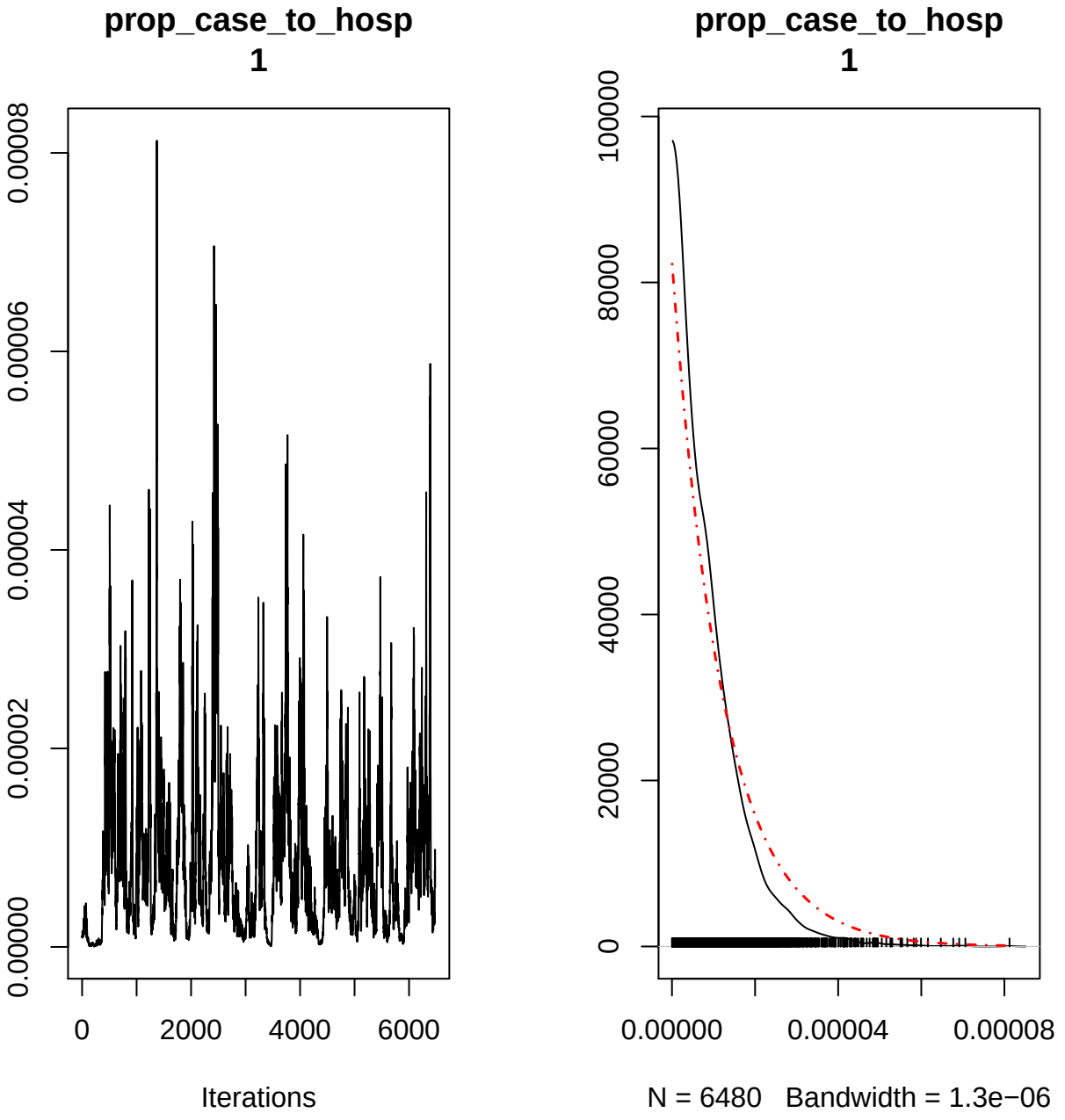

contact_parameters
4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.5
0.5
1.5
N = 6480 Bandwidth = 0.0623

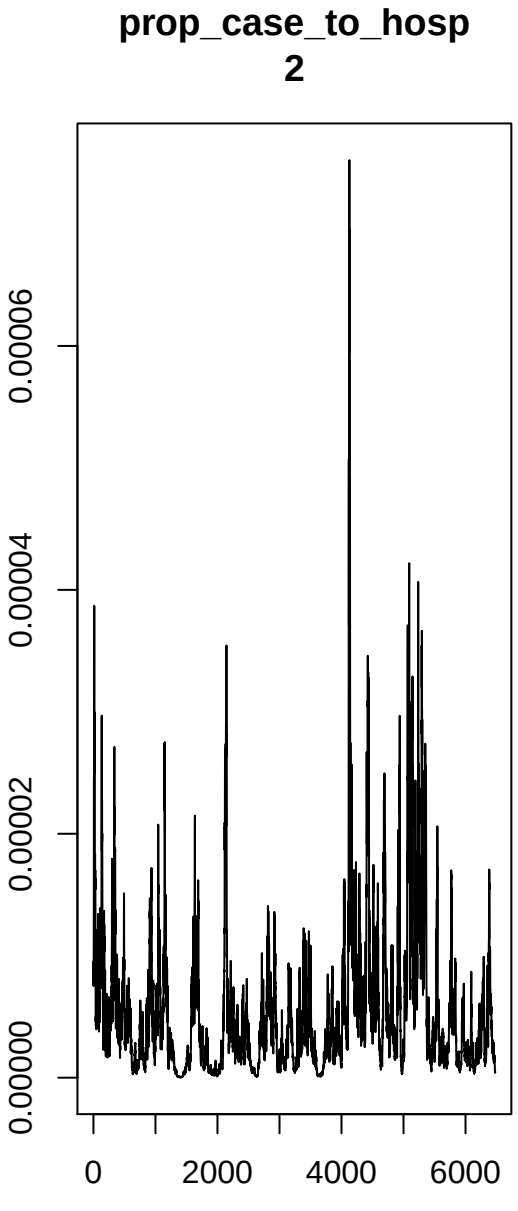

exponential_growth_rate
1
0.07
0.08
0.09
0.10
0.11
0.12
0
2000
4000
6000
Iterations

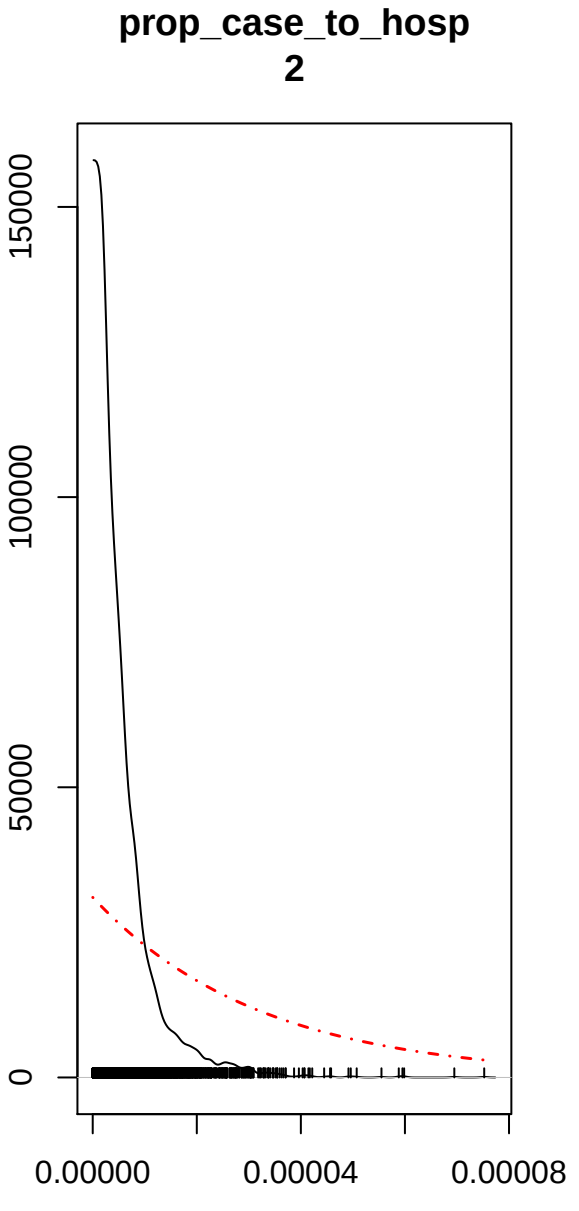

exponential_growth_rate
1
0
5
10
15
20
25
30
35
0.06
0.08
0.10
0.12
N = 6480 Bandwidth = 0.002

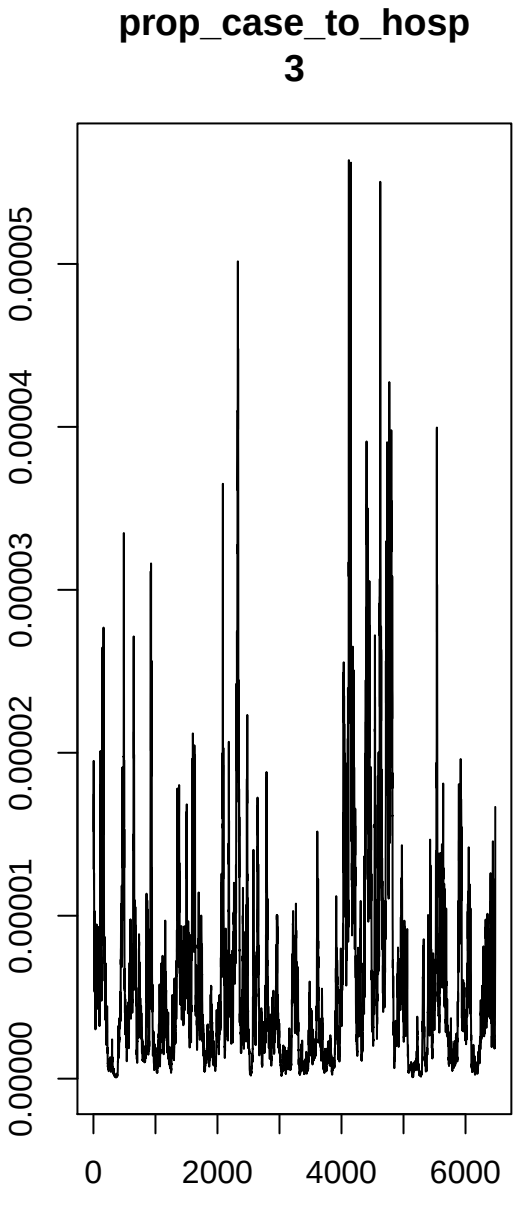

log_p_lambda_0
1
−19
−20
−21
−22
−23
0
2000
4000
6000
Iterations

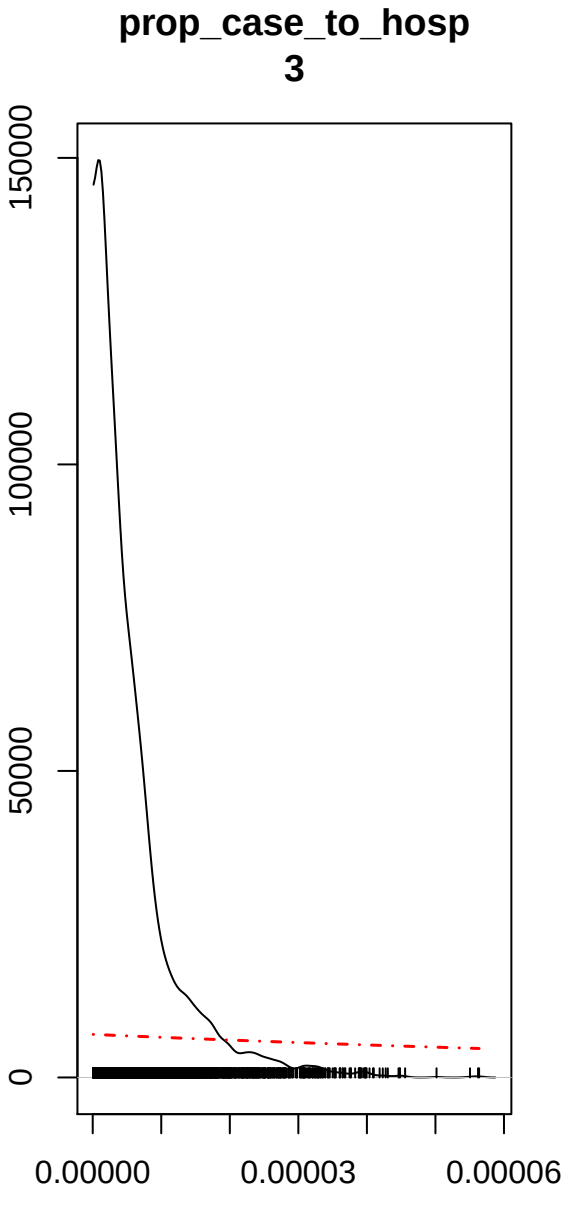

log_p_lambda_0
1
0.0
0.1
0.2
0.3
0.4
−23
−21
−19
N = 6480 Bandwidth = 0.1454

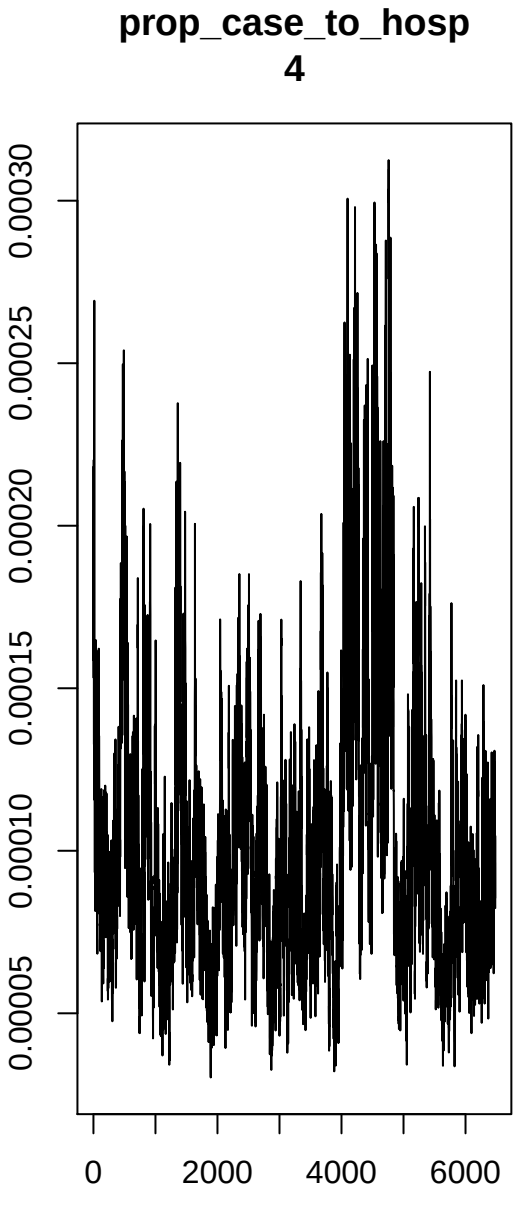

prop_case_to_hosp
1
0.00000
0.00002
0.00004
0.00006
0.00008
0
2000
4000
6000
Iterations
prop_case_to_hosp
1
0
20000
40000
60000
80000
100000
0.00000
0.00004
0.00008
N = 6480 Bandwidth = 1.3e−06

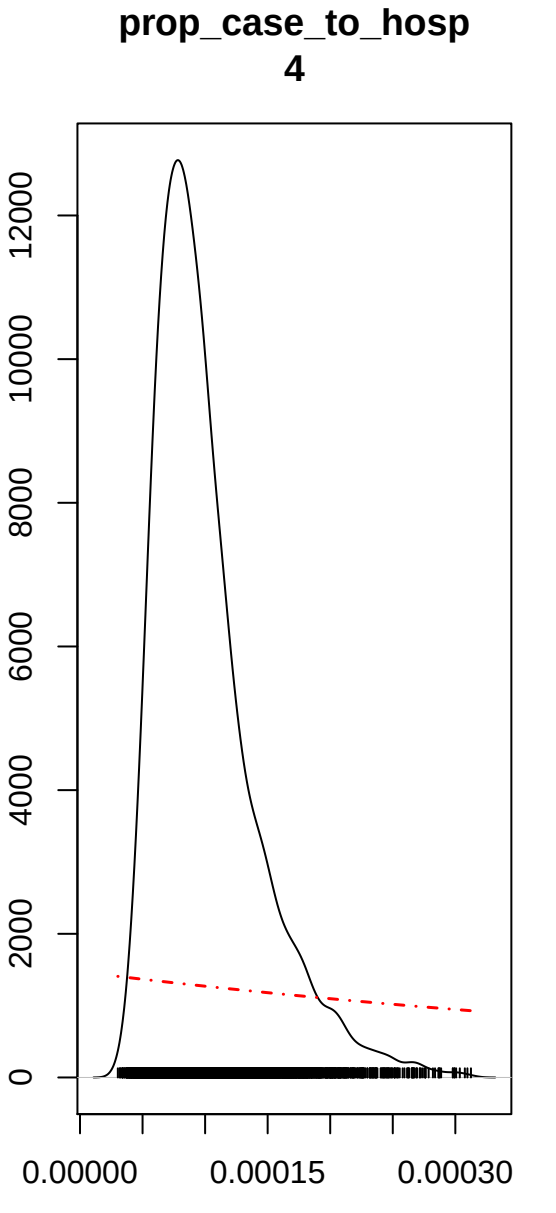

prop_case_to_hosp
2
0.00000
0.00002
0.00004
0.00006
0
2000
4000
6000
Iterations

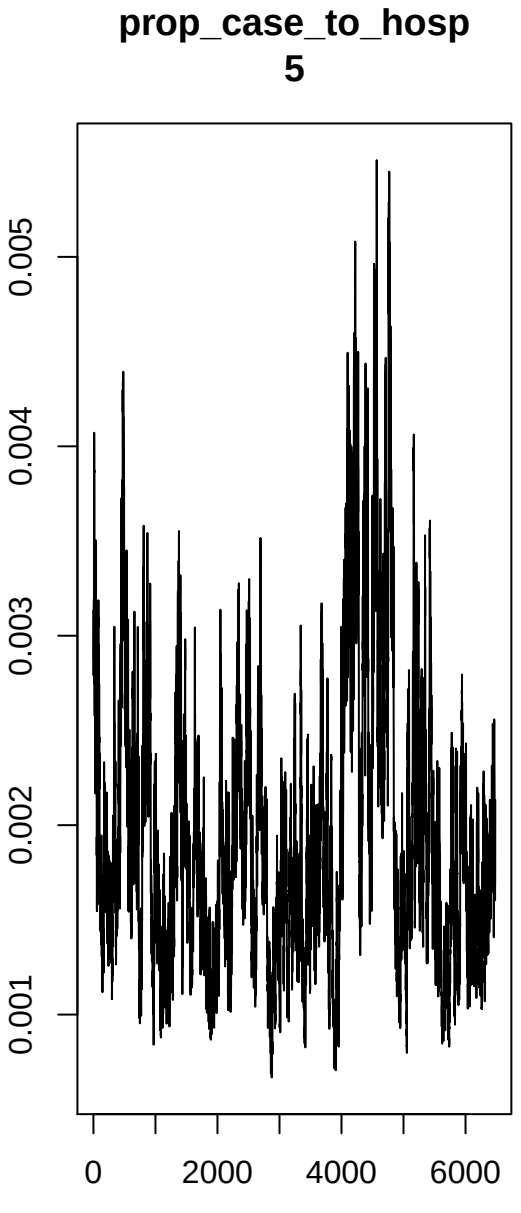

prop_case_to_hosp
2
0
50000
100000
150000
0.00000
0.00004
0.00008
N = 6480 Bandwidth = 7.095e−07

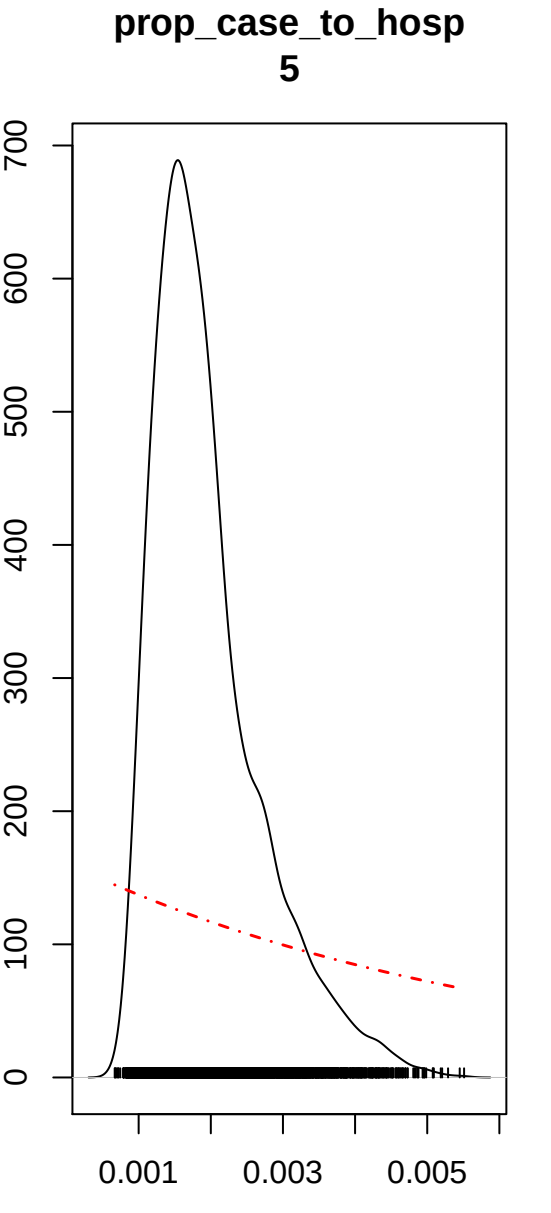

prop_case_to_hosp
3
0.00000
0.00001
0.00002
0.00003
0.00004
0.00005
0
2000
4000
6000
Iterations

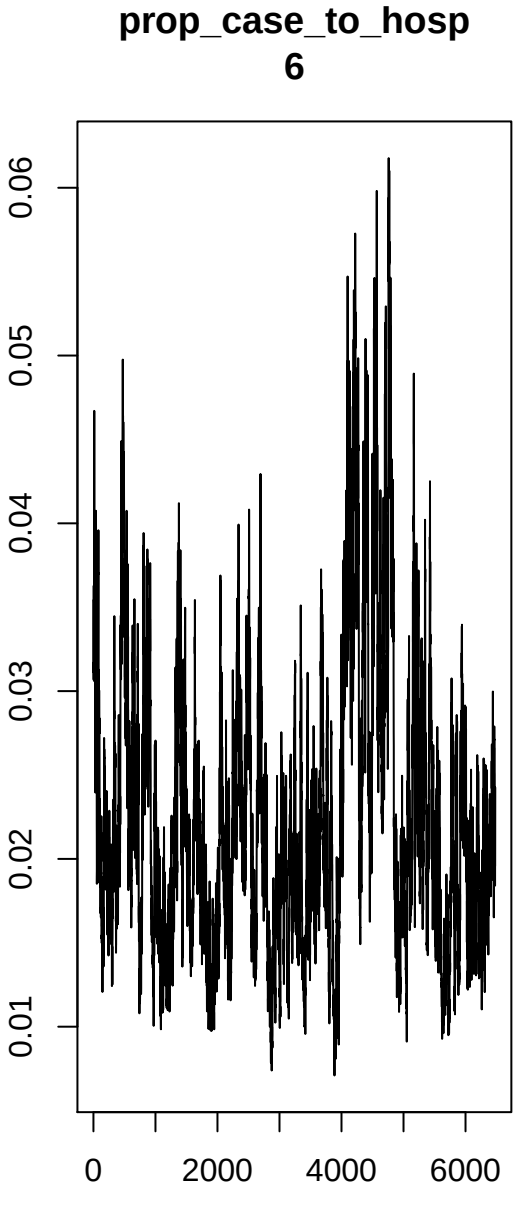

prop_case_to_hosp
3
0
50000
100000
150000
0.00000
0.00003
0.00006
N = 6480 Bandwidth = 7.872e−07

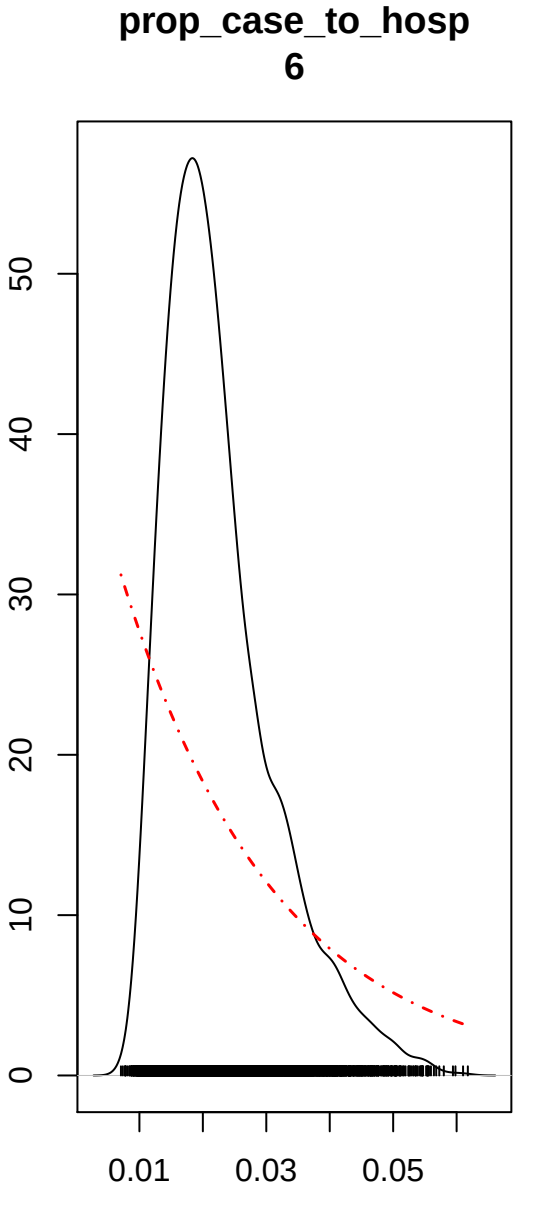

prop_case_to_hosp
4
0.00005
0.00010
0.00015
0.00020
0.00025
0.00030
0
2000
4000
6000
Iterations

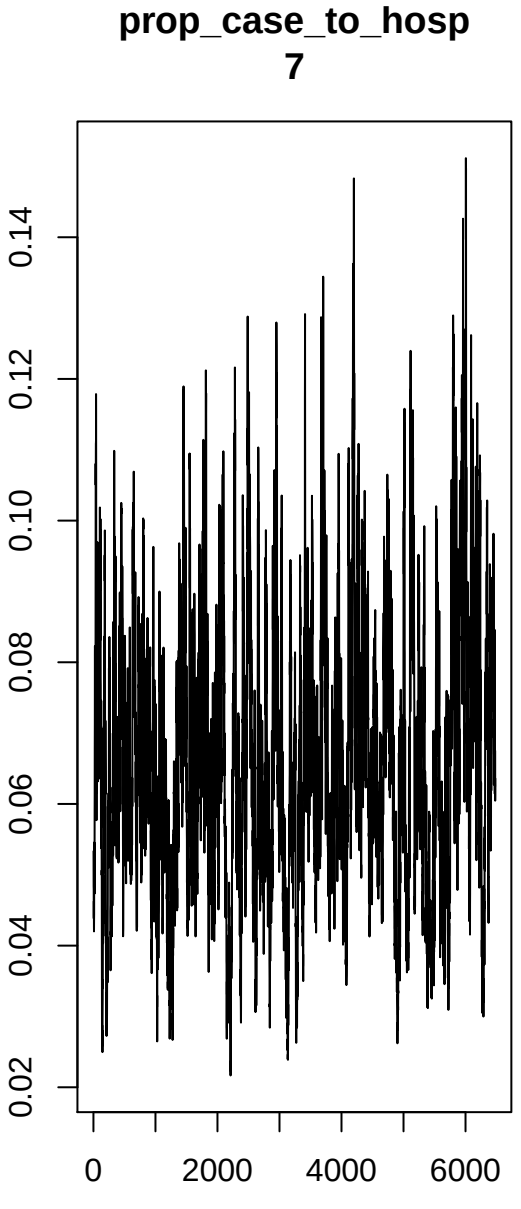

prop_case_to_hosp
4
0
2000
4000
6000
8000
10000
12000
0.00000
0.00015
0.00030
N = 6480 Bandwidth = 6.485e−06

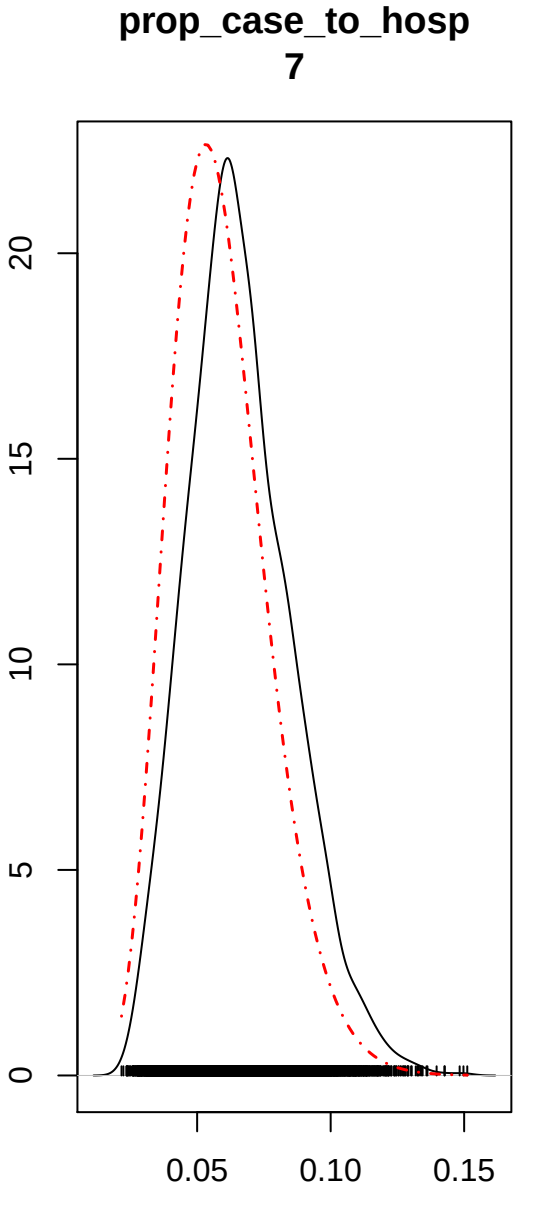

prop_case_to_hosp
5
0.001
0.002
0.003
0.004
0.005
0
2000
4000
6000
Iterations

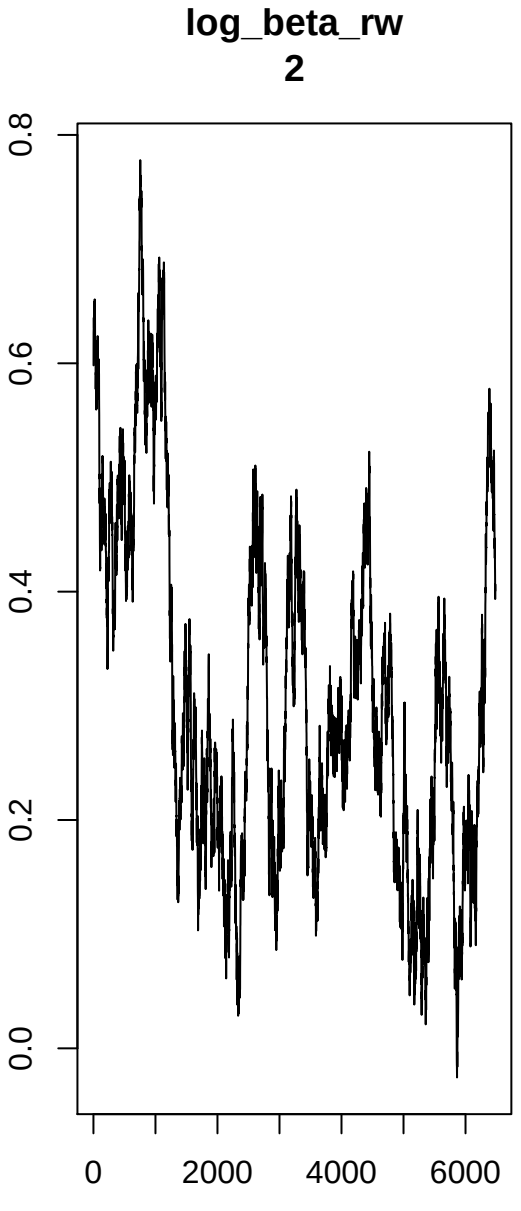

prop_case_to_hosp
5
0
100
200
300
400
500
600
700
0.001
0.003
0.005
N = 6480 Bandwidth = 0.0001211

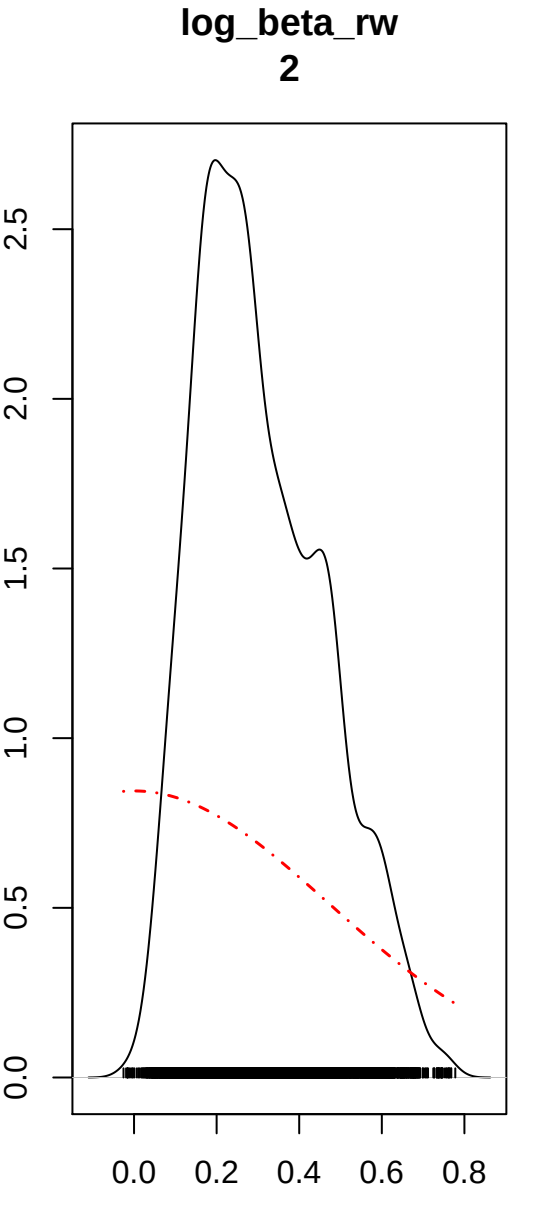

prop_case_to_hosp
6
0.01
0.02
0.03
0.04
0.05
0.06
0
2000
4000
6000
Iterations

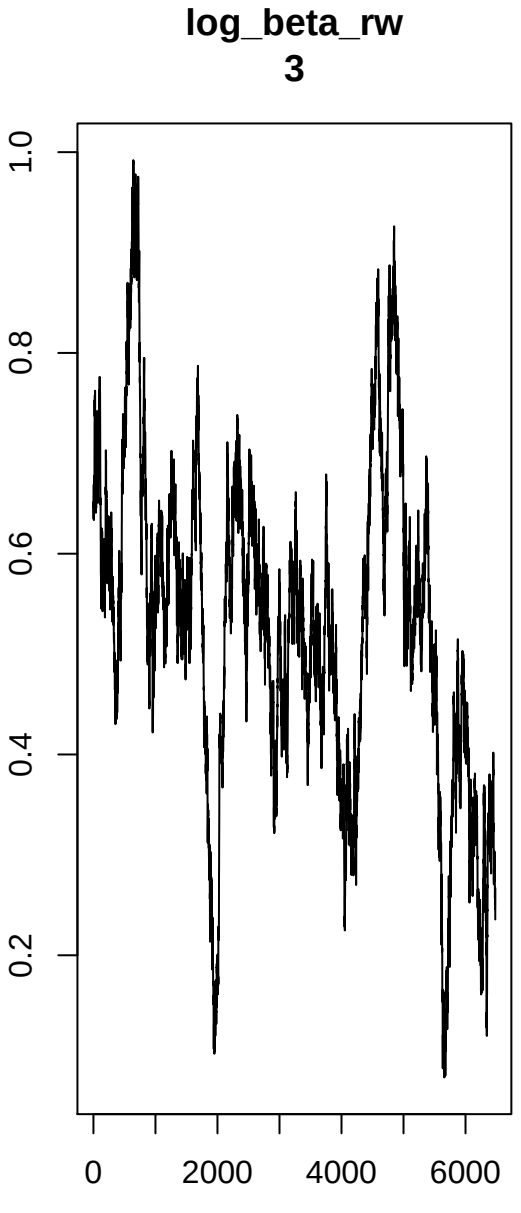

prop_case_to_hosp
6
0
10
20
30
40
50
0.01
0.03
0.05
N = 6480 Bandwidth = 0.001443

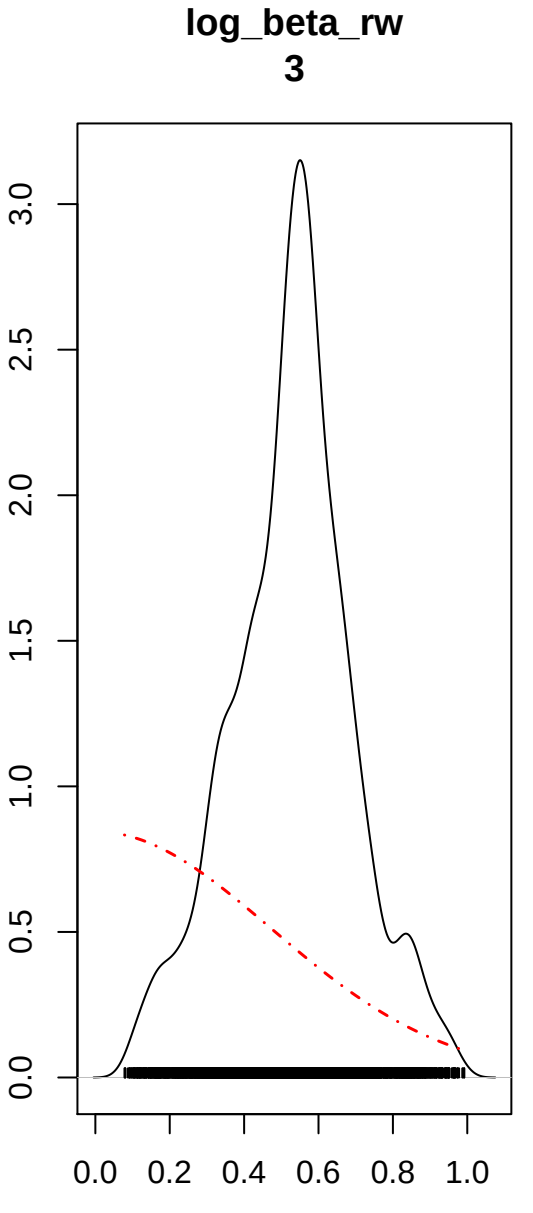

prop_case_to_hosp
7
0.02
0.04
0.06
0.08
0.10
0.12
0.14
0
2000
4000
6000
Iterations

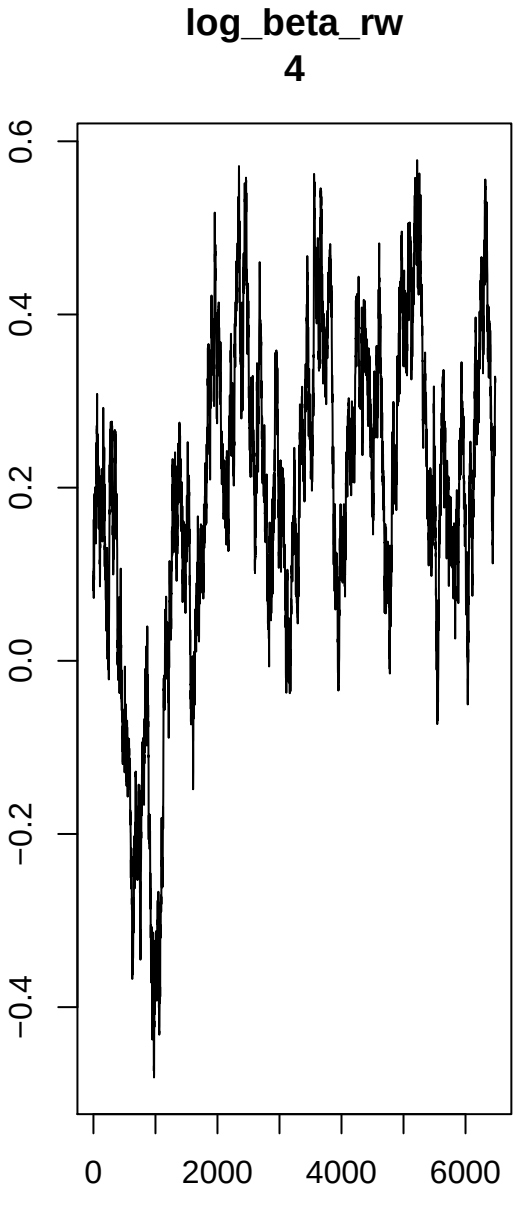

prop_case_to_hosp
7
0
5
10
15
20
0.05
0.10
0.15
N = 6480 Bandwidth = 0.003496

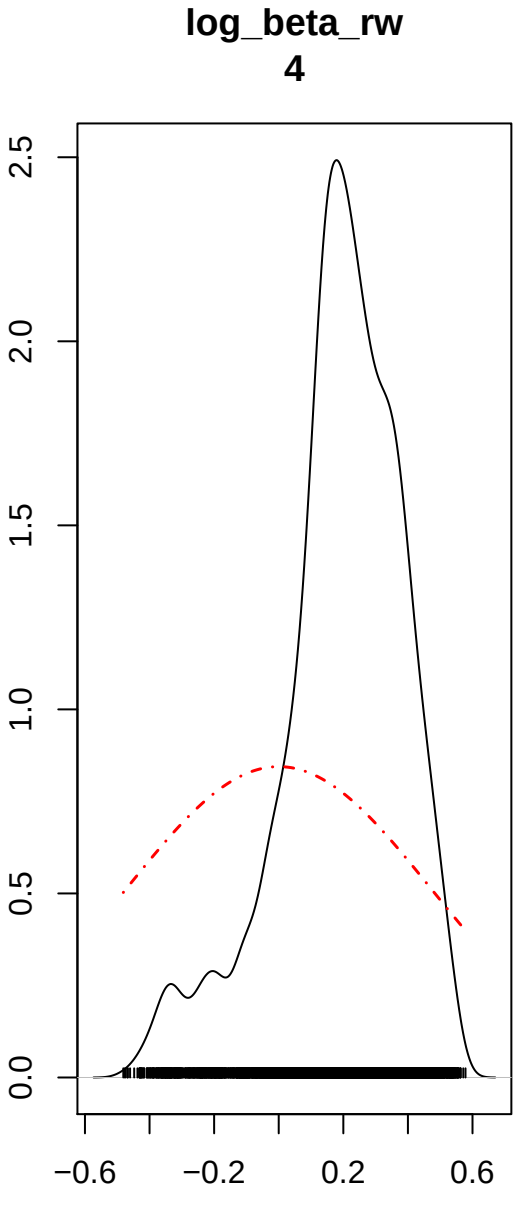

log_beta_rw
2
0.0
0.2
0.4
0.6
0.8
0
2000
4000
6000
Iterations

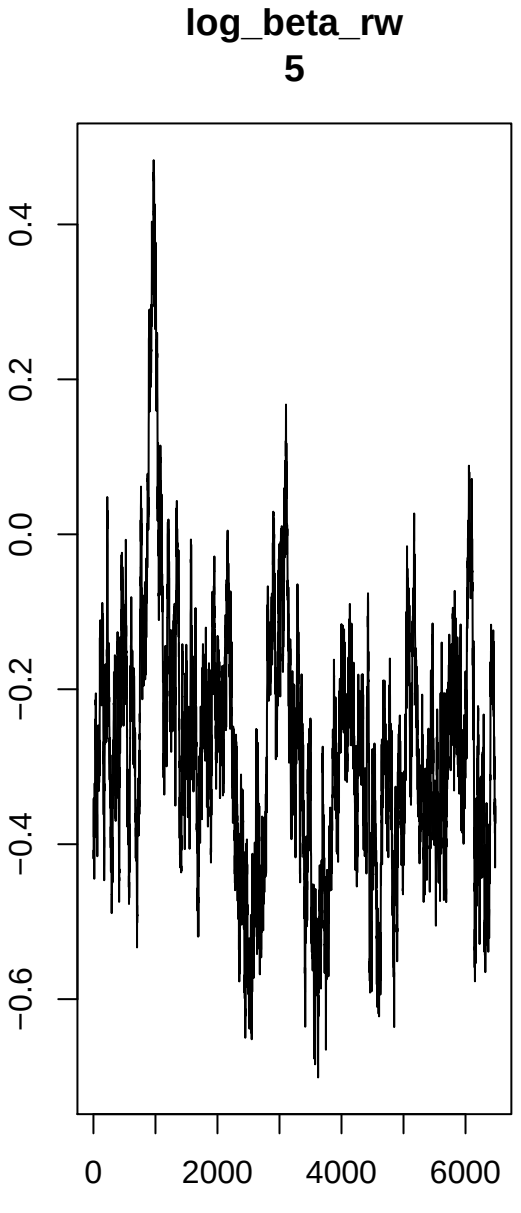

log_beta_rw
2
0.0
0.5
1.0
1.5
2.0
2.5
0.0
0.2
0.4
0.6
0.8
N = 6480 Bandwidth = 0.02824

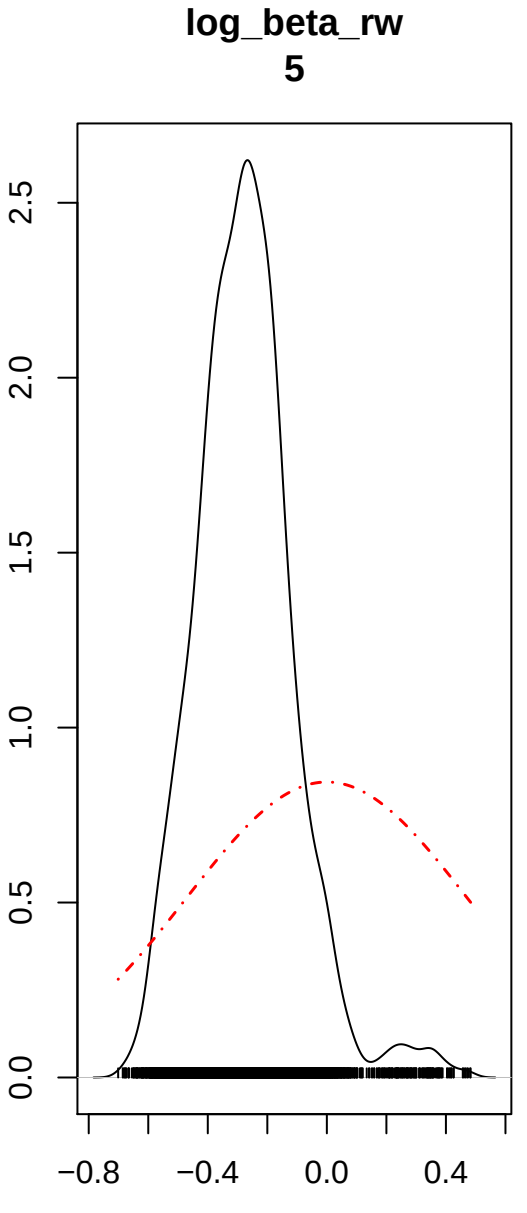

log_beta_rw
3
1.0
0.8
0.6
0.4
0.2
0
2000
4000
6000
Iterations

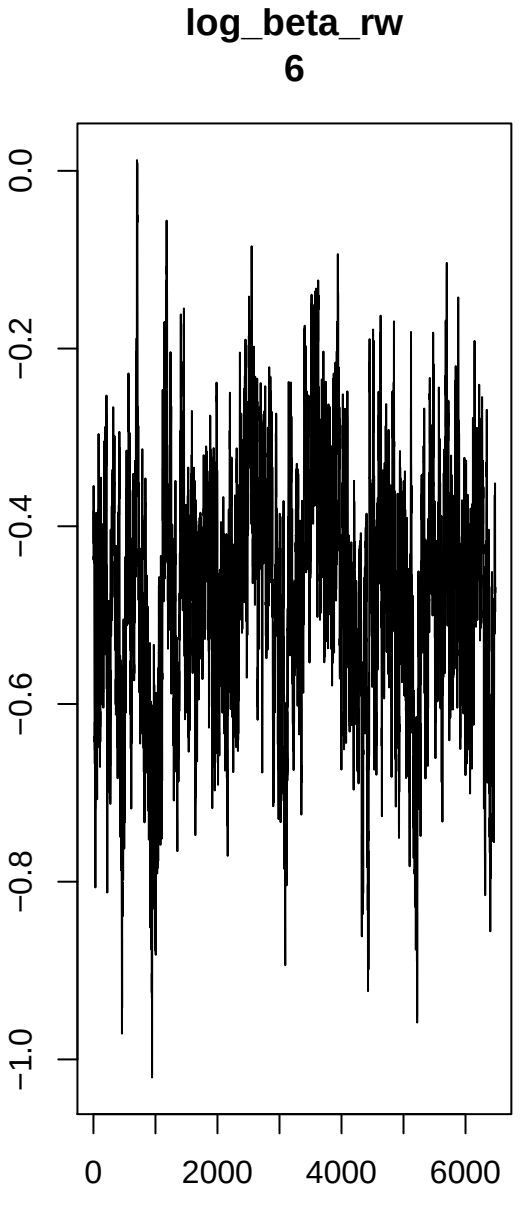

log_beta_rw
3
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0.0
0.2
0.4
0.6
0.8
1.0
N = 6480 Bandwidth = 0.02774

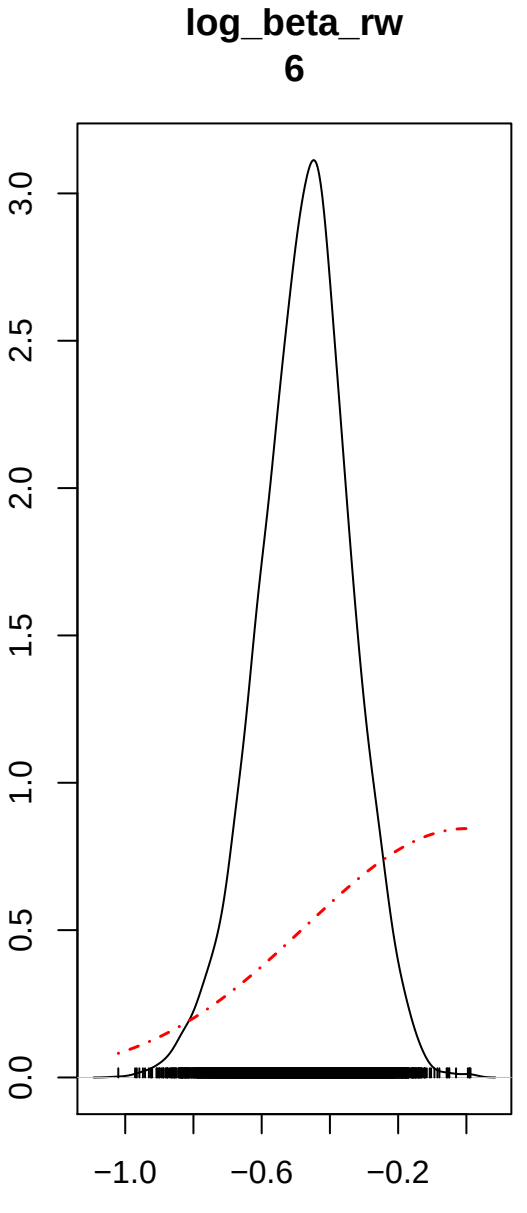

log_beta_rw
4
0.6
0.4
0.2
0.0
−0.2
−0.4
0
2000
4000
6000
Iterations

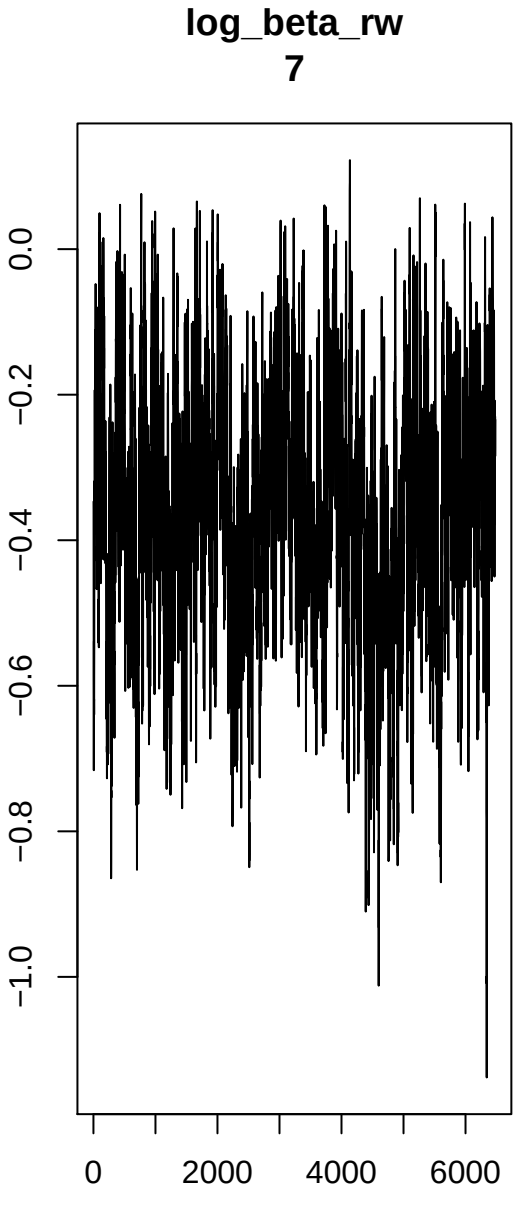

log_beta_rw
4
2.5
2.0
1.5
1.0
0.5
0.0
−0.6
−0.2
0.2
0.6
N = 6480 Bandwidth = 0.03077

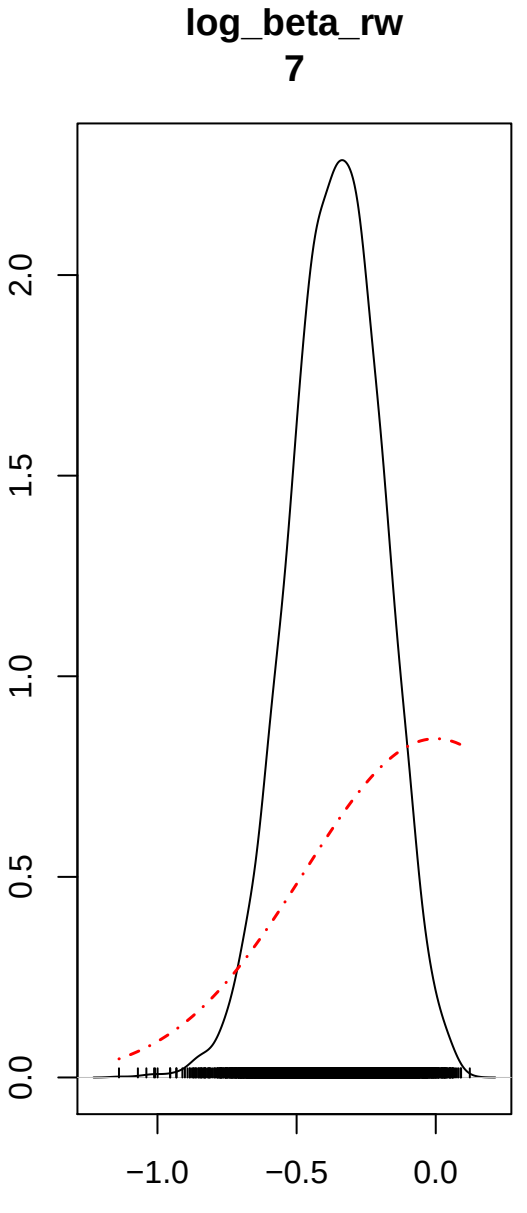

log_beta_rw
5
0.4
0.2
0.0
−0.2
−0.4
−0.6
0
2000
4000
6000
Iterations

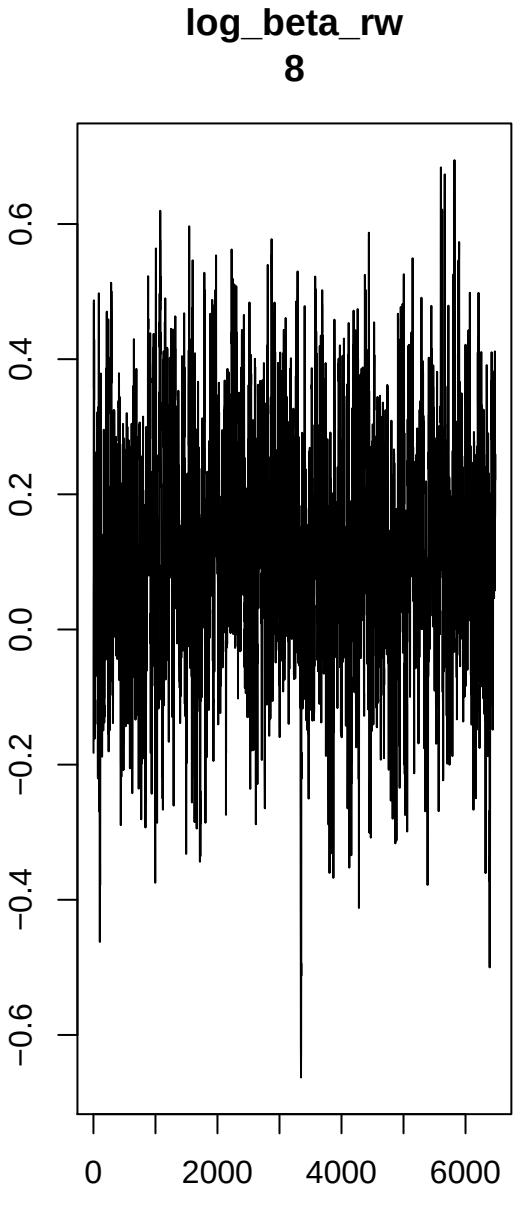

log_beta_rw
5
2.5
2.0
1.5
1.0
0.5
0.0
−0.8
−0.4
0.0
0.4
N = 6480 Bandwidth = 0.02762

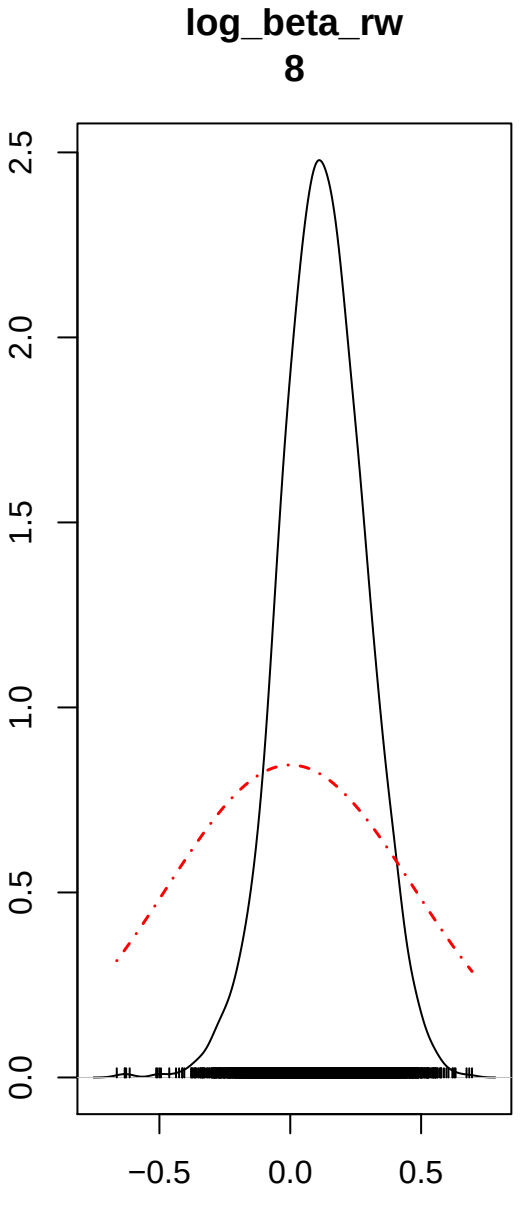

log_beta_rw
6
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
0
2000
4000
6000
Iterations

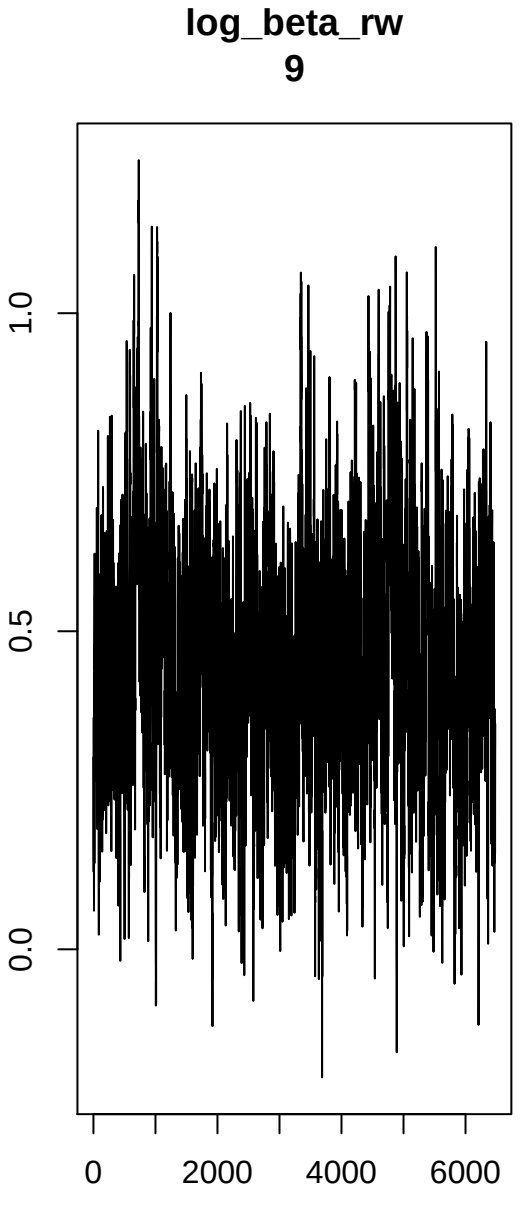

log_beta_rw
6
0.0
0.5
1.0
1.5
2.0
2.5
3.0
−1.0
−0.6
−0.2
N = 6480 Bandwidth = 0.0242

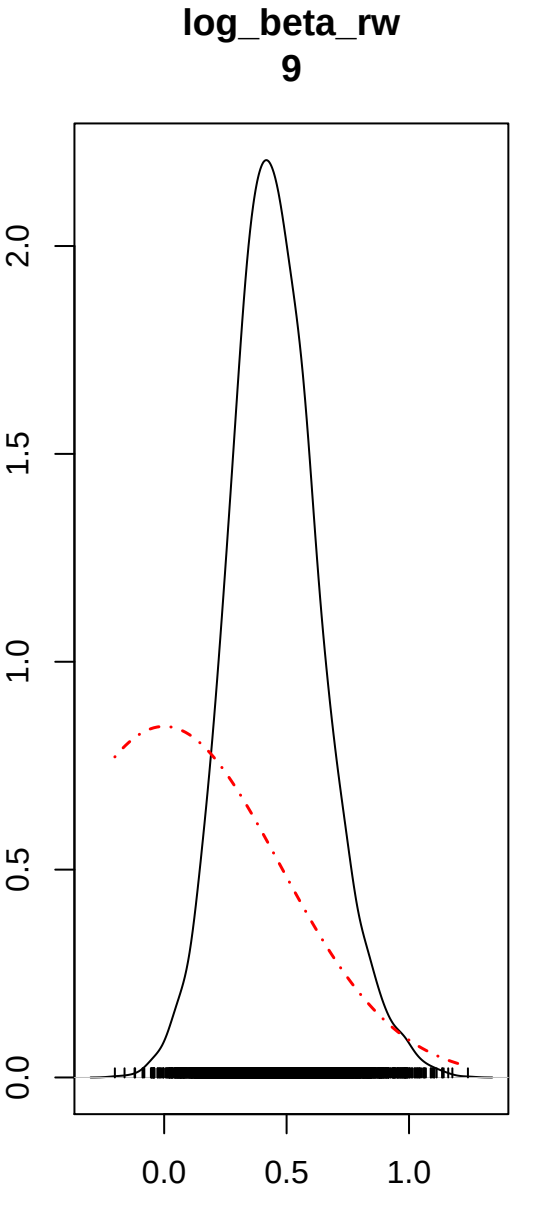

log_beta_rw
7
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
0
2000
4000
6000
Iterations

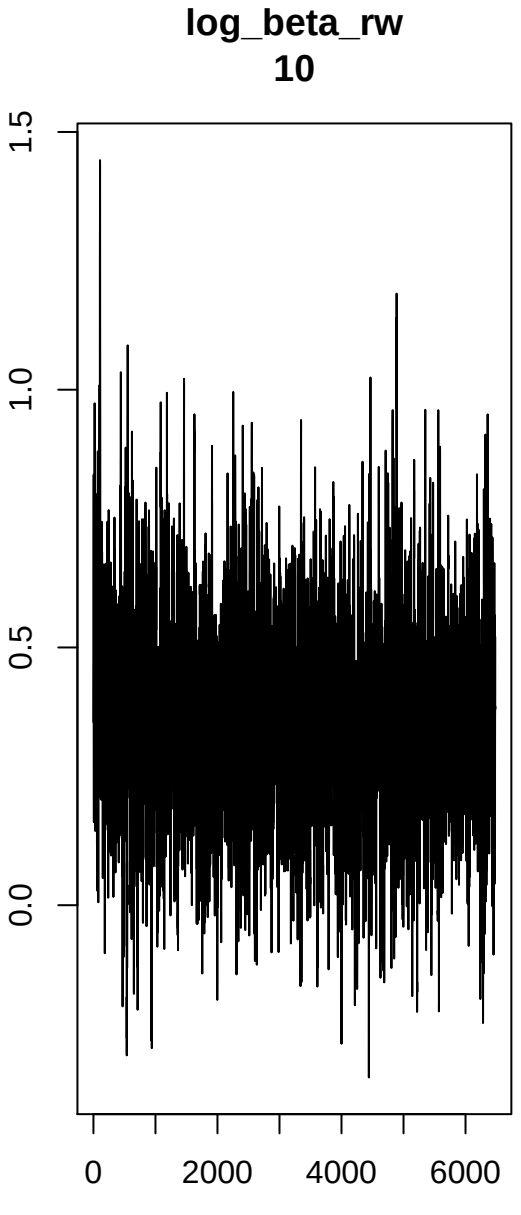

log_beta_rw
7
2.0
1.5
1.0
0.5
0.0
−1.0
−0.5
0.0
N = 6480 Bandwidth = 0.03051

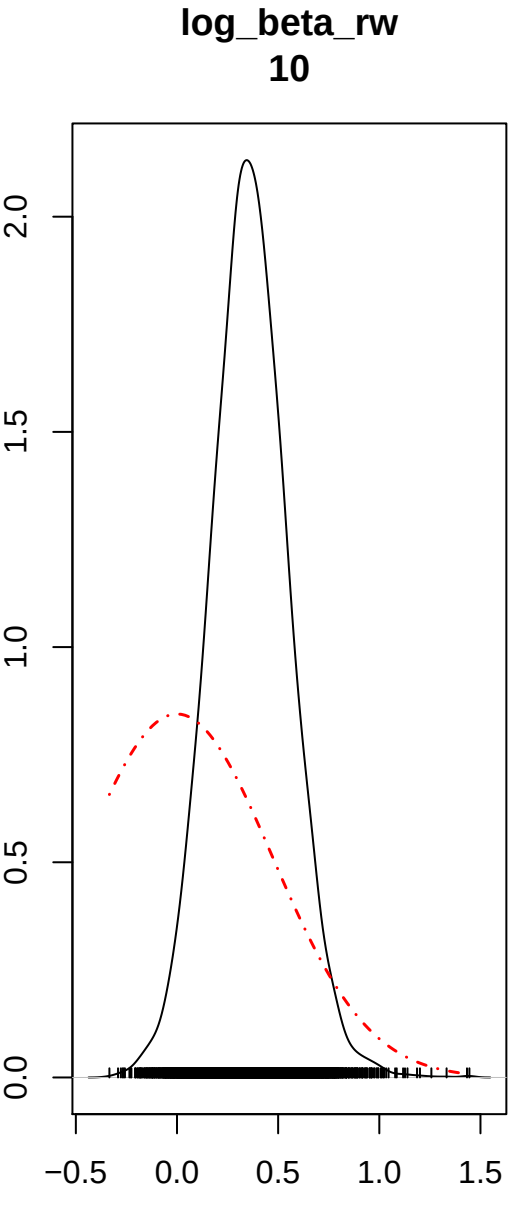

log_beta_rw
8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
0
2000
4000
6000
Iterations

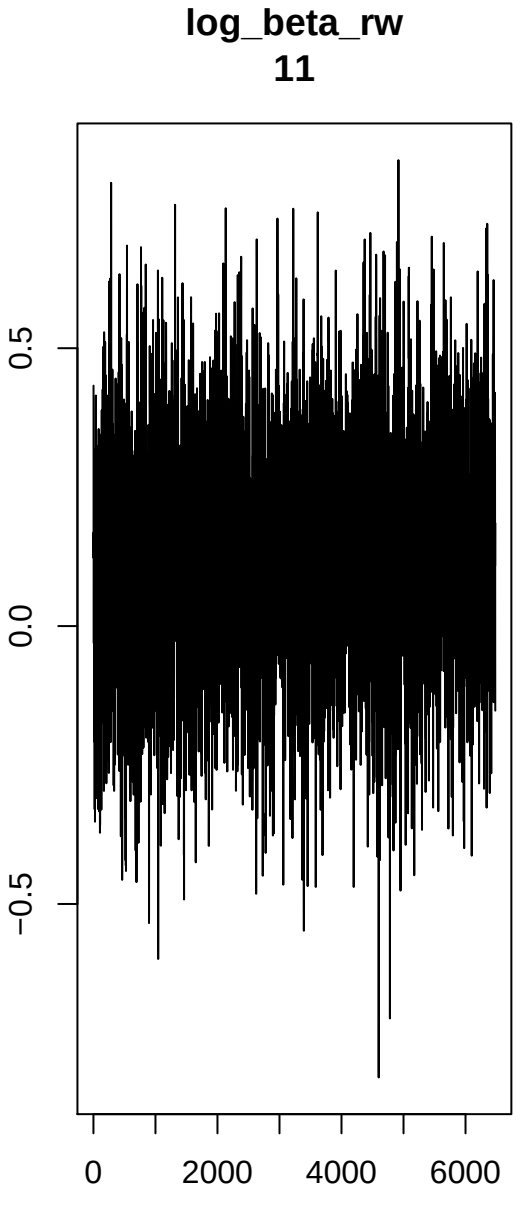

log_beta_rw
8
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
0.0
0.5
N = 6480 Bandwidth = 0.02961

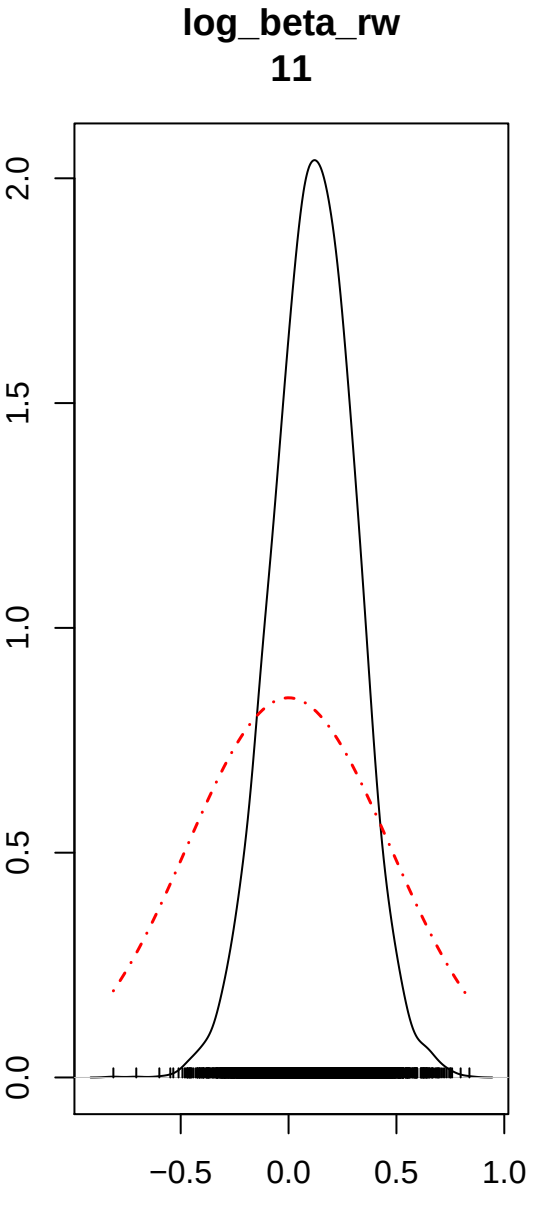

log_beta_rw
9
1.0
0.5
0.0
0
2000
4000
6000
Iterations

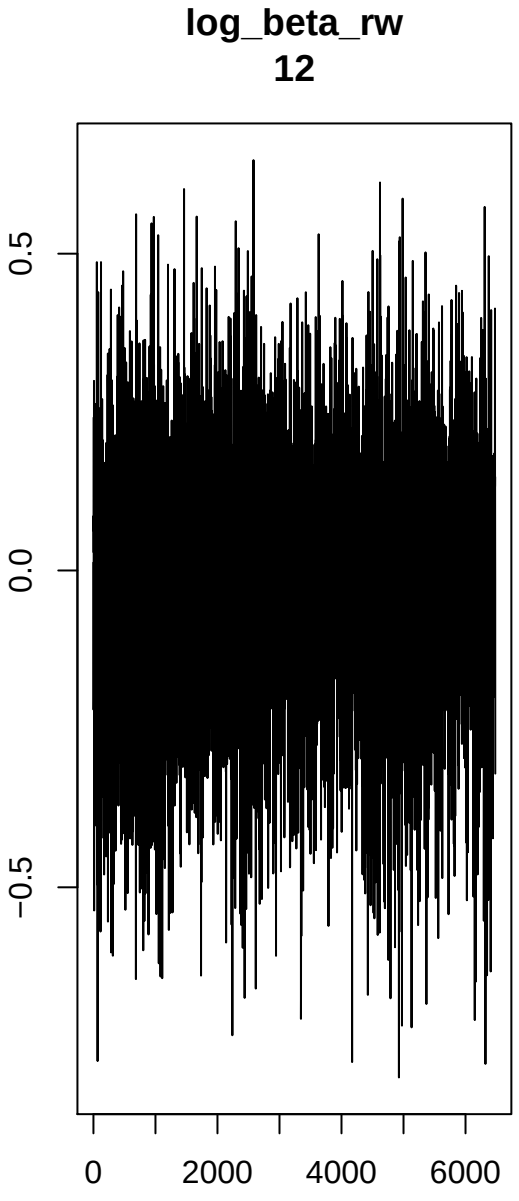

log_beta_rw
9
2.0
1.5
1.0
0.5
0.0
0.0
0.5
1.0
N = 6480 Bandwidth = 0.03314

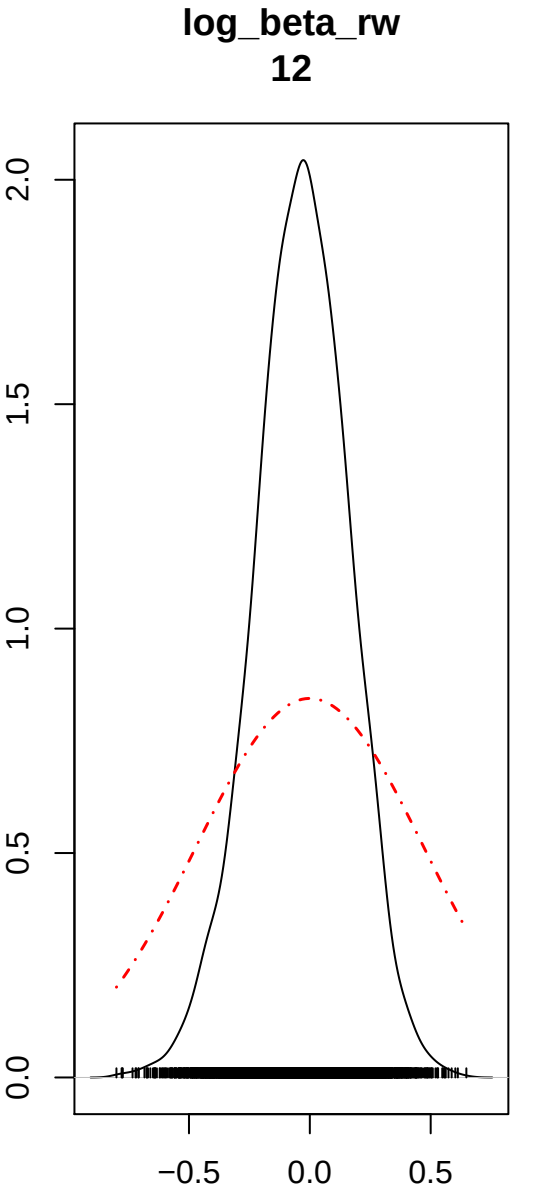

log_beta_rw
10
1.5
1.0
0.5
0.0
0
2000
4000
6000
Iterations

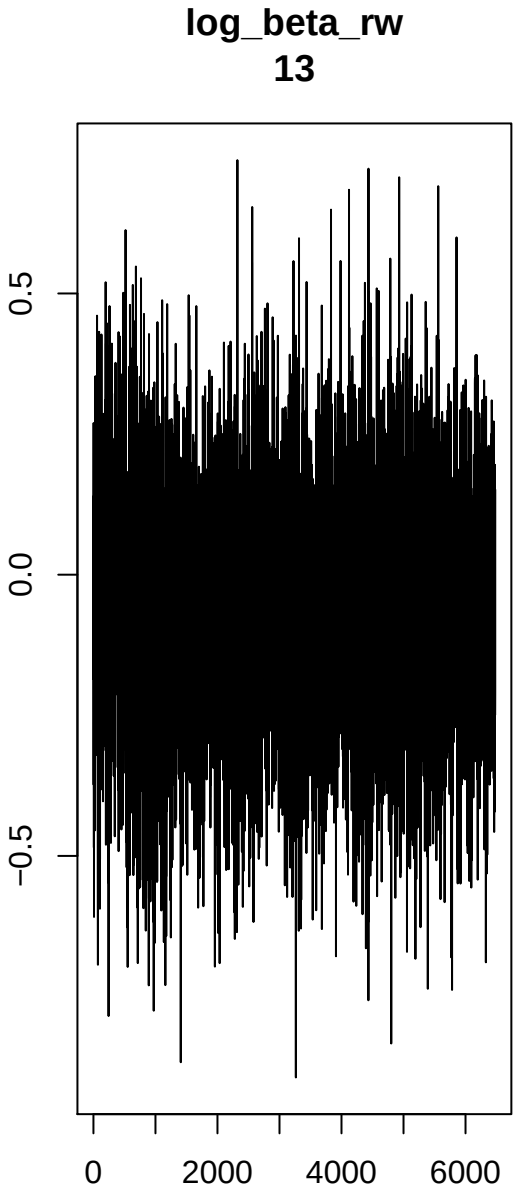

log_beta_rw
10
2.0
1.5
1.0
0.5
0.0
−0.5
0.0
0.5
1.0
1.5
N = 6480 Bandwidth = 0.0344

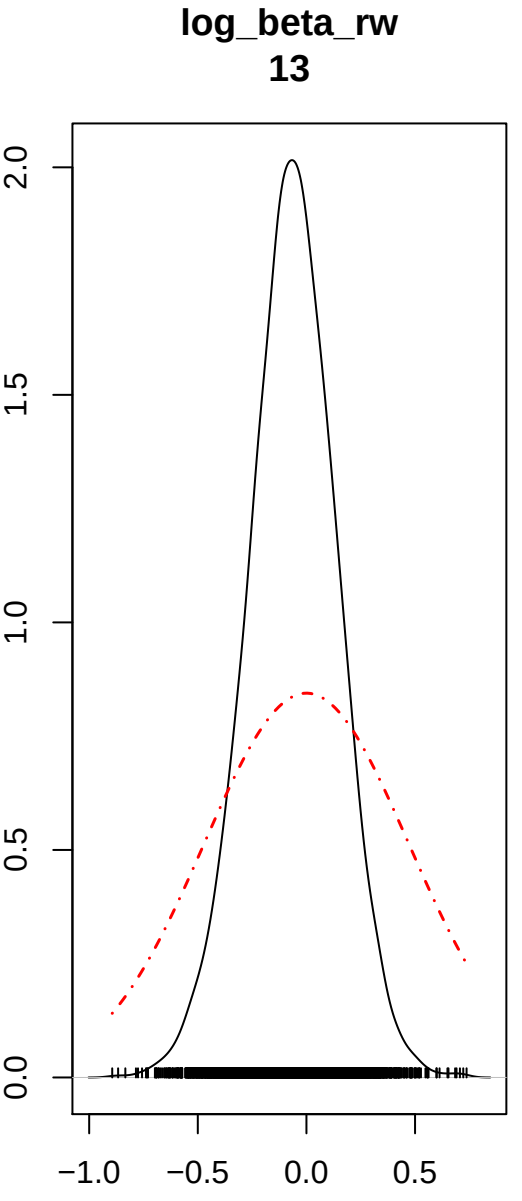

log_beta_rw
11
0.5
0.0
−0.5
0
2000
4000
6000
Iterations

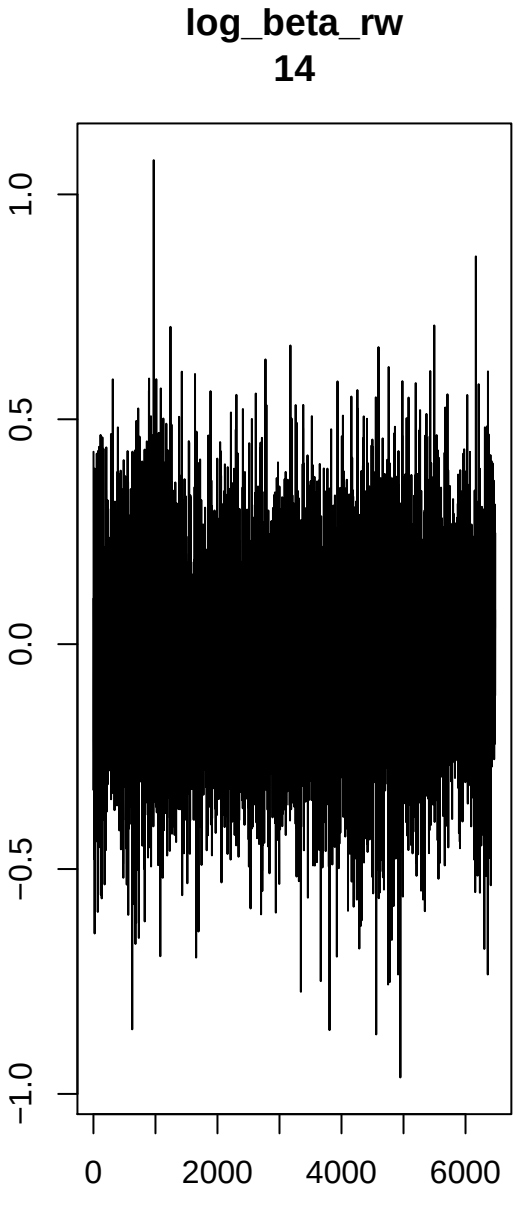

log_beta_rw
11
2.0
1.5
1.0
0.5
0.0
−0.5
0.0
0.5
1.0
N = 6480 Bandwidth = 0.03532

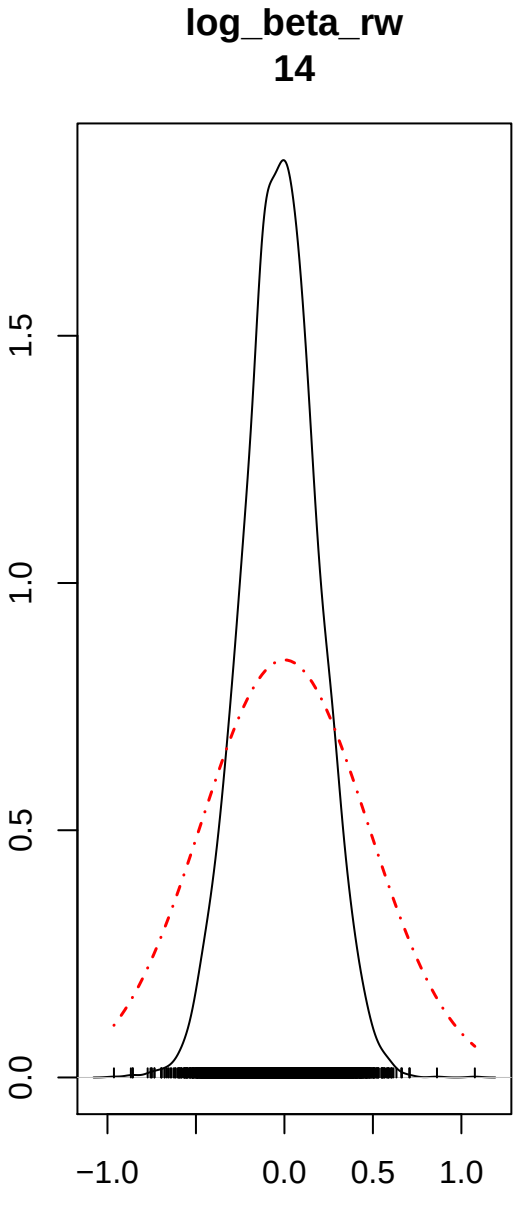

log_beta_rw
12
0.5
0.0
−0.5
0
2000
4000
6000
Iterations

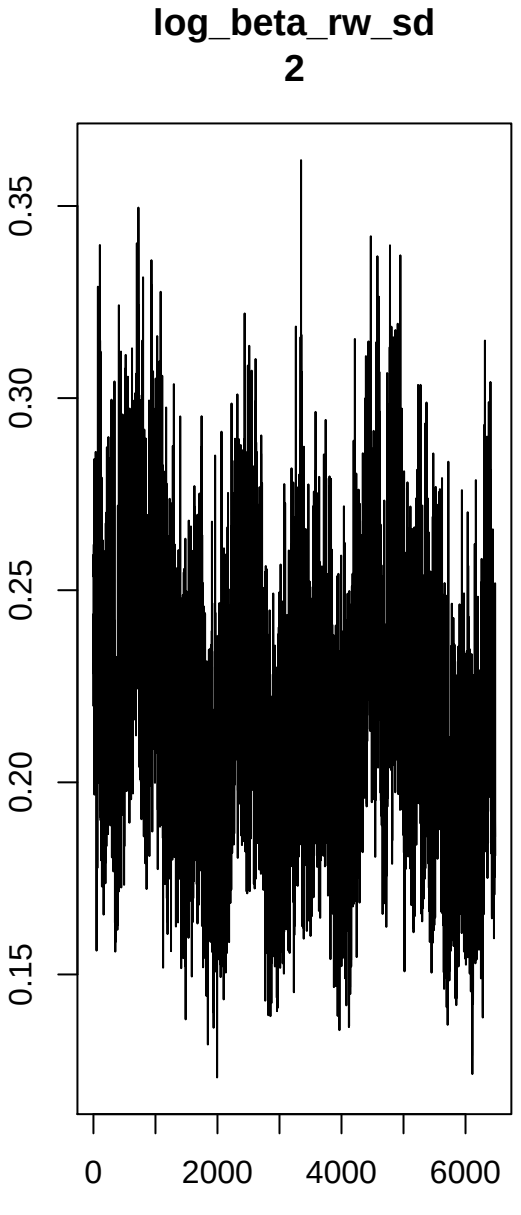

log_beta_rw
12
2.0
1.5
1.0
0.5
0.0
−0.5
0.0
0.5
N = 6480 Bandwidth = 0.03576

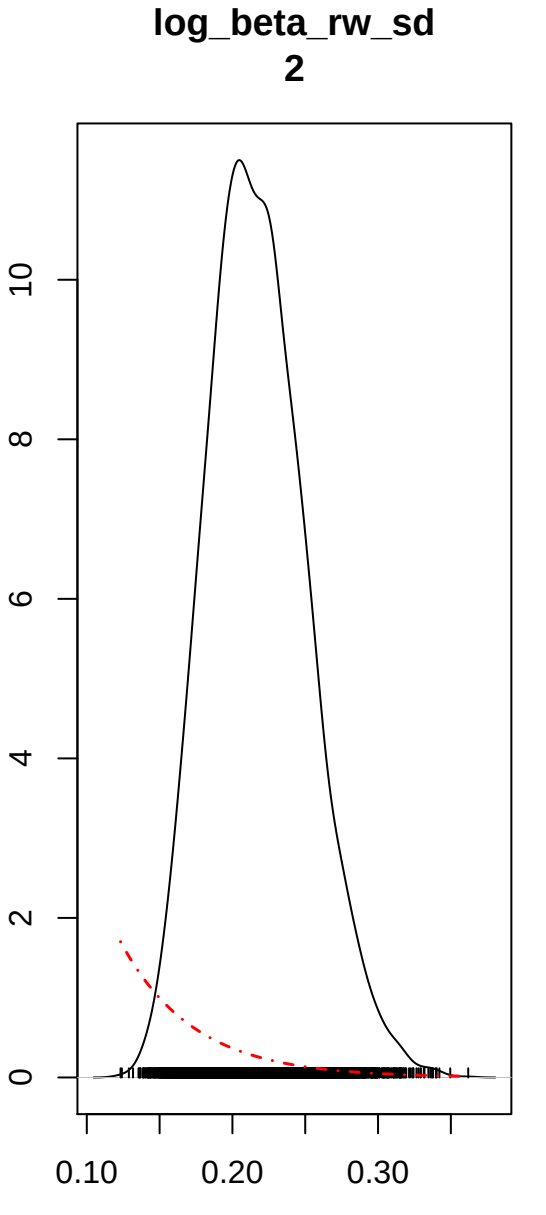

log_beta_rw
13
0.5
0.0
−0.5
0
2000
4000
6000
Iterations

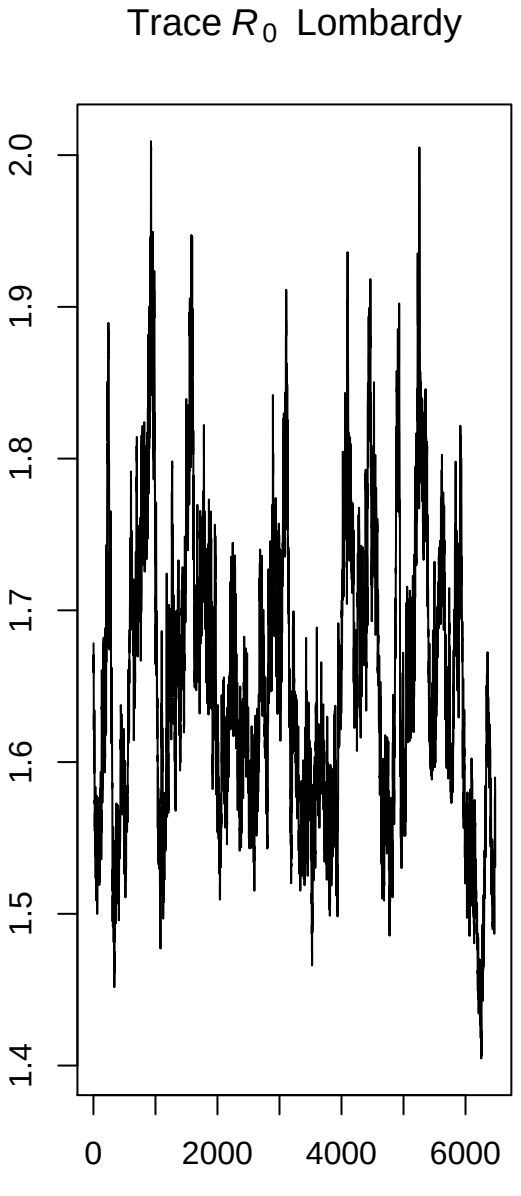

log_beta_rw
13
2.0
1.5
1.0
0.5
0.0
−1.0
−0.5
0.0
0.5
N = 6480 Bandwidth = 0.0364

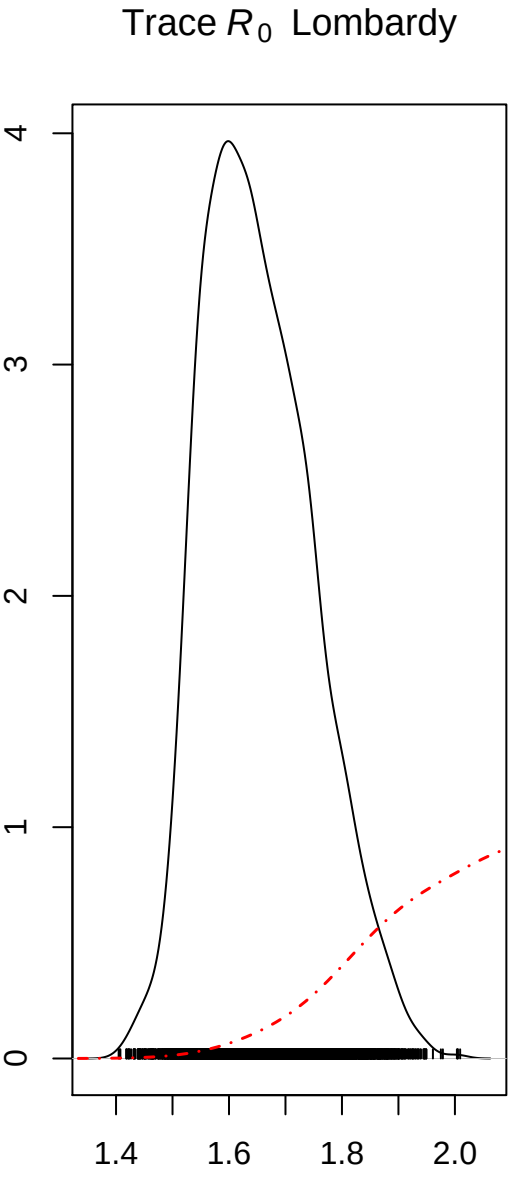

log_beta_rw
14
1.0
0.5
0.0
−0.5
−1.0
0
2000
4000
6000
Iterations

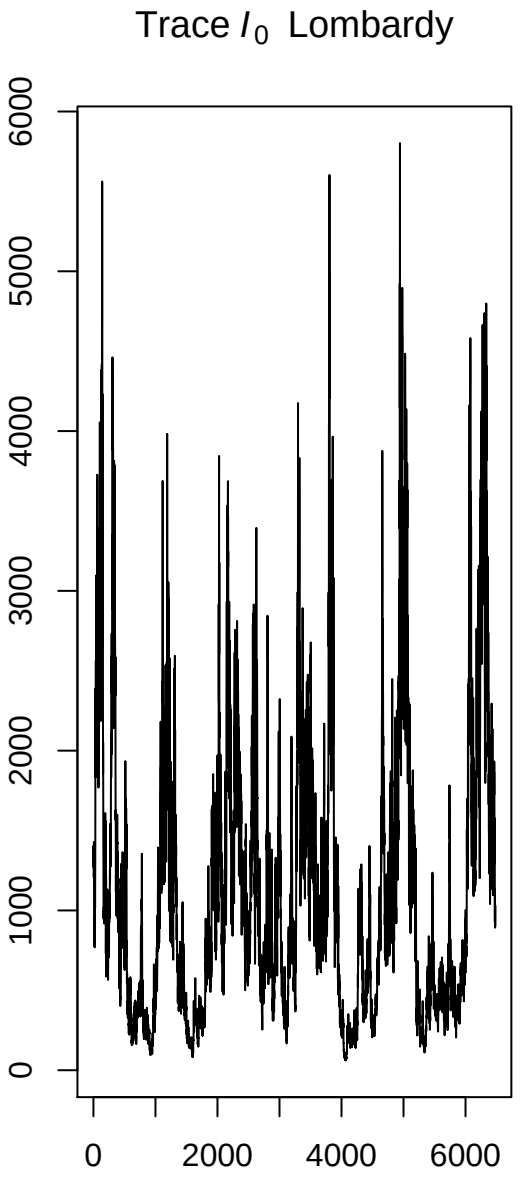

log_beta_rw
14
1.5
1.0
0.5
0.0
−1.0
0.0
0.5
1.0
N = 6480 Bandwidth = 0.03848

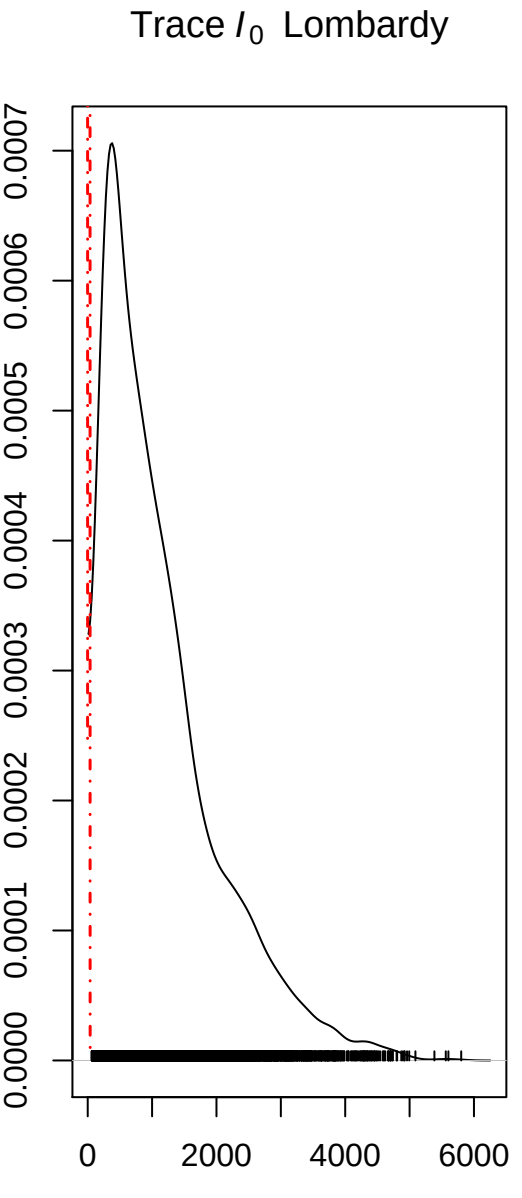

log_beta_rw_sd
2
0.35
0.30
0.25
0.20
0.15
0
2000
4000
6000
Iterations

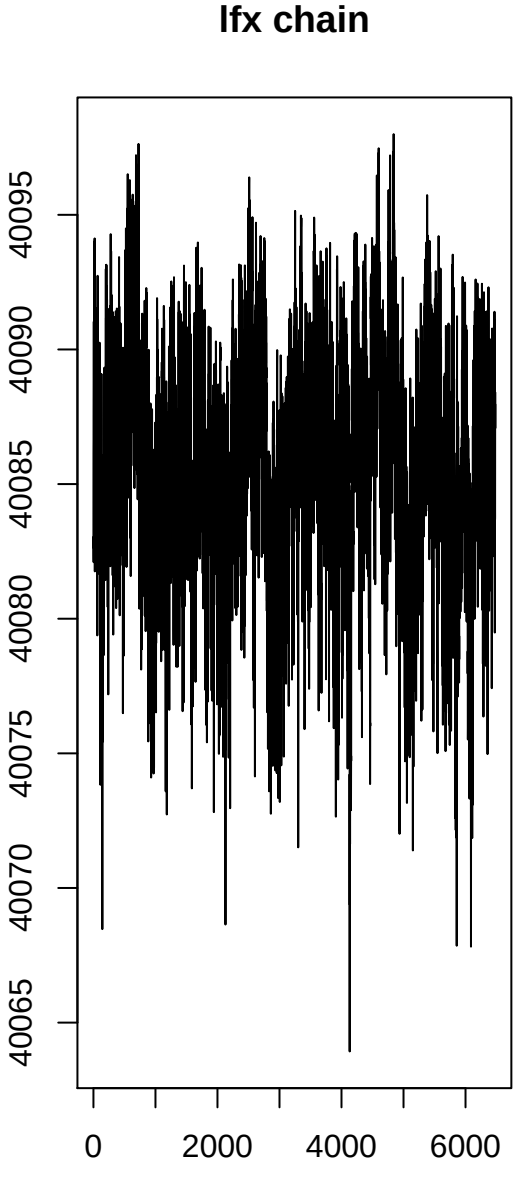

log_beta_rw_sd
2
10
8
6
4
2
0
0.10
0.20
0.30
N = 6480 Bandwidth = 0.006193

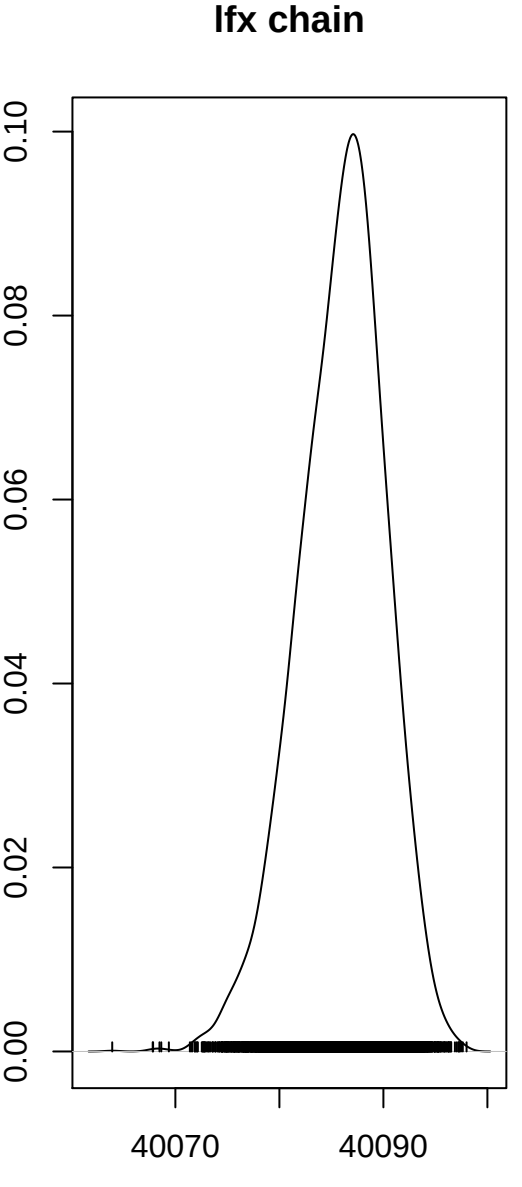

Trace R_0 Lombardy
2.0
1.9
1.8
1.7
1.6
1.5
1.4
0
2000
4000
6000
Iterations


Trace R_0 Lombardy
4
3
2
1
0
1.4
1.6
1.8
2.0
N = 6480 Bandwidth = 0.0178


Trace I_0 Lombardy
0
1000
2000
3000
4000
5000
6000
0
2000
4000
6000
Iterations


Trace I_0 Lombardy
0.0000
0.0001
0.0002
0.0003
0.0004
0.0005
0.0006
0.0007
0
2000
4000
6000
N = 6480 Bandwidth = 150.5


lfx chain
40095
40090
40085
40080
40075
40070
40065
0
2000
4000
6000
Iterations


lfx chain
0.10
0.08
0.06
0.04
0.02
0.00
40070
40090
N = 6480 Bandwidth = 0.7602