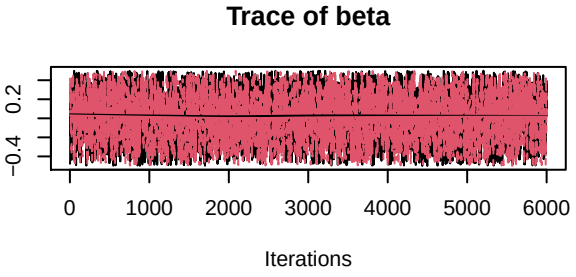
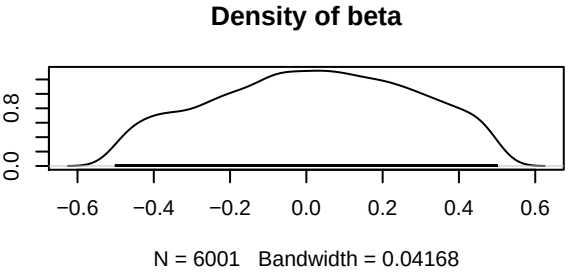
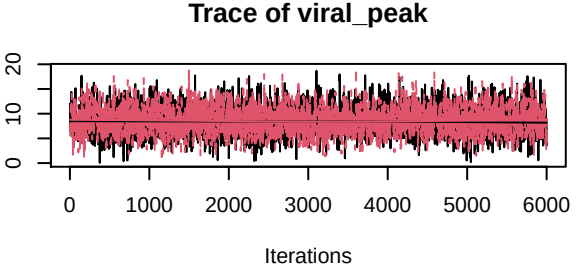
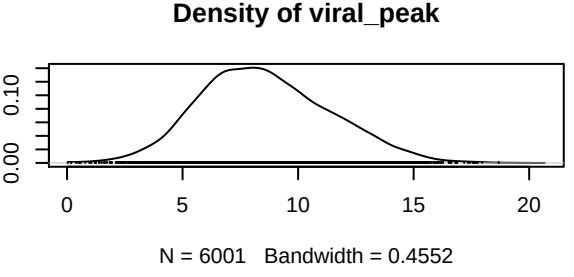
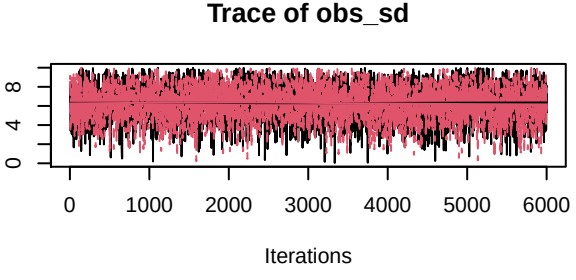
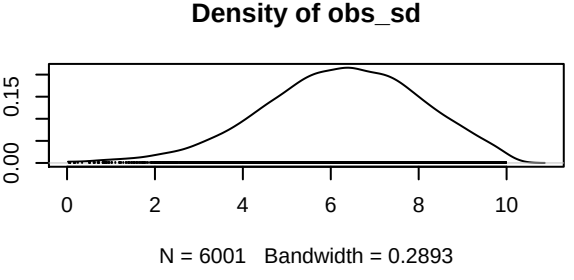

Trace of beta
−0.4
0.2
0
1000
2000
3000
4000
5000
6000
Iterations

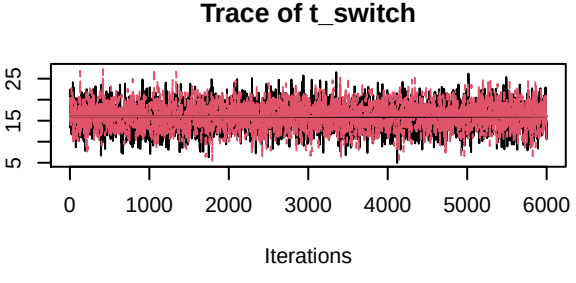

Density of beta
0.0
0.8
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
N = 6001 Bandwidth = 0.04168

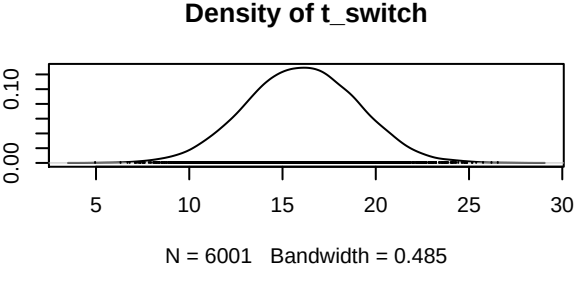

Trace of viral_peak
0
10
20
0
1000
2000
3000
4000
5000
6000
Iterations

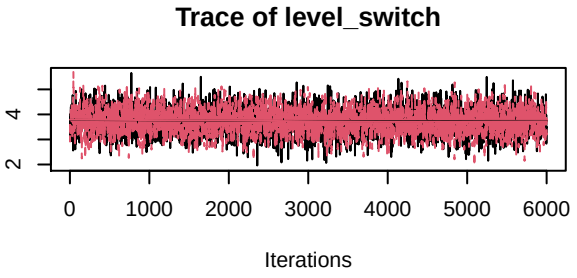

Density of viral_peak
0.00
0.10
0
5
10
15
20
N = 6001 Bandwidth = 0.4552

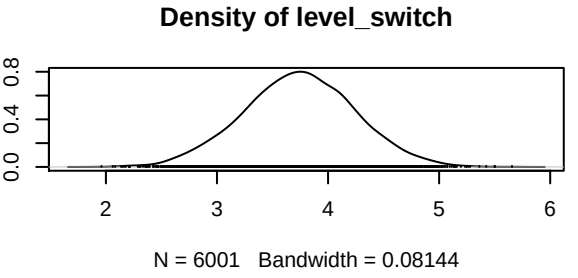

Trace of obs_sd
0
4
8
0
1000
2000
3000
4000
5000
6000
Iterations

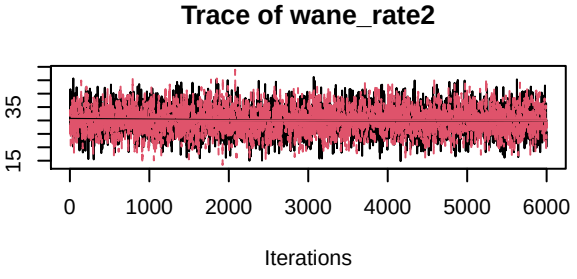

Density of obs_sd
0.00
0.15
0
2
4
6
8
10
N = 6001 Bandwidth = 0.2893

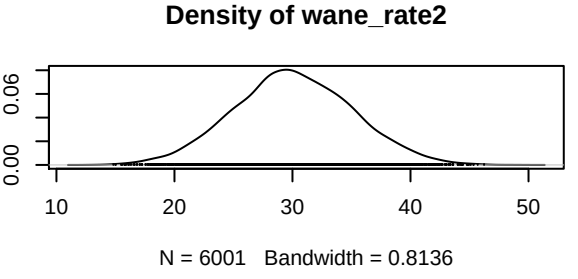

Trace of t_switch
5
15
25
0
1000
2000
3000
4000
5000
6000
Iterations

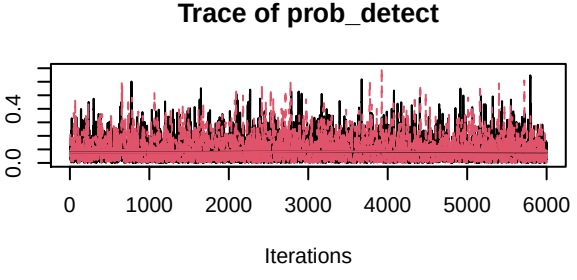

Density of t_switch
0.00
0.10
5
10
15
20
25
30
N = 6001 Bandwidth = 0.485

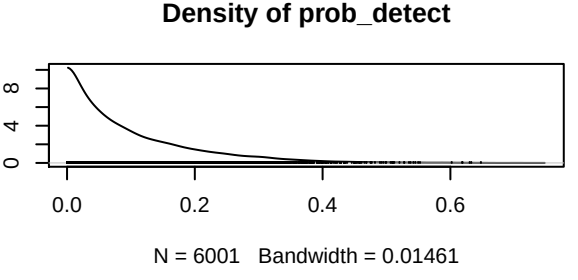

Trace of level_switch
2
4
0
1000
2000
3000
4000
5000
6000
Iterations

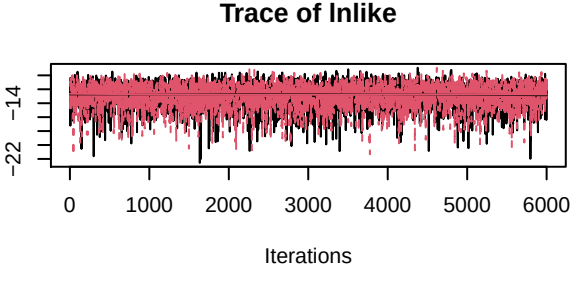

Density of level_switch
0.0
0.4
0.8
2
3
4
5
6
N = 6001 Bandwidth = 0.08144

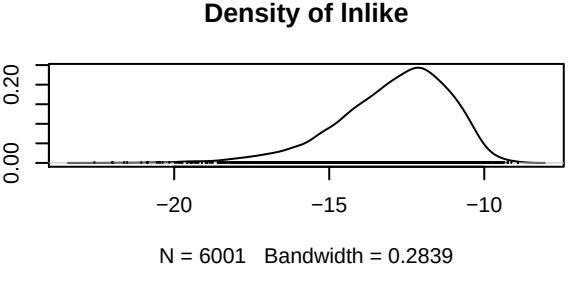

Trace of wane_rate2
15
35
0
1000
2000
3000
4000
5000
6000
Iterations


Density of wane_rate2
0.00
0.06
10
20
30
40
50
N = 6001 Bandwidth = 0.8136


Trace of prob_detect
0.0
0.4
0
1000
2000
3000
4000
5000
6000
Iterations


Density of prob_detect
0
4
8
0.0
0.2
0.4
0.6
N = 6001 Bandwidth = 0.01461


Trace of lnlike
−22
−14
0
1000
2000
3000
4000
5000
6000
Iterations


Density of lnlike
0.00
0.20
−20
−15
−10
N = 6001 Bandwidth = 0.2839