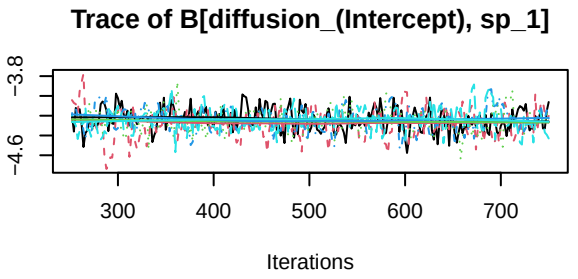
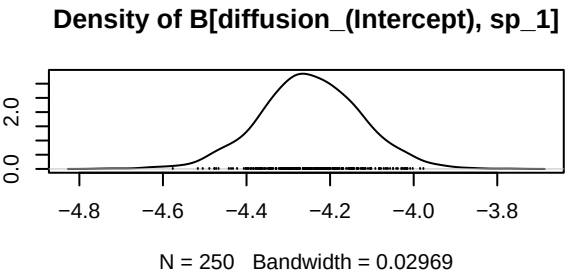
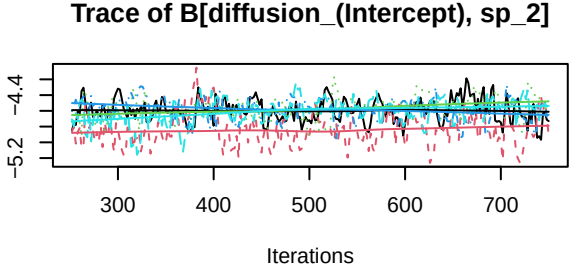
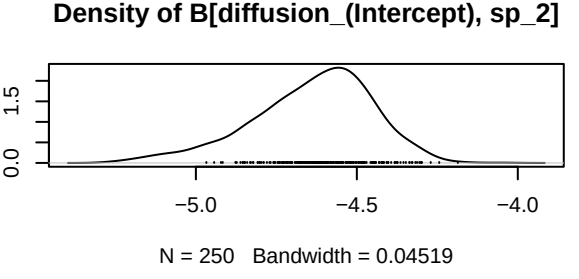
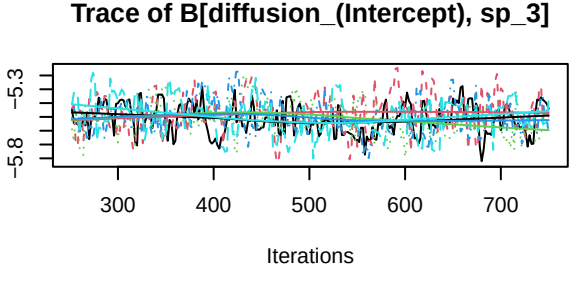
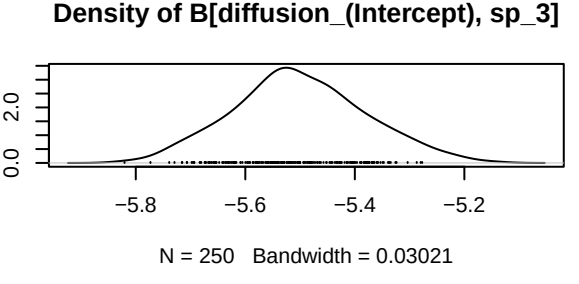

Trace of B[diffusion_(Intercept), sp_1]
−3.8
−4.6
300
400
500
600
700
Iterations

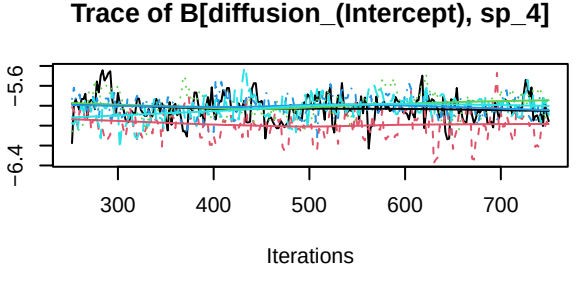

Density of B[diffusion_(Intercept), sp_1]
2.0
0.0
−4.8
−4.6
−4.4
−4.2
−4.0
−3.8
N = 250 Bandwidth = 0.02969

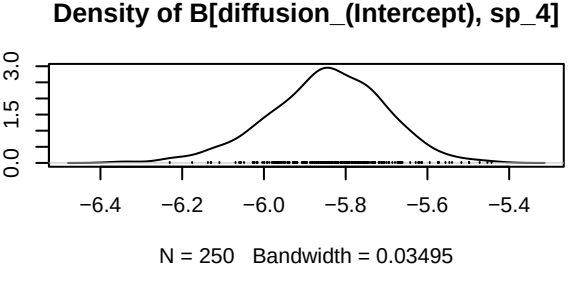

Trace of B[diffusion_(Intercept), sp_2]
−4.4
−5.2
300
400
500
600
700
Iterations

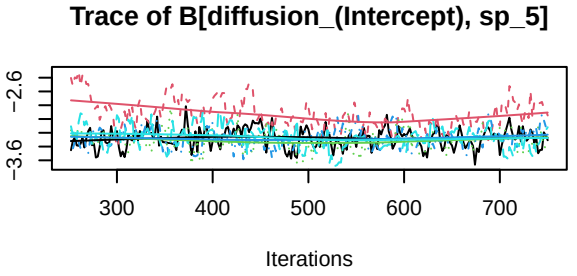

Density of B[diffusion_(Intercept), sp_2]
1.5
0.0
−5.0
−4.5
−4.0
N = 250 Bandwidth = 0.04519

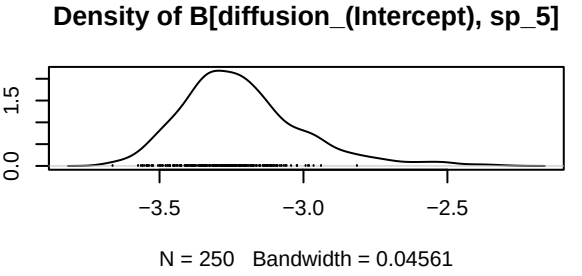

Trace of B[diffusion_(Intercept), sp_3]
−5.3
−5.8
300
400
500
600
700
Iterations

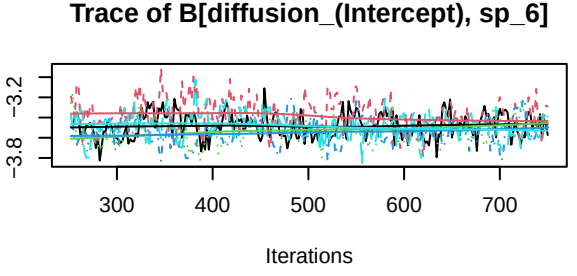

Density of B[diffusion_(Intercept), sp_3]
2.0
0.0
−5.8
−5.6
−5.4
−5.2
N = 250 Bandwidth = 0.03021

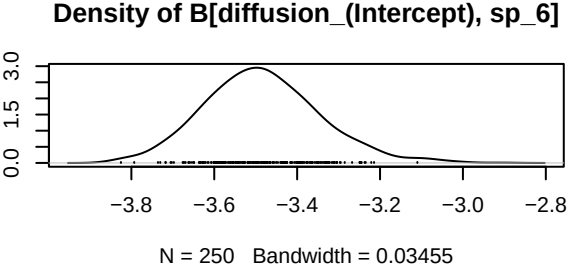

Trace of B[diffusion_(Intercept), sp_4]
−5.6
−6.4
300
400
500
600
700
Iterations

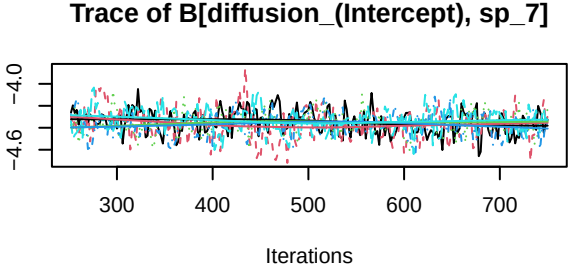

Density of B[diffusion_(Intercept), sp_4]
3.0
1.5
0.0
−6.4
−6.2
−6.0
−5.8
−5.6
−5.4
N = 250 Bandwidth = 0.03495

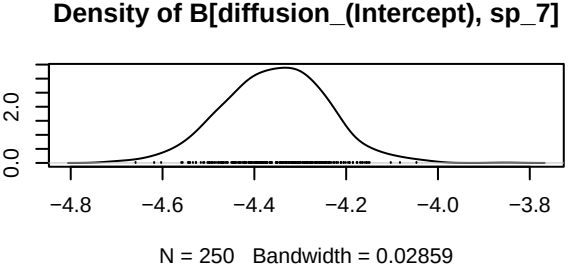

Trace of B[diffusion_(Intercept), sp_5]
−2.6
−3.6
300
400
500
600
700
Iterations

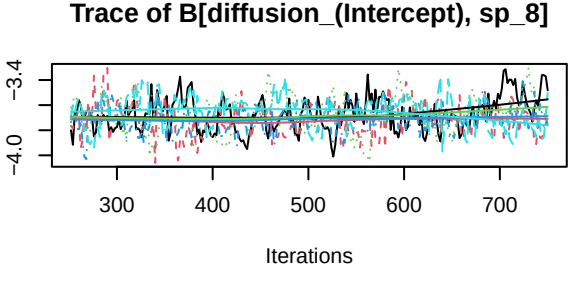

Density of B[diffusion_(Intercept), sp_5]
1.5
0.0
−3.5
−3.0
−2.5
N = 250 Bandwidth = 0.04561

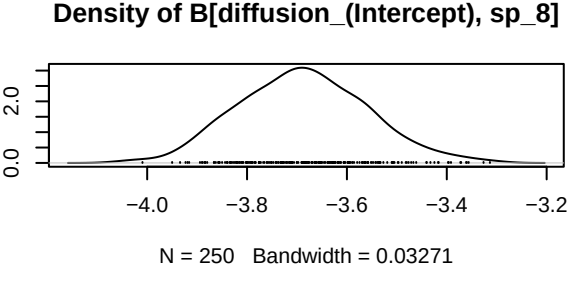

Trace of B[diffusion_(Intercept), sp_6]
−3.2
−3.8
300
400
500
600
700
Iterations

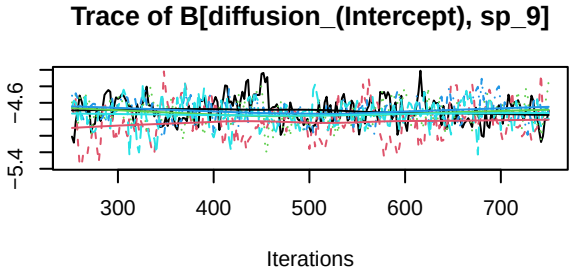

Density of B[diffusion_(Intercept), sp_6]
3.0
1.5
0.0
−3.8
−3.6
−3.4
−3.2
−3.0
−2.8
N = 250 Bandwidth = 0.03455

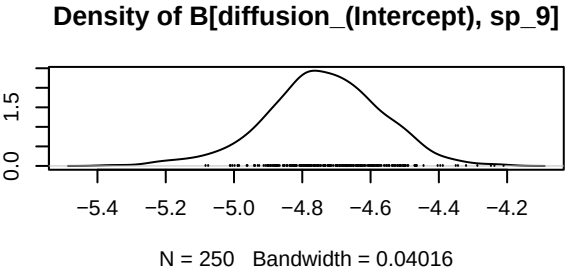

Trace of B[diffusion_(Intercept), sp_7]
−4.0
−4.6
300
400
500
600
700
Iterations

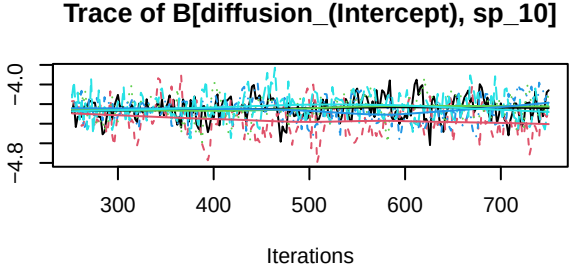

Density of B[diffusion_(Intercept), sp_7]
2.0
0.0
−4.8
−4.6
−4.4
−4.2
−4.0
−3.8
N = 250 Bandwidth = 0.02859

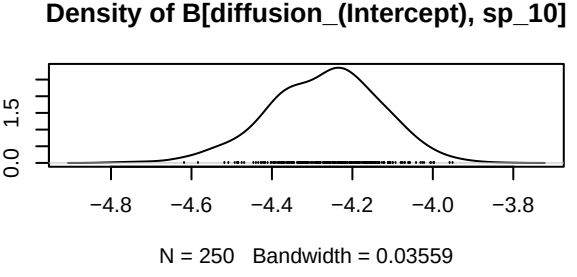

Trace of B[diffusion_(Intercept), sp_8]
−3.4
−4.0
300
400
500
600
700
Iterations

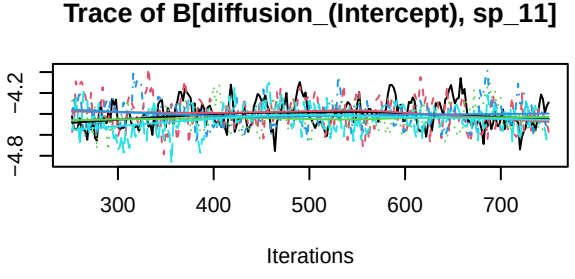

Density of B[diffusion_(Intercept), sp_8]
2.0
0.0
−4.0
−3.8
−3.6
−3.4
−3.2
N = 250 Bandwidth = 0.03271

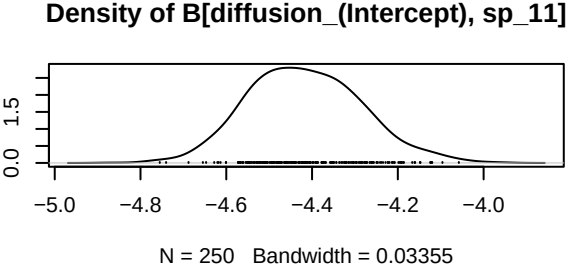

Trace of B[diffusion_(Intercept), sp_9]
−4.6
−5.4
300
400
500
600
700
Iterations

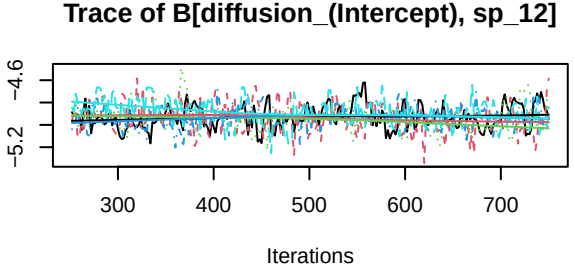

Density of B[diffusion_(Intercept), sp_9]
1.5
0.0
−5.4
−5.2
−5.0
−4.8
−4.6
−4.4
−4.2
N = 250 Bandwidth = 0.04016

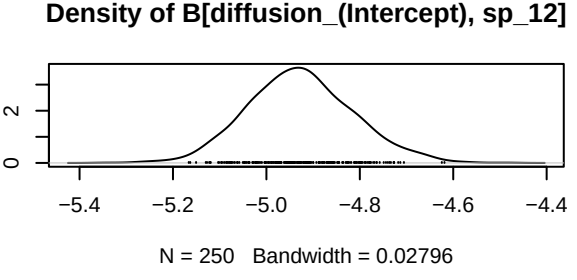

Trace of B[diffusion_(Intercept), sp_10]
−4.0
−4.8
300
400
500
600
700
Iterations

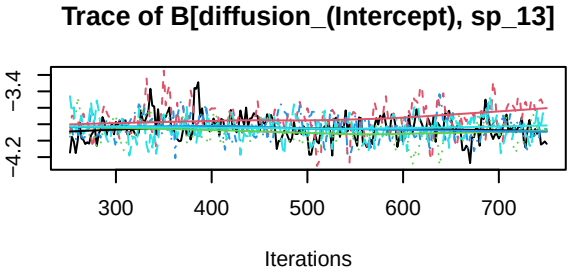

Density of B[diffusion_(Intercept), sp_10]
1.5
0.0
−4.8
−4.6
−4.4
−4.2
−4.0
−3.8
N = 250 Bandwidth = 0.03559

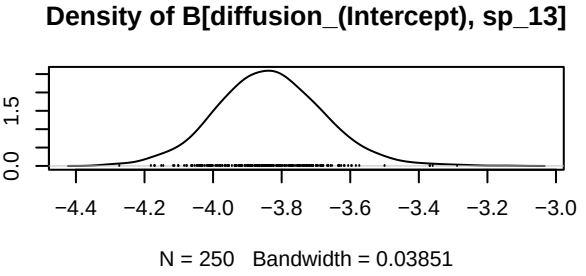

Trace of B[diffusion_(Intercept), sp_11]
−4.2
−4.8
300
400
500
600
700
Iterations

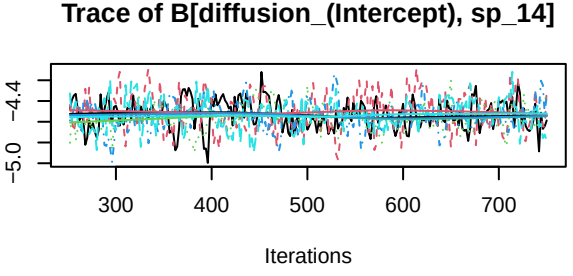

Density of B[diffusion_(Intercept), sp_11]
1.5
0.0
−5.0
−4.8
−4.6
−4.4
−4.2
−4.0
N = 250 Bandwidth = 0.03355

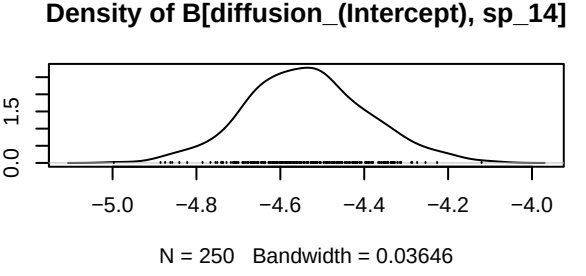

Trace of B[diffusion_(Intercept), sp_12]
−4.6
−5.2
300
400
500
600
700
Iterations

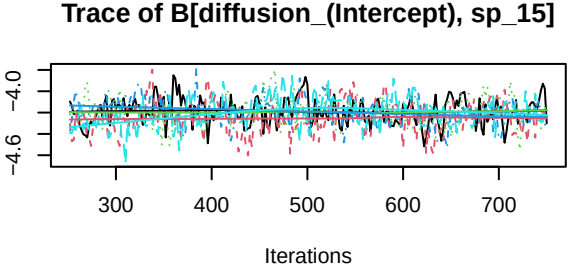

Density of B[diffusion_(Intercept), sp_12]
2
0
−5.4
−5.2
−5.0
−4.8
−4.6
−4.4
N = 250 Bandwidth = 0.02796

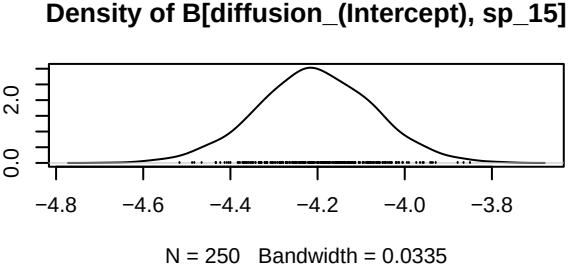

Trace of B[diffusion_(Intercept), sp_13]
−3.4
−4.2
300
400
500
600
700
Iterations

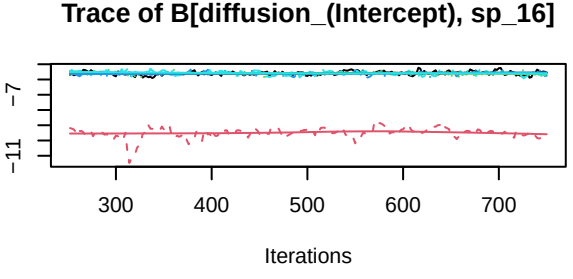

Density of B[diffusion_(Intercept), sp_13]
1.5
0.0
−4.4
−4.2
−4.0
−3.8
−3.6
−3.4
−3.2
−3.0
N = 250 Bandwidth = 0.03851

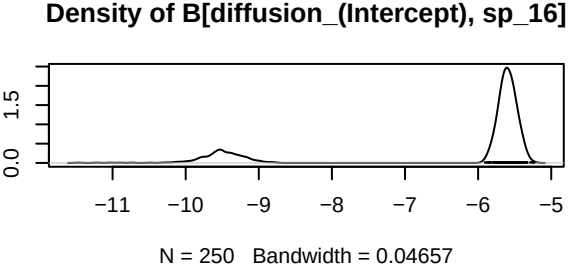

Trace of B[diffusion_(Intercept), sp_14]
−4.4
−5.0
300
400
500
600
700
Iterations

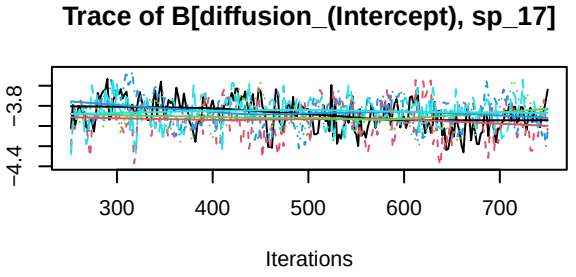

Density of B[diffusion_(Intercept), sp_14]
1.5
0.0
−5.0
−4.8
−4.6
−4.4
−4.2
−4.0
N = 250 Bandwidth = 0.03646

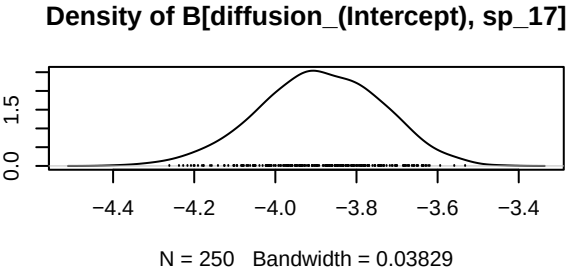

Trace of B[diffusion_(Intercept), sp_15]
−4.0
−4.6
300
400
500
600
700
Iterations

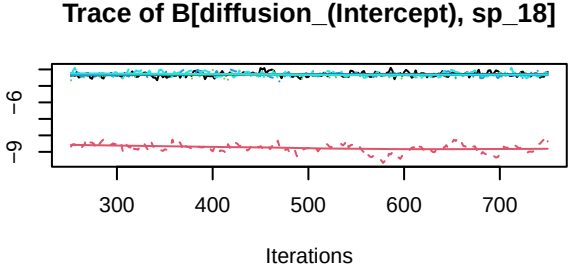

Density of B[diffusion_(Intercept), sp_15]
2.0
0.0
−4.8
−4.6
−4.4
−4.2
−4.0
−3.8
N = 250 Bandwidth = 0.0335

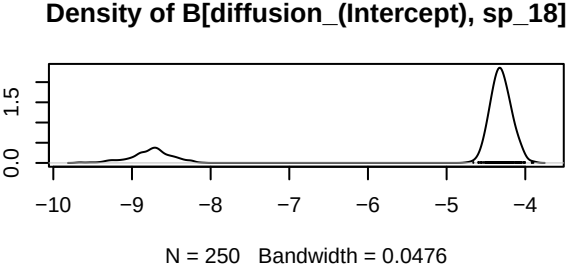

Trace of B[diffusion_(Intercept), sp_16]
−7
−11
300
400
500
600
700
Iterations

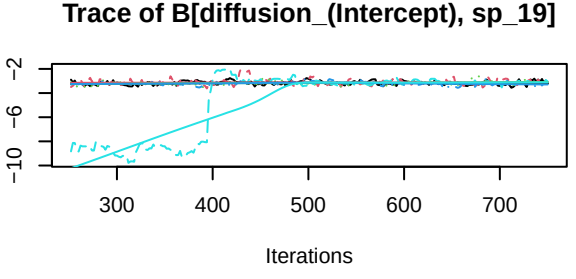

Density of B[diffusion_(Intercept), sp_16]
1.5
0.0
−11
−10
−9
−8
−7
−6
−5
N = 250 Bandwidth = 0.04657

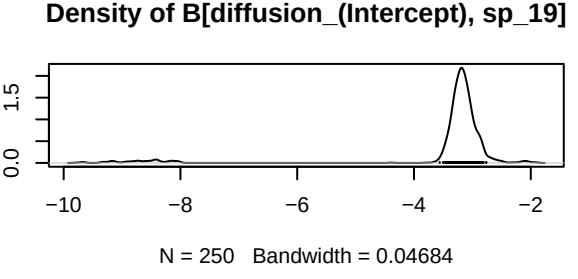

Trace of B[diffusion_(Intercept), sp_17]
−3.8
−4.4
300
400
500
600
700
Iterations

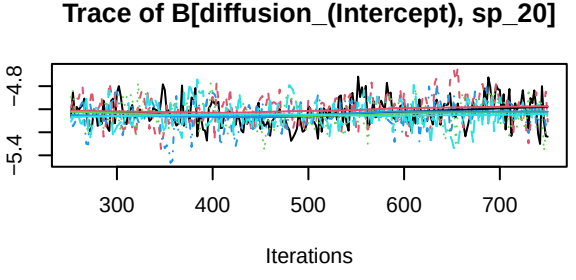

Density of B[diffusion_(Intercept), sp_17]
1.5
0.0
−4.4
−4.2
−4.0
−3.8
−3.6
−3.4
N = 250 Bandwidth = 0.03829

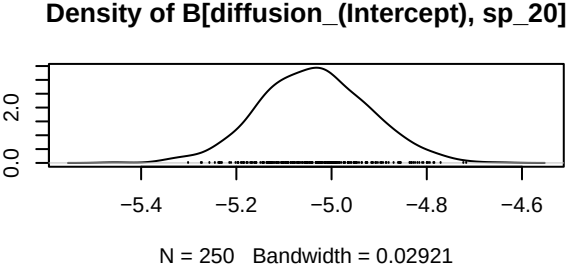

Trace of B[diffusion_(Intercept), sp_18]
−6
−9
300
400
500
600
700
Iterations

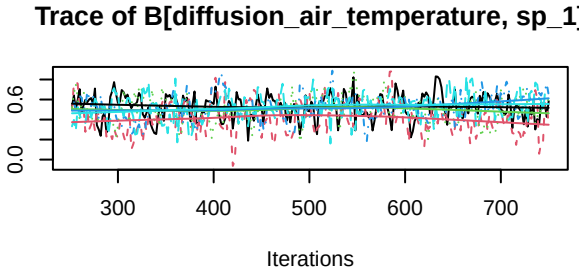

Density of B[diffusion_(Intercept), sp_18]
1.5
0.0
−10
−9
−8
−7
−6
−5
−4
N = 250 Bandwidth = 0.0476

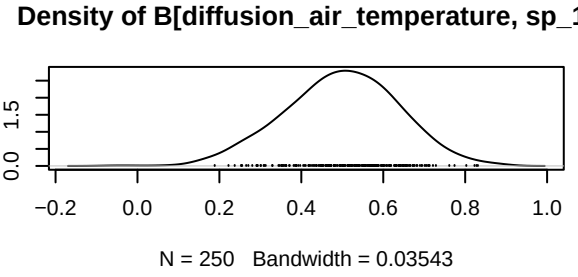

Trace of B[diffusion_(Intercept), sp_19]
−2
−6
−10
300
400
500
600
700
Iterations

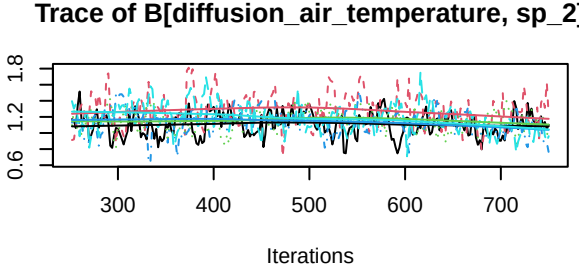

Density of B[diffusion_(Intercept), sp_19]
1.5
0.0
−10
−8
−6
−4
−2
N = 250 Bandwidth = 0.04684

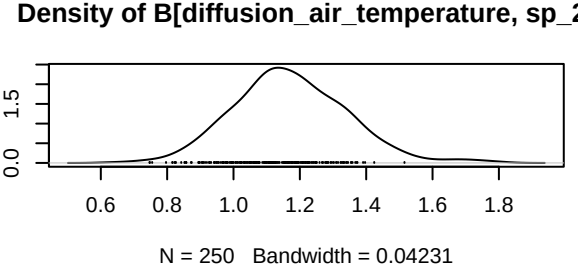

Trace of B[diffusion_(Intercept), sp_20]
−4.8
−5.4
300
400
500
600
700
Iterations

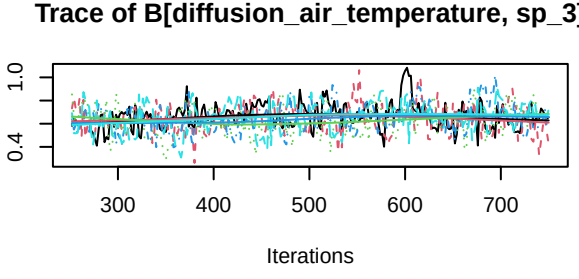

Density of B[diffusion_(Intercept), sp_20]
2.0
0.0
−5.4
−5.2
−5.0
−4.8
−4.6
N = 250 Bandwidth = 0.02921

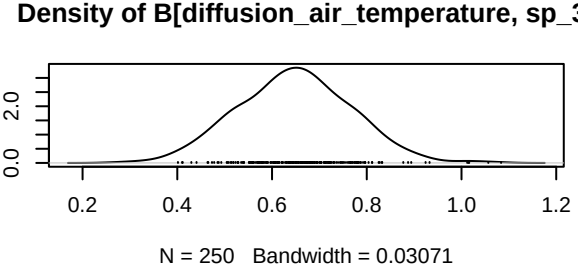

Trace of B[diffusion_air_temperature, sp_1]
0.0
0.6
300
400
500
600
700
Iterations

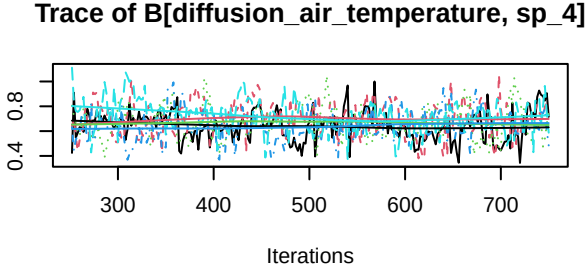

Density of B[diffusion_air_temperature, sp_1]
0.0
1.5
−0.2
0.0
0.2
0.4
0.6
0.8
1.0
N = 250 Bandwidth = 0.03543

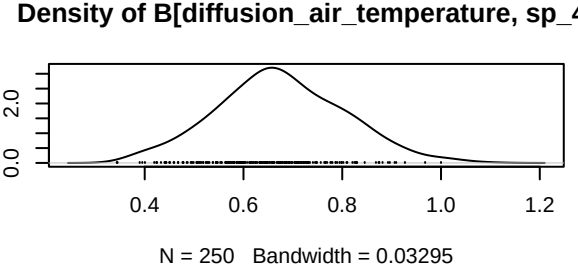

Trace of B[diffusion_air_temperature, sp_2]
0.6
1.2
1.8
300
400
500
600
700
Iterations

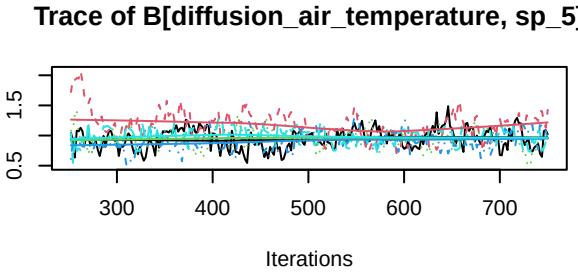

Density of B[diffusion_air_temperature, sp_2]
0.0
1.5
0.6
0.8
1.0
1.2
1.4
1.6
1.8
N = 250 Bandwidth = 0.04231

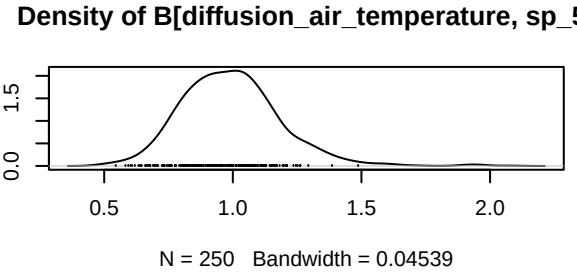

Trace of B[diffusion_air_temperature, sp_3]
0.4
1.0
300
400
500
600
700
Iterations

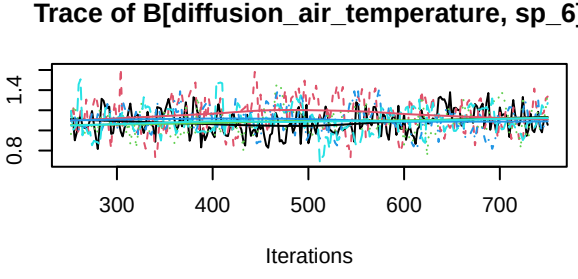

Density of B[diffusion_air_temperature, sp_3]
0.0
2.0
0.2
0.4
0.6
0.8
1.0
1.2
N = 250 Bandwidth = 0.03071

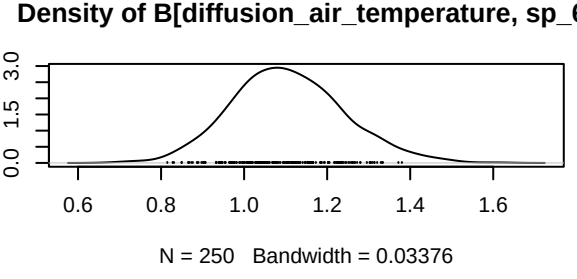

Trace of B[diffusion_air_temperature, sp_4]
0.4
0.8
300
400
500
600
700
Iterations

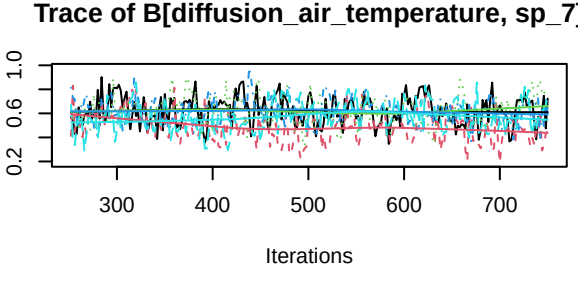

Density of B[diffusion_air_temperature, sp_4]
0.0
2.0
0.4
0.6
0.8
1.0
1.2
N = 250 Bandwidth = 0.03295

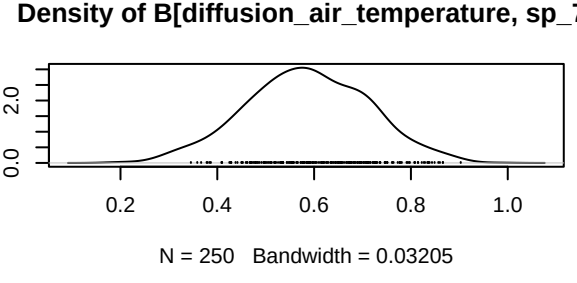

Trace of B[diffusion_air_temperature, sp_5]
0.5
1.5
300
400
500
600
700
Iterations

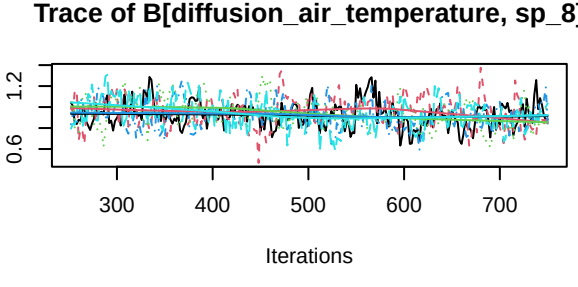

Density of B[diffusion_air_temperature, sp_5]
0.0
1.5
0.5
1.0
1.5
2.0
N = 250 Bandwidth = 0.04539

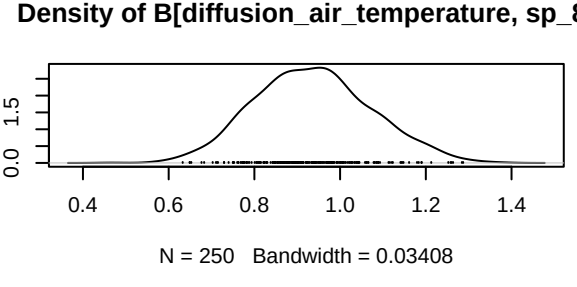

Trace of B[diffusion_air_temperature, sp_6]
0.8
1.4
300
400
500
600
700
Iterations

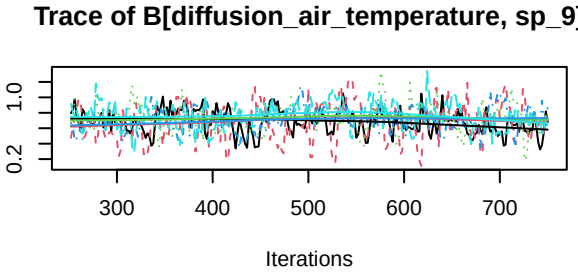

Density of B[diffusion_air_temperature, sp_6]
0.0
1.5
3.0
0.6
0.8
1.0
1.2
1.4
1.6
N = 250 Bandwidth = 0.03376

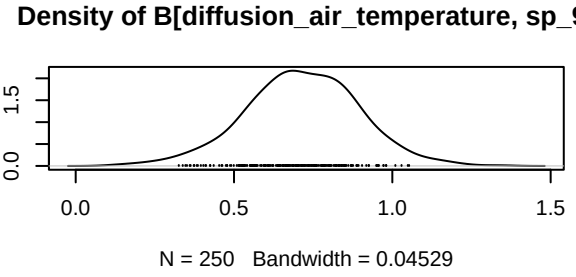

Trace of B[diffusion_air_temperature, sp_7]
0.2
0.6
1.0
300
400
500
600
700
Iterations

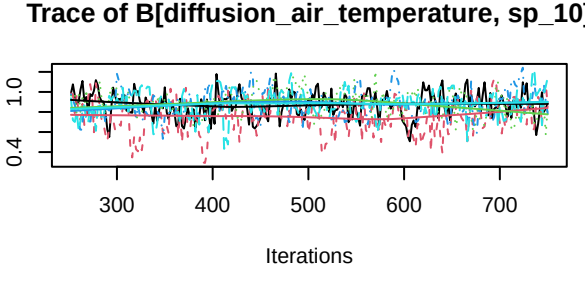

Density of B[diffusion_air_temperature, sp_7]
0.0
2.0
0.2
0.4
0.6
0.8
1.0
N = 250 Bandwidth = 0.03205

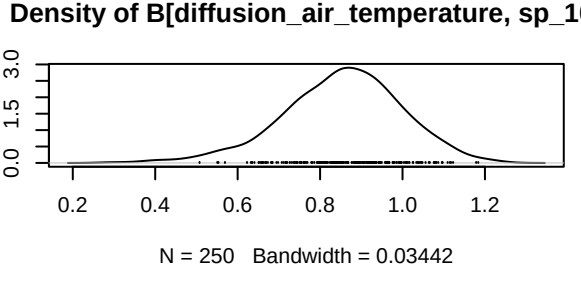

Trace of B[diffusion_air_temperature, sp_8]
0.6
1.2
300
400
500
600
700
Iterations

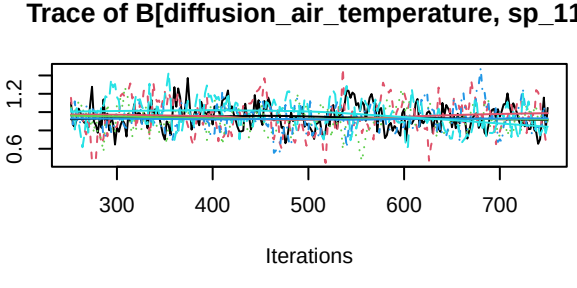

Density of B[diffusion_air_temperature, sp_8]
0.0
1.5
0.4
0.6
0.8
1.0
1.2
1.4
N = 250 Bandwidth = 0.03408

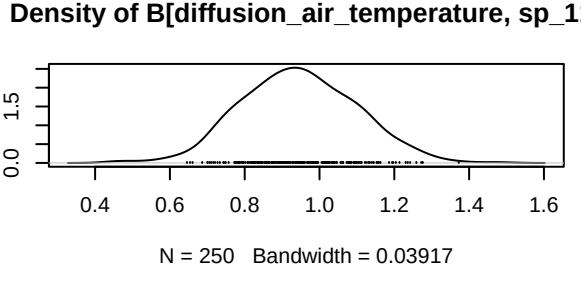

Trace of B[diffusion_air_temperature, sp_9]
0.2
1.0
300
400
500
600
700
Iterations

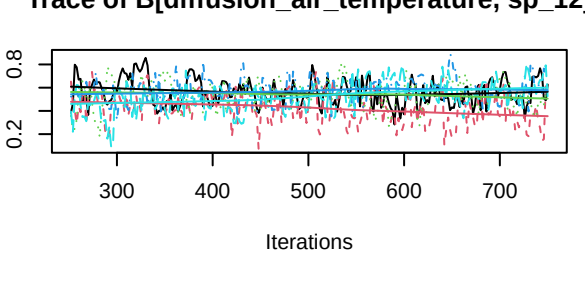

Density of B[diffusion_air_temperature, sp_9]
0.0
1.5
0.0
0.5
1.0
1.5
N = 250 Bandwidth = 0.04529

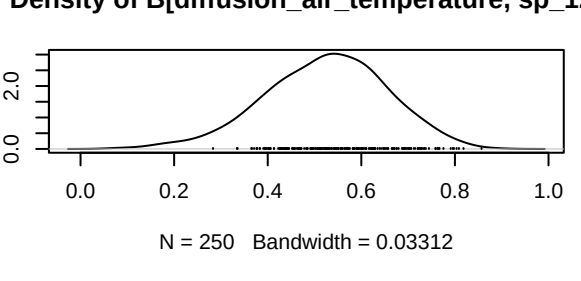

Trace of B[diffusion_air_temperature, sp_10]
0.4
1.0
300
400
500
600
700
Iterations

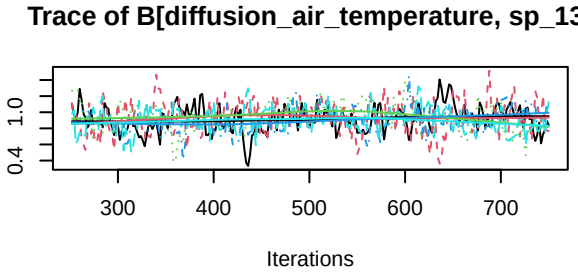

Density of B[diffusion_air_temperature, sp_10]
0.0
1.5
3.0
0.2
0.4
0.6
0.8
1.0
1.2
N = 250 Bandwidth = 0.03442

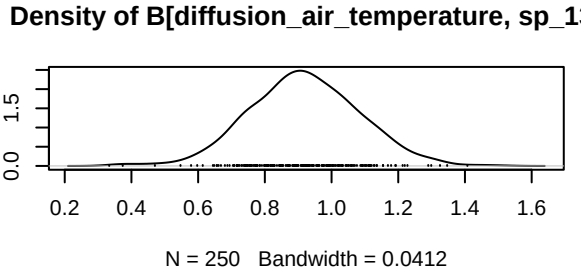

Trace of B[diffusion_air_temperature, sp_11]
0.6
1.2
300
400
500
600
700
Iterations

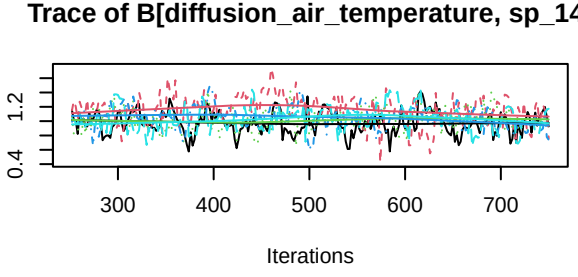

Density of B[diffusion_air_temperature, sp_11]
0.0
1.5
0.4
0.6
0.8
1.0
1.2
1.4
1.6
N = 250 Bandwidth = 0.03917

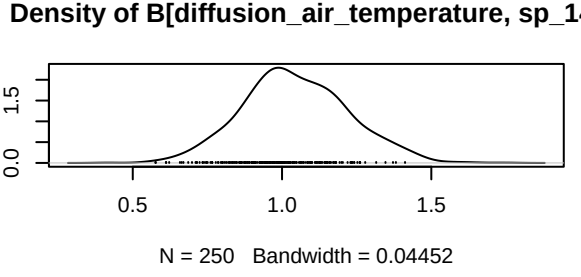

Trace of B[diffusion_air_temperature, sp_12]
0.2
0.8
300
400
500
600
700
Iterations

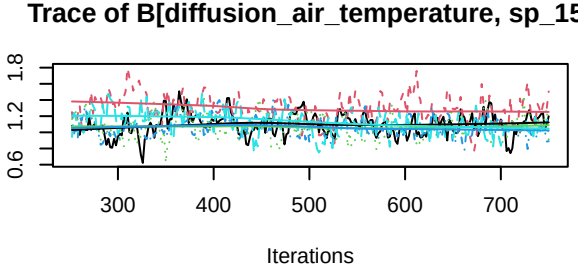

Density of B[diffusion_air_temperature, sp_12]
0.0
2.0
0.0
0.2
0.4
0.6
0.8
1.0
N = 250 Bandwidth = 0.03312

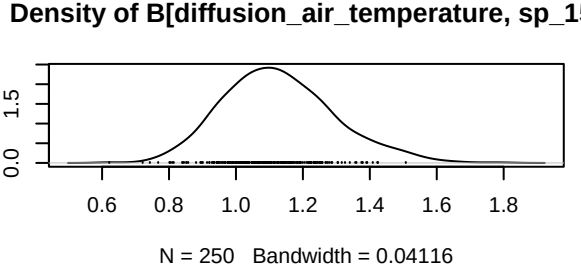

Trace of B[diffusion_air_temperature, sp_13]
0.4
1.0
300
400
500
600
700
Iterations

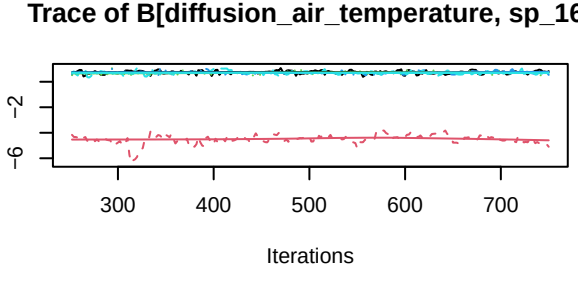

Density of B[diffusion_air_temperature, sp_13]
0.0
1.5
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
N = 250 Bandwidth = 0.0412

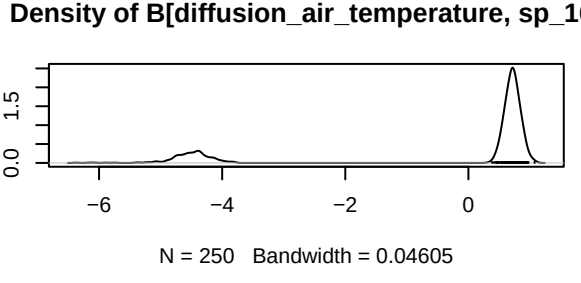

Trace of B[diffusion_air_temperature, sp_14]
0.4
1.2
300
400
500
600
700
Iterations

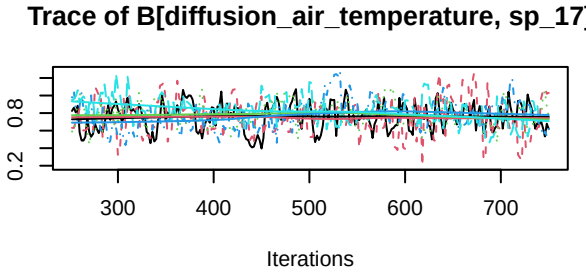

Density of B[diffusion_air_temperature, sp_14]
0.0
1.5
0.5
1.0
1.5
N = 250 Bandwidth = 0.04452

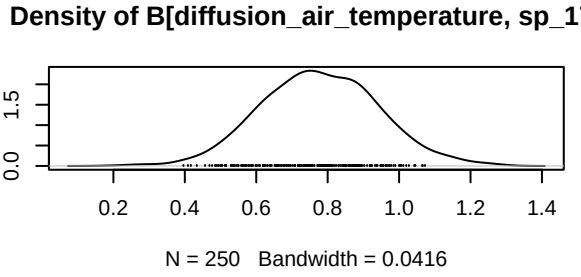

Trace of B[diffusion_air_temperature, sp_15]
0.6
1.2
1.8
300
400
500
600
700
Iterations

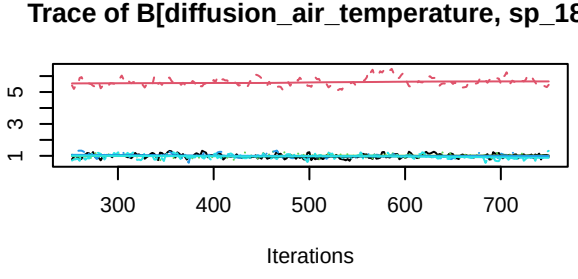

Density of B[diffusion_air_temperature, sp_15]
0.0
1.5
0.6
0.8
1.0
1.2
1.4
1.6
1.8
N = 250 Bandwidth = 0.04116

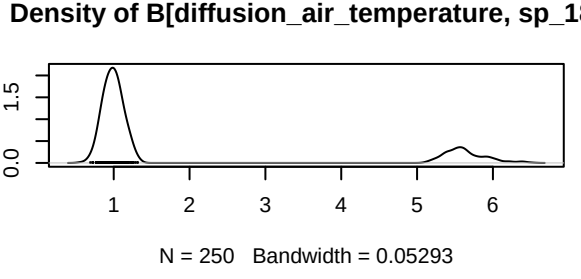

Trace of B[diffusion_air_temperature, sp_16]
−6
−2
300
400
500
600
700
Iterations

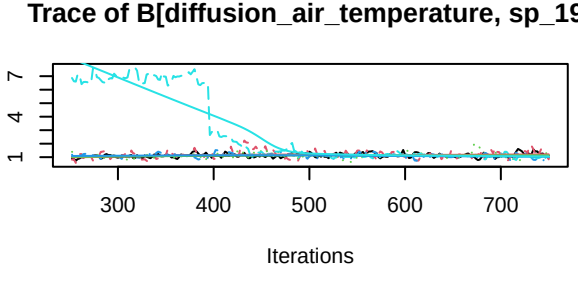

Density of B[diffusion_air_temperature, sp_16]
0.0
1.5
−6
−4
−2
0
N = 250 Bandwidth = 0.04605

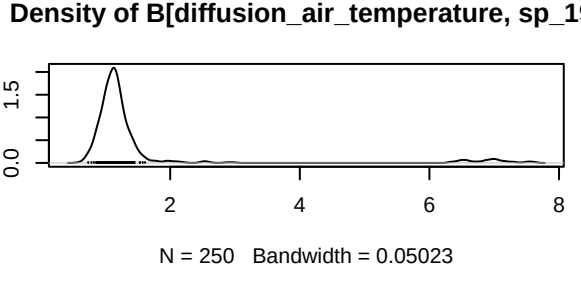

Trace of B[diffusion_air_temperature, sp_17]
0.2
0.8
300
400
500
600
700
Iterations

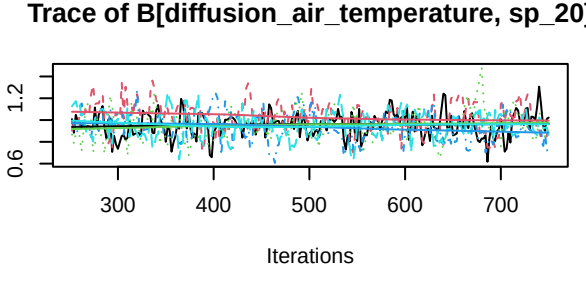

Density of B[diffusion_air_temperature, sp_17]
0.0
1.5
0.2
0.4
0.6
0.8
1.0
1.2
1.4
N = 250 Bandwidth = 0.0416

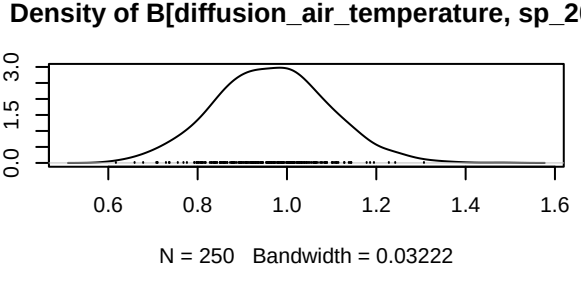

Trace of B[diffusion_air_temperature, sp_18]
1
3
5
300
400
500
600
700
Iterations

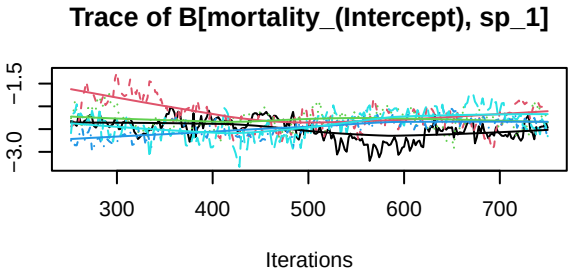

Density of B[diffusion_air_temperature, sp_18]
0.0
1.5
1
2
3
4
5
6
N = 250 Bandwidth = 0.05293

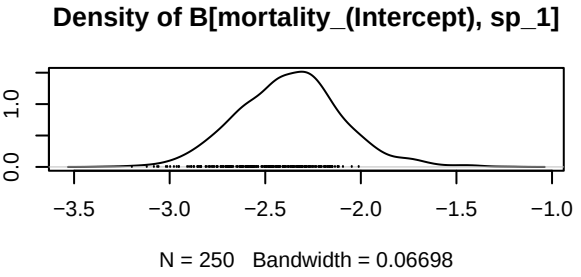

Trace of B[diffusion_air_temperature, sp_19]
1
4
7
300
400
500
600
700
Iterations

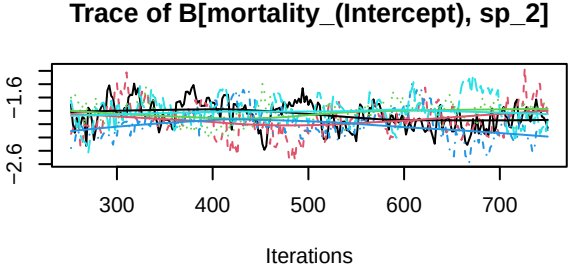

Density of B[diffusion_air_temperature, sp_19]
0.0
1.5
2
4
6
8
N = 250 Bandwidth = 0.05023

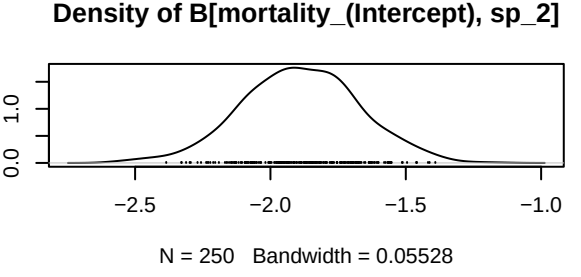

Trace of B[diffusion_air_temperature, sp_20]
0.6
1.2
300
400
500
600
700
Iterations

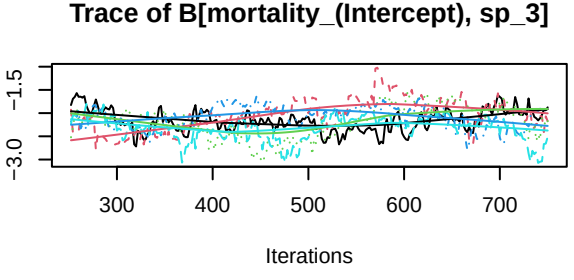

Density of B[diffusion_air_temperature, sp_20]
0.0
1.5
3.0
0.6
0.8
1.0
1.2
1.4
1.6
N = 250 Bandwidth = 0.03222

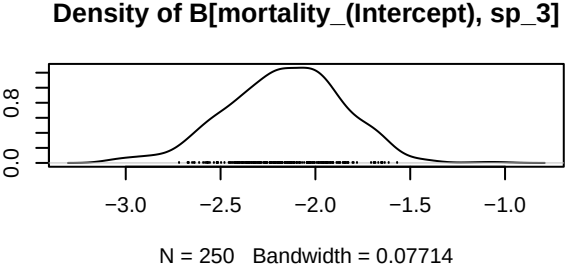

Trace of B[mortality_(Intercept), sp_1]
−1.5
−3.0
300
400
500
600
700
Iterations

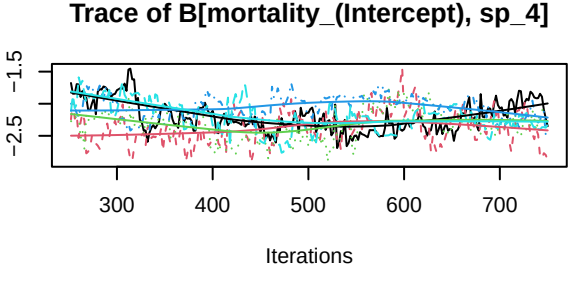

Density of B[mortality_(Intercept), sp_1]
1.0
0.0
−3.5
−3.0
−2.5
−2.0
−1.5
−1.0
N = 250 Bandwidth = 0.06698

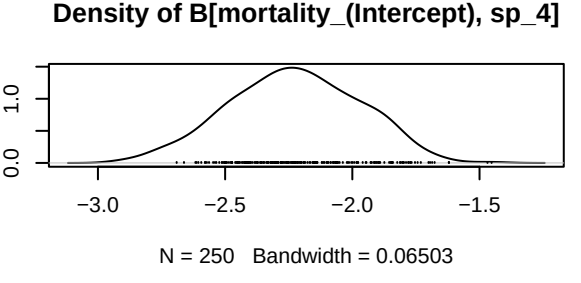

Trace of B[mortality_(Intercept), sp_2]
−1.6
−2.6
300
400
500
600
700
Iterations

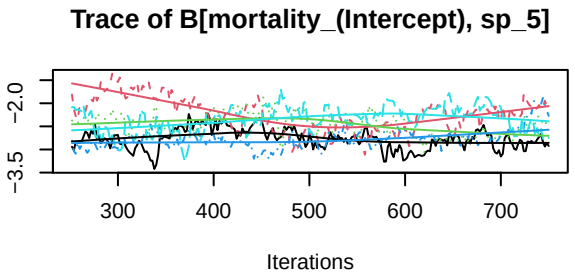

Density of B[mortality_(Intercept), sp_2]
1.0
0.0
−2.5
−2.0
−1.5
−1.0
N = 250 Bandwidth = 0.05528

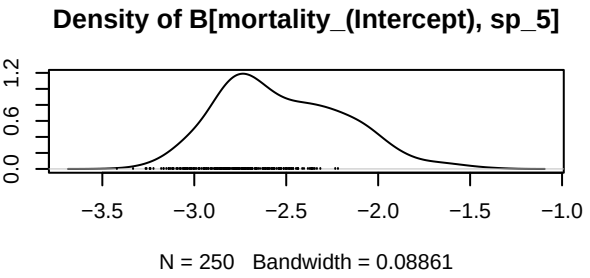

Trace of B[mortality_(Intercept), sp_3]
−1.5
−3.0
300
400
500
600
700
Iterations

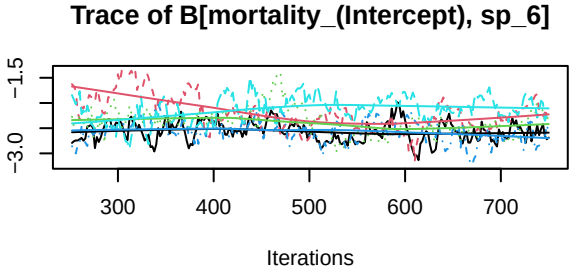

Density of B[mortality_(Intercept), sp_3]
0.8
0.0
−3.0
−2.5
−2.0
−1.5
−1.0
N = 250 Bandwidth = 0.07714

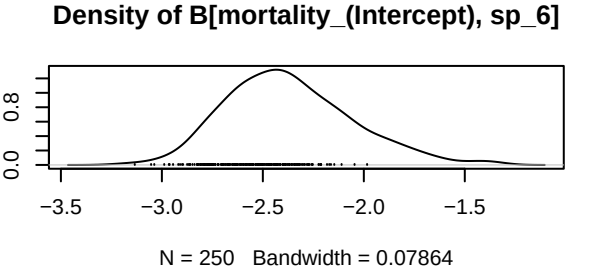

Trace of B[mortality_(Intercept), sp_4]
−1.5
−2.5
300
400
500
600
700
Iterations

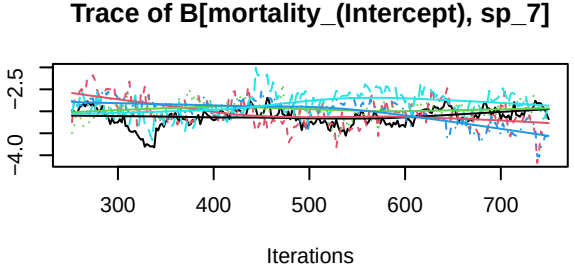

Density of B[mortality_(Intercept), sp_4]
1.0
0.0
−3.0
−2.5
−2.0
−1.5
N = 250 Bandwidth = 0.06503

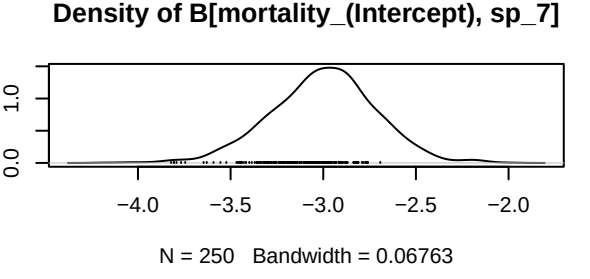

Trace of B[mortality_(Intercept), sp_5]
−2.0
−3.5
300
400
500
600
700
Iterations

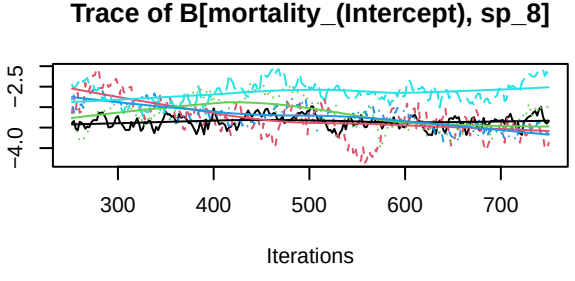

Density of B[mortality_(Intercept), sp_5]
1.2
0.6
0.0
−3.5
−3.0
−2.5
−2.0
−1.5
−1.0
N = 250 Bandwidth = 0.08861

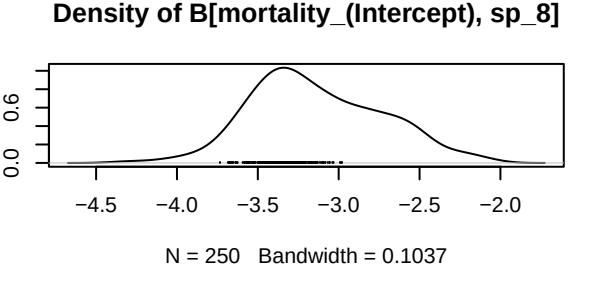

Trace of B[mortality_(Intercept), sp_6]
−1.5
−3.0
300
400
500
600
700
Iterations

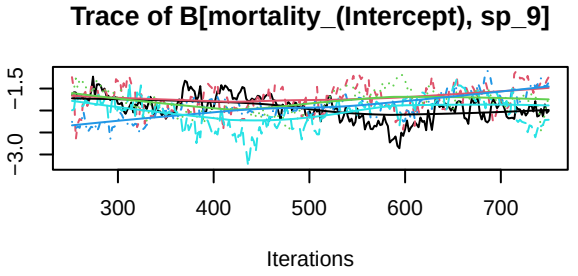

Density of B[mortality_(Intercept), sp_6]
0.8
0.0
−3.5
−3.0
−2.5
−2.0
−1.5
N = 250 Bandwidth = 0.07864

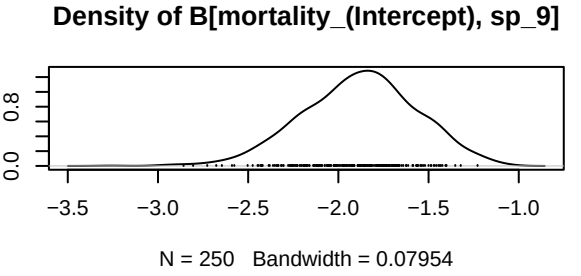

Trace of B[mortality_(Intercept), sp_7]
−2.5
−4.0
300
400
500
600
700
Iterations

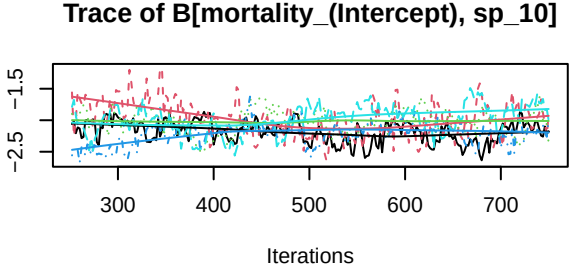

Density of B[mortality_(Intercept), sp_7]
1.0
0.0
−4.0
−3.5
−3.0
−2.5
−2.0
N = 250 Bandwidth = 0.06763

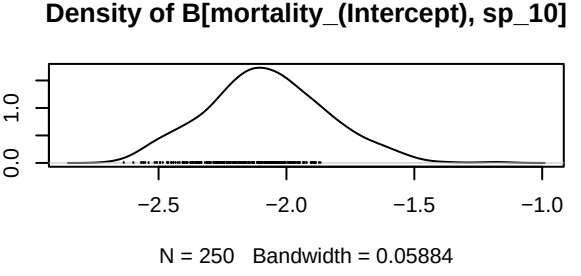

Trace of B[mortality_(Intercept), sp_8]
−2.5
−4.0
300
400
500
600
700
Iterations

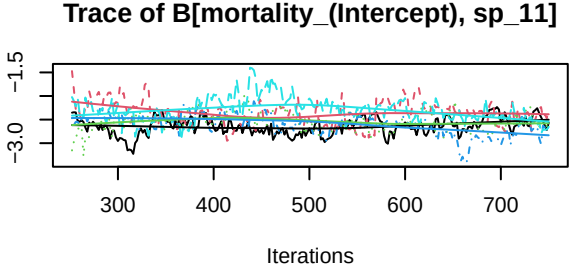

Density of B[mortality_(Intercept), sp_8]
0.6
0.0
−4.5
−4.0
−3.5
−3.0
−2.5
−2.0
N = 250 Bandwidth = 0.1037

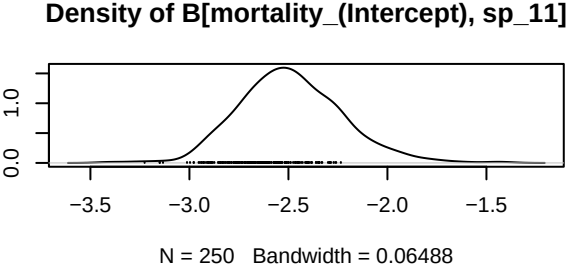

Trace of B[mortality_(Intercept), sp_9]
−3.0
−1.5
300
400
500
600
700
Iterations

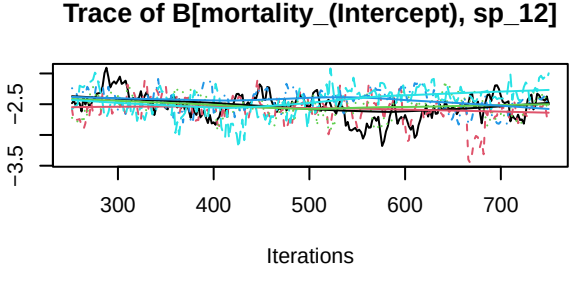

Density of B[mortality_(Intercept), sp_9]
0.0
0.8
−3.5
−3.0
−2.5
−2.0
−1.5
−1.0
N = 250 Bandwidth = 0.07954

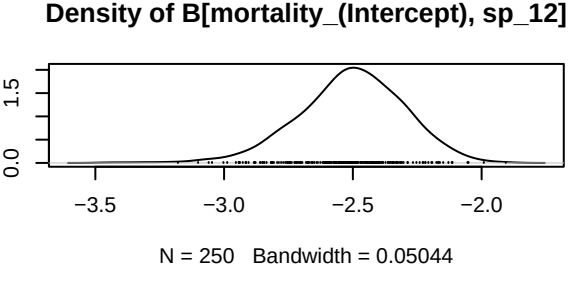

Trace of B[mortality_(Intercept), sp_10]
−2.5
−1.5
300
400
500
600
700
Iterations

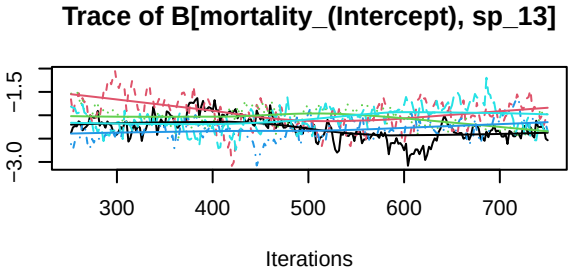

Density of B[mortality_(Intercept), sp_10]
0.0
1.0
−2.5
−2.0
−1.5
−1.0
N = 250 Bandwidth = 0.05884

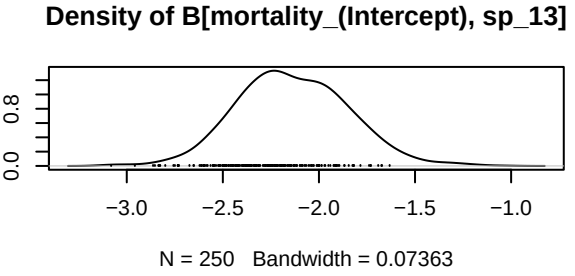

Trace of B[mortality_(Intercept), sp_11]
−3.0
−1.5
300
400
500
600
700
Iterations

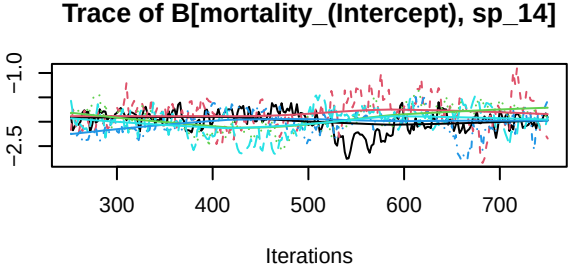

Density of B[mortality_(Intercept), sp_11]
0.0
1.0
−3.5
−3.0
−2.5
−2.0
−1.5
N = 250 Bandwidth = 0.06488

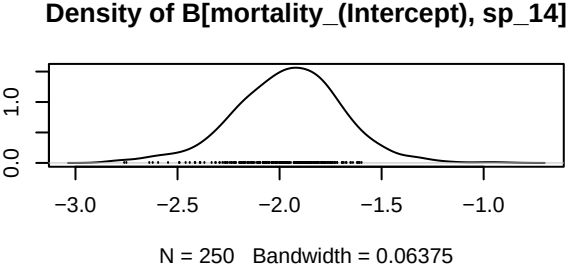

Trace of B[mortality_(Intercept), sp_12]
−3.5
−2.5
300
400
500
600
700
Iterations

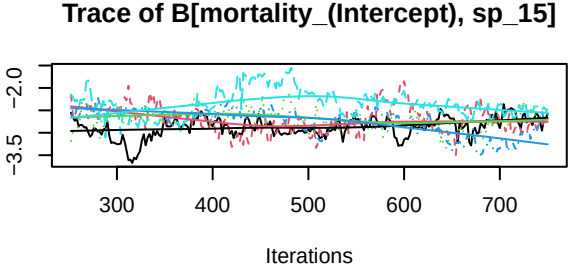

Density of B[mortality_(Intercept), sp_12]
0.0
1.5
−3.5
−3.0
−2.5
−2.0
N = 250 Bandwidth = 0.05044

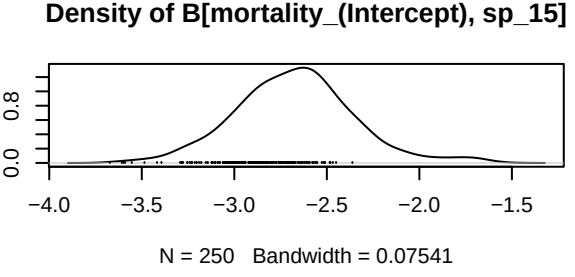

Trace of B[mortality_(Intercept), sp_13]
−1.5
−3.0
300
400
500
600
700
Iterations

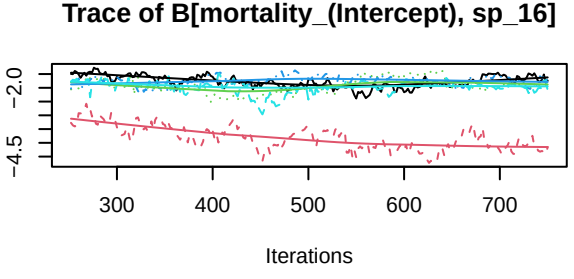

Density of B[mortality_(Intercept), sp_13]
0.8
0.0
−3.0
−2.5
−2.0
−1.5
−1.0
N = 250 Bandwidth = 0.07363

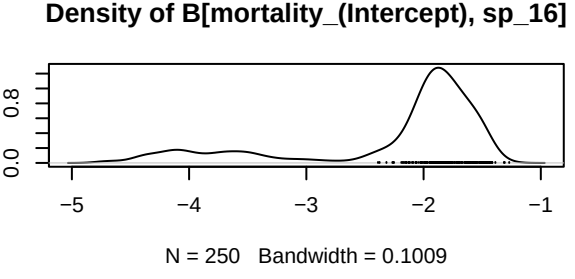

Trace of B[mortality_(Intercept), sp_14]
−1.0
−2.5
300
400
500
600
700
Iterations

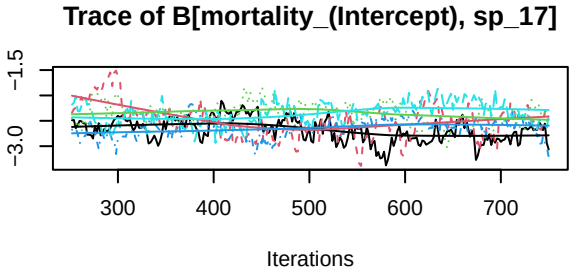

Density of B[mortality_(Intercept), sp_14]
1.0
0.0
−3.0
−2.5
−2.0
−1.5
−1.0
N = 250 Bandwidth = 0.06375

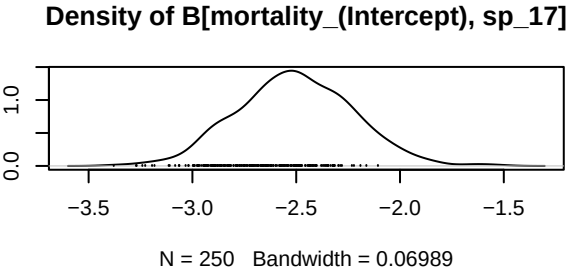

Trace of B[mortality_(Intercept), sp_15]
−2.0
−3.5
300
400
500
600
700
Iterations

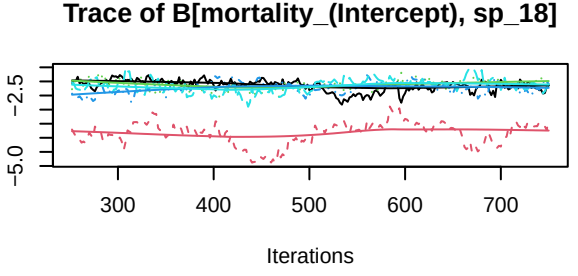

Density of B[mortality_(Intercept), sp_15]
0.8
0.0
−4.0
−3.5
−3.0
−2.5
−2.0
−1.5
N = 250 Bandwidth = 0.07541

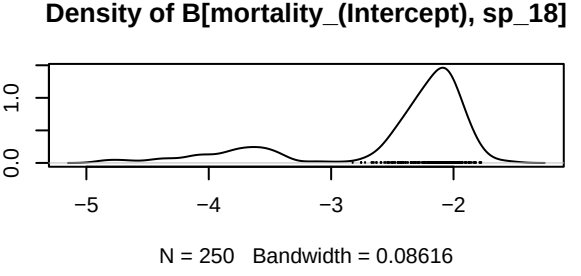

Trace of B[mortality_(Intercept), sp_16]
−2.0
−4.5
300
400
500
600
700
Iterations

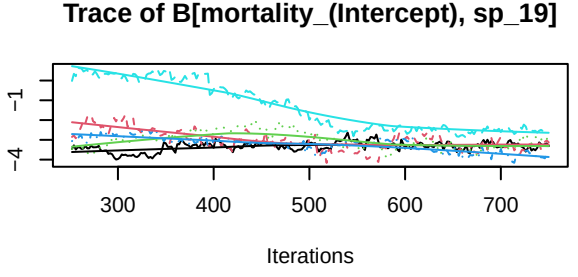

Density of B[mortality_(Intercept), sp_16]
0.8
0.0
−5
−4
−3
−2
−1
N = 250 Bandwidth = 0.1009

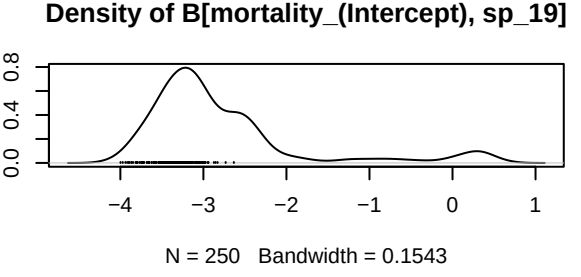

Trace of B[mortality_(Intercept), sp_17]
−1.5
−3.0
300
400
500
600
700
Iterations

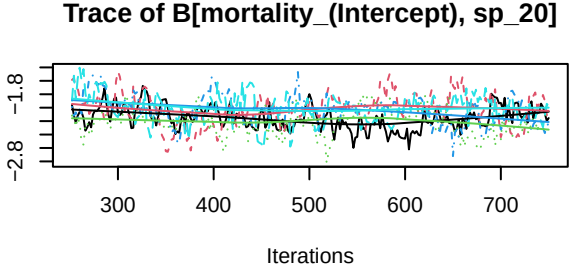

Density of B[mortality_(Intercept), sp_17]
1.0
0.0
−3.5
−3.0
−2.5
−2.0
−1.5
N = 250 Bandwidth = 0.06989

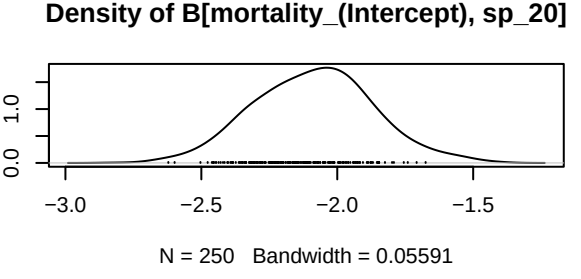

Trace of B[mortality_(Intercept), sp_18]
−2.5
−5.0
300
400
500
600
700
Iterations

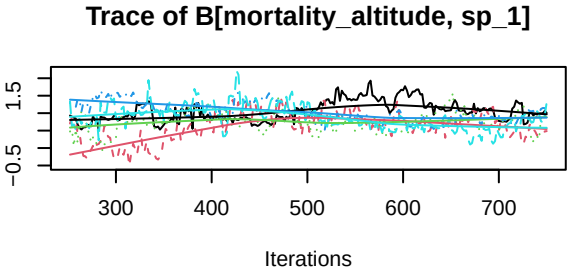

Density of B[mortality_(Intercept), sp_18]
1.0
0.0
−5
−4
−3
−2
N = 250 Bandwidth = 0.08616

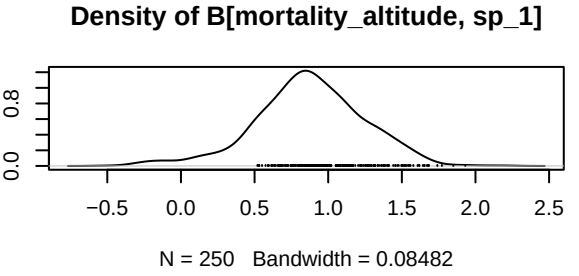

Trace of B[mortality_(Intercept), sp_19]
−1
−4
300
400
500
600
700
Iterations

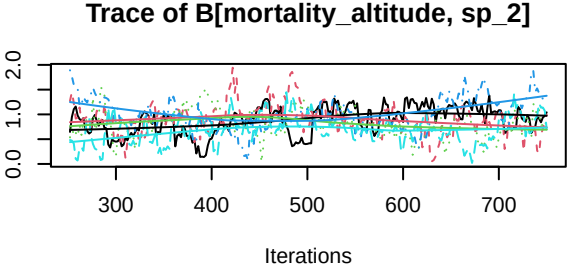

Density of B[mortality_(Intercept), sp_19]
0.8
0.4
0.0
−4
−3
−2
−1
0
1
N = 250 Bandwidth = 0.1543

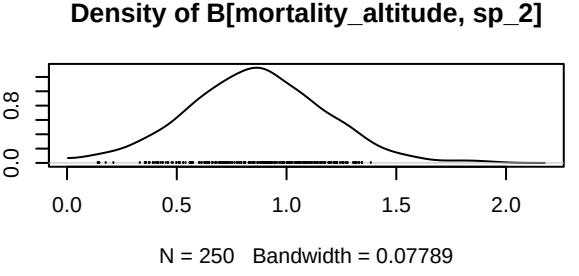

Trace of B[mortality_(Intercept), sp_20]
−1.8
−2.8
300
400
500
600
700
Iterations

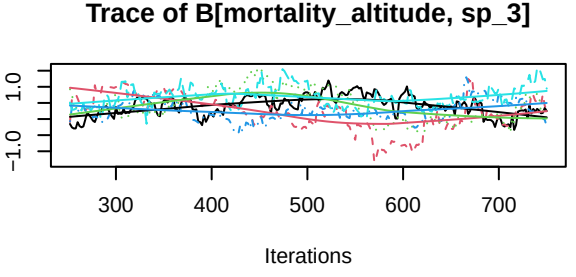

Density of B[mortality_(Intercept), sp_20]
1.0
0.0
−3.0
−2.5
−2.0
−1.5
N = 250 Bandwidth = 0.05591

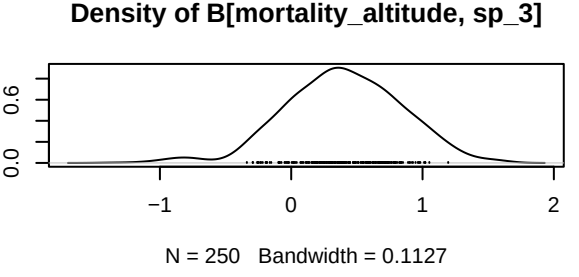

Trace of B[mortality_altitude, sp_1]
−0.5
1.5
300
400
500
600
700
Iterations

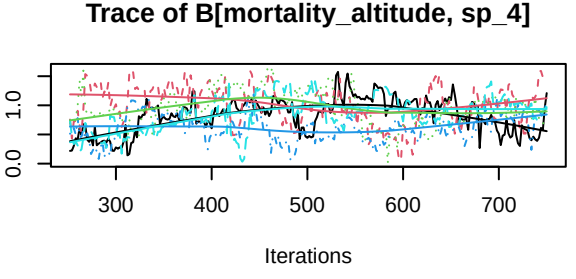

Density of B[mortality_altitude, sp_1]
0.0
0.8
−0.5
0.0
0.5
1.0
1.5
2.0
2.5
N = 250 Bandwidth = 0.08482

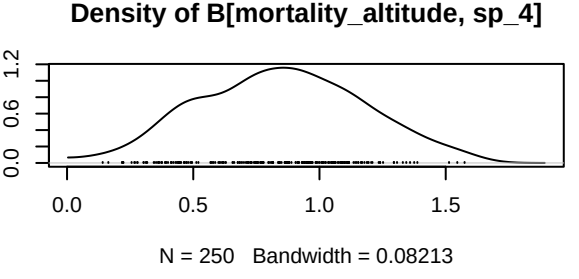

Trace of B[mortality_altitude, sp_2]
0.0
1.0
2.0
300
400
500
600
700
Iterations

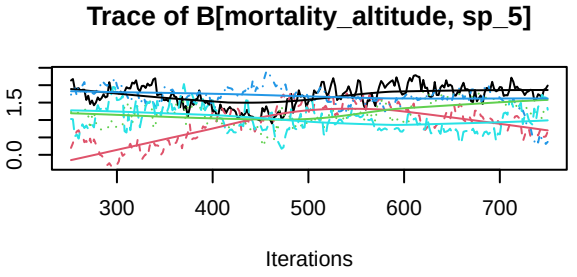

Density of B[mortality_altitude, sp_2]
0.0
0.8
0.0
0.5
1.0
1.5
2.0
N = 250 Bandwidth = 0.07789

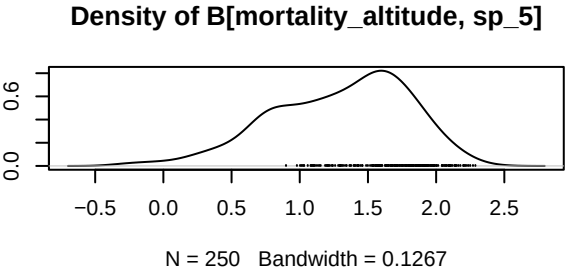

Trace of B[mortality_altitude, sp_3]
−1.0
1.0
300
400
500
600
700
Iterations

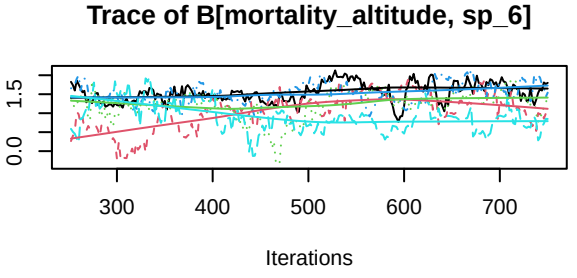

Density of B[mortality_altitude, sp_3]
0.0
0.6
−1
0
1
2
N = 250 Bandwidth = 0.1127

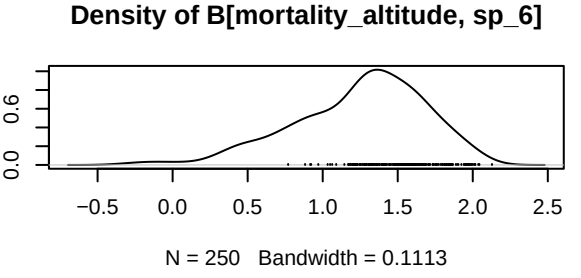

Trace of B[mortality_altitude, sp_4]
0.0
1.0
300
400
500
600
700
Iterations

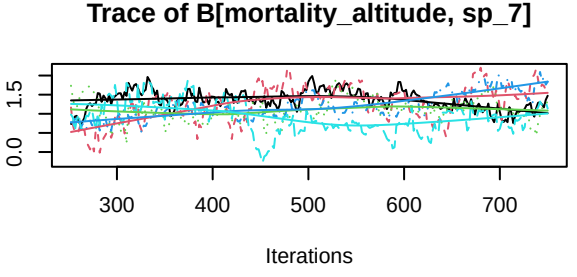

Density of B[mortality_altitude, sp_4]
0.0
0.6
1.2
0.0
0.5
1.0
1.5
N = 250 Bandwidth = 0.08213

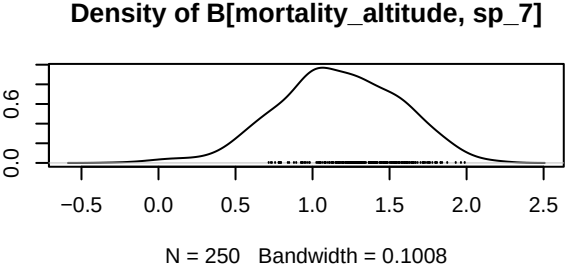

Trace of B[mortality_altitude, sp_5]
0.0
1.5
300
400
500
600
700
Iterations

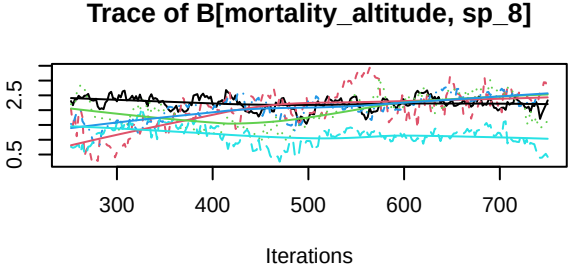

Density of B[mortality_altitude, sp_5]
0.0
0.6
−0.5
0.0
0.5
1.0
1.5
2.0
2.5
N = 250 Bandwidth = 0.1267

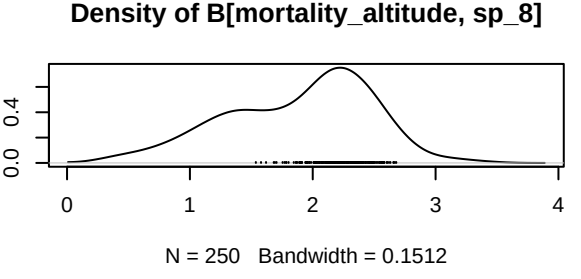

Trace of B[mortality_altitude, sp_6]
0.0
1.5
300
400
500
600
700
Iterations

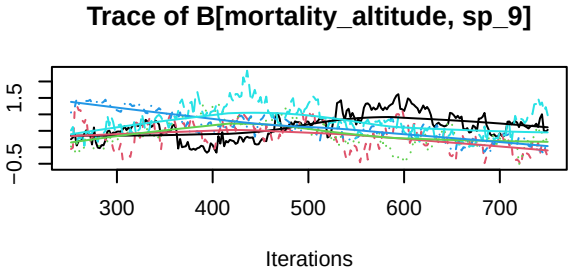

Density of B[mortality_altitude, sp_6]
0.0
0.6
−0.5
0.0
0.5
1.0
1.5
2.0
2.5
N = 250 Bandwidth = 0.1113

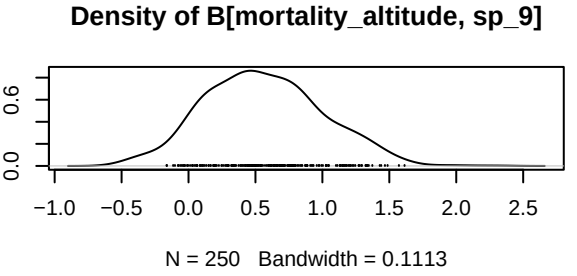

Trace of B[mortality_altitude, sp_7]
0.0
1.5
300
400
500
600
700
Iterations

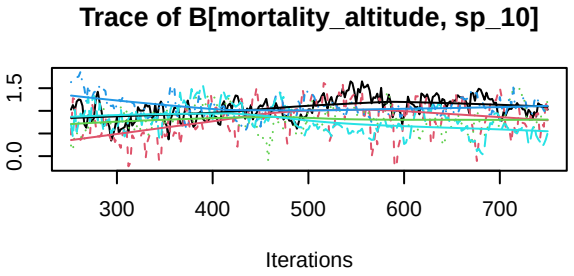

Density of B[mortality_altitude, sp_7]
0.0
0.6
−0.5
0.0
0.5
1.0
1.5
2.0
2.5
N = 250 Bandwidth = 0.1008

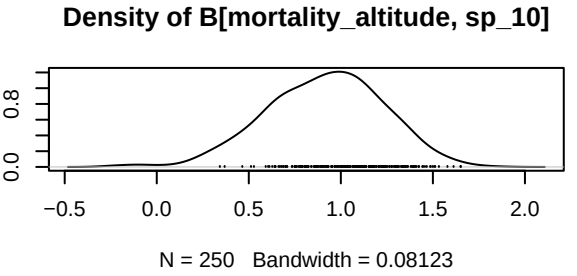

Trace of B[mortality_altitude, sp_8]
0.5
2.5
300
400
500
600
700
Iterations

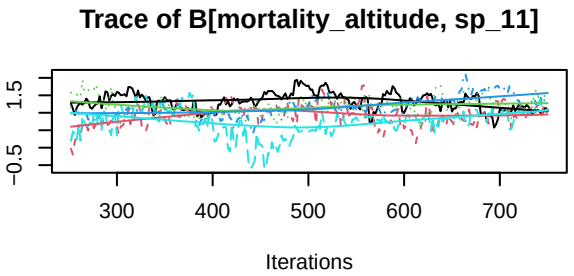

Density of B[mortality_altitude, sp_8]
0.0
0.4
0
1
2
3
4
N = 250 Bandwidth = 0.1512

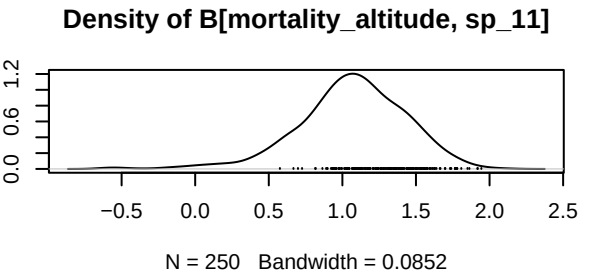

Trace of B[mortality_altitude, sp_9]
−0.5
1.5
300
400
500
600
700
Iterations

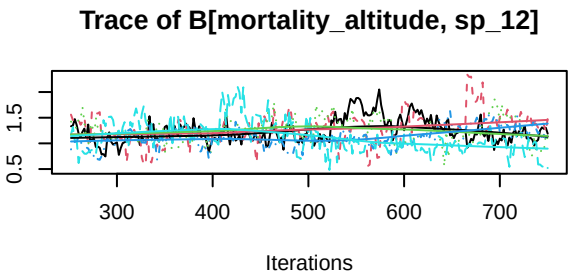

Density of B[mortality_altitude, sp_9]
0.0
0.6
−1.0
−0.5
0.0
0.5
1.0
1.5
2.0
2.5
N = 250 Bandwidth = 0.1113

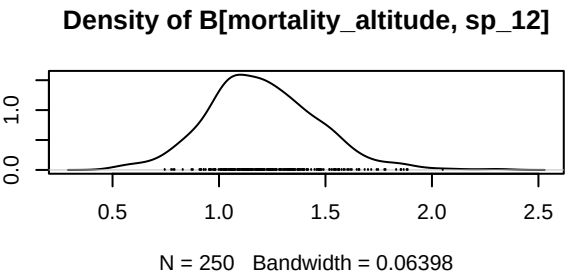

Trace of B[mortality_altitude, sp_10]
0.0
1.5
300
400
500
600
700
Iterations

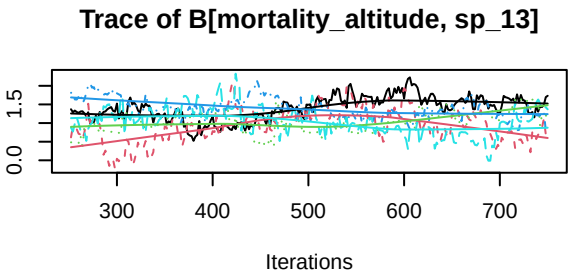

Density of B[mortality_altitude, sp_10]
0.0
0.8
−0.5
0.0
0.5
1.0
1.5
2.0
N = 250 Bandwidth = 0.08123

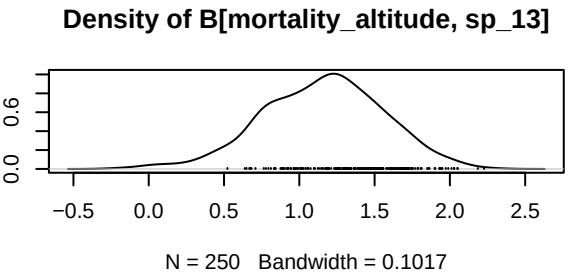

Trace of B[mortality_altitude, sp_11]
−0.5
1.5
300
400
500
600
700
Iterations

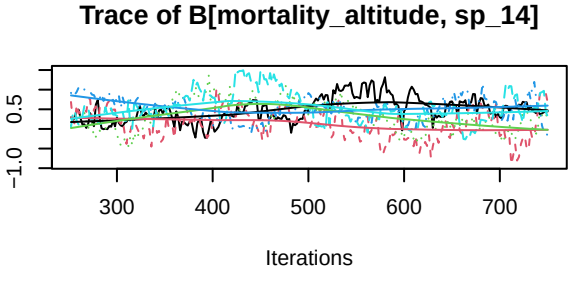

Density of B[mortality_altitude, sp_11]
0.0
0.6
1.2
−0.5
0.0
0.5
1.0
1.5
2.0
2.5
N = 250 Bandwidth = 0.0852

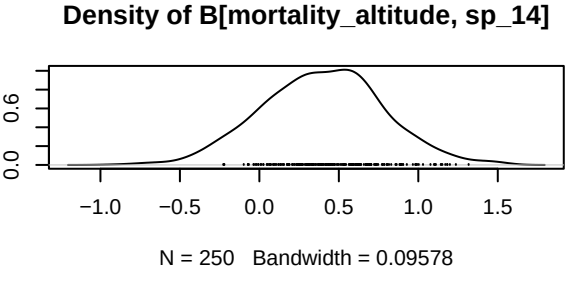

Trace of B[mortality_altitude, sp_12]
0.5
1.5
300
400
500
600
700
Iterations

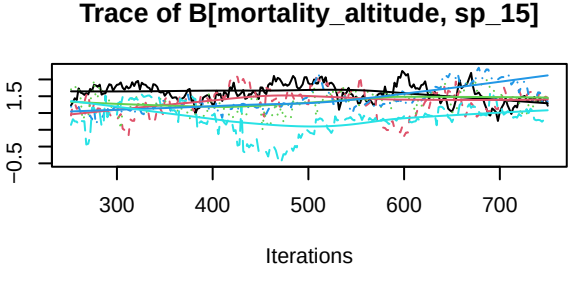

Density of B[mortality_altitude, sp_12]
0.0
1.0
0.5
1.0
1.5
2.0
2.5
N = 250 Bandwidth = 0.06398

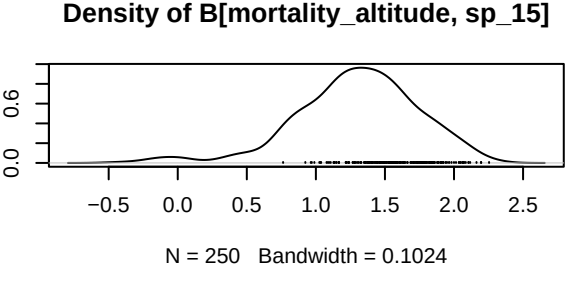

Trace of B[mortality_altitude, sp_13]
0.0
1.5
300
400
500
600
700
Iterations

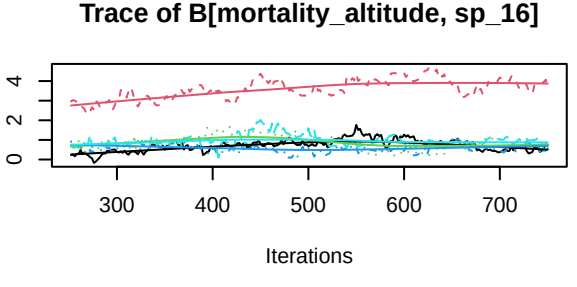

Density of B[mortality_altitude, sp_13]
0.0
0.6
−0.5
0.0
0.5
1.0
1.5
2.0
2.5
N = 250 Bandwidth = 0.1017

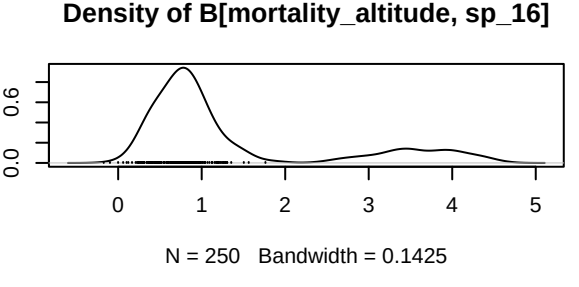

Trace of B[mortality_altitude, sp_14]
−1.0
0.5
300
400
500
600
700
Iterations

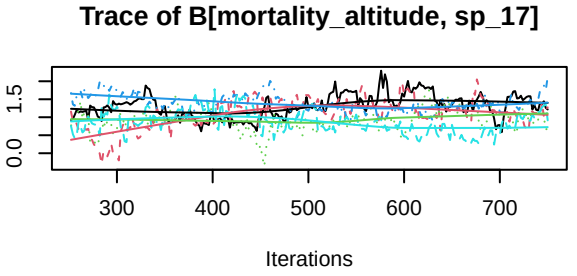

Density of B[mortality_altitude, sp_14]
0.0
0.6
−1.0
−0.5
0.0
0.5
1.0
1.5
N = 250 Bandwidth = 0.09578

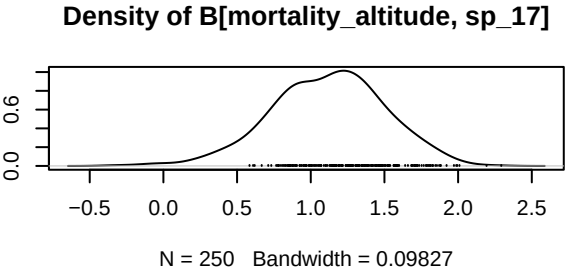

Trace of B[mortality_altitude, sp_15]
−0.5
1.5
300
400
500
600
700
Iterations

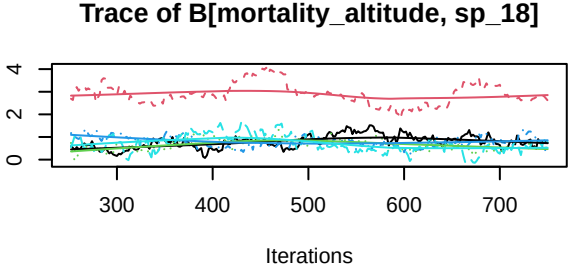

Density of B[mortality_altitude, sp_15]
0.0
0.6
−0.5
0.0
0.5
1.0
1.5
2.0
2.5
N = 250 Bandwidth = 0.1024

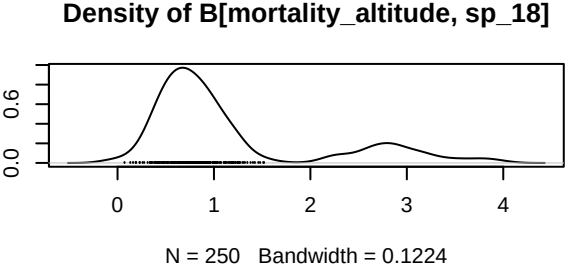

Trace of B[mortality_altitude, sp_16]
0
2
4
300
400
500
600
700
Iterations

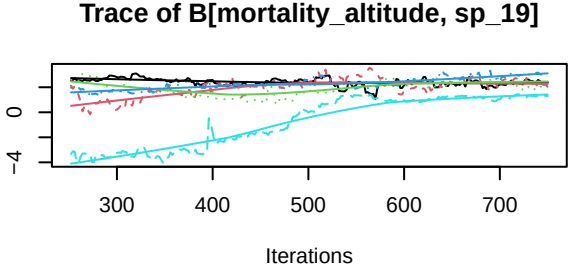

Density of B[mortality_altitude, sp_16]
0.0
0.6
0
1
2
3
4
5
N = 250 Bandwidth = 0.1425

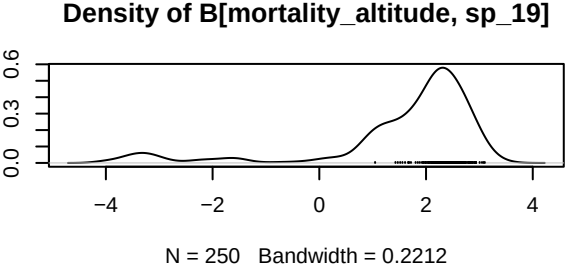

Trace of B[mortality_altitude, sp_17]
0.0
1.5
300
400
500
600
700
Iterations

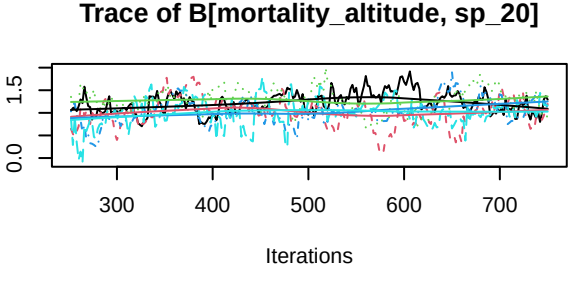

Density of B[mortality_altitude, sp_17]
0.0
0.6
−0.5
0.0
0.5
1.0
1.5
2.0
2.5
N = 250 Bandwidth = 0.09827

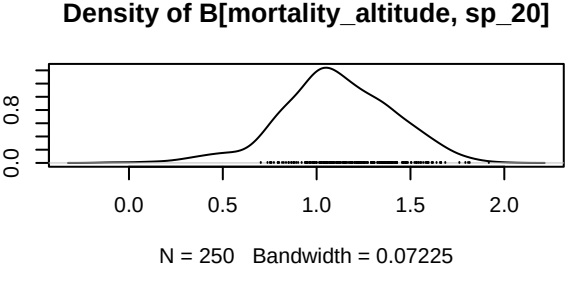

Trace of B[mortality_altitude, sp_18]
0
2
4
300
400
500
600
700
Iterations

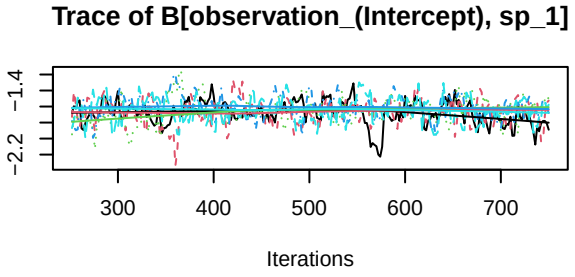

Density of B[mortality_altitude, sp_18]
0.0
0.6
0
1
2
3
4
N = 250 Bandwidth = 0.1224

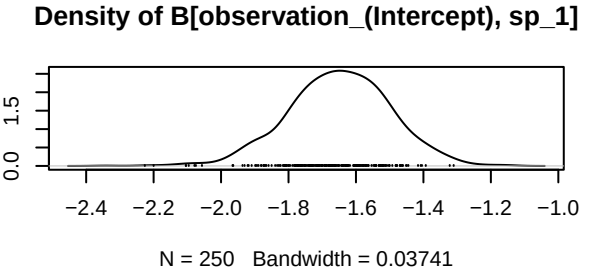

Trace of B[mortality_altitude, sp_19]
−4
0
300
400
500
600
700
Iterations

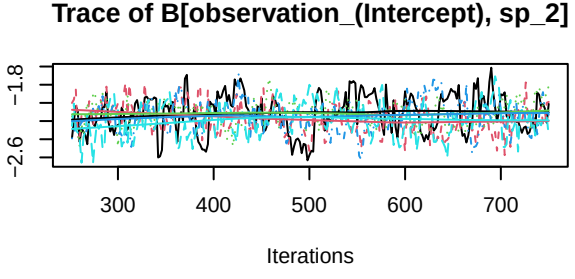

Density of B[mortality_altitude, sp_19]
0.0
0.3
0.6
−4
−2
0
2
4
N = 250 Bandwidth = 0.2212

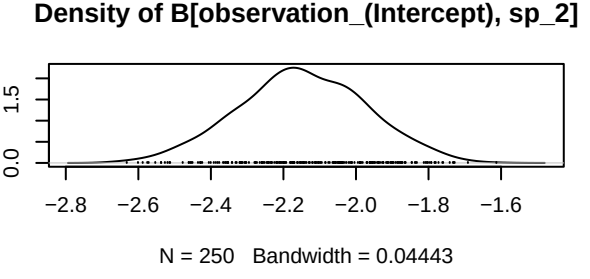

Trace of B[mortality_altitude, sp_20]
0.0
1.5
300
400
500
600
700
Iterations

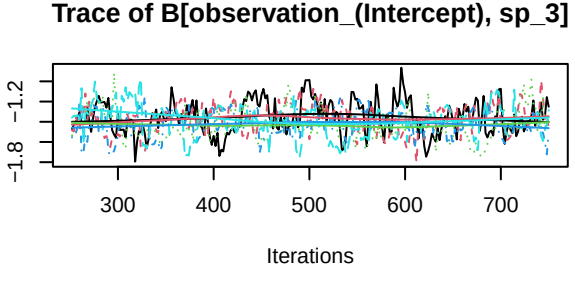

Density of B[mortality_altitude, sp_20]
0.0
0.8
0.0
0.5
1.0
1.5
2.0
N = 250 Bandwidth = 0.07225

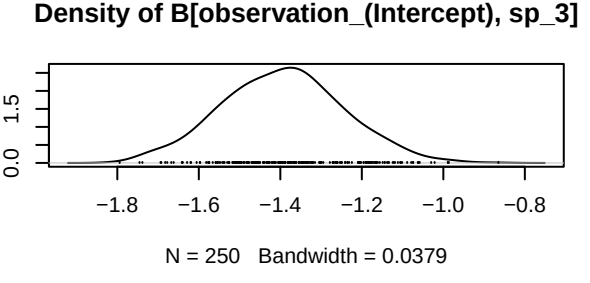

Trace of B[observation_(Intercept), sp_1]
−1.4
−2.2
300
400
500
600
700
Iterations

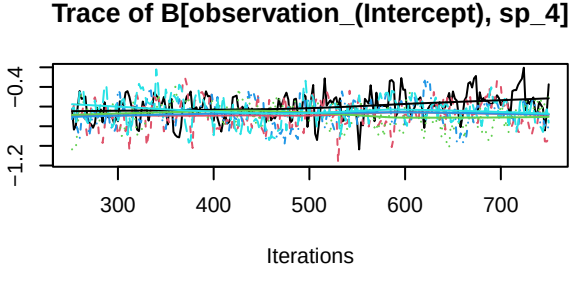

Density of B[observation_(Intercept), sp_1]
1.5
0.0
−2.4
−2.2
−2.0
−1.8
−1.6
−1.4
−1.2
−1.0
N = 250 Bandwidth = 0.03741

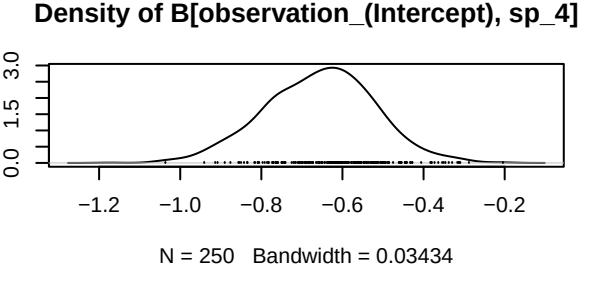

Trace of B[observation_(Intercept), sp_2]
−1.8
−2.6
300
400
500
600
700
Iterations

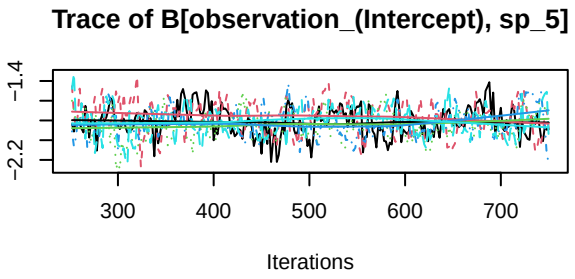

Density of B[observation_(Intercept), sp_2]
1.5
0.0
−2.8
−2.6
−2.4
−2.2
−2.0
−1.8
−1.6
N = 250 Bandwidth = 0.04443

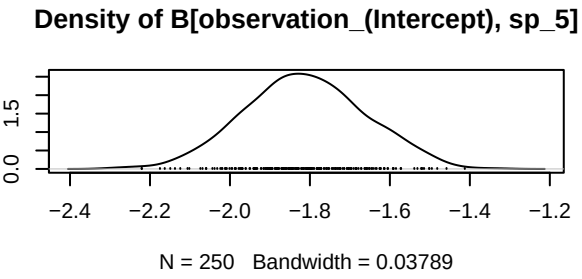

Trace of B[observation_(Intercept), sp_3]
−1.2
−1.8
300
400
500
600
700
Iterations

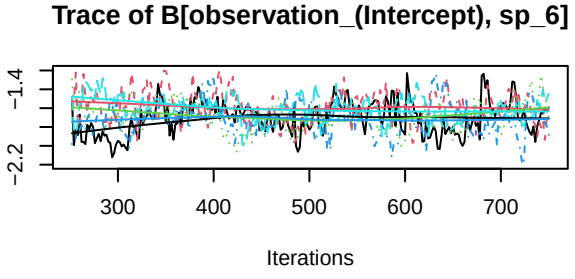

Density of B[observation_(Intercept), sp_3]
1.5
0.0
−1.8
−1.6
−1.4
−1.2
−1.0
−0.8
N = 250 Bandwidth = 0.0379

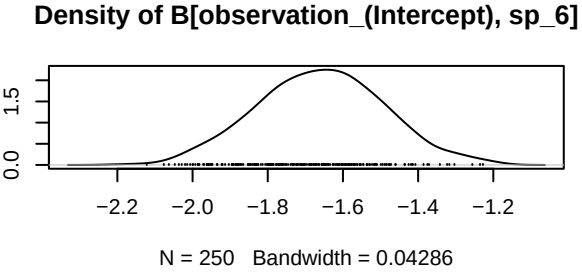

Trace of B[observation_(Intercept), sp_4]
−0.4
−1.2
300
400
500
600
700
Iterations

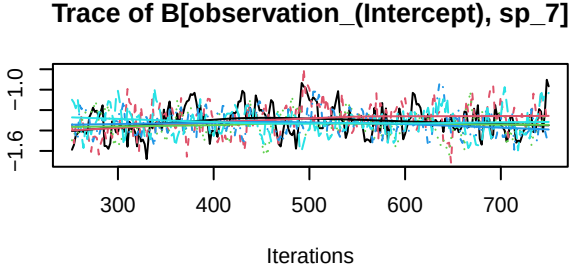

Density of B[observation_(Intercept), sp_4]
3.0
1.5
0.0
−1.2
−1.0
−0.8
−0.6
−0.4
−0.2
N = 250 Bandwidth = 0.03434

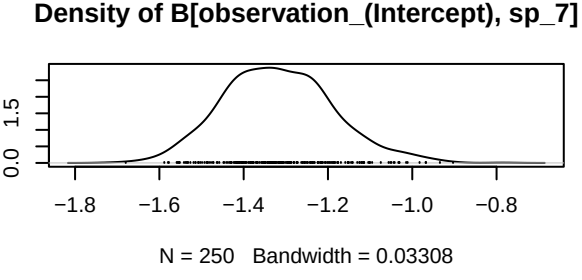

Trace of B[observation_(Intercept), sp_5]
−1.4
−2.2
300
400
500
600
700
Iterations

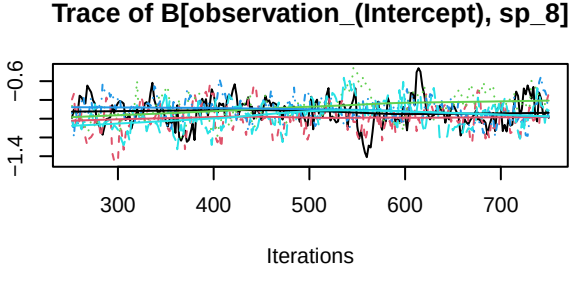

Density of B[observation_(Intercept), sp_5]
1.5
0.0
−2.4
−2.2
−2.0
−1.8
−1.6
−1.4
−1.2
N = 250 Bandwidth = 0.03789

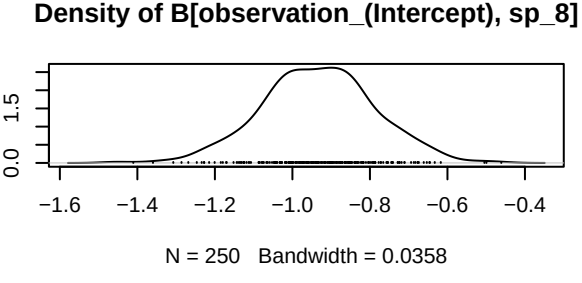

Trace of B[observation_(Intercept), sp_6]
−1.4
−2.2
300
400
500
600
700
Iterations

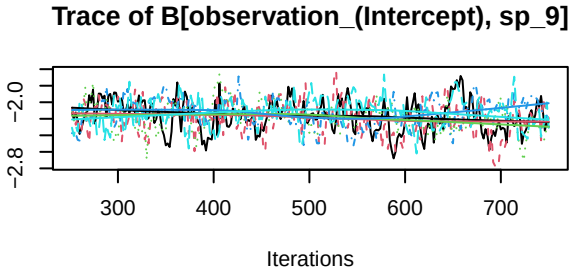

Density of B[observation_(Intercept), sp_6]
1.5
0.0
−2.2
−2.0
−1.8
−1.6
−1.4
−1.2
N = 250 Bandwidth = 0.04286

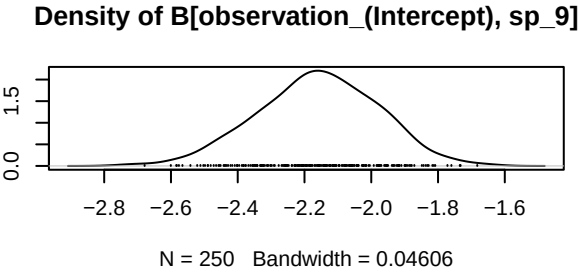

Trace of B[observation_(Intercept), sp_7]
−1.0
−1.6
300
400
500
600
700
Iterations

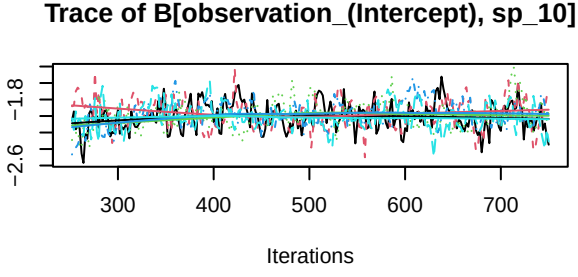

Density of B[observation_(Intercept), sp_7]
1.5
0.0
−1.8
−1.6
−1.4
−1.2
−1.0
−0.8
N = 250 Bandwidth = 0.03308

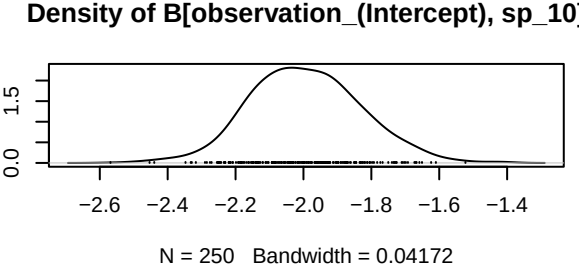

Trace of B[observation_(Intercept), sp_8]
−0.6
−1.4
300
400
500
600
700
Iterations

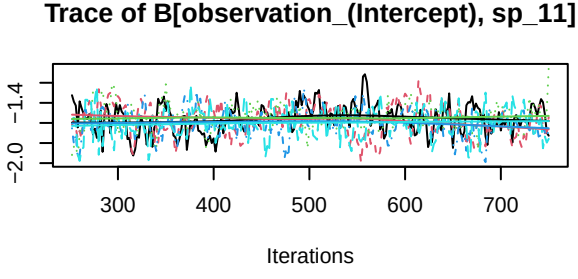

Density of B[observation_(Intercept), sp_8]
1.5
0.0
−1.6
−1.4
−1.2
−1.0
−0.8
−0.6
−0.4
N = 250 Bandwidth = 0.0358

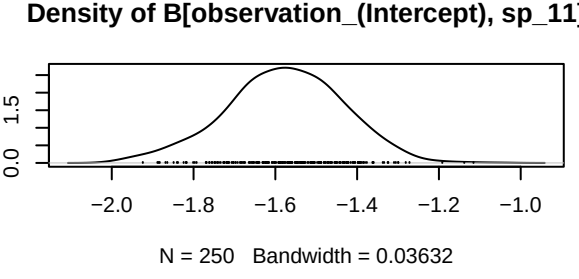

Trace of B[observation_(Intercept), sp_9]
−2.8
−2.0
300
400
500
600
700
Iterations

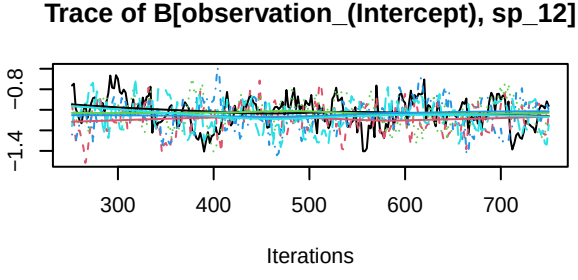

Density of B[observation_(Intercept), sp_9]
0.0
1.5
−2.8
−2.6
−2.4
−2.2
−2.0
−1.8
−1.6
N = 250 Bandwidth = 0.04606

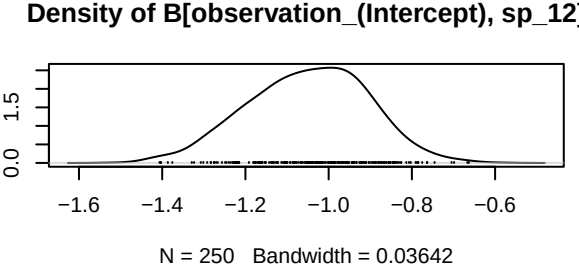

Trace of B[observation_(Intercept), sp_10]
−2.6
−1.8
300
400
500
600
700
Iterations

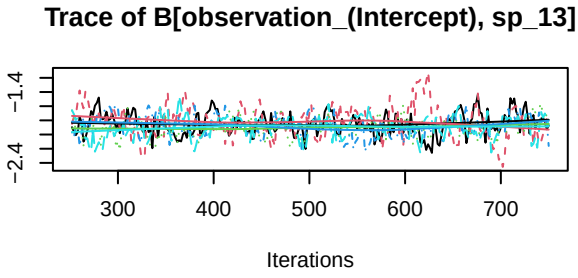

Density of B[observation_(Intercept), sp_10]
0.0
1.5
−2.6
−2.4
−2.2
−2.0
−1.8
−1.6
−1.4
N = 250 Bandwidth = 0.04172

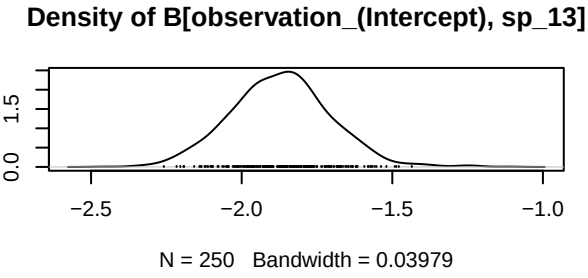

Trace of B[observation_(Intercept), sp_11]
−2.0
−1.4
300
400
500
600
700
Iterations

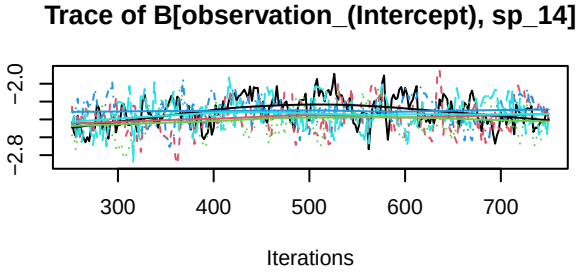

Density of B[observation_(Intercept), sp_11]
0.0
1.5
−2.0
−1.8
−1.6
−1.4
−1.2
−1.0
N = 250 Bandwidth = 0.03632

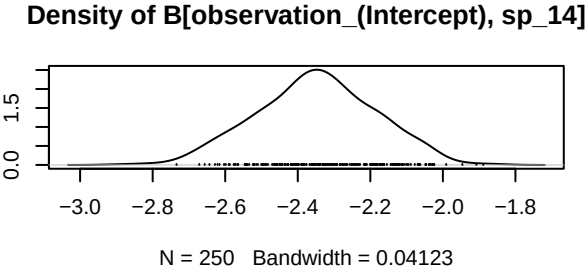

Trace of B[observation_(Intercept), sp_12]
−1.4
−0.8
300
400
500
600
700
Iterations

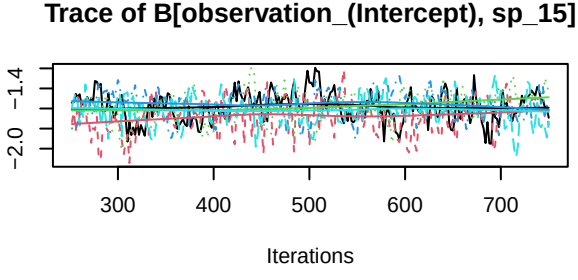

Density of B[observation_(Intercept), sp_12]
0.0
1.5
−1.6
−1.4
−1.2
−1.0
−0.8
−0.6
N = 250 Bandwidth = 0.03642

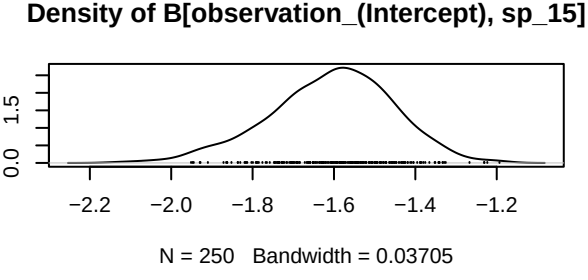

Trace of B[observation_(Intercept), sp_13]
−1.4
−2.4
300
400
500
600
700
Iterations

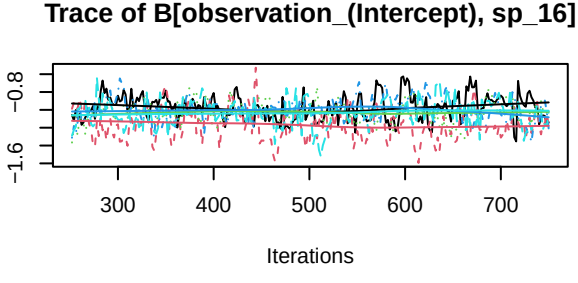

Density of B[observation_(Intercept), sp_13]
1.5
0.0
−2.5
−2.0
−1.5
−1.0
N = 250 Bandwidth = 0.03979

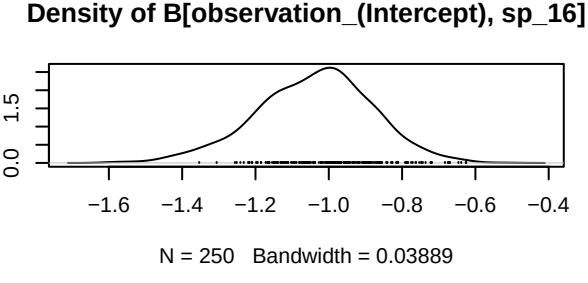

Trace of B[observation_(Intercept), sp_14]
−2.0
−2.8
300
400
500
600
700
Iterations

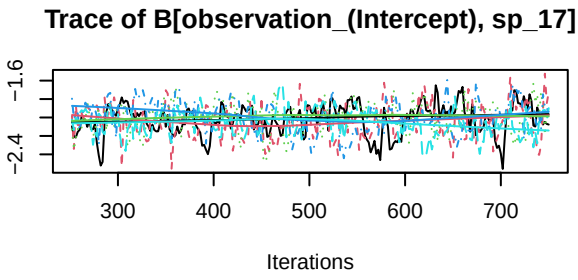

Density of B[observation_(Intercept), sp_14]
1.5
0.0
−3.0
−2.8
−2.6
−2.4
−2.2
−2.0
−1.8
N = 250 Bandwidth = 0.04123

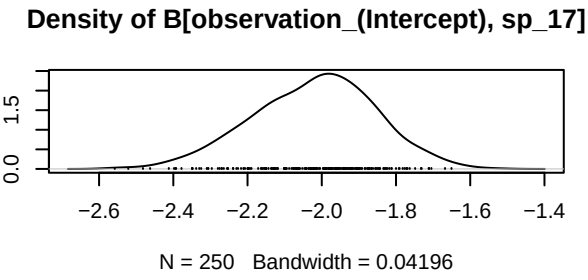

Trace of B[observation_(Intercept), sp_15]
−1.4
−2.0
300
400
500
600
700
Iterations

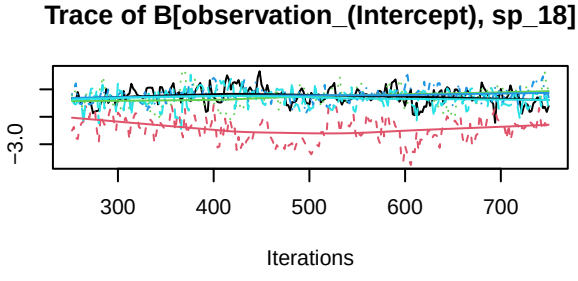

Density of B[observation_(Intercept), sp_15]
1.5
0.0
−2.2
−2.0
−1.8
−1.6
−1.4
−1.2
N = 250 Bandwidth = 0.03705

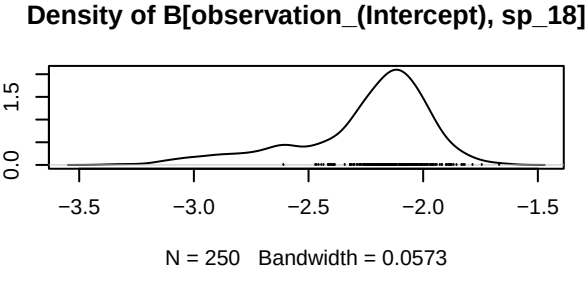

Trace of B[observation_(Intercept), sp_16]
−0.8
−1.6
300
400
500
600
700
Iterations

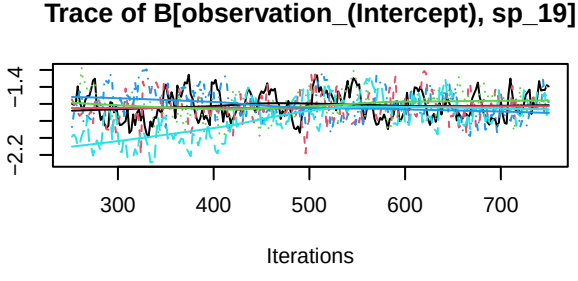

Density of B[observation_(Intercept), sp_16]
1.5
0.0
−1.6
−1.4
−1.2
−1.0
−0.8
−0.6
−0.4
N = 250 Bandwidth = 0.03889

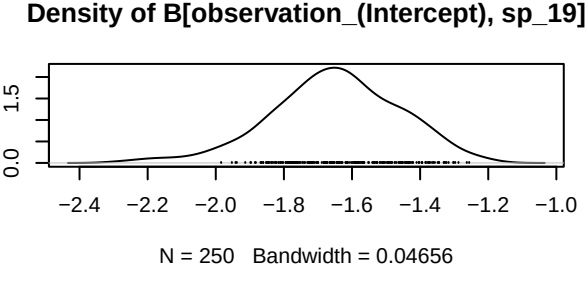

Trace of B[observation_(Intercept), sp_17]
−1.6
−2.4
300
400
500
600
700
Iterations

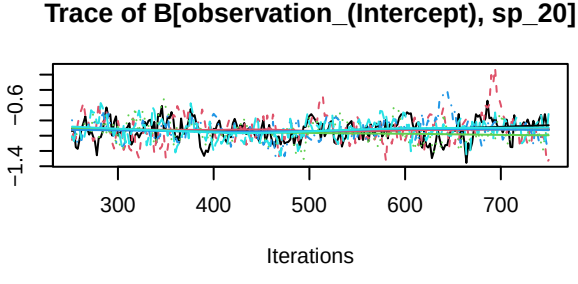

Density of B[observation_(Intercept), sp_17]
1.5
0.0
−2.6
−2.4
−2.2
−2.0
−1.8
−1.6
−1.4
N = 250 Bandwidth = 0.04196

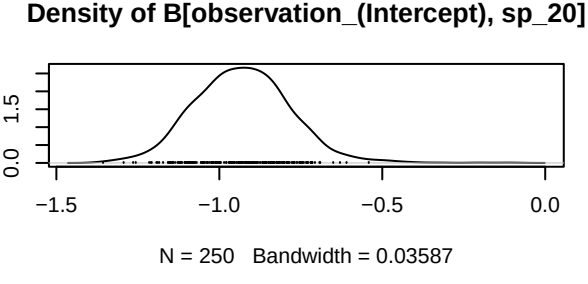

Trace of B[observation_(Intercept), sp_18]
−3.0
300
400
500
600
700
Iterations

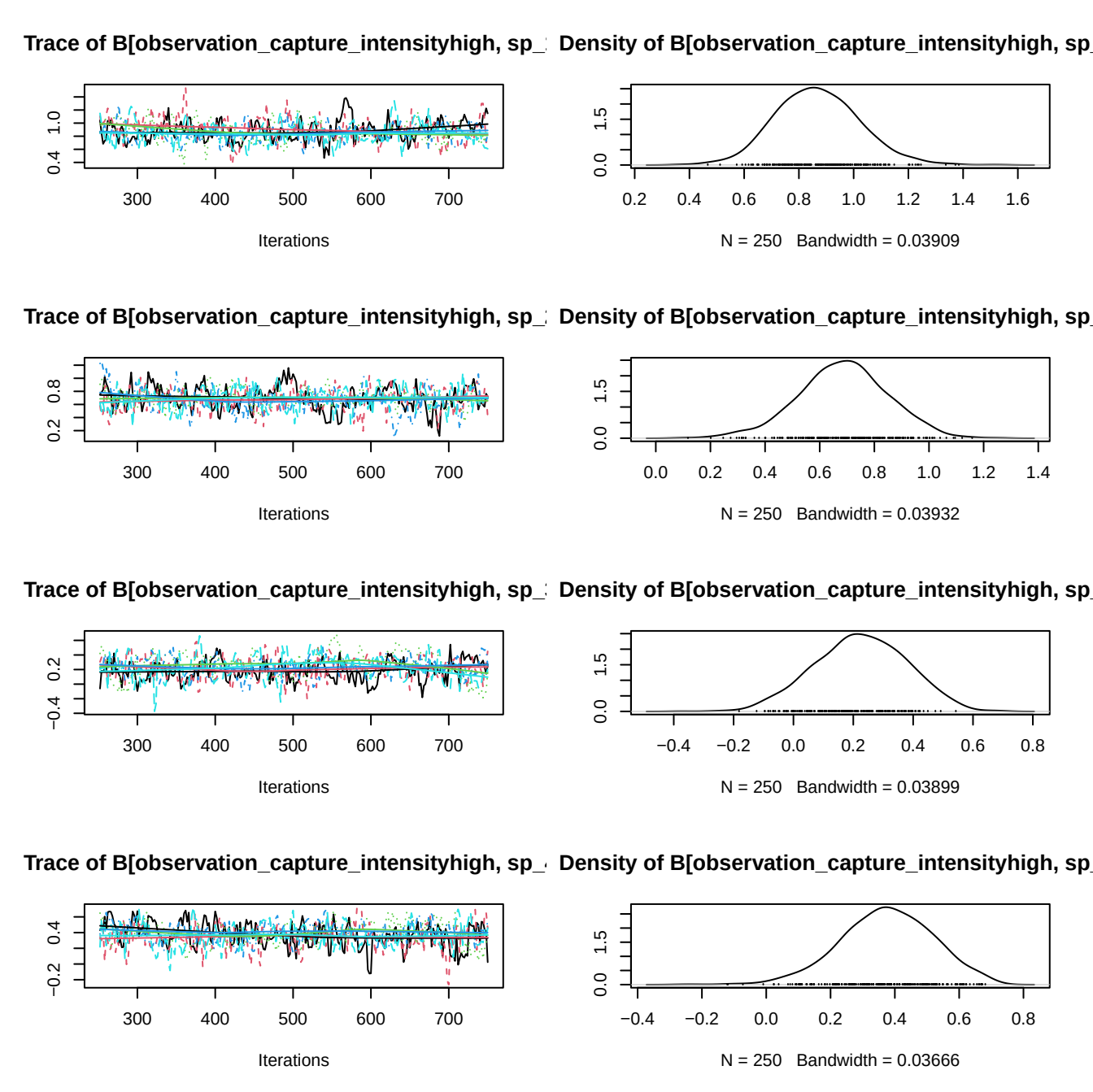

Density of B[observation_(Intercept), sp_18]
1.5
0.0
−3.5
−3.0
−2.5
−2.0
−1.5
N = 250 Bandwidth = 0.0573

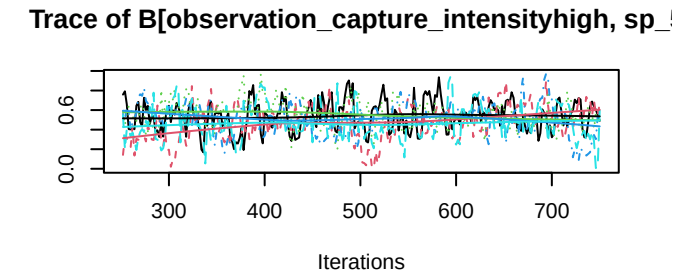

Trace of B[observation_(Intercept), sp_19]
−1.4
−2.2
300
400
500
600
700
Iterations

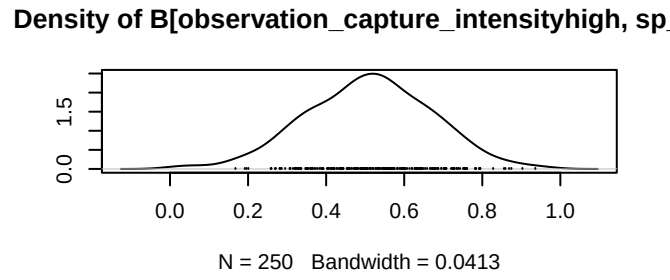

Density of B[observation_(Intercept), sp_19]
1.5
0.0
−2.4
−2.2
−2.0
−1.8
−1.6
−1.4
−1.2
−1.0
N = 250 Bandwidth = 0.04656

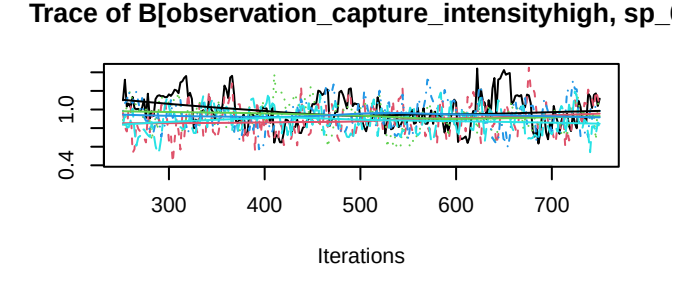

Trace of B[observation_(Intercept), sp_20]
−0.6
−1.4
300
400
500
600
700
Iterations

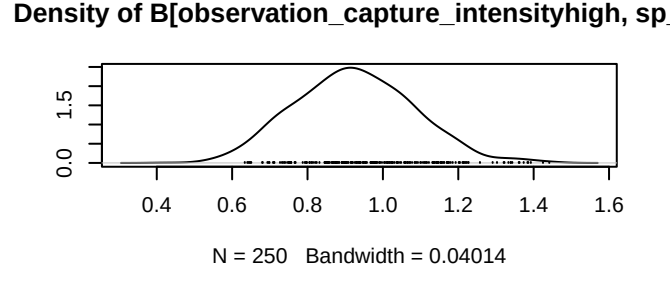

Density of B[observation_(Intercept), sp_20]
1.5
0.0
−1.5
−1.0
−0.5
0.0
N = 250 Bandwidth = 0.03587

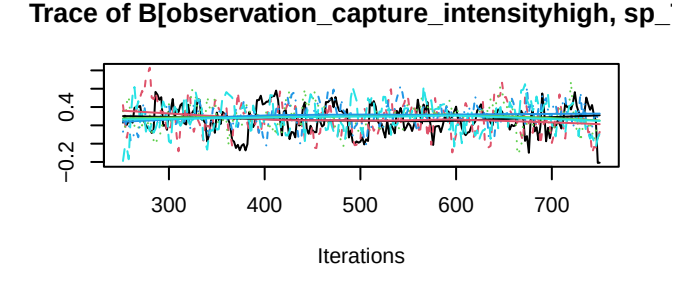

Trace of B[observation_capture_intensityhigh, sp_
Density of B[observation_capture_intensityhigh, sp
0.4
1.0
300
400
500
600
700
Iterations
0.0
1.5
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
N = 250 Bandwidth = 0.03909
Trace of B[observation_capture_intensityhigh, sp_
Density of B[observation_capture_intensityhigh, sp
0.2
0.8
300
400
500
600
700
Iterations
0.0
1.5
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
N = 250 Bandwidth = 0.03932
Trace of B[observation_capture_intensityhigh, sp_
Density of B[observation_capture_intensityhigh, sp
−0.4
0.2
300
400
500
600
700
Iterations
0.0
1.5
−0.4
−0.2
0.0
0.2
0.4
0.6
0.8
N = 250 Bandwidth = 0.03899
Trace of B[observation_capture_intensityhigh, sp_
Density of B[observation_capture_intensityhigh, sp
−0.2
0.4
300
400
500
600
700
Iterations
0.0
1.5
−0.4
−0.2
0.0
0.2
0.4
0.6
0.8
N = 250 Bandwidth = 0.03666

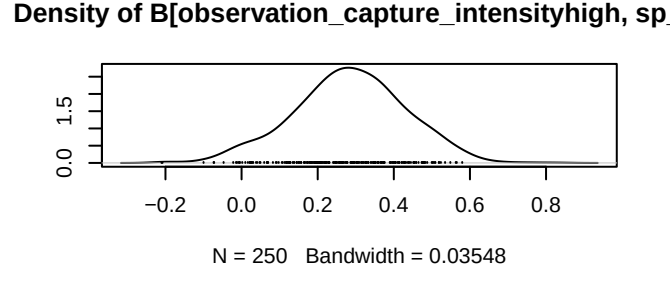

Trace of B[observation_capture_intensityhigh, sp_
0.0
0.6
300
400
500
600
700
Iterations

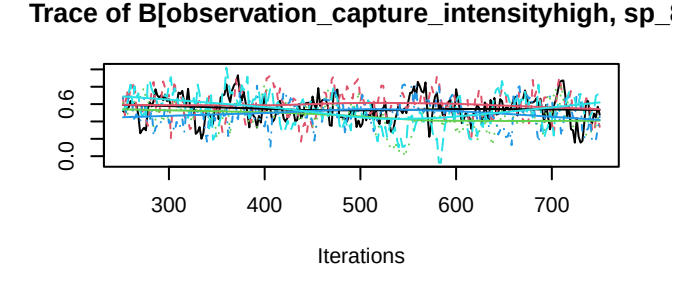

Density of B[observation_capture_intensityhigh, sp
0.0
1.5
0.0
0.2
0.4
0.6
0.8
1.0
N = 250 Bandwidth = 0.0413

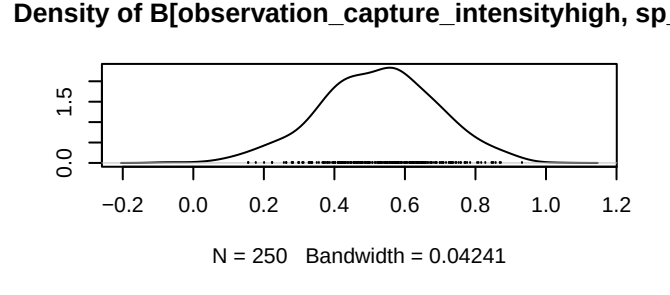

Trace of B[observation_capture_intensityhigh, sp_
0.4
1.0
300
400
500
600
700
Iterations

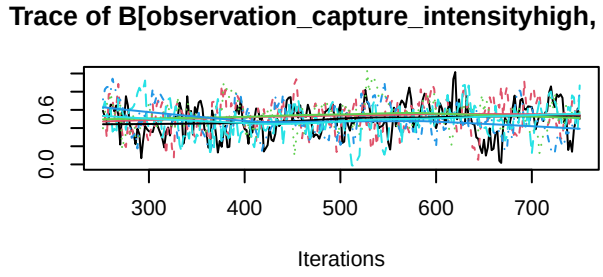

Density of B[observation_capture_intensityhigh, sp
0.0
1.5
0.4
0.6
0.8
1.0
1.2
1.4
1.6
N = 250 Bandwidth = 0.04014

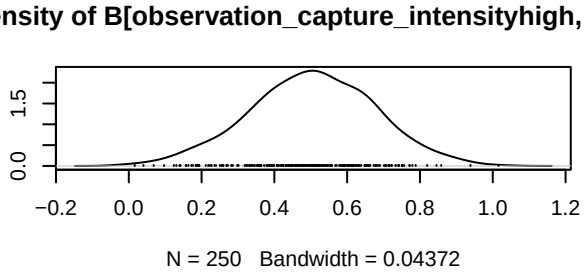

Trace of B[observation_capture_intensityhigh, sp_
−0.2
0.4
300
400
500
600
700
Iterations

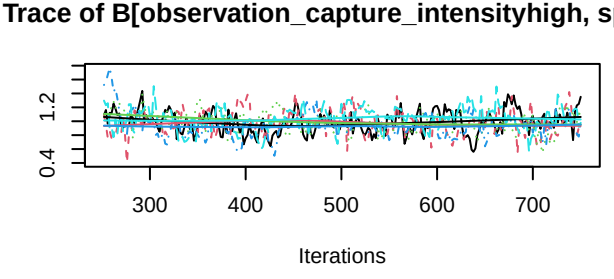

Density of B[observation_capture_intensityhigh, sp
0.0
1.5
−0.2
0.0
0.2
0.4
0.6
0.8
N = 250 Bandwidth = 0.03548

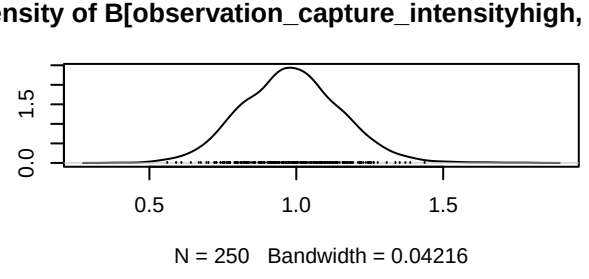

Trace of B[observation_capture_intensityhigh, sp_
0.0
0.6
300
400
500
600
700
Iterations

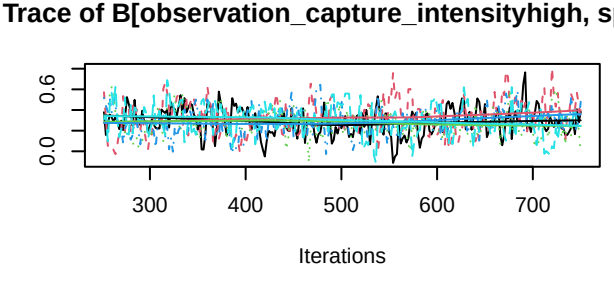

Density of B[observation_capture_intensityhigh, sp
0.0
1.5
−0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
N = 250 Bandwidth = 0.04241

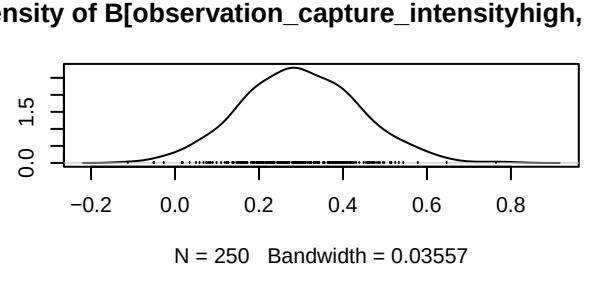

Trace of B[observation_capture_intensityhigh, sp_
0.0
0.6
300
400
500
600
700
Iterations

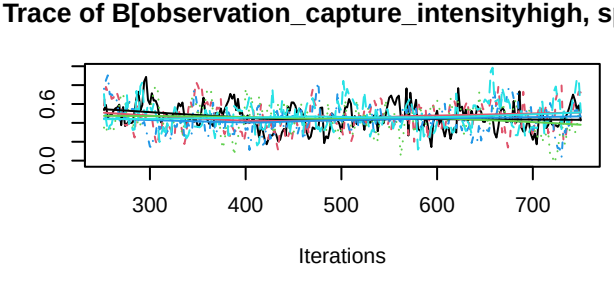

Density of B[observation_capture_intensityhigh, sp
0.0
1.5
−0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
N = 250 Bandwidth = 0.04372

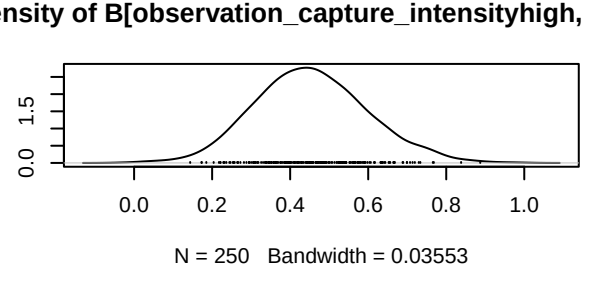

Trace of B[observation_capture_intensityhigh, sp_1
0.4
1.2
300
400
500
600
700
Iterations

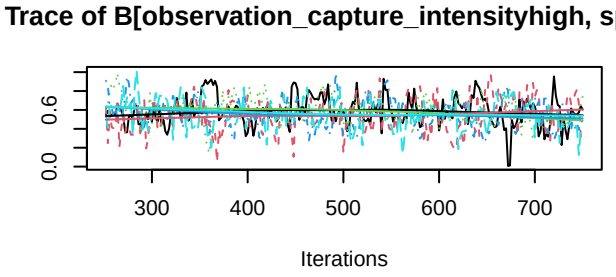

Density of B[observation_capture_intensityhigh, sp
0.0
1.5
0.5
1.0
1.5
N = 250 Bandwidth = 0.04216

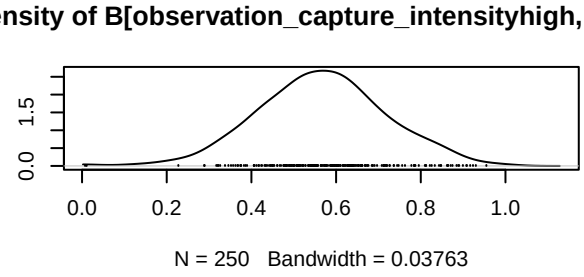

Trace of B[observation_capture_intensityhigh, sp_1
0.0
0.6
300
400
500
600
700
Iterations

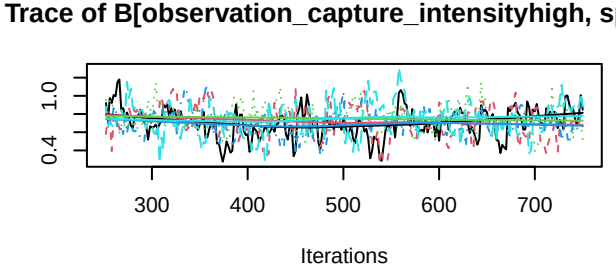

Density of B[observation_capture_intensityhigh, sp
0.0
1.5
−0.2
0.0
0.2
0.4
0.6
0.8
N = 250 Bandwidth = 0.03557

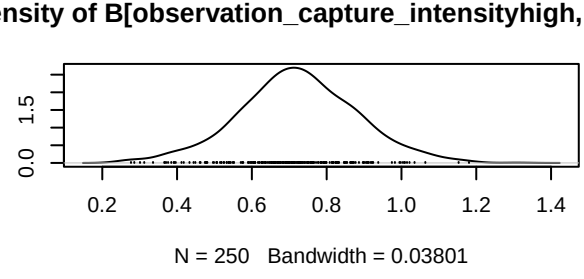

Trace of B[observation_capture_intensityhigh, sp_1
0.0
0.6
300
400
500
600
700
Iterations

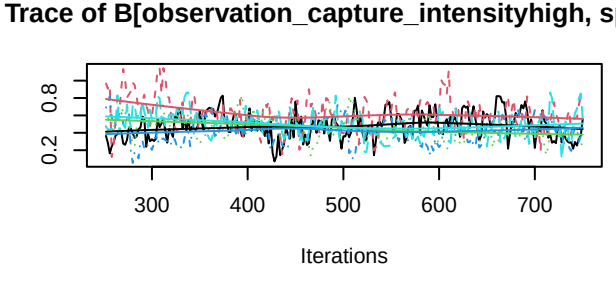

Density of B[observation_capture_intensityhigh, sp
0.0
1.5
0.0
0.2
0.4
0.6
0.8
1.0
N = 250 Bandwidth = 0.03553

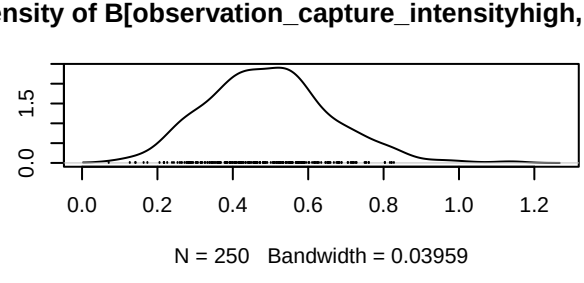

Trace of B[observation_capture_intensityhigh, sp_1
0.0
0.6
300
400
500
600
700
Iterations

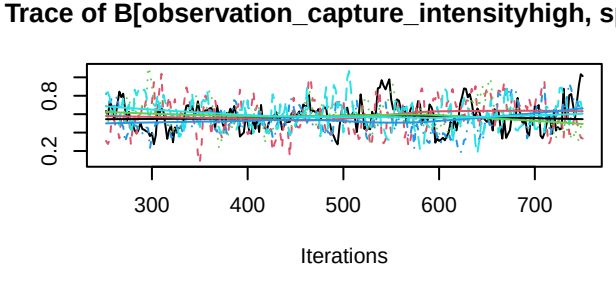

Density of B[observation_capture_intensityhigh, sp_
0.0
1.5
0.0
0.2
0.4
0.6
0.8
1.0
N = 250 Bandwidth = 0.03763

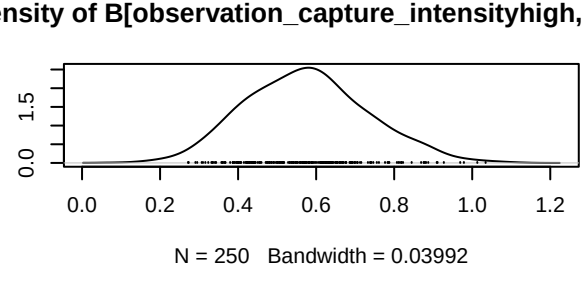

Trace of B[observation_capture_intensityhigh, sp_1
0.4
1.0
300
400
500
600
700
Iterations

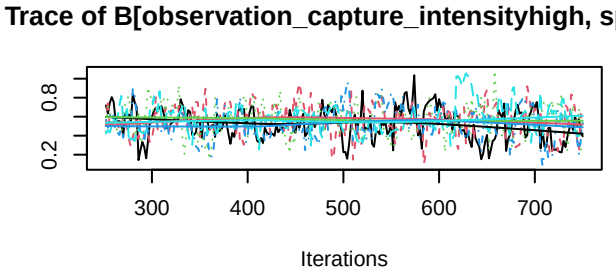

Density of B[observation_capture_intensityhigh, sp_
0.0
1.5
0.2
0.4
0.6
0.8
1.0
1.2
1.4
N = 250 Bandwidth = 0.03801

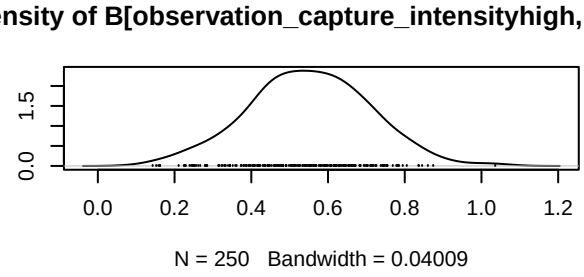

Trace of B[observation_capture_intensityhigh, sp_1
0.2
0.8
300
400
500
600
700
Iterations

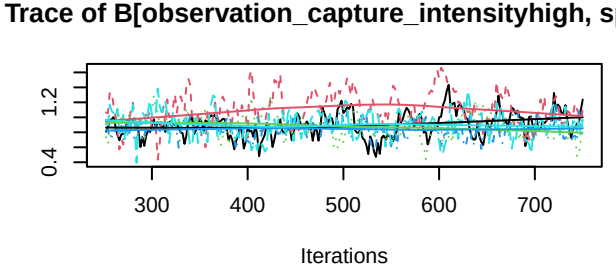

Density of B[observation_capture_intensityhigh, sp_
0.0
1.5
0.0
0.2
0.4
0.6
0.8
1.0
1.2
N = 250 Bandwidth = 0.03959

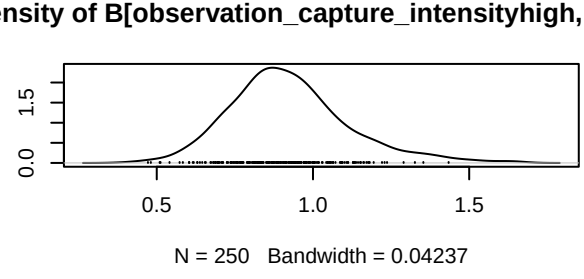

Trace of B[observation_capture_intensityhigh, sp_1
0.2
0.8
300
400
500
600
700
Iterations

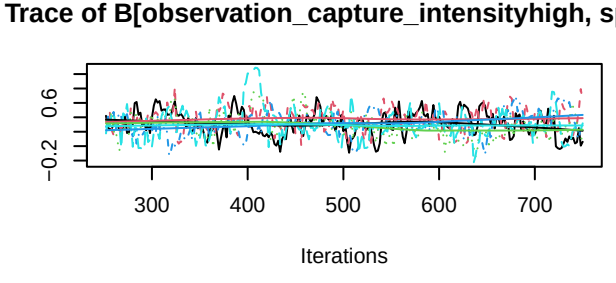

Density of B[observation_capture_intensityhigh, sp_
0.0
1.5
0.0
0.2
0.4
0.6
0.8
1.0
1.2
N = 250 Bandwidth = 0.03992

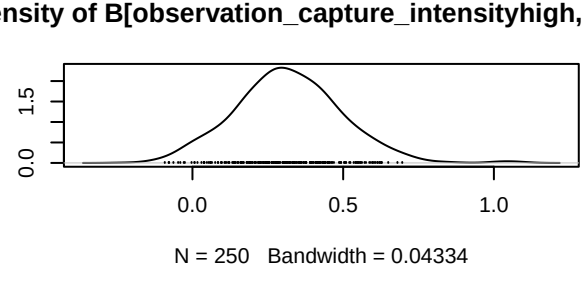

Trace of B[observation_capture_intensityhigh, sp_1
0.2
0.8
300
400
500
600
700
Iterations

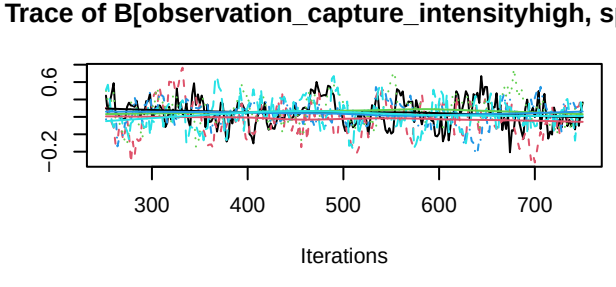

Density of B[observation_capture_intensityhigh, sp_
0.0
1.5
0.0
0.2
0.4
0.6
0.8
1.0
1.2
N = 250 Bandwidth = 0.04009

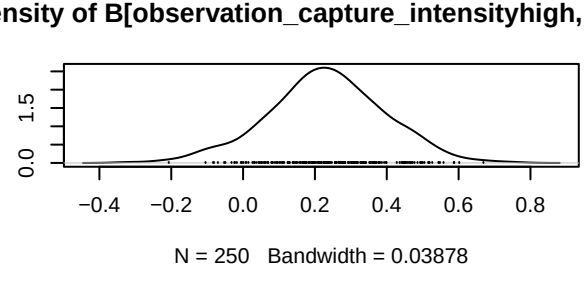

Trace of B[observation_capture_intensityhigh, sp_1
0.4
1.2
300
400
500
600
700
Iterations

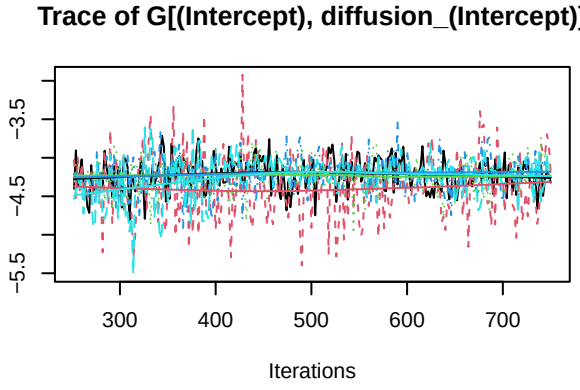

Density of B[observation_capture_intensityhigh, sp_
0.0
1.5
0.5
1.0
1.5
N = 250 Bandwidth = 0.04237

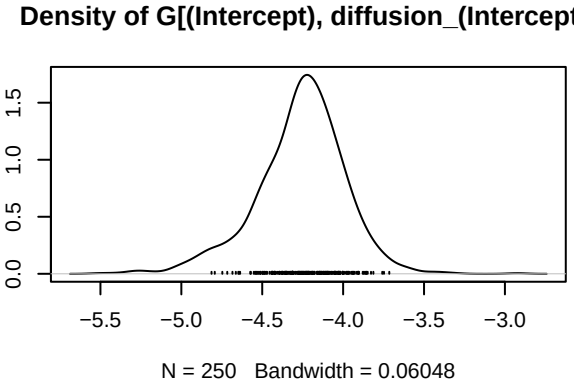

Trace of B[observation_capture_intensityhigh, sp_1
−0.2
0.6
300
400
500
600
700
Iterations

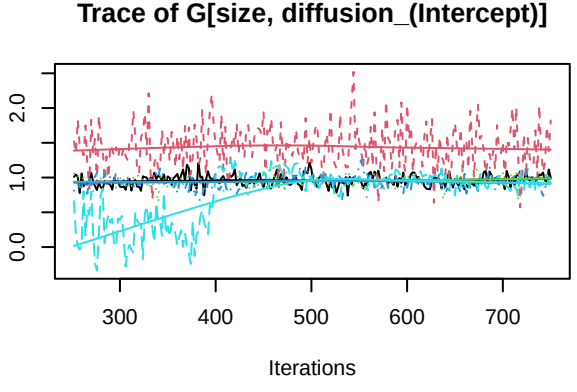

Density of B[observation_capture_intensityhigh, sp_
0.0
1.5
0.0
0.5
1.0
N = 250 Bandwidth = 0.04334

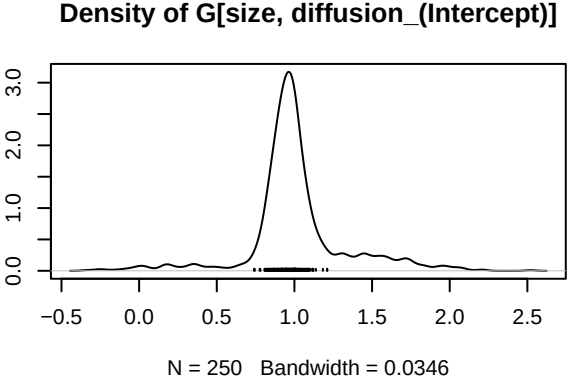

Trace of B[observation_capture_intensityhigh, sp_2
−0.2
0.6
300
400
500
600
700
Iterations

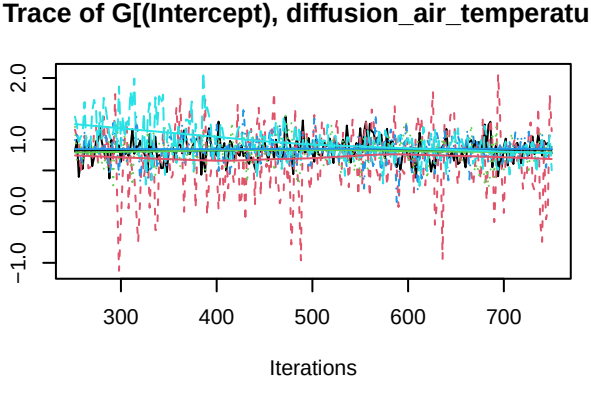

Density of B[observation_capture_intensityhigh, sp_
0.0
1.5
−0.4
−0.2
0.0
0.2
0.4
0.6
0.8
N = 250 Bandwidth = 0.03878

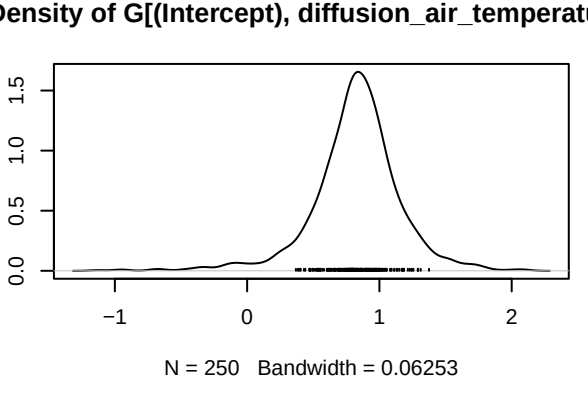

Trace of G[(Intercept), diffusion_(Intercept)]
−3.5
−4.5
−5.5
300
400
500
600
700
Iterations

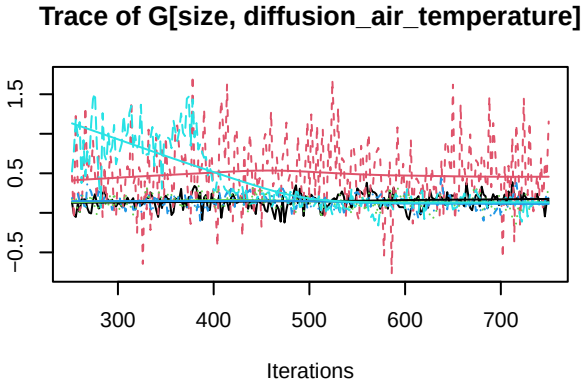

Density of G[(Intercept), diffusion_(Intercept)]
1.5
1.0
0.5
0.0
−5.5
−5.0
−4.5
−4.0
−3.5
−3.0
N = 250 Bandwidth = 0.06048

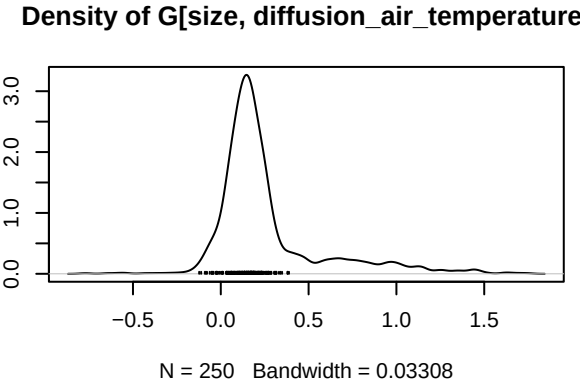

Trace of G[size, diffusion_(Intercept)]
2.0
1.0
0.0
300
400
500
600
700
Iterations

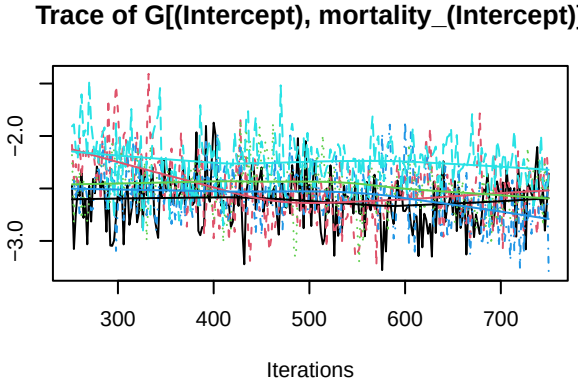

Density of G[size, diffusion_(Intercept)]
3.0
2.0
1.0
0.0
−0.5
0.0
0.5
1.0
1.5
2.0
2.5
N = 250 Bandwidth = 0.0346

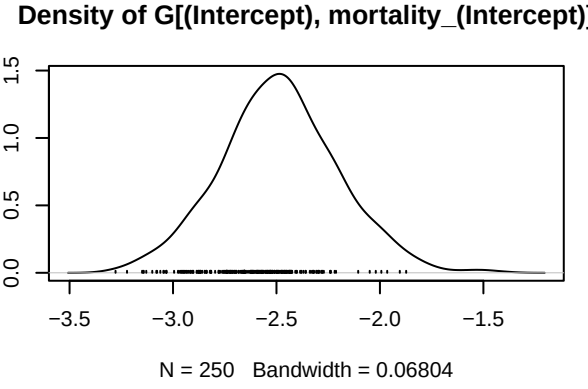

Trace of G[(Intercept), diffusion_air_temperature]
2.0
1.0
0.0
−1.0
300
400
500
600
700
Iterations

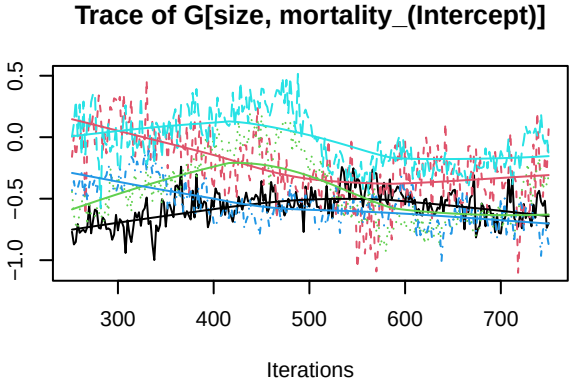

Density of G[(Intercept), diffusion_air_temperature
1.5
1.0
0.5
0.0
−1
0
1
2
N = 250 Bandwidth = 0.06253

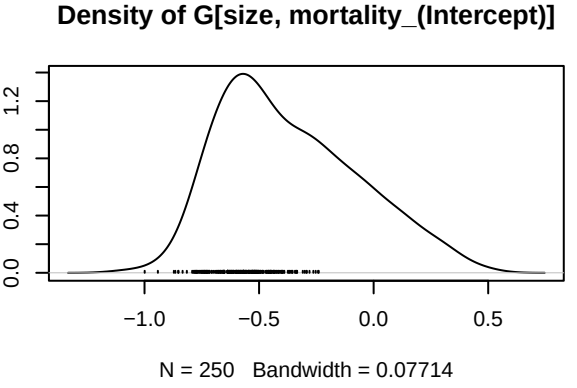

Trace of G[size, diffusion_air_temperature]
1.5
0.5
−0.5
300
400
500
600
700
Iterations

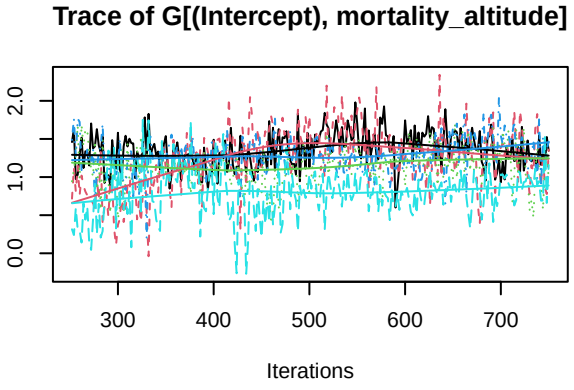

Density of G[size, diffusion_air_temperature]
3.0
2.0
1.0
0.0
−0.5
0.0
0.5
1.0
1.5
N = 250 Bandwidth = 0.03308

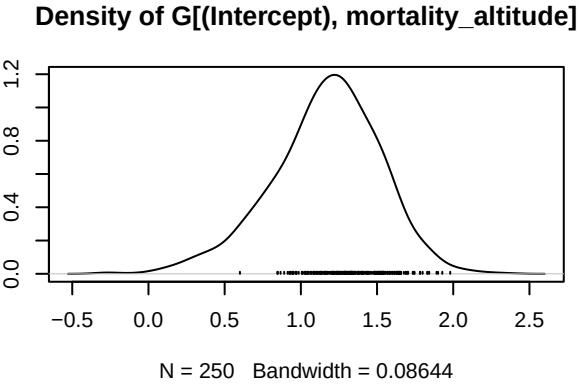

Trace of G[(Intercept), mortality_(Intercept)]
−2.0
−3.0
300
400
500
600
700
Iterations

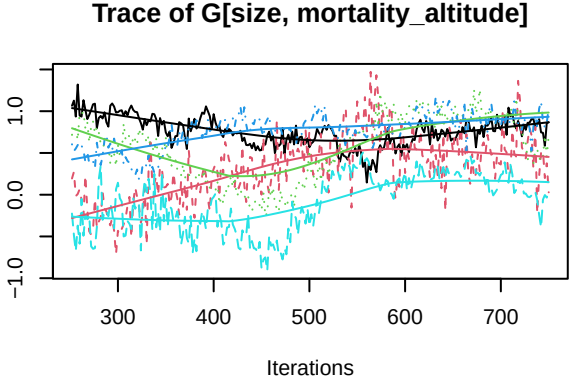

Density of G[(Intercept), mortality_(Intercept)]
1.5
1.0
0.5
0.0
−3.5
−3.0
−2.5
−2.0
−1.5
N = 250 Bandwidth = 0.06804

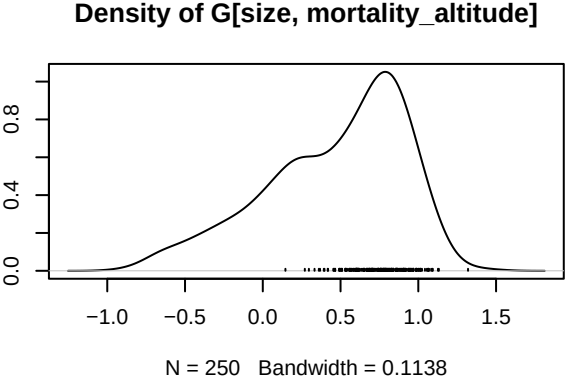

Trace of G[size, mortality_(Intercept)]
0.5
0.0
−0.5
−1.0
300
400
500
600
700
Iterations

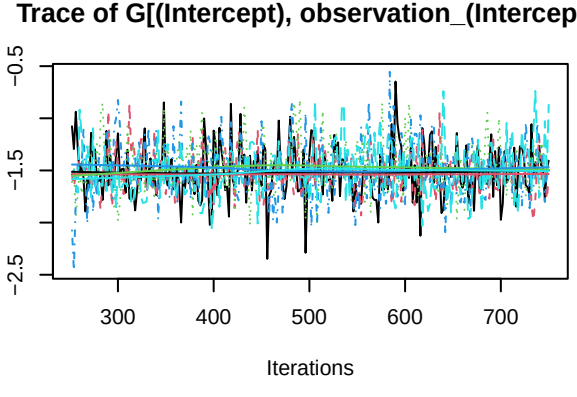

Density of G[size, mortality_(Intercept)]
1.2
0.8
0.4
0.0
−1.0
−0.5
0.0
0.5
N = 250 Bandwidth = 0.07714

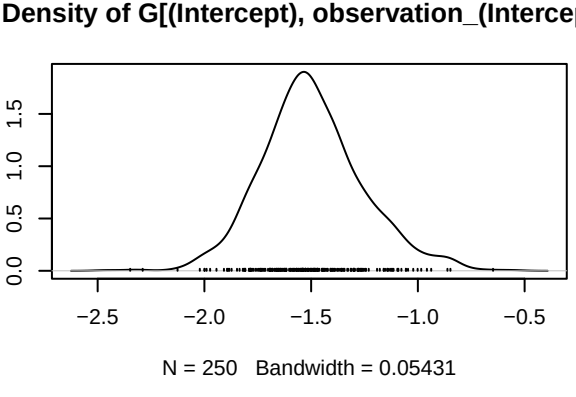

Trace of G[(Intercept), mortality_altitude]
2.0
1.0
0.0
300
400
500
600
700
Iterations

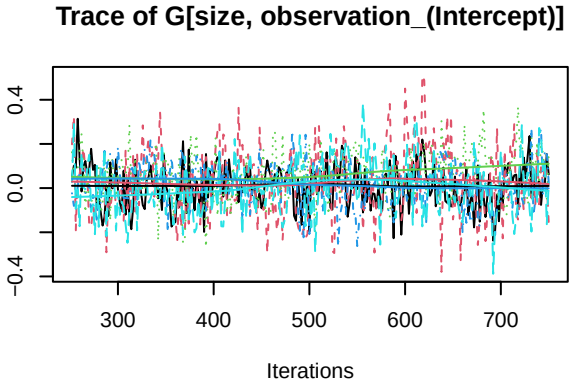

Density of G[(Intercept), mortality_altitude]
1.2
0.8
0.4
0.0
−0.5
0.0
0.5
1.0
1.5
2.0
2.5
N = 250 Bandwidth = 0.08644

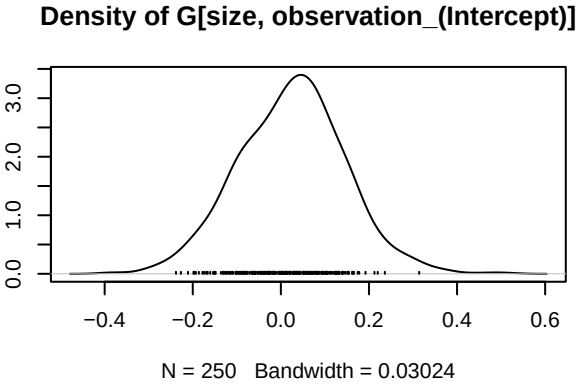

Trace of G[size, mortality_altitude]
1.0
0.0
−1.0
300
400
500
600
700
Iterations

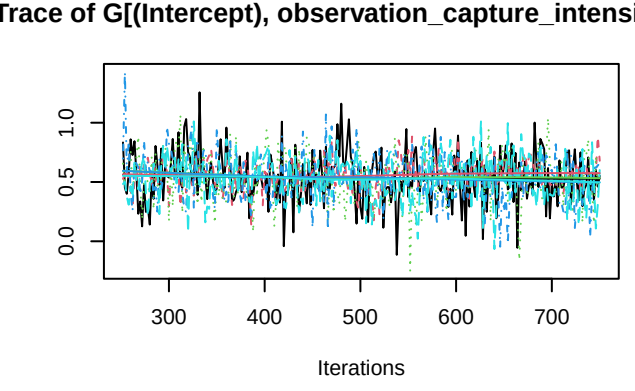

Density of G[size, mortality_altitude]
0.8
0.4
0.0
−1.0
−0.5
0.0
0.5
1.0
1.5
N = 250 Bandwidth = 0.1138

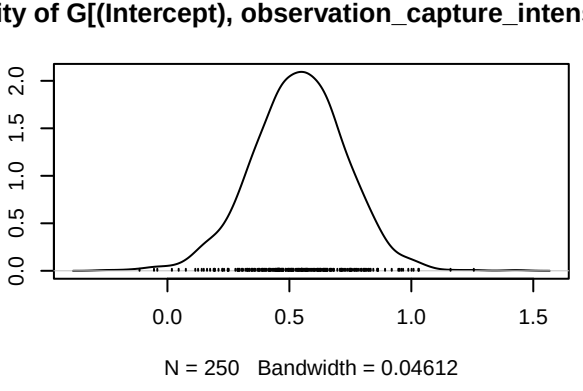

Trace of G[(Intercept), observation_(Intercept)]
−0.5
−1.5
−2.5
300
400
500
600
700
Iterations

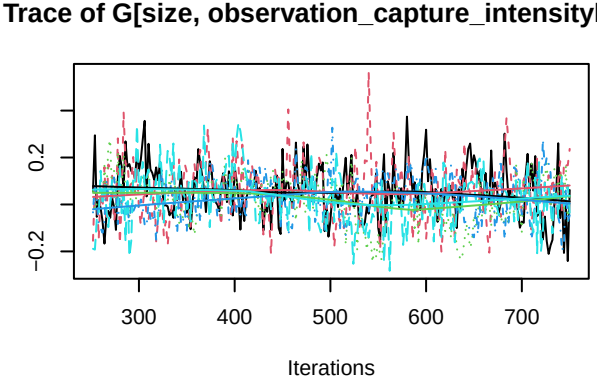

Density of G[(Intercept), observation_(Intercept)]
1.5
1.0
0.5
0.0
−2.5
−2.0
−1.5
−1.0
−0.5
N = 250 Bandwidth = 0.05431

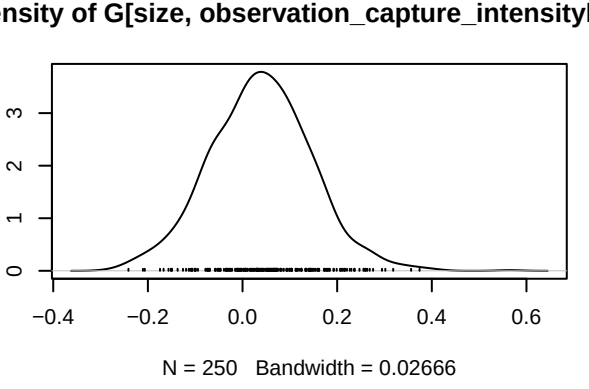

Trace of G[size, observation_(Intercept)]
0.4
0.0
−0.4
300
400
500
600
700
Iterations

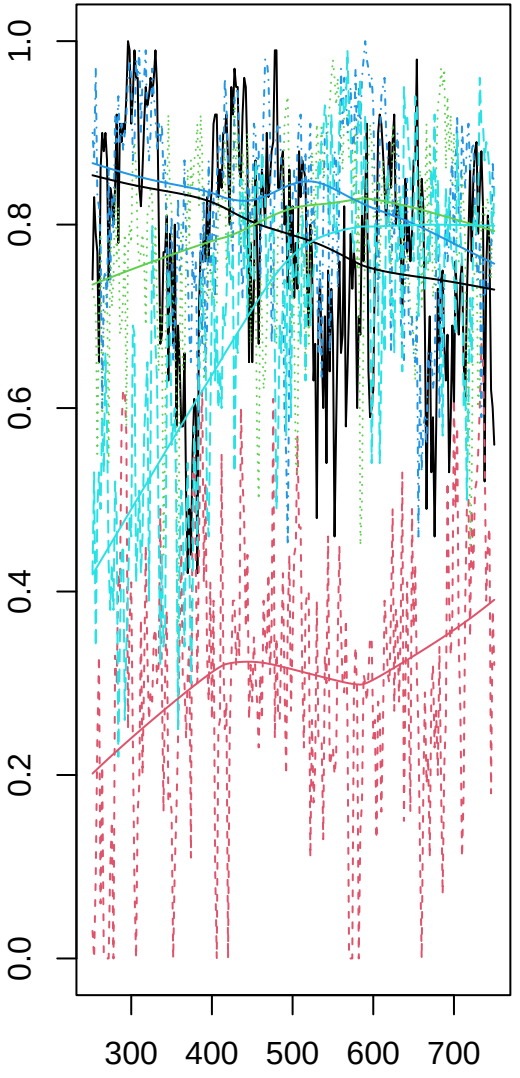

Density of G[size, observation_(Intercept)]
3.0
2.0
1.0
0.0
−0.4
−0.2
0.0
0.2
0.4
0.6
N = 250 Bandwidth = 0.03024

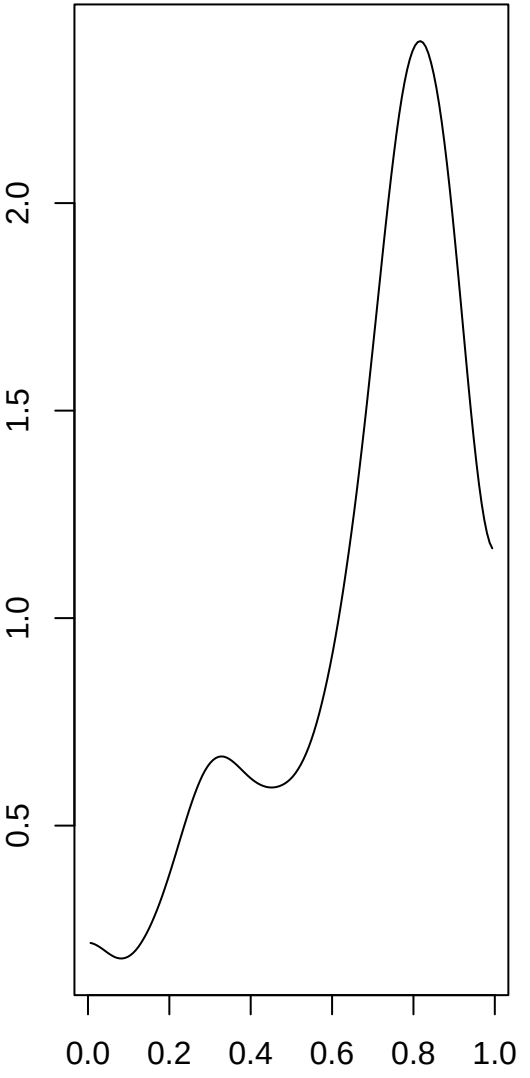

Trace of G[(Intercept), observation_capture_intensity
1.0
0.5
0.0
300
400
500
600
700
Iterations


ensity of G[(Intercept), observation_capture_intensity
2.0
1.5
1.0
0.5
0.0
0.0
0.5
1.0
1.5
N = 250 Bandwidth = 0.04612


Trace of G[size, observation_capture_intensityhigh
0.2
−0.2
300
400
500
600
700
Iterations


Density of G[size, observation_capture_intensityhig
3
2
1
0
−0.4
−0.2
0.0
0.2
0.4
0.6
N = 250 Bandwidth = 0.02666


1.0
0.8
0.6
0.4
0.2
0.0
300
400
500
600
700
Iterations


2.0
1.5
1.0
0.5
0.0
0.2
0.4
0.6
0.8
1.0
N = 250 Bandwidth = 0.05701