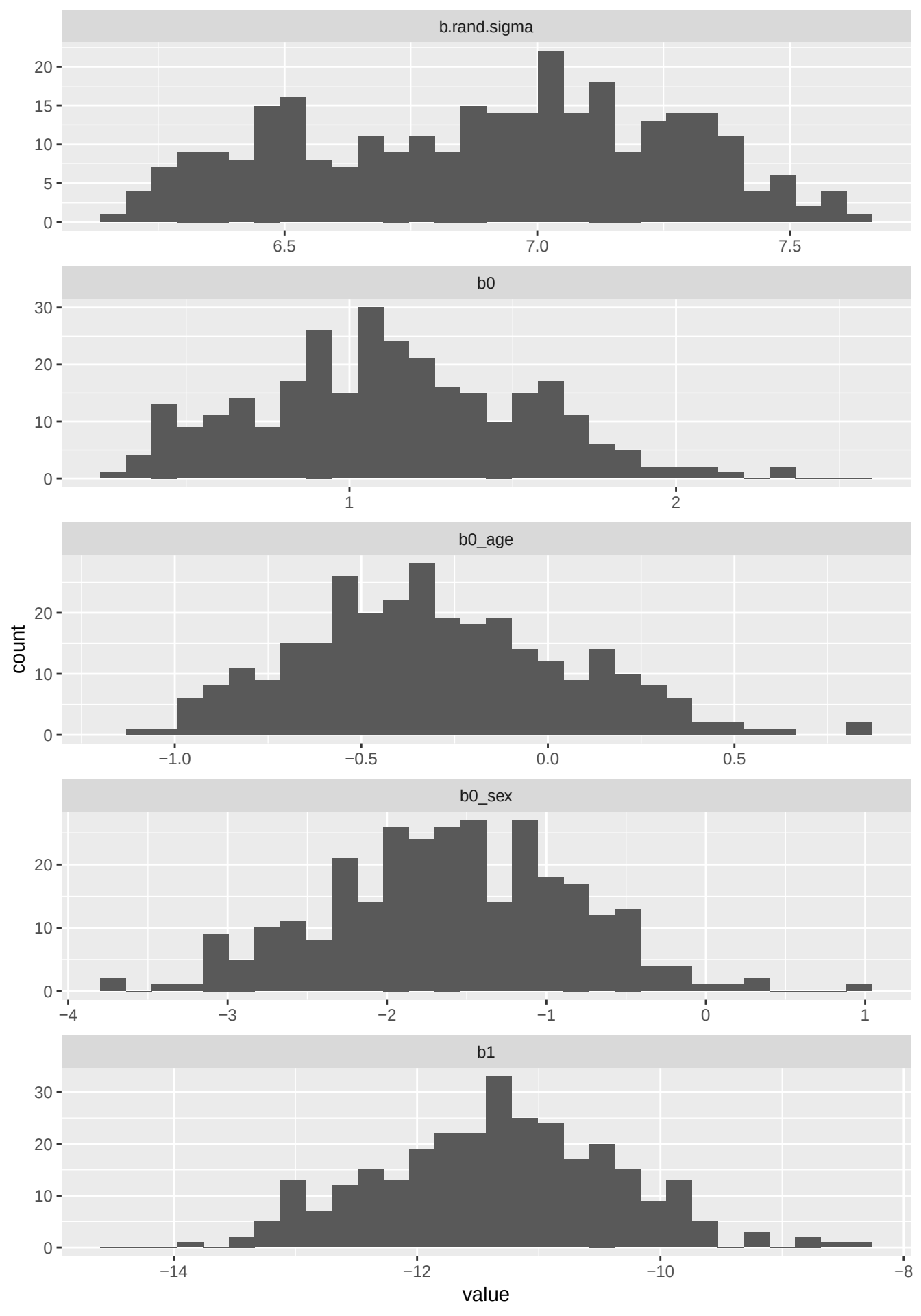
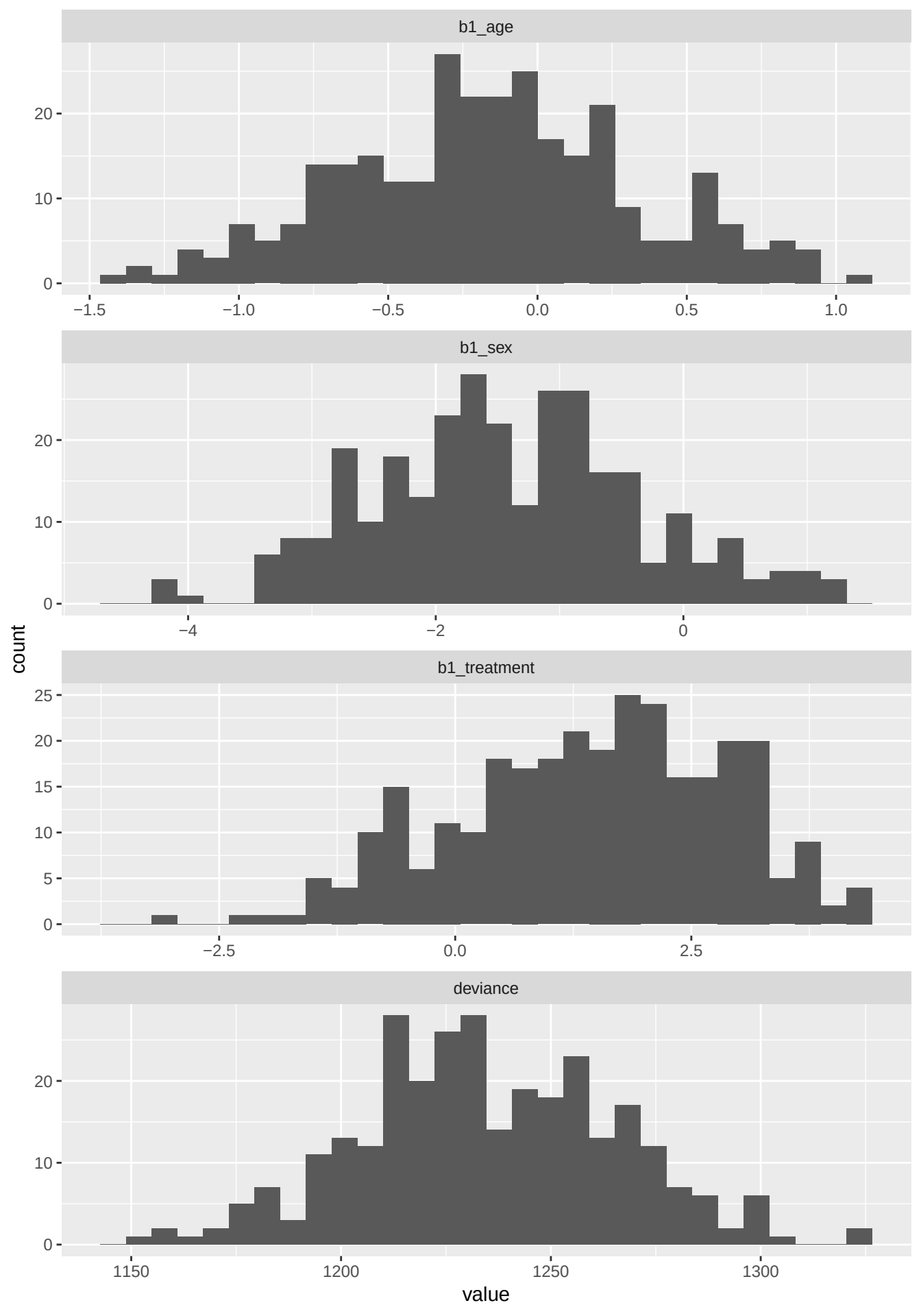
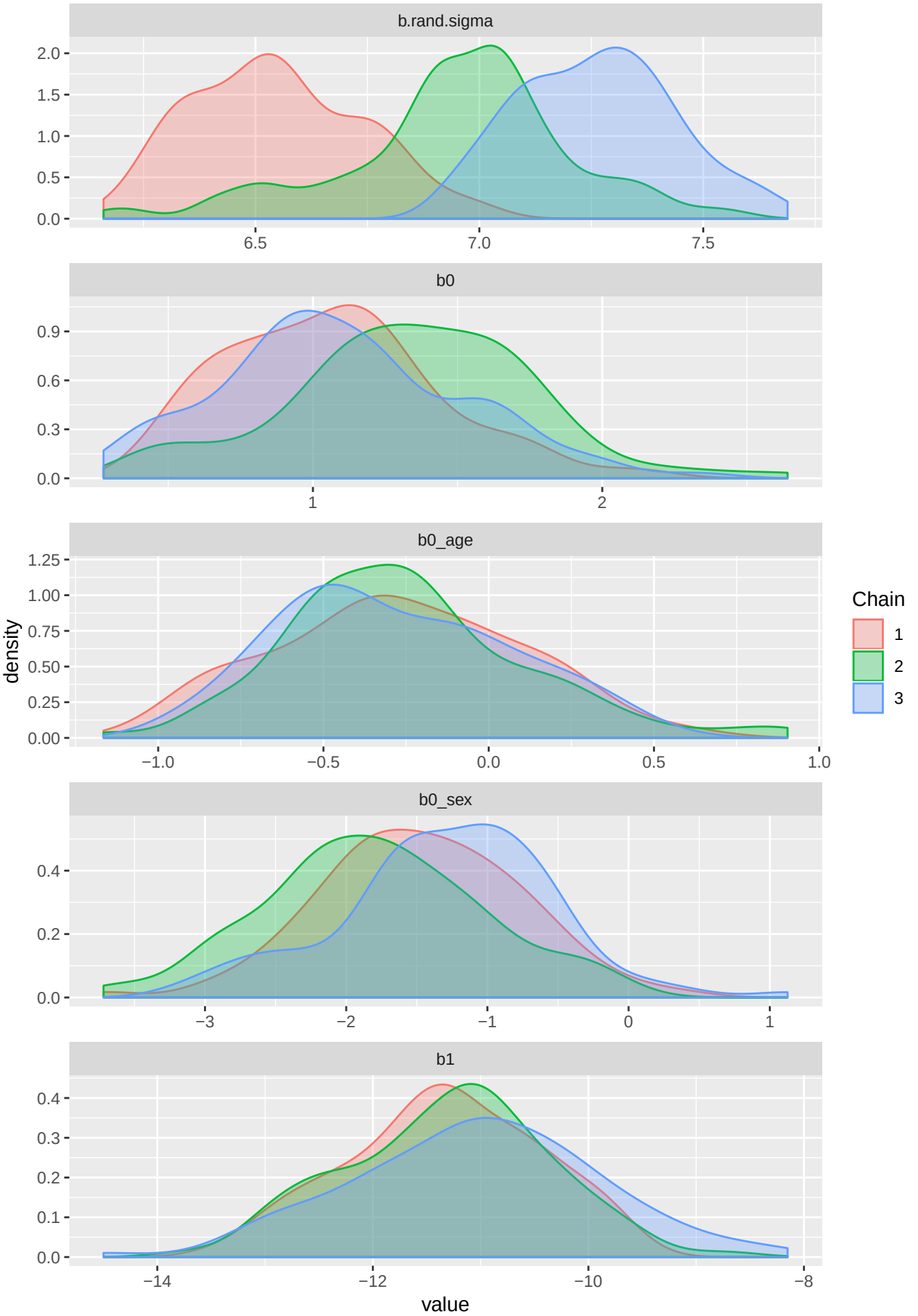
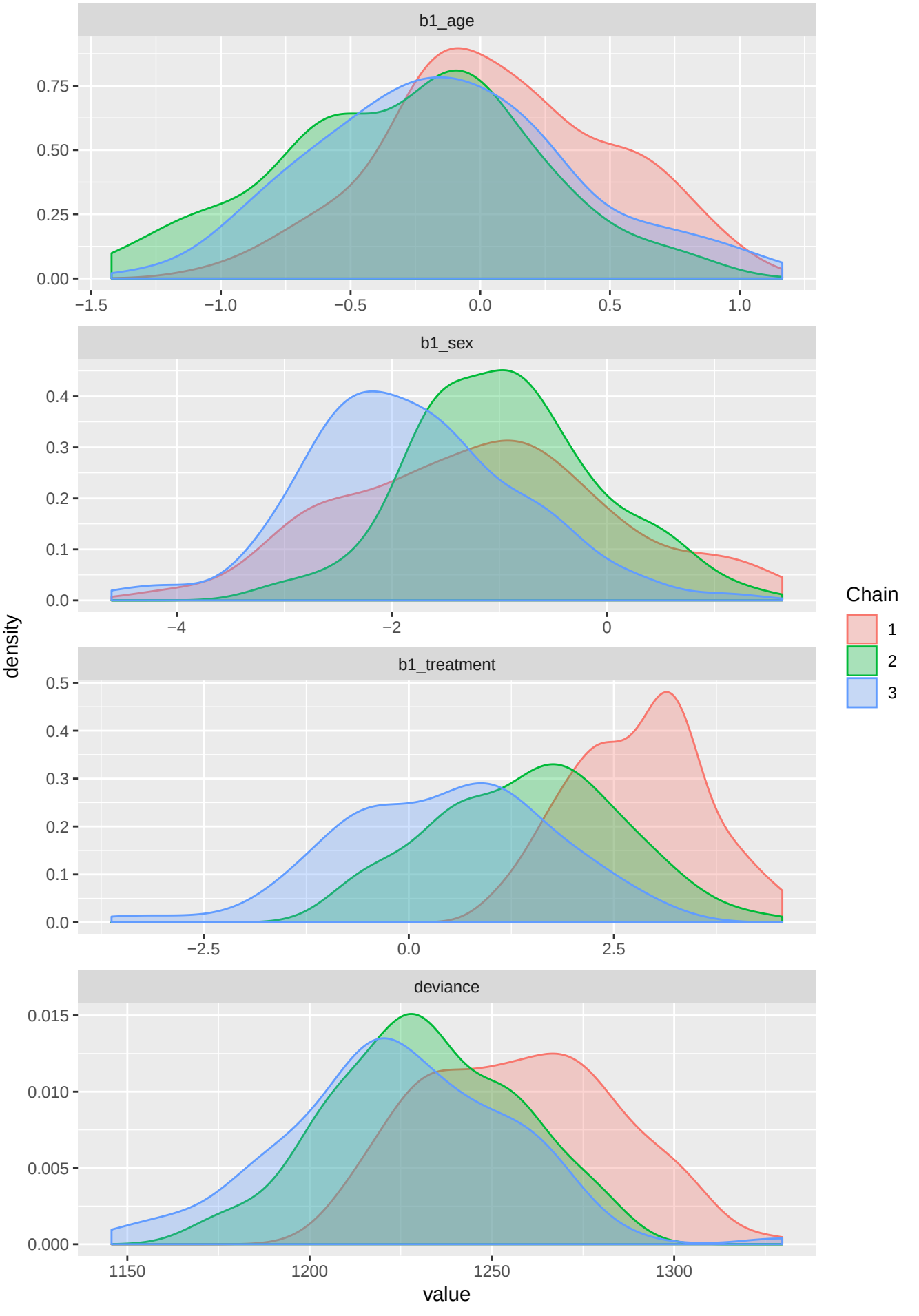
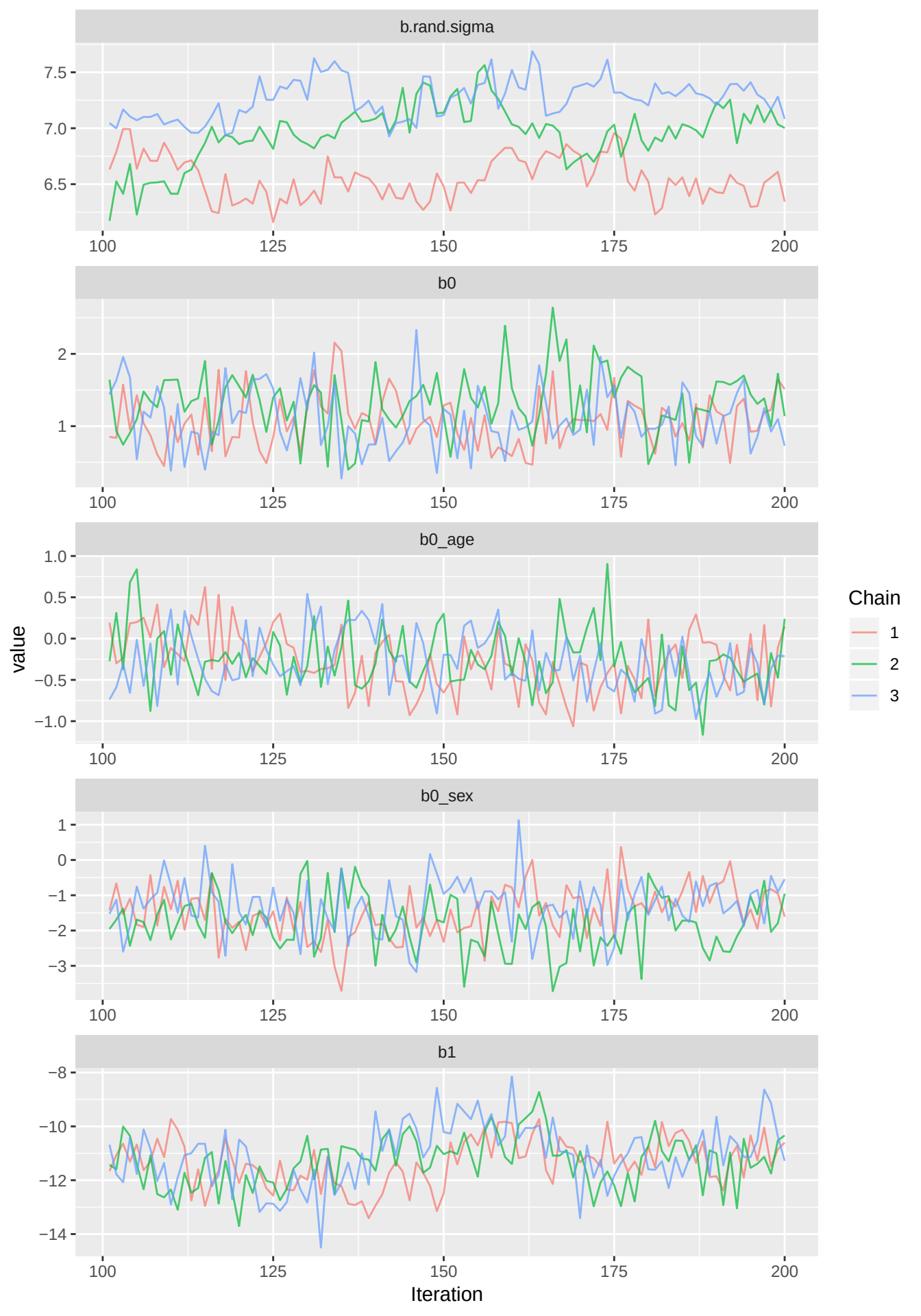

b.rand.sigma
b0
b0_age
b0_sex
b1
count
value

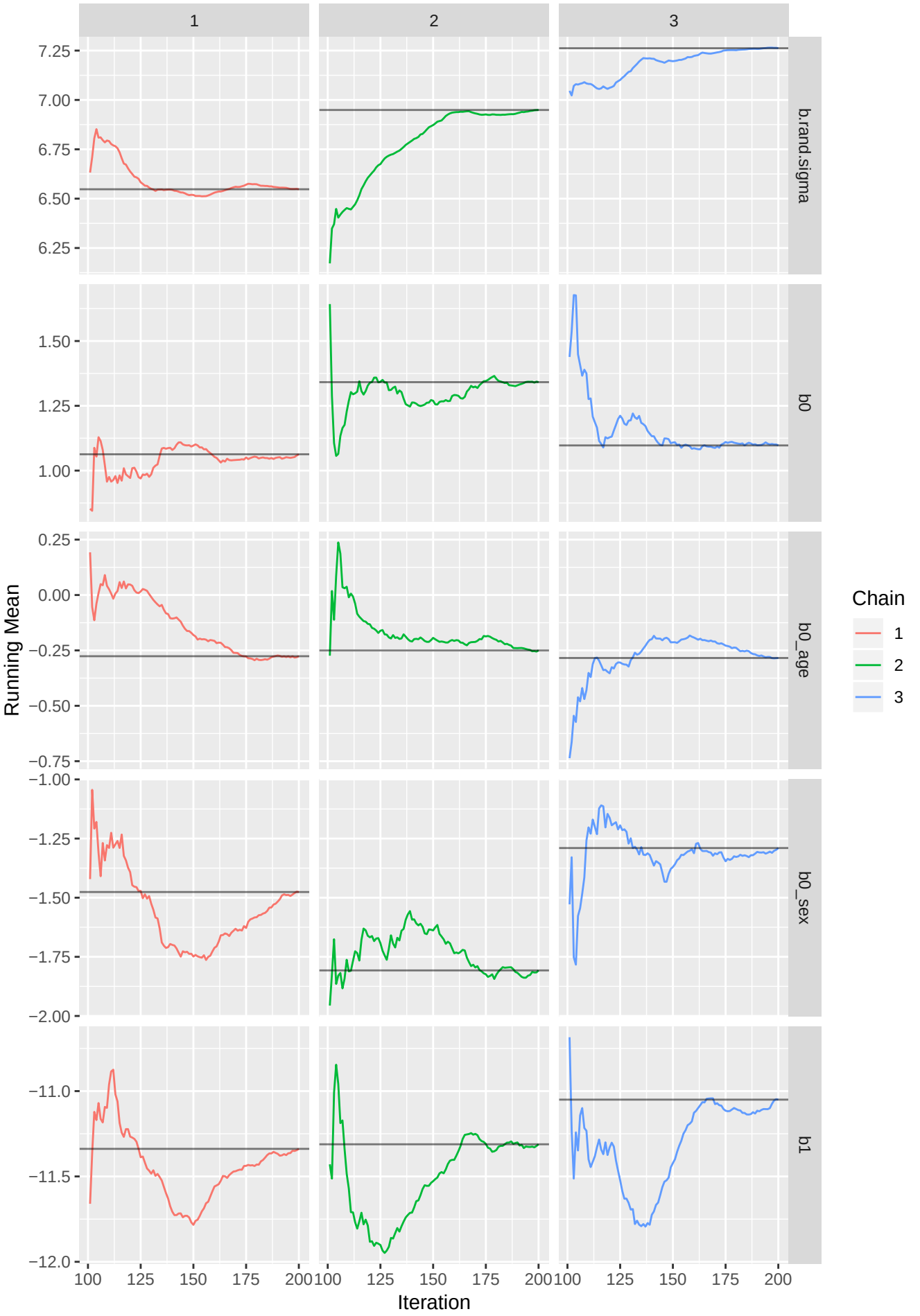

b1_age
b1_sex
b1_treatment
deviance
count
value

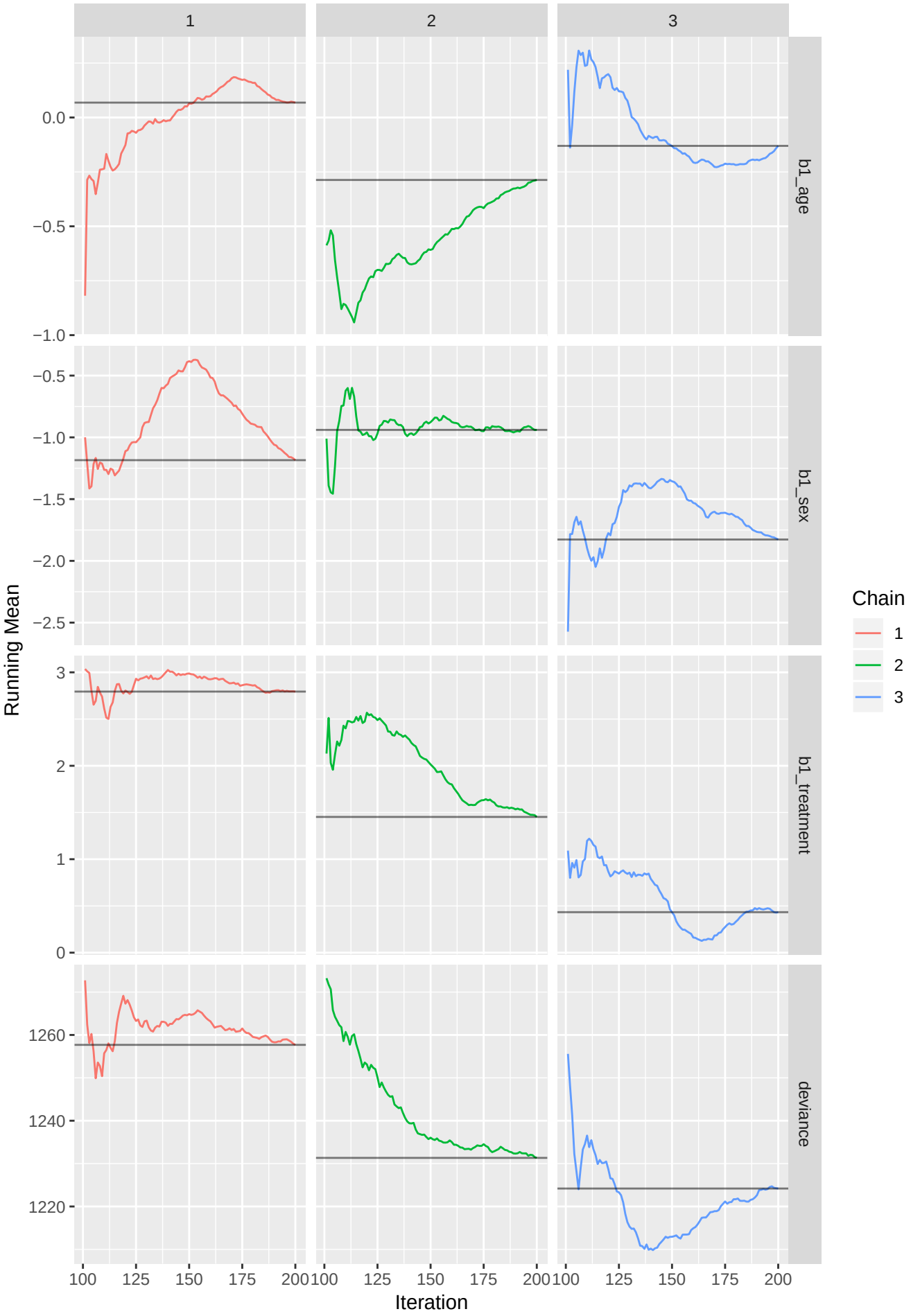

b.rand.sigma
b0
b0_age
b0_sex
b1
density
value
Chain
1
2
3

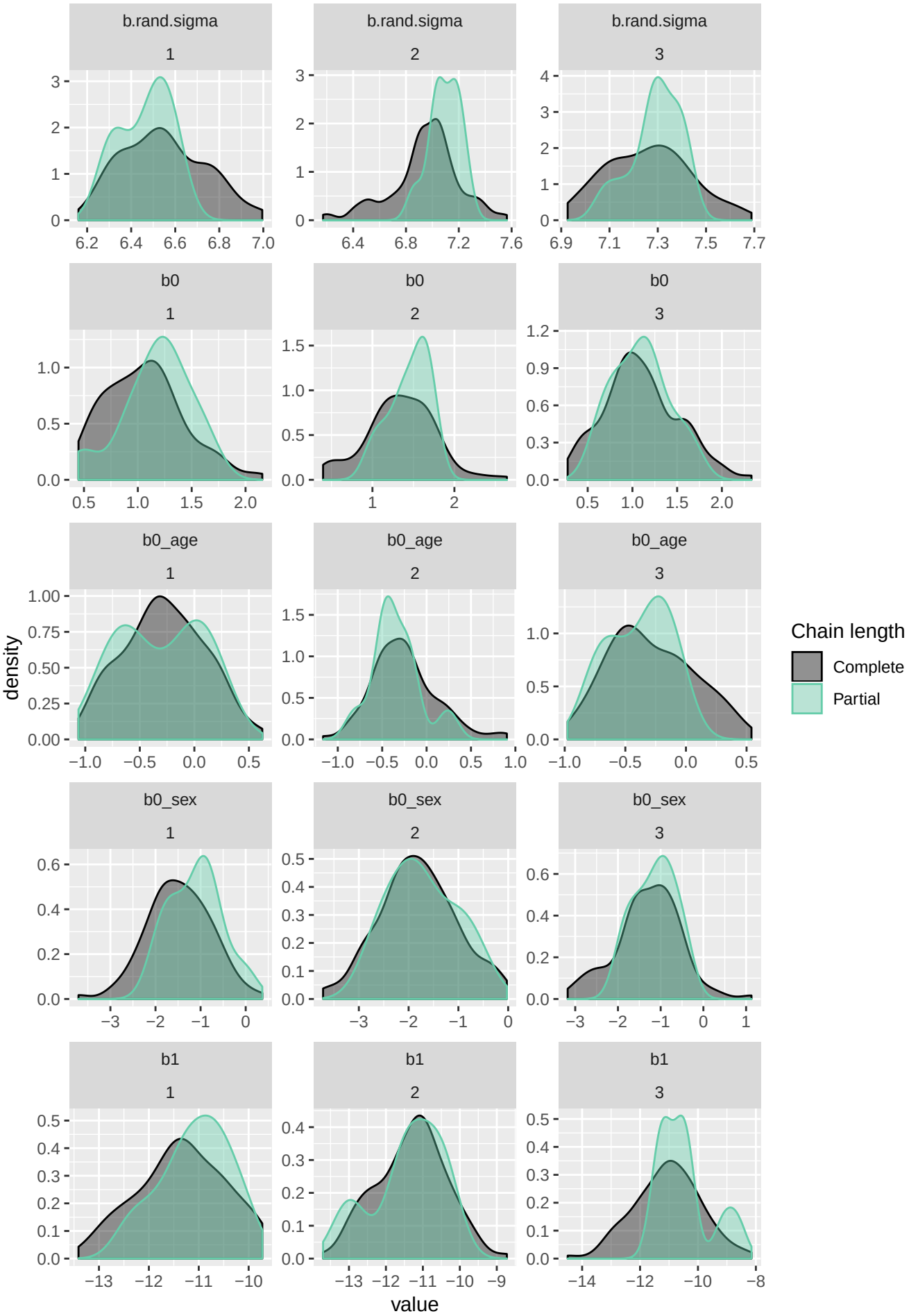

b1_age
0.75
0.50
0.25
0.00
−1.5
−1.0
−0.5
0.0
0.5
1.0
b1_sex
0.4
0.3
0.2
0.1
0.0
−4
−2
0
b1_treatment
0.5
0.4
0.3
0.2
0.1
0.0
−2.5
0.0
2.5
deviance
0.015
0.010
0.005
0.000
1150
1200
1250
1300
density
value
Chain
1
2
3

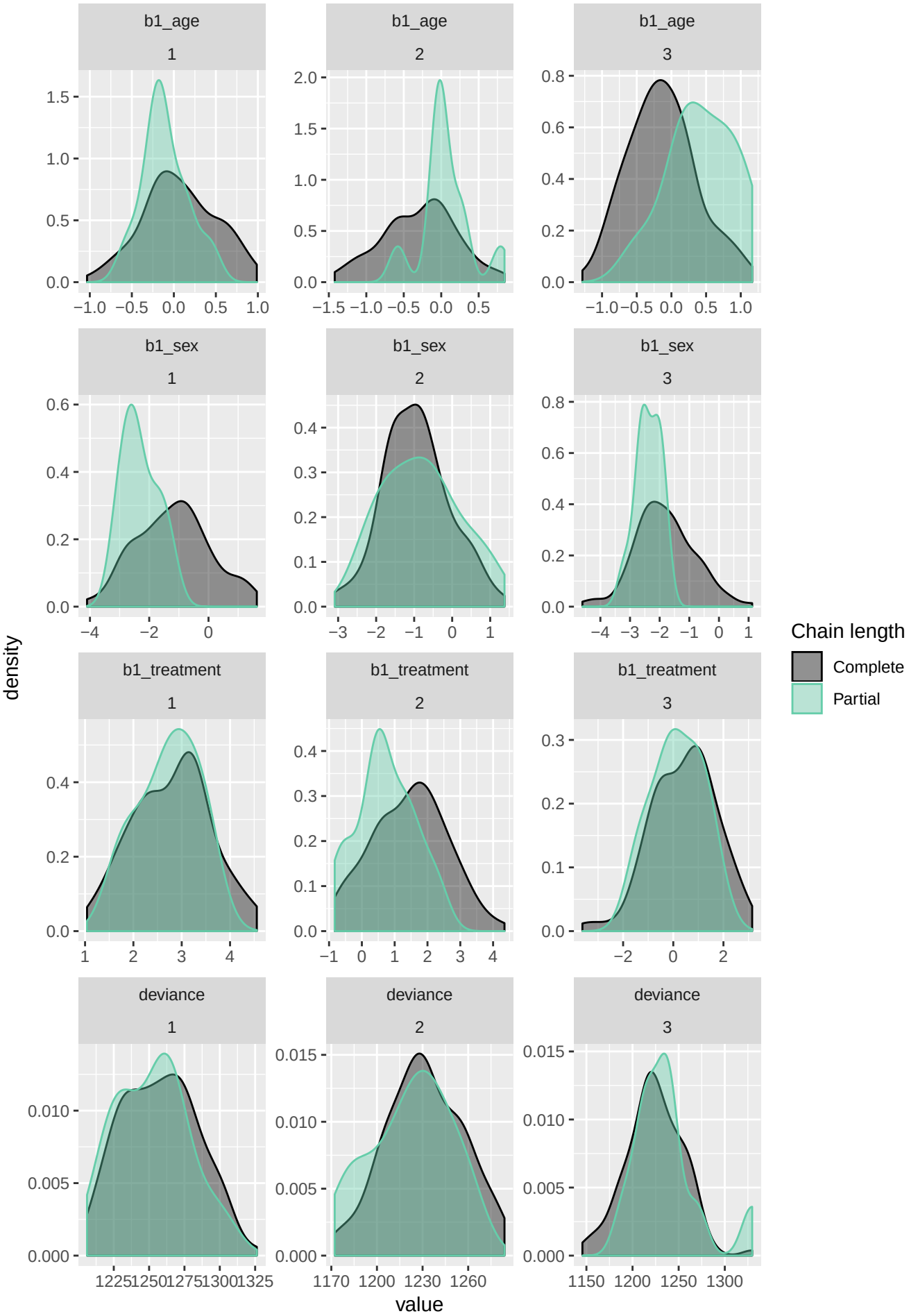

b.rand.sigma
7.5
7.0
6.5
b0
2
1
b0_age
1.0
0.5
0.0
−0.5
−1.0
b0_sex
1
0
−1
−2
−3
b1
−8
−10
−12
−14
100
125
150
175
200
value
Iteration
Chain
1
2
3

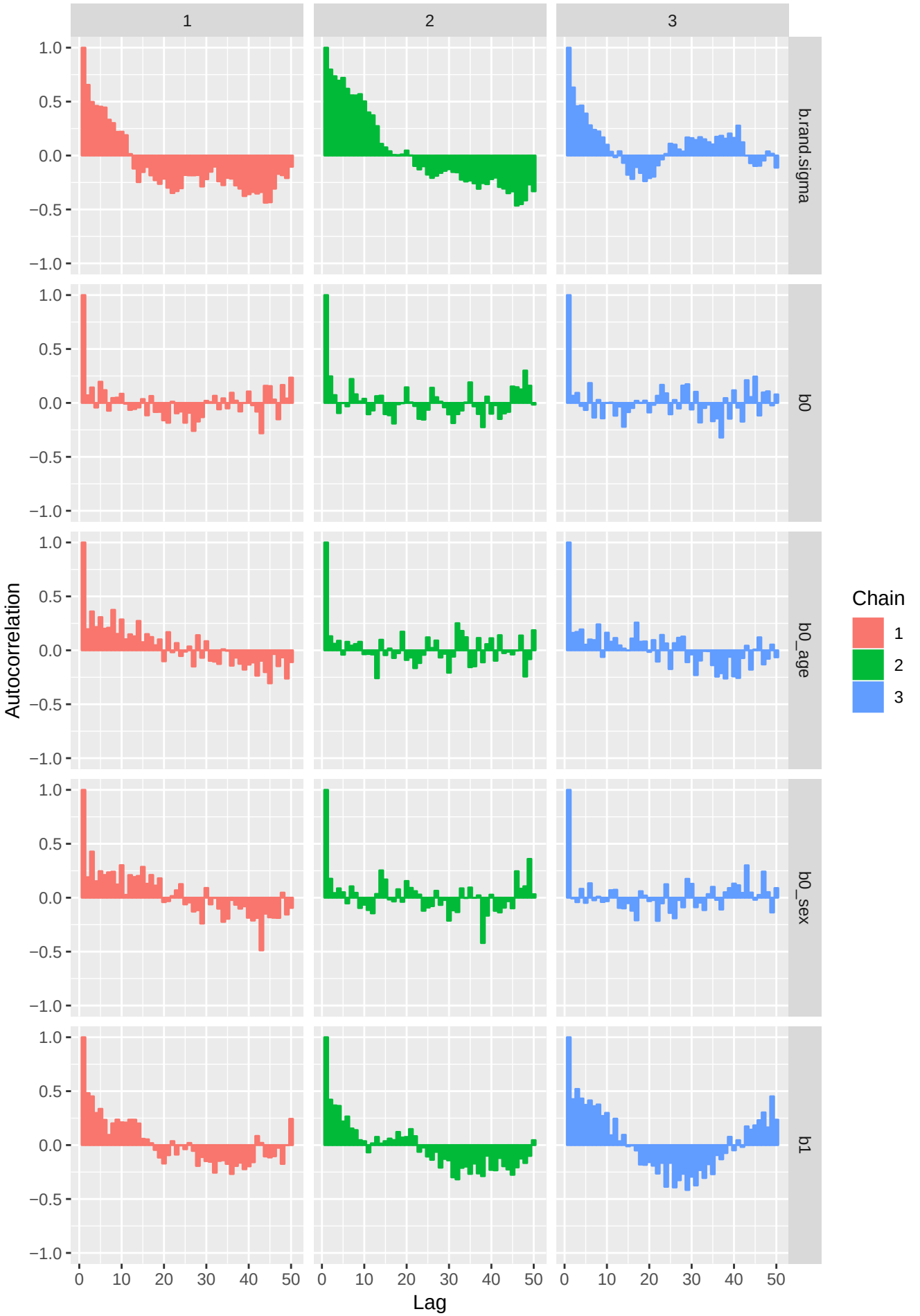
b1_age
b1_sex
b1_treatment
deviance
value
Iteration
Chain
1
2
3

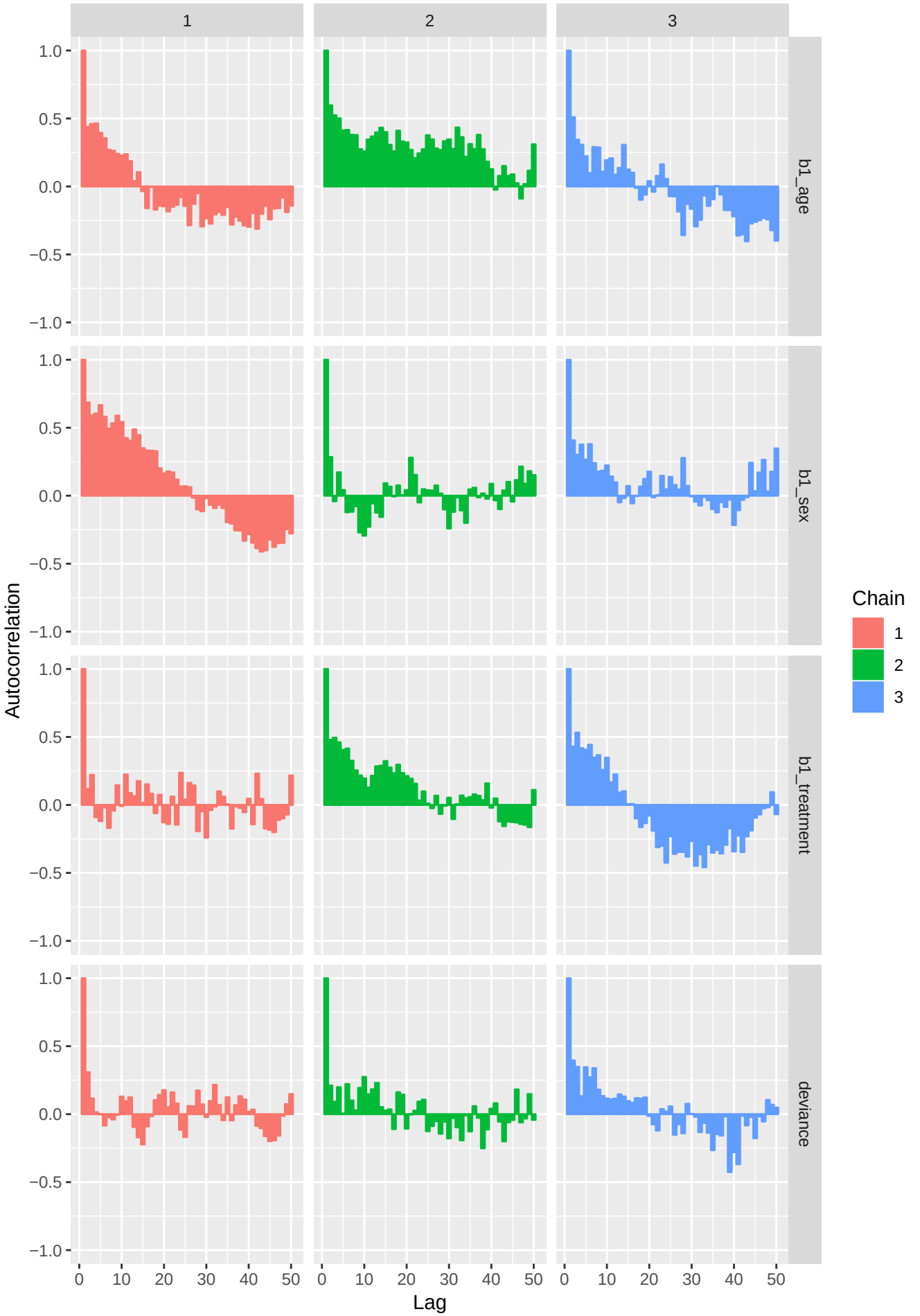

1
2
3
b.rand.sigma
b0
b0_age
b0_sex
b1
Running Mean
Iteration
Chain
1
2
3
7.25
7.00
6.75
6.50
6.25
1.50
1.25
1.00
0.25
0.00
−0.25
−0.50
−0.75
−1.00
−1.25
−1.50
−1.75
−2.00
−11.0
−11.5
−12.0
100
125
150
175
200

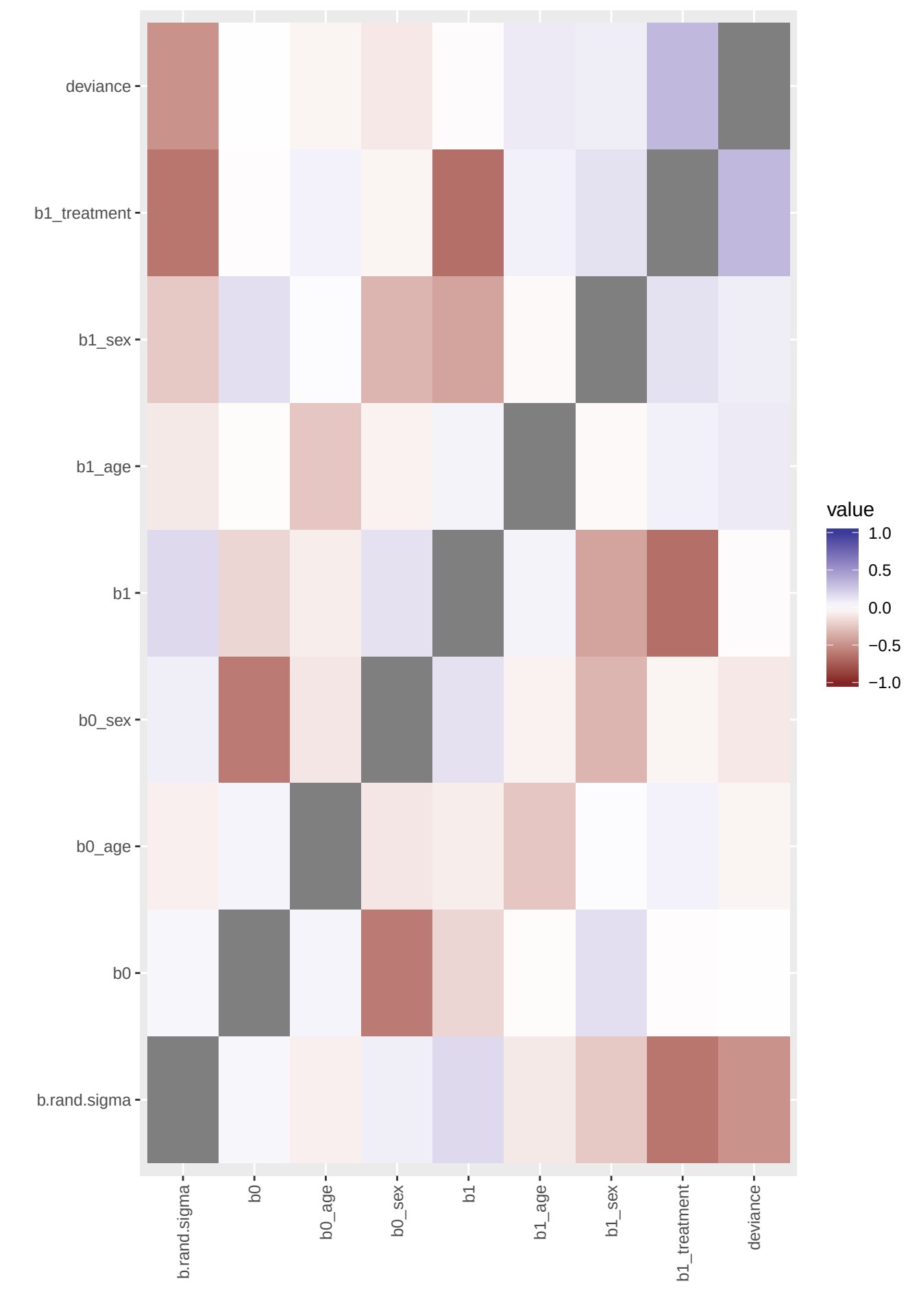

1
2
3
b1_age
b1_sex
b1_treatment
deviance
Running Mean
Iteration
Chain
1
2
3
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
3
2
1
0
1260
1240
1220
100
125
150
175
200

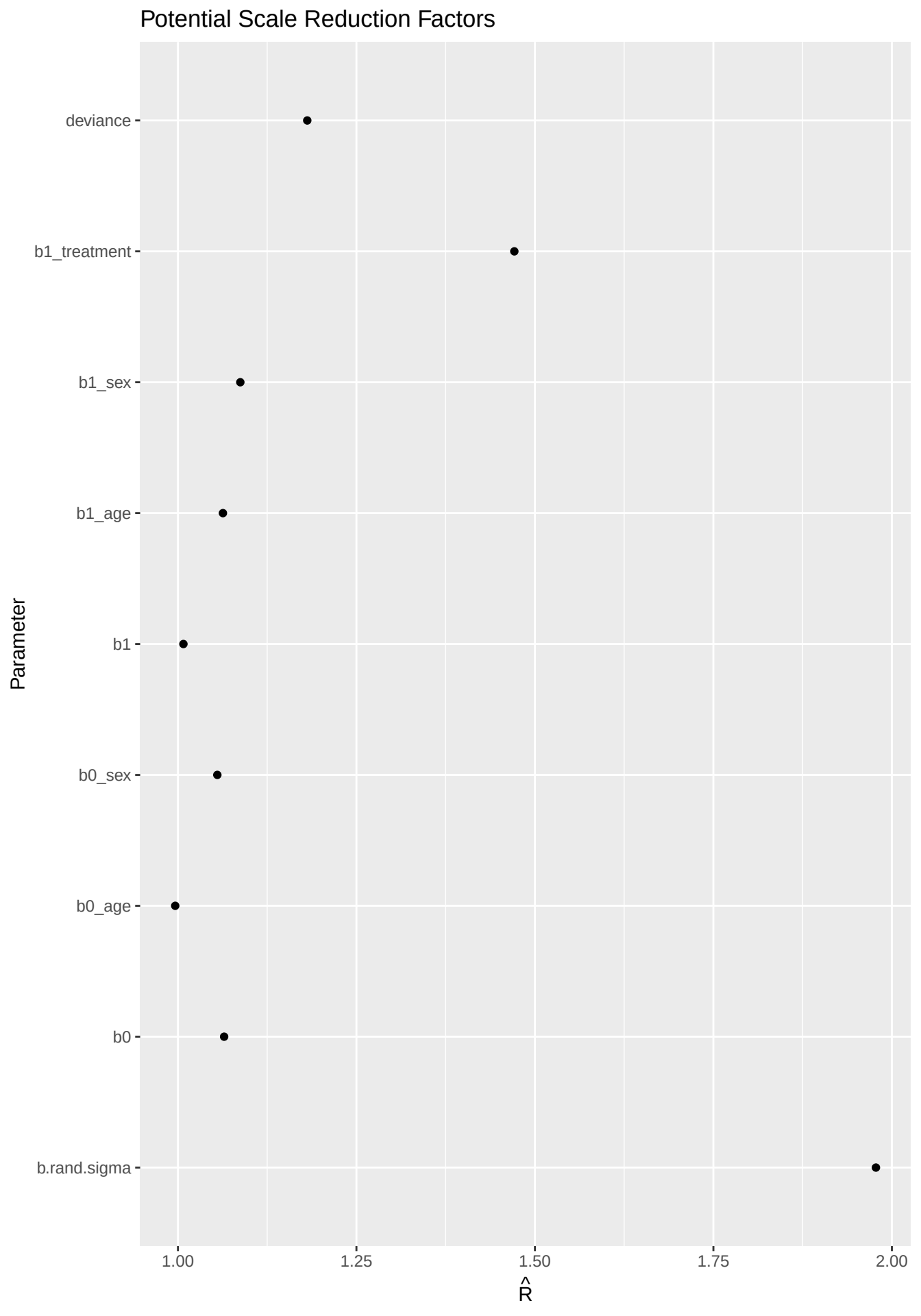

b.rand.sigma
1
b.rand.sigma
2
b.rand.sigma
3
b0
1
b0
2
b0
3
b0_age
1
b0_age
2
b0_age
3
b0_sex
1
b0_sex
2
b0_sex
3
b1
1
b1
2
b1
3
density
value
Chain length
Complete
Partial

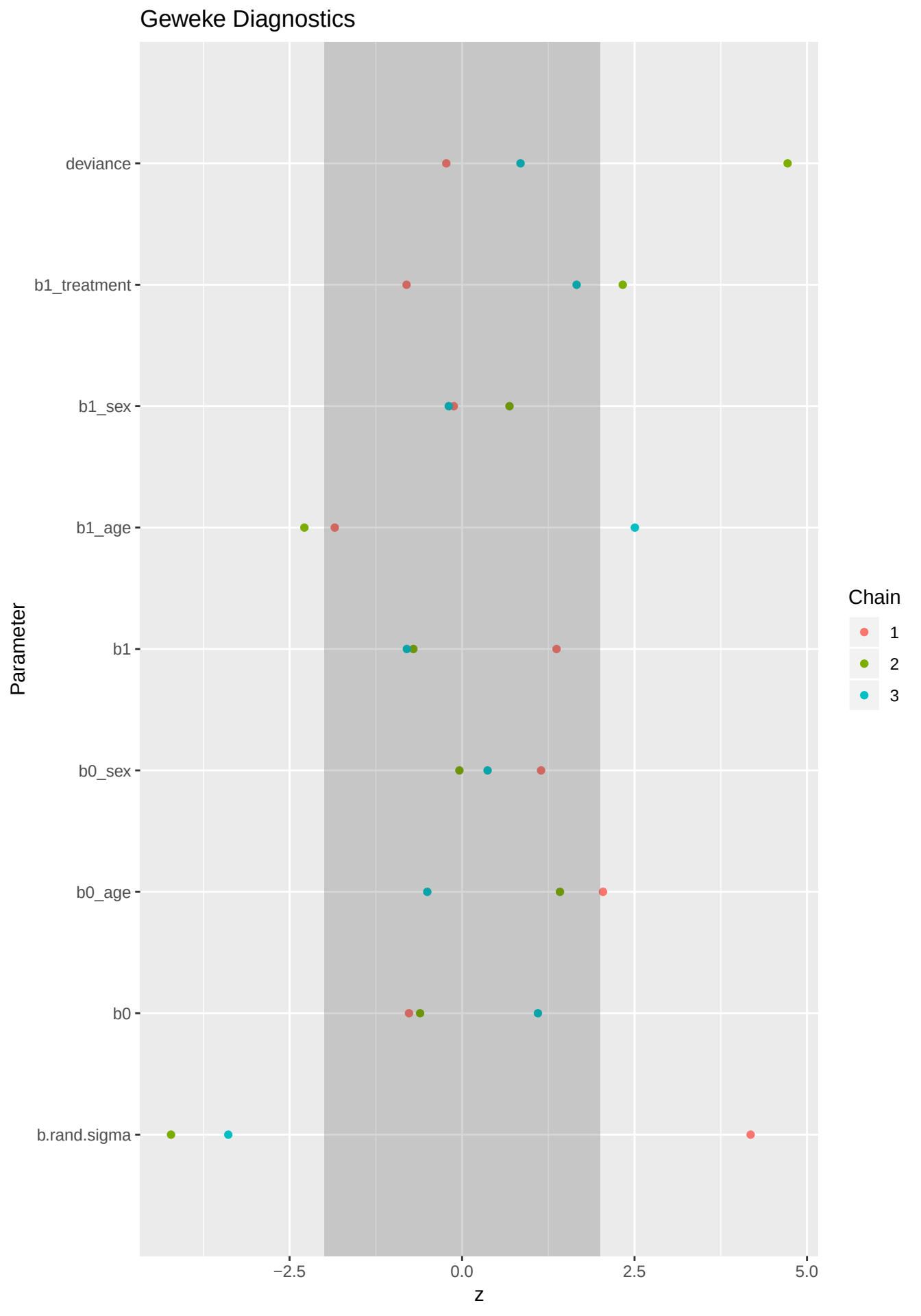

b1_age
1
b1_age
2
b1_age
3
b1_sex
1
b1_sex
2
b1_sex
3
b1_treatment
1
b1_treatment
2
b1_treatment
3
deviance
1
deviance
2
deviance
3
density
value
Chain length
Complete
Partial


1
2
3
b.rand.sigma
b0
b0_age
b0_sex
b1
Autocorrelation
Lag
Chain
1
2
3


1
2
3
b1_age
b1_sex
b1_treatment
deviance
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3


deviance
b1_treatment
b1_sex
b1_age
b1
b0_sex
b0_age
b0
b.rand.sigma
b.rand.sigma
b0
b0_age
b0_sex
b1
b1_age
b1_sex
b1_treatment
deviance
value
1.0
0.5
0.0
−0.5
−1.0


Potential Scale Reduction Factors
deviance
b1_treatment
b1_sex
b1_age
b1
b0_sex
b0_age
b0
b.rand.sigma
Parameter
1.00
1.25
1.50
1.75
2.00
R̂


Geweke Diagnostics
deviance
b1_treatment
b1_sex
b1_age
b1
b0_sex
b0_age
b0
b.rand.sigma
Parameter
−2.5
0.0
2.5
5.0
z
Chain
1
2
3