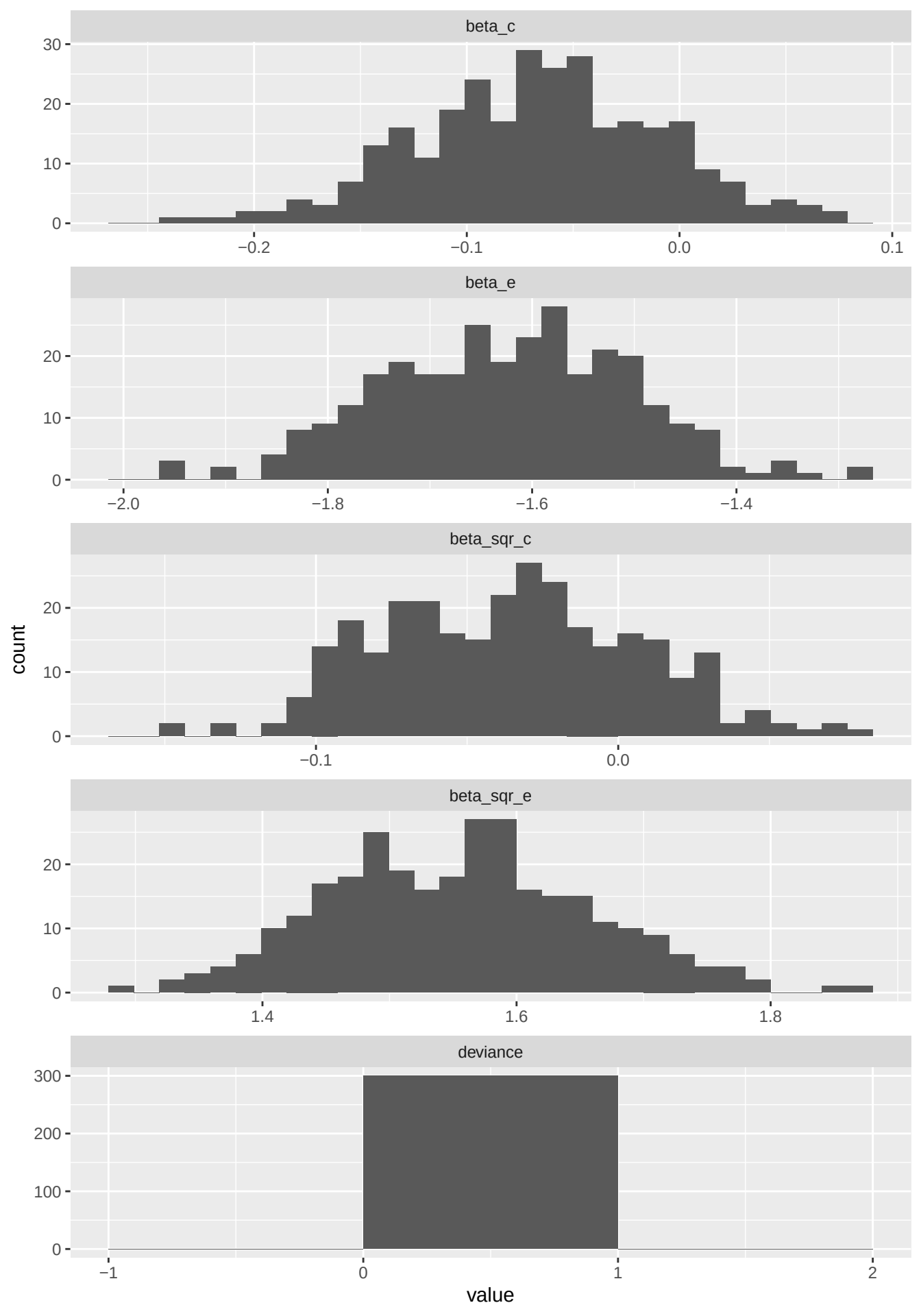
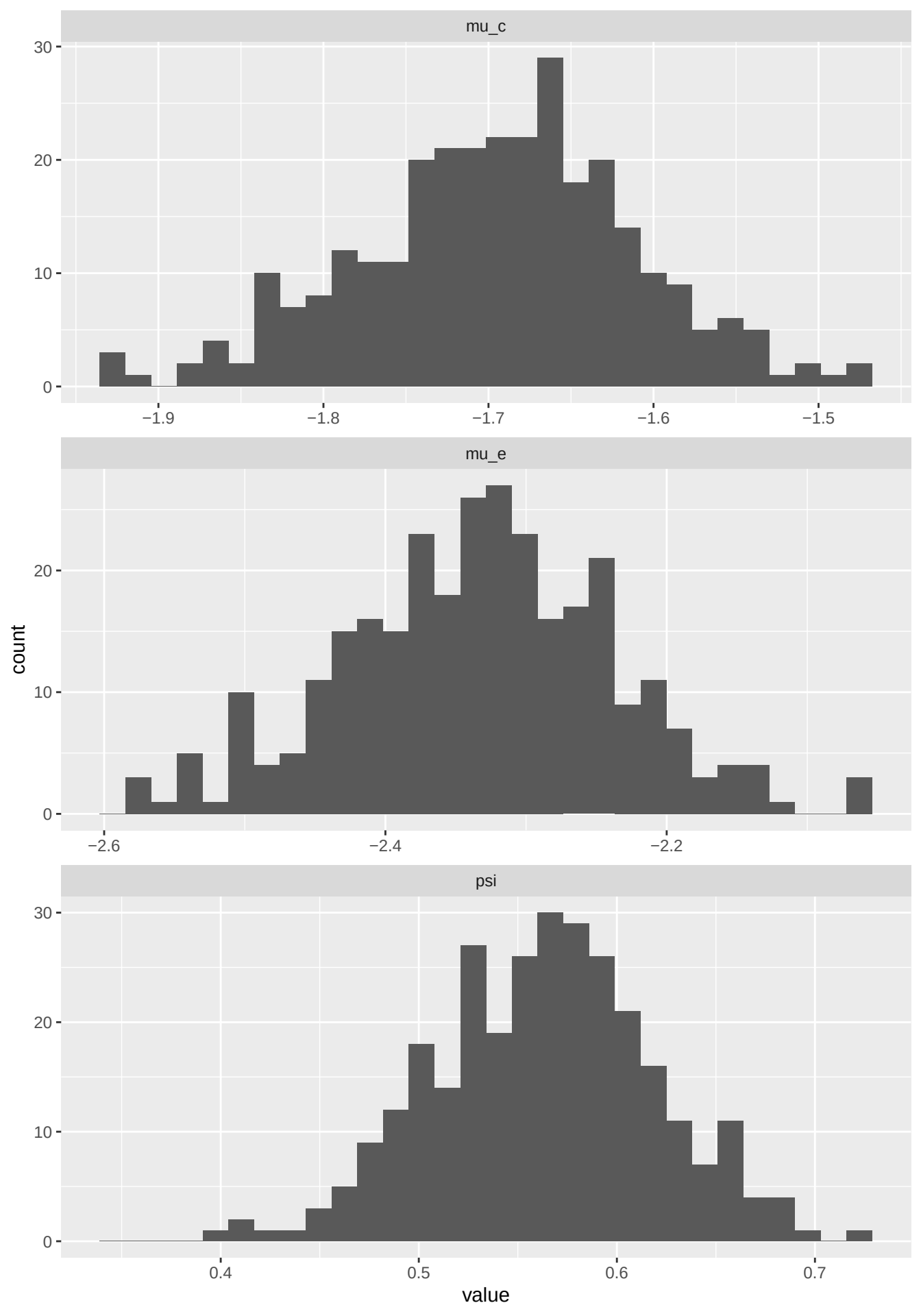
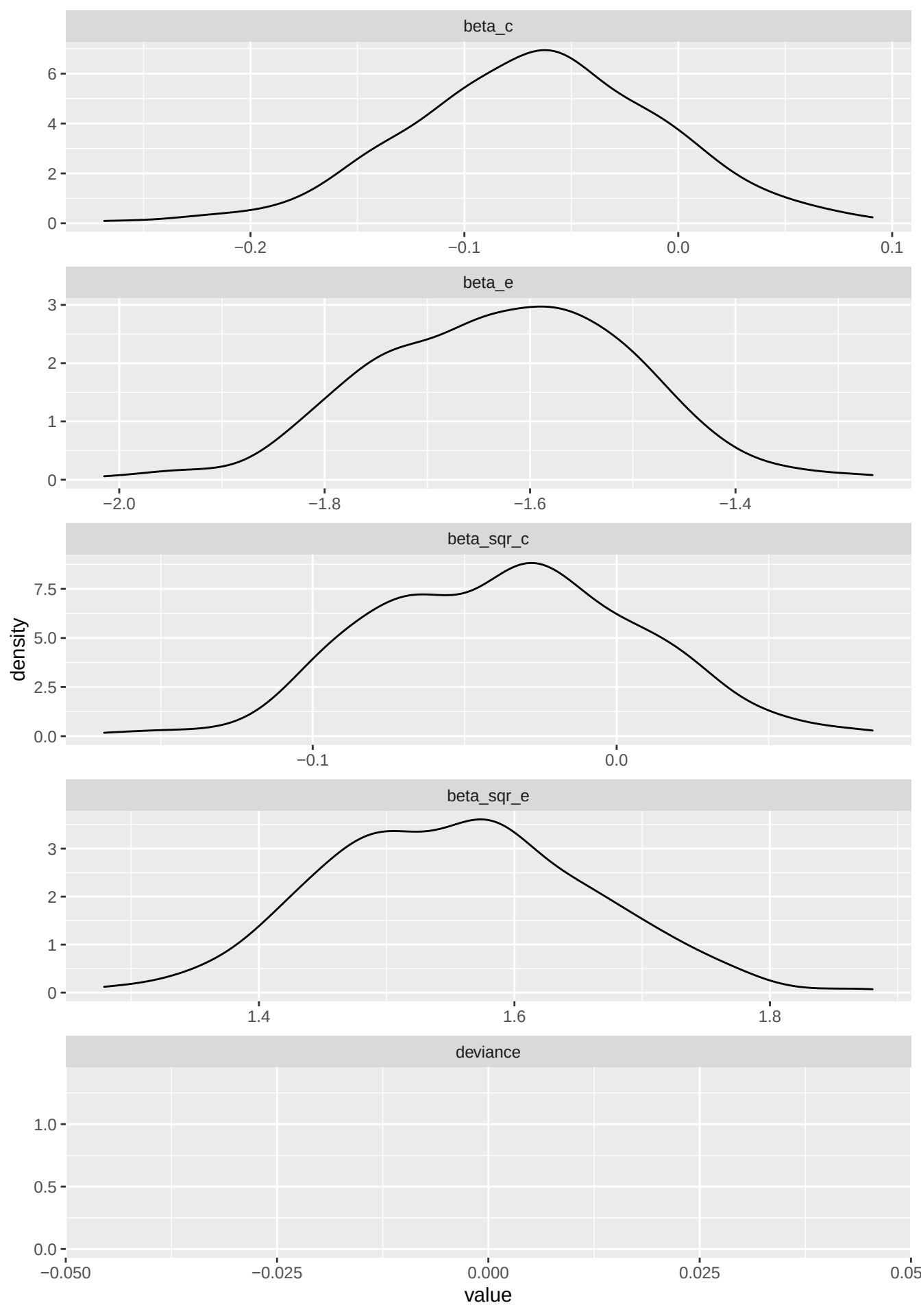
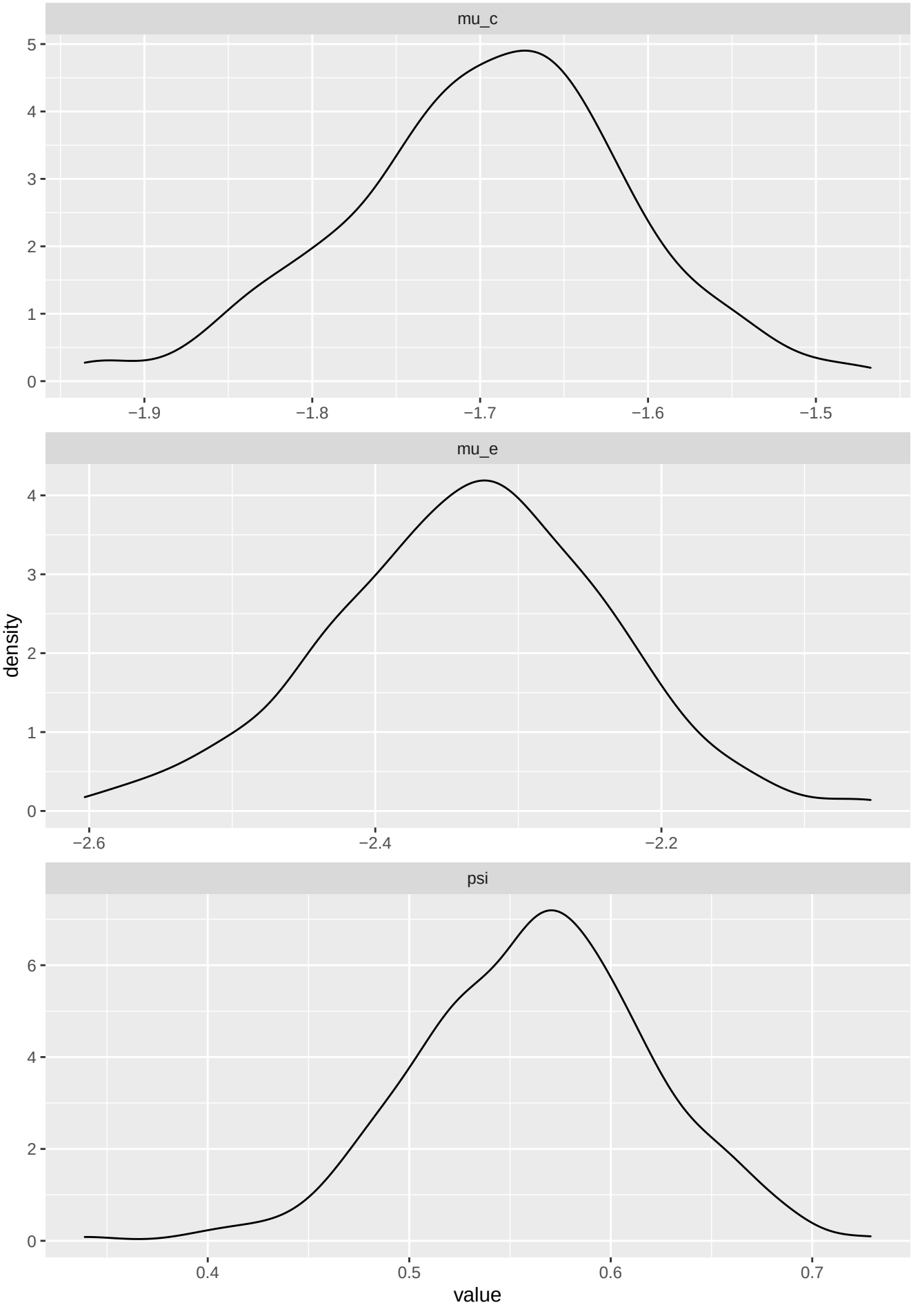
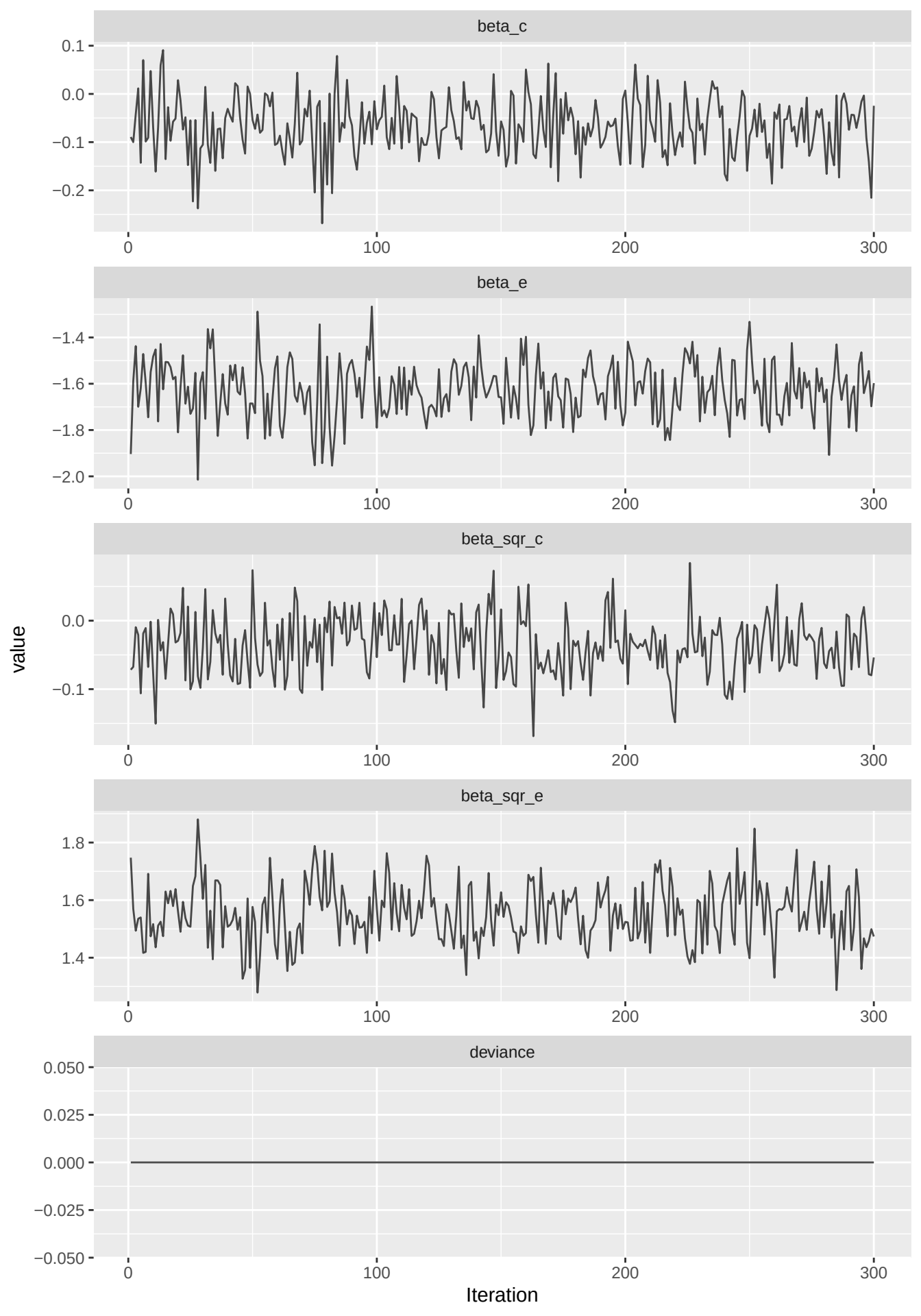
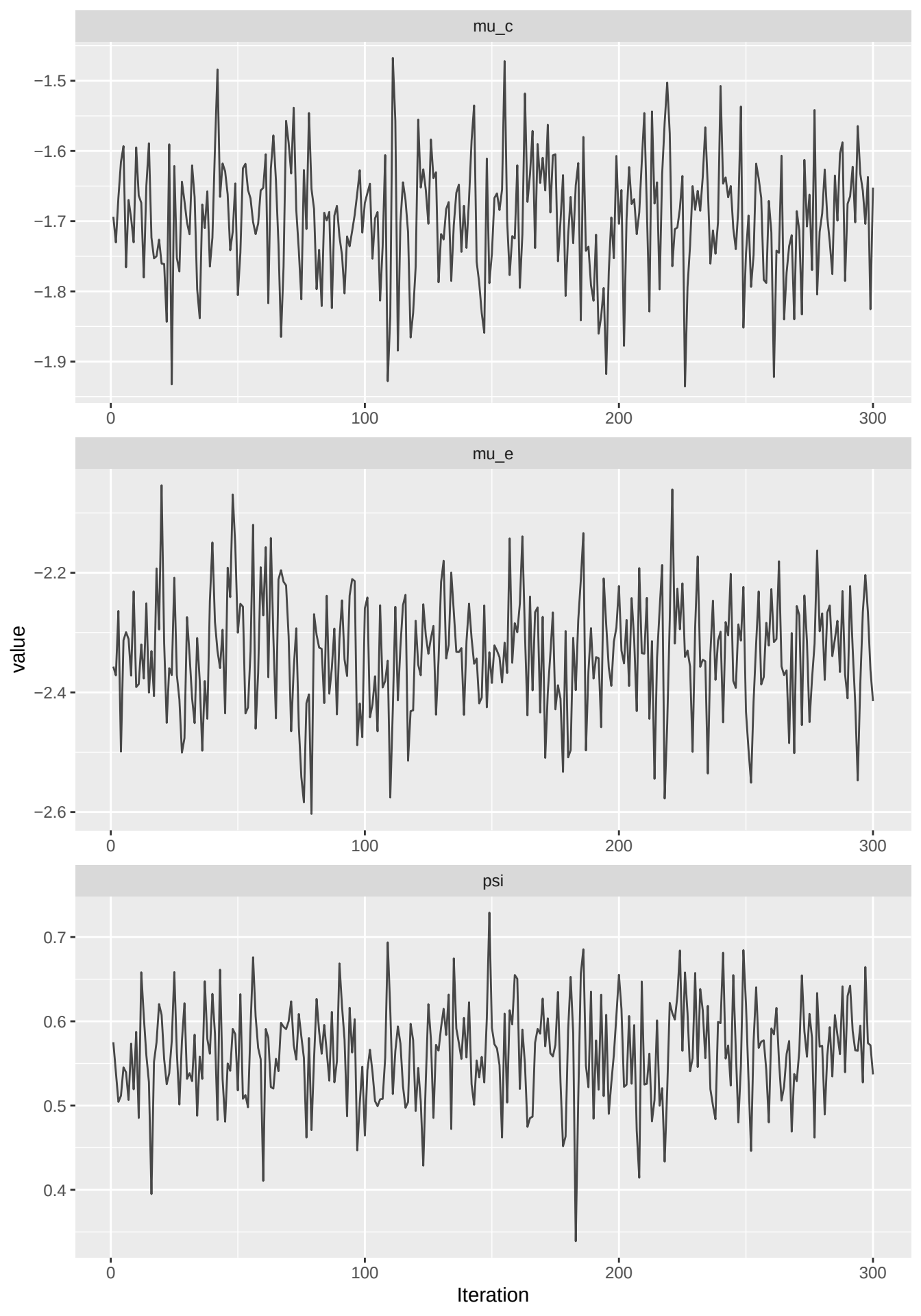

beta_c
beta_e
beta_sqr_c
beta_sqr_e
deviance
count
value

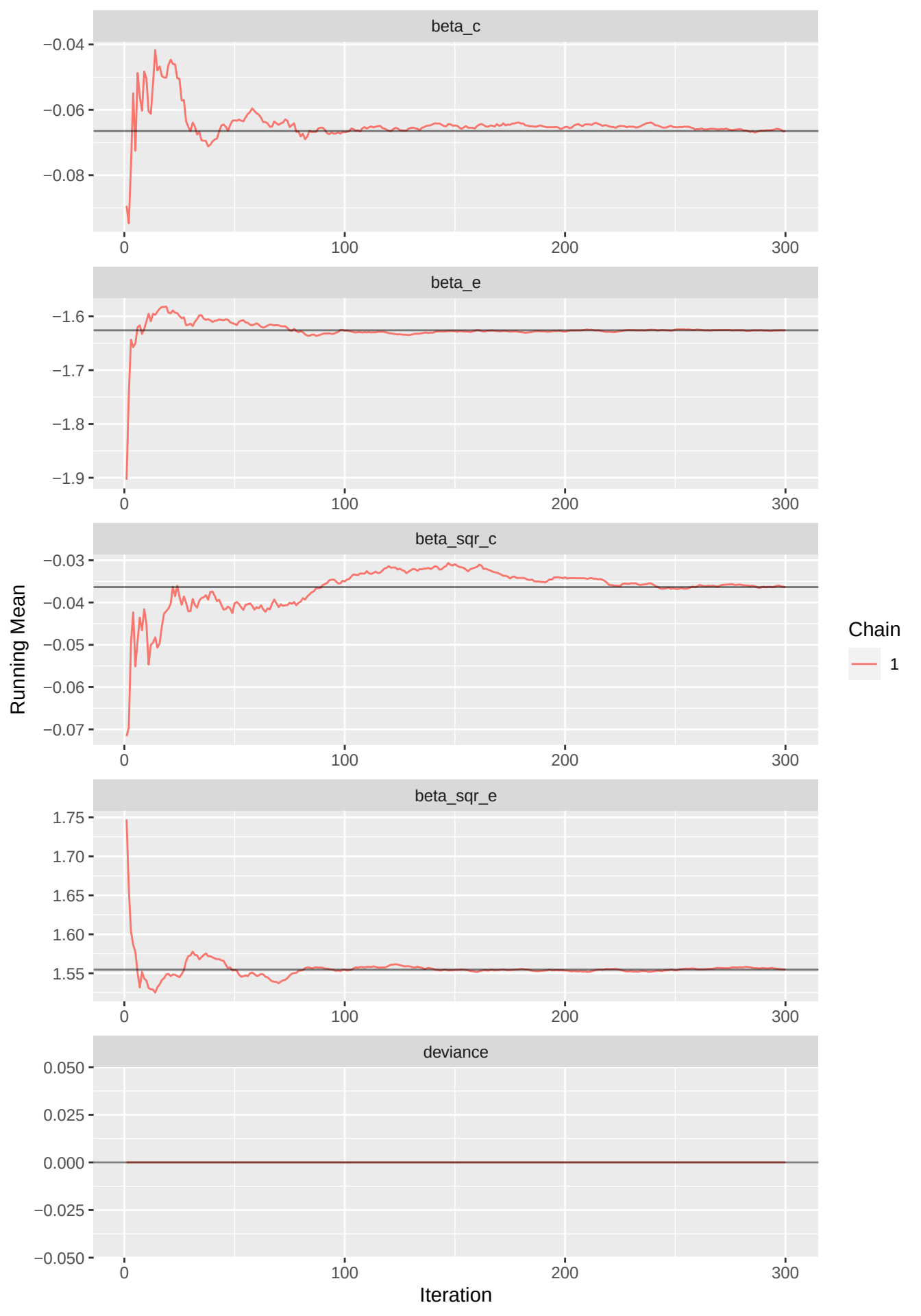

mu_c
mu_e
psi
count
value
30
20
10
0
−1.9
−1.8
−1.7
−1.6
−1.5
−2.6
−2.4
−2.2
0.4
0.5
0.6
0.7

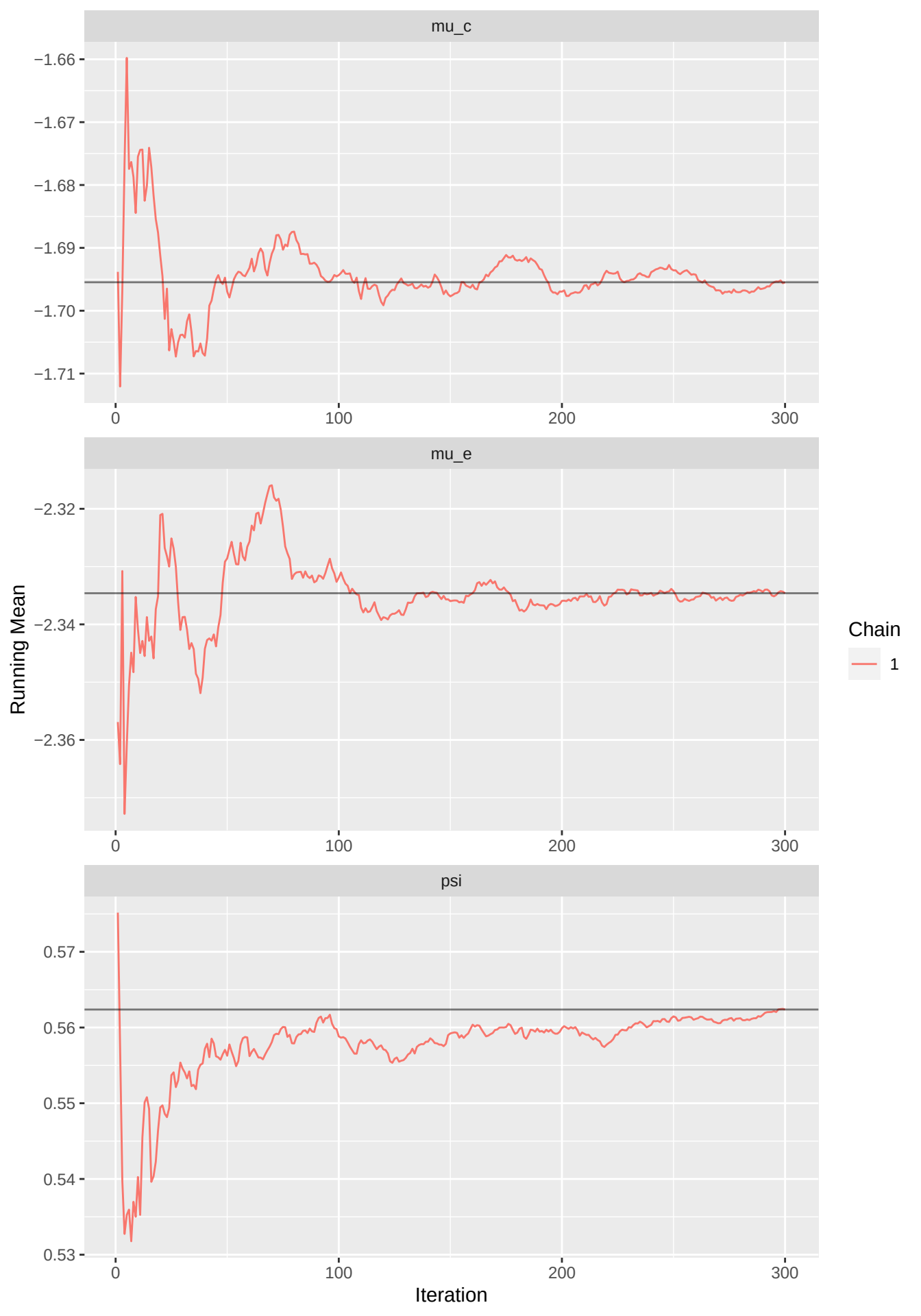

beta_c
6
4
2
0
−0.2
−0.1
0.0
0.1
beta_e
3
2
1
0
−2.0
−1.8
−1.6
−1.4
beta_sqr_c
7.5
5.0
2.5
0.0
−0.1
0.0
density
beta_sqr_e
3
2
1
0
1.4
1.6
1.8
deviance
1.0
0.5
0.0
−0.050
−0.025
0.000
0.025
0.05
value

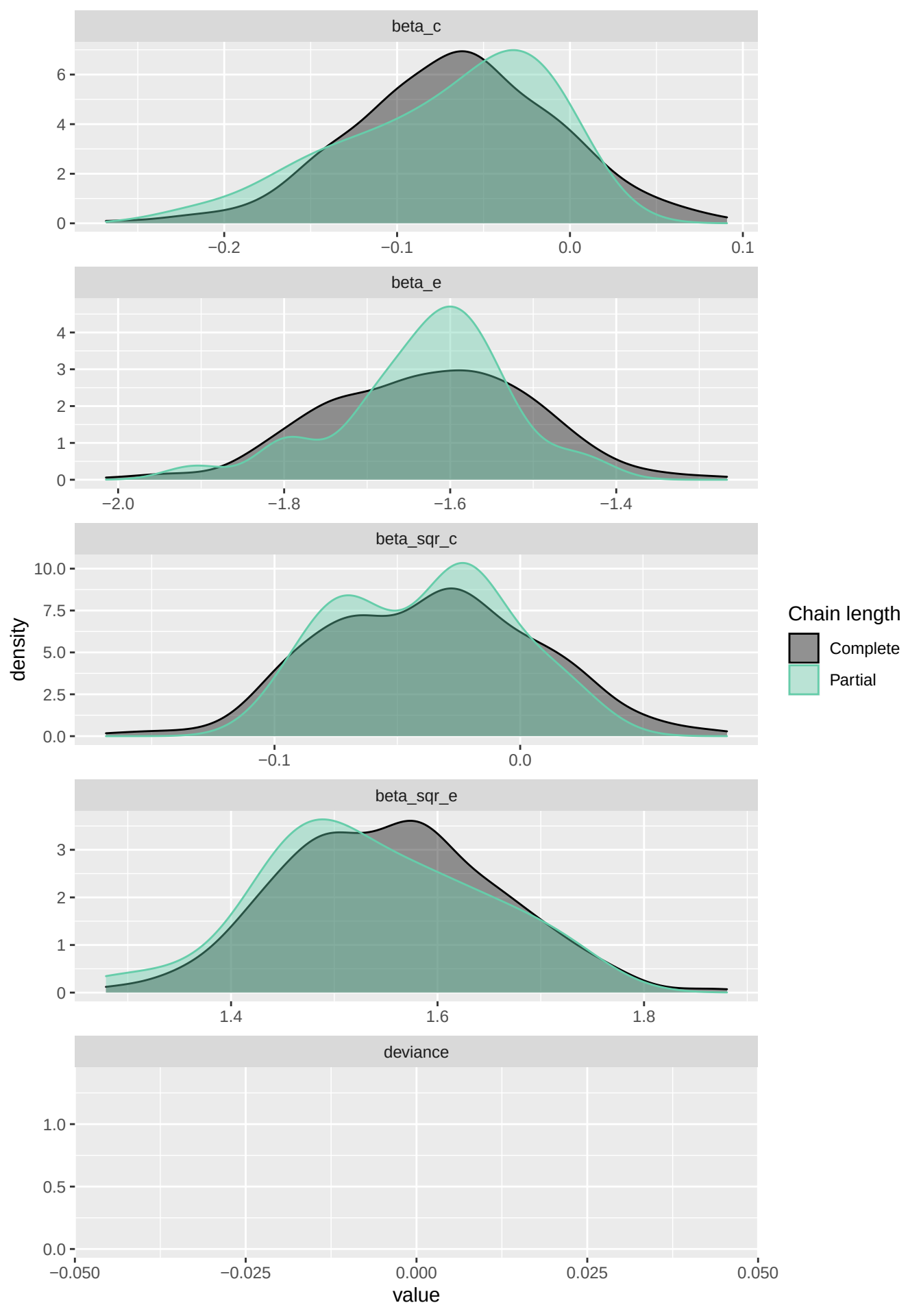

mu_c
mu_e
psi
density
value
5
4
3
2
1
0
−1.9
−1.8
−1.7
−1.6
−1.5
−2.6
−2.4
−2.2
6
0.4
0.5
0.6
0.7

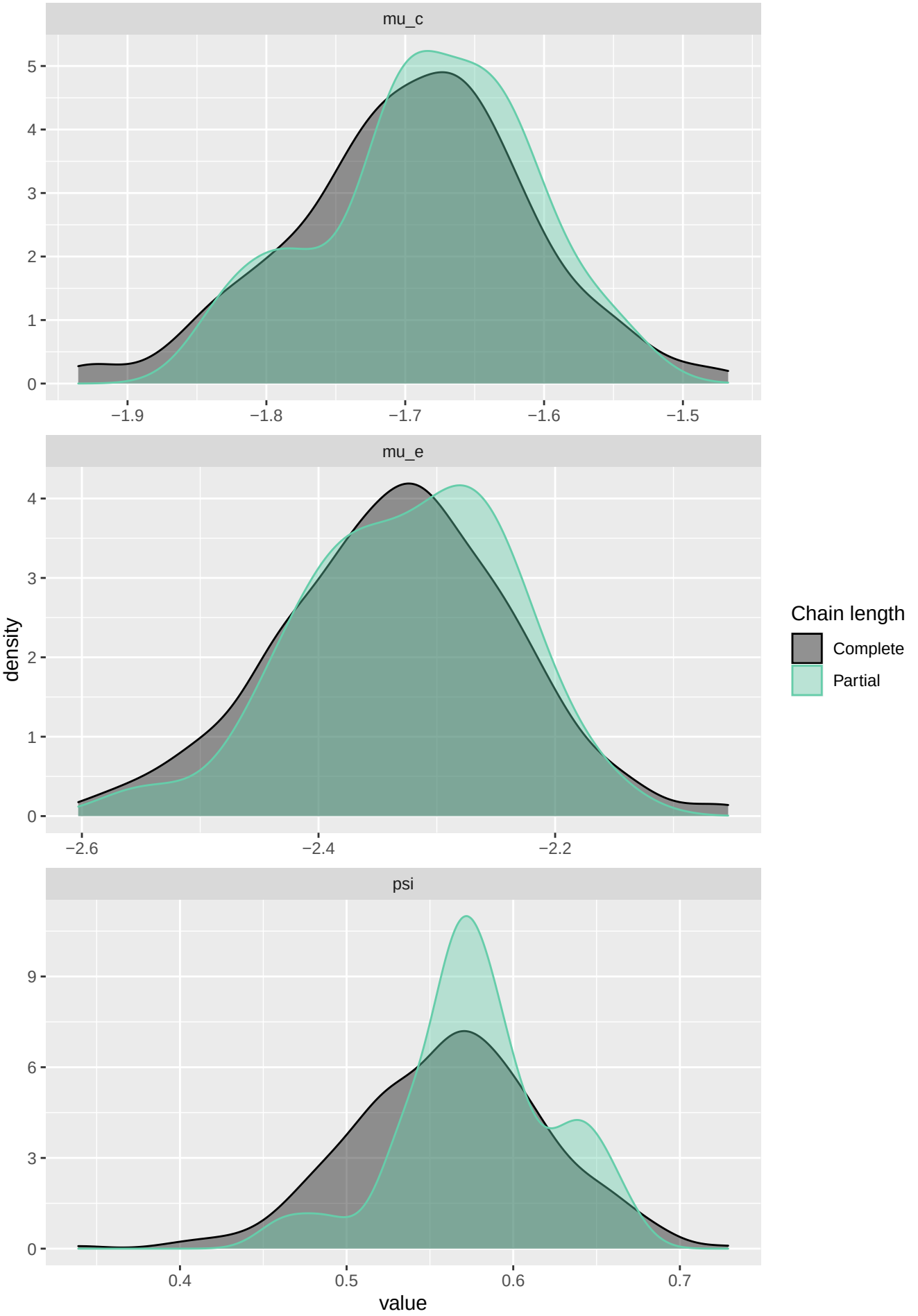

beta_c
0.1
0.0
−0.1
−0.2
0
100
200
300
beta_e
−1.4
−1.6
−1.8
−2.0
0
100
200
300
beta_sqr_c
0.0
−0.1
0
100
200
300
beta_sqr_e
1.8
1.6
1.4
0
100
200
300
deviance
0.050
0.025
0.000
−0.025
−0.050
0
100
200
300
value
Iteration

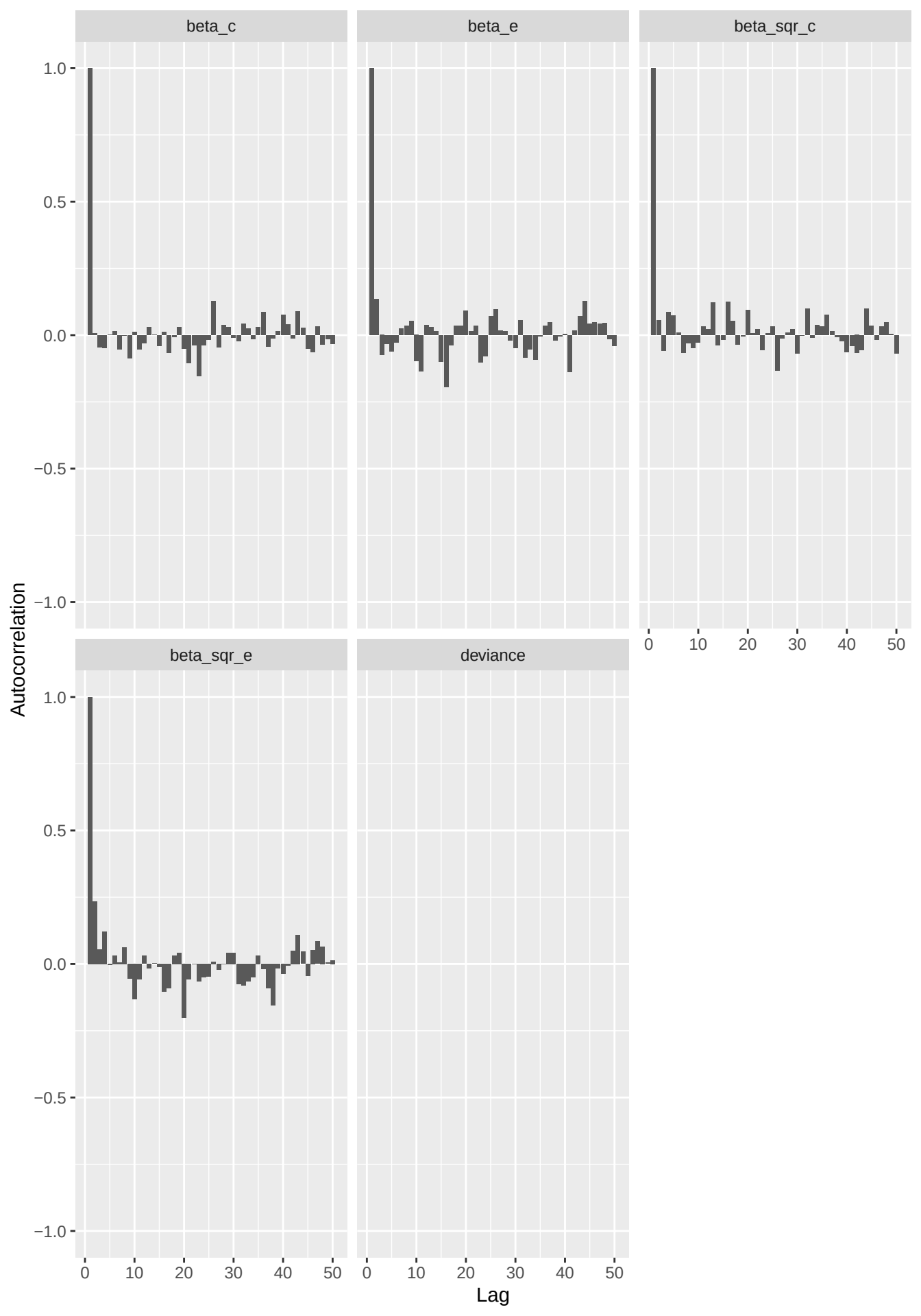

mu_c
−1.5
−1.6
−1.7
−1.8
−1.9
0
100
200
300
mu_e
−2.2
−2.4
−2.6
value
0
100
200
300
psi
0.7
0.6
0.5
0.4
0
100
200
300
Iteration

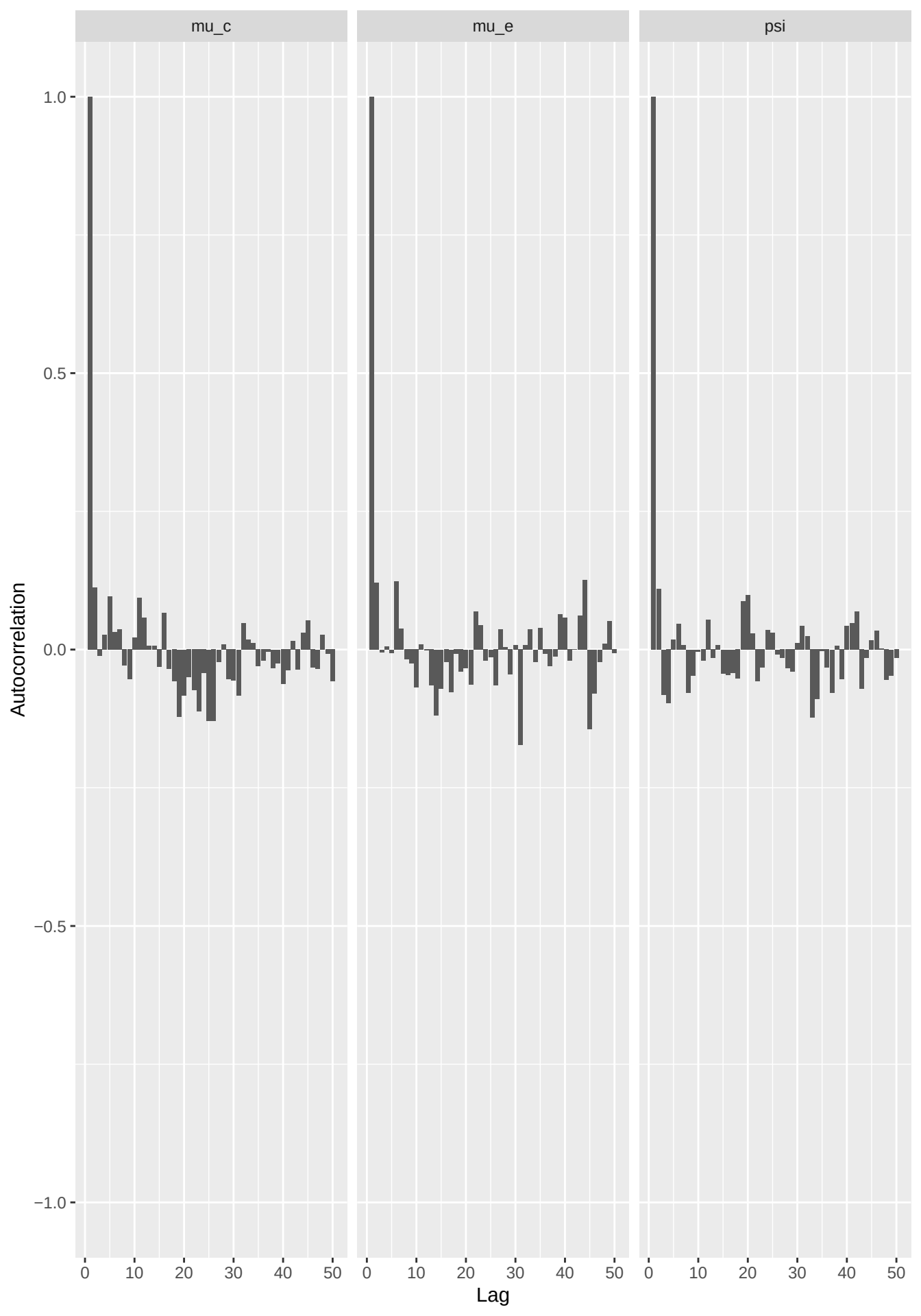

beta_c
−0.04
−0.06
−0.08
0
100
200
300
beta_e
−1.6
−1.7
−1.8
−1.9
0
100
200
300
beta_sqr_c
−0.03
−0.04
−0.05
−0.06
−0.07
0
100
200
300
beta_sqr_e
1.75
1.70
1.65
1.60
1.55
0
100
200
300
deviance
0.050
0.025
0.000
−0.025
−0.050
0
100
200
300
Running Mean
Iteration
Chain
1

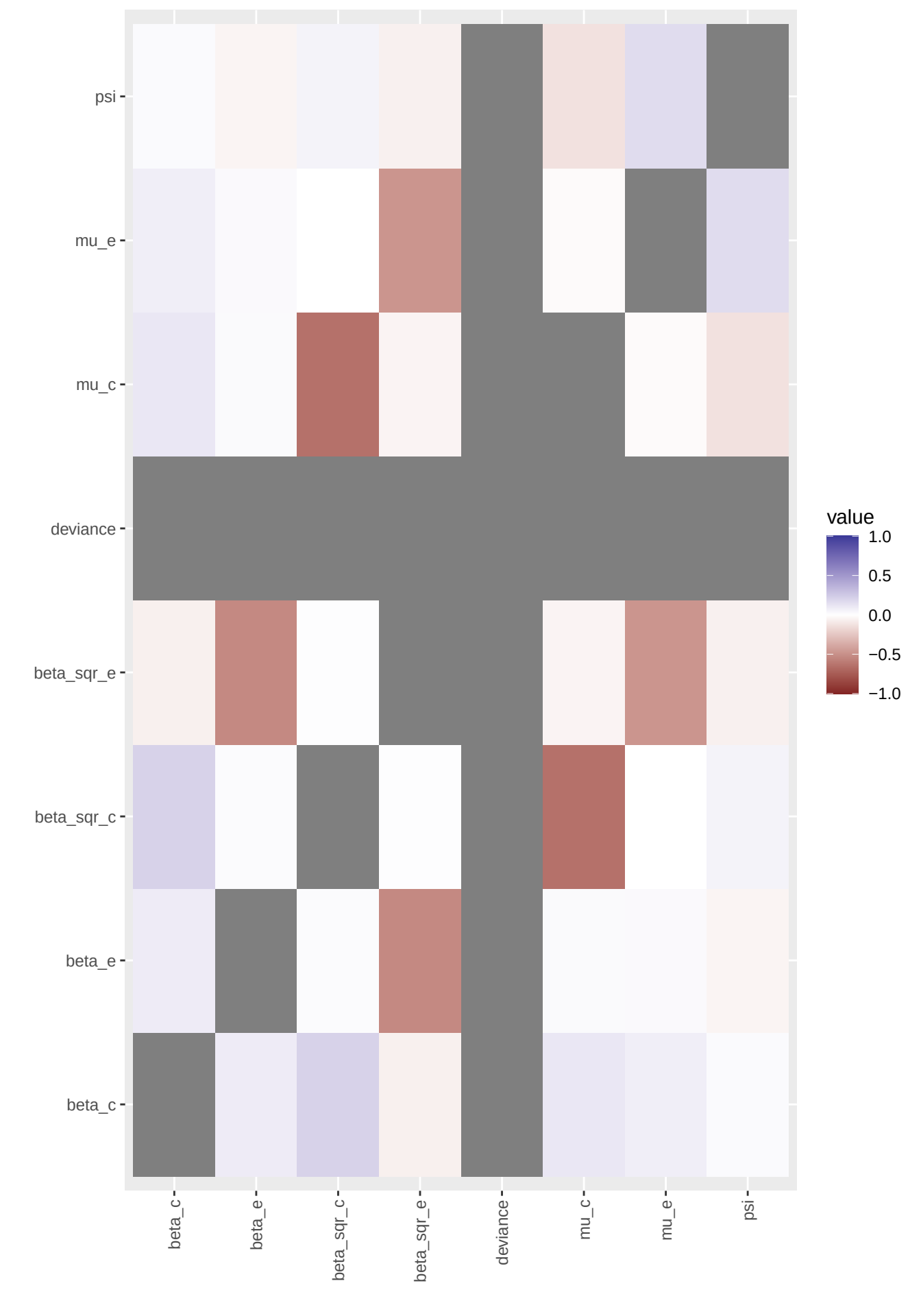

mu_c
−1.66
−1.67
−1.68
−1.69
−1.70
−1.71
0
100
200
300
mu_e
−2.32
−2.34
−2.36
0
100
200
300
psi
0.57
0.56
0.55
0.54
0.53
0
100
200
300
Running Mean
Iteration
Chain
1

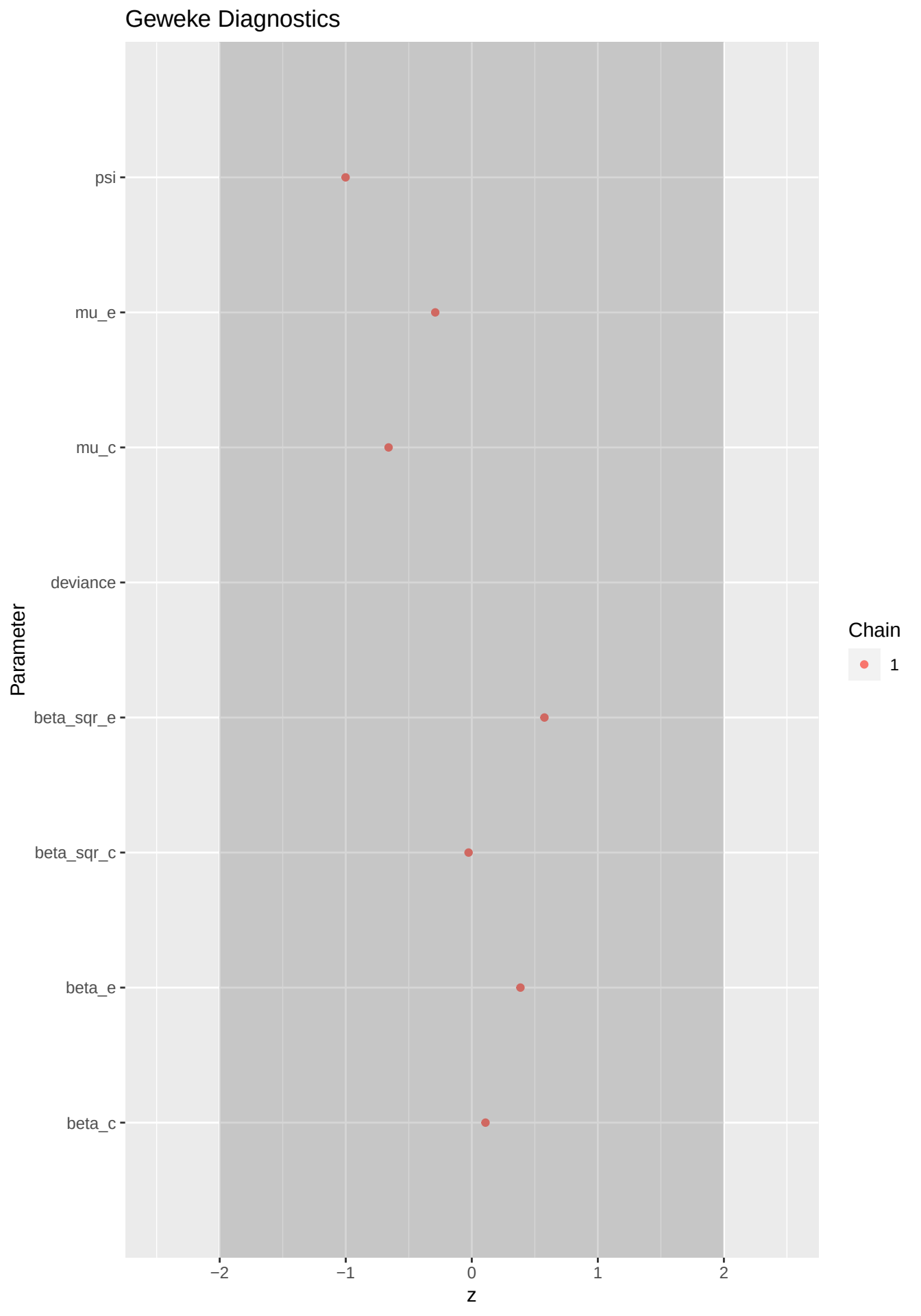

beta_c
beta_e
beta_sqr_c
beta_sqr_e
deviance
density
value
Chain length
Complete
Partial


mu_c
mu_e
psi
density
value
Chain length
Complete
Partial


beta_c
beta_e
beta_sqr_c
beta_sqr_e
deviance
Autocorrelation
Lag
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50


mu_c
mu_e
psi
1.0
0.5
0.0
−0.5
−1.0
Autocorrelation
0
10
20
30
40
50
Lag


psi
mu_e
mu_c
deviance
beta_sqr_e
beta_sqr_c
beta_e
beta_c
beta_c
beta_e
beta_sqr_c
beta_sqr_e
deviance
mu_c
mu_e
psi
value
1.0
0.5
0.0
−0.5
−1.0


Geweke Diagnostics
psi
mu_e
mu_c
deviance
beta_sqr_e
beta_sqr_c
beta_e
beta_c
Parameter
−2
−1
0
1
2
z
Chain
1