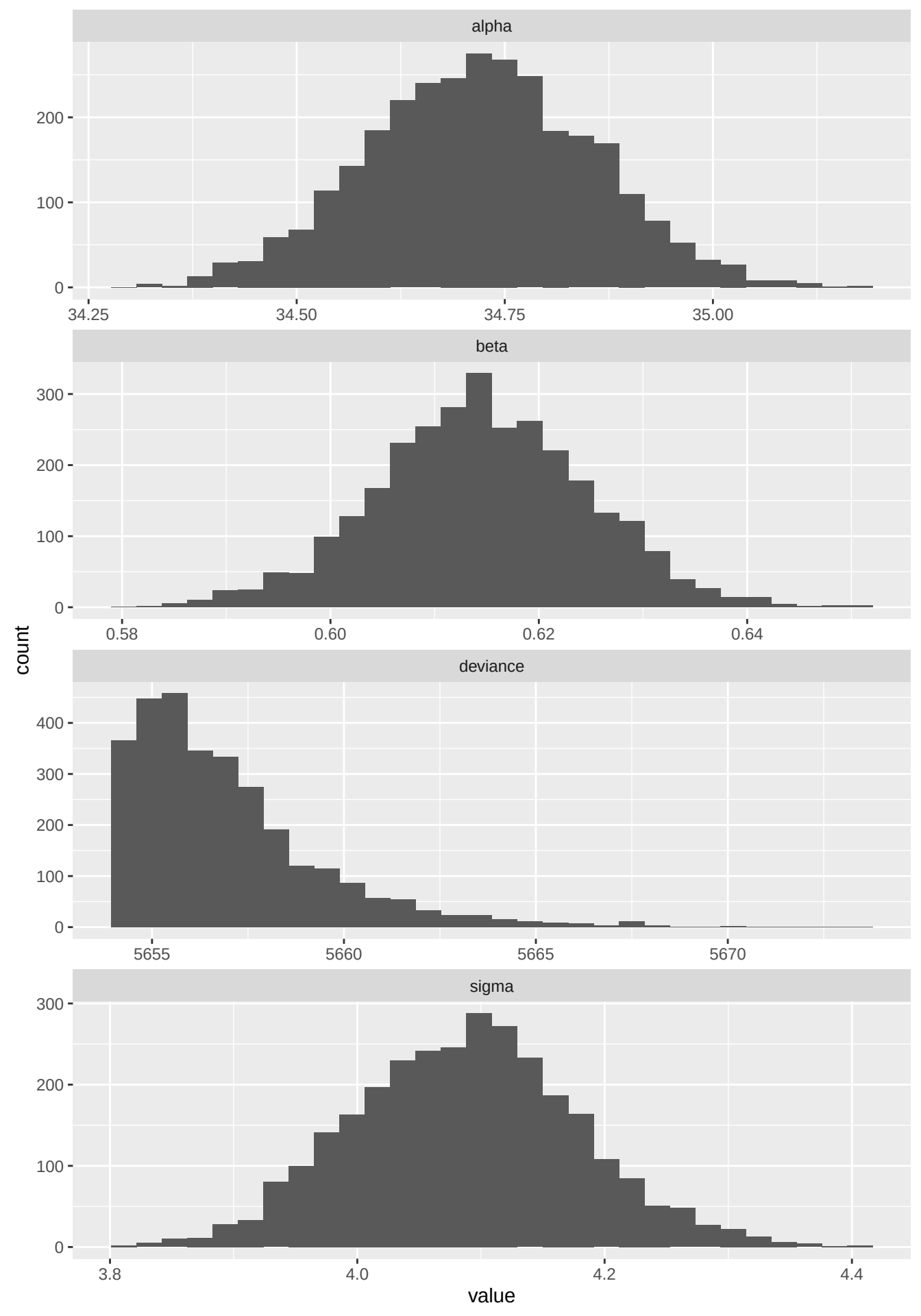
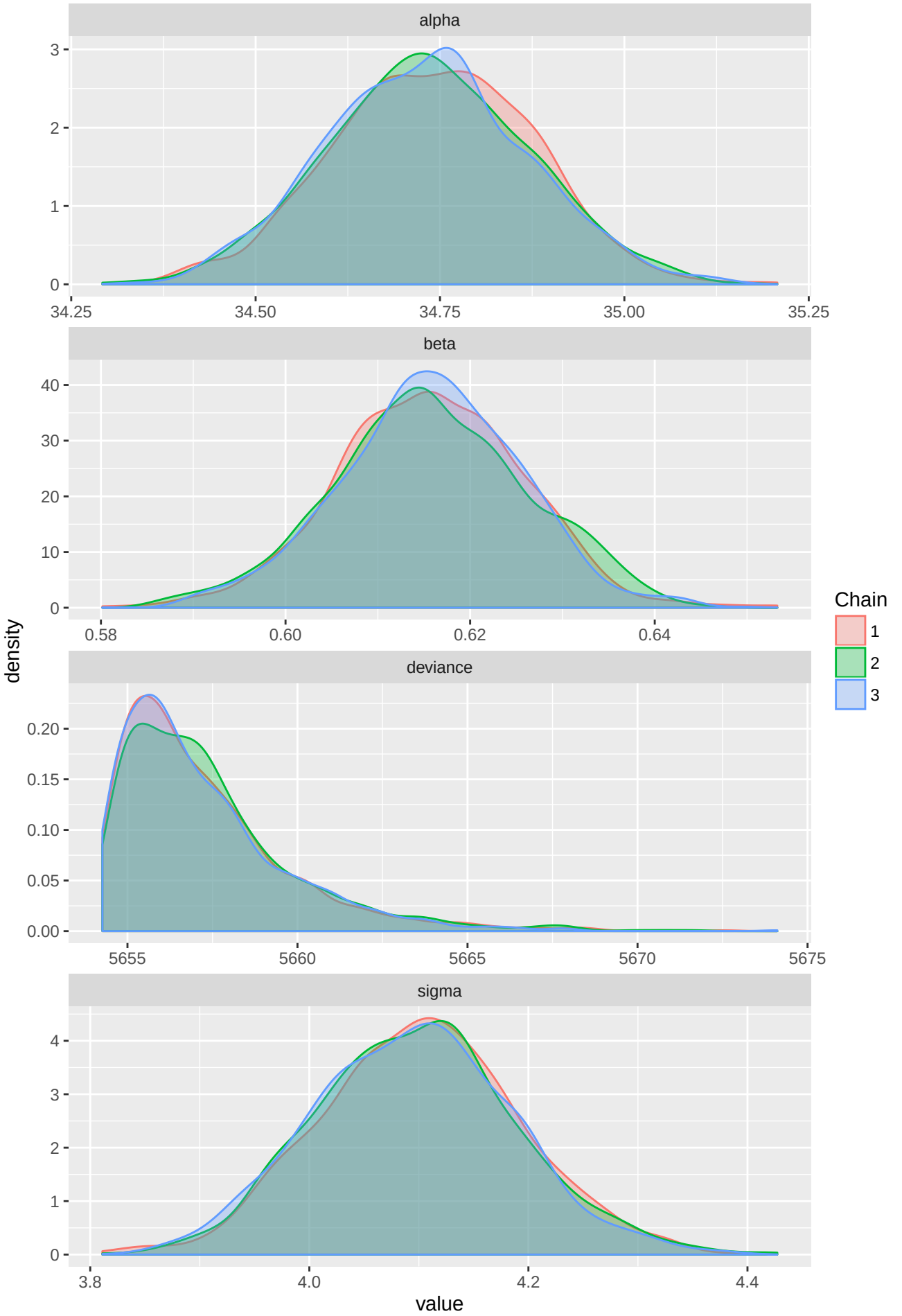
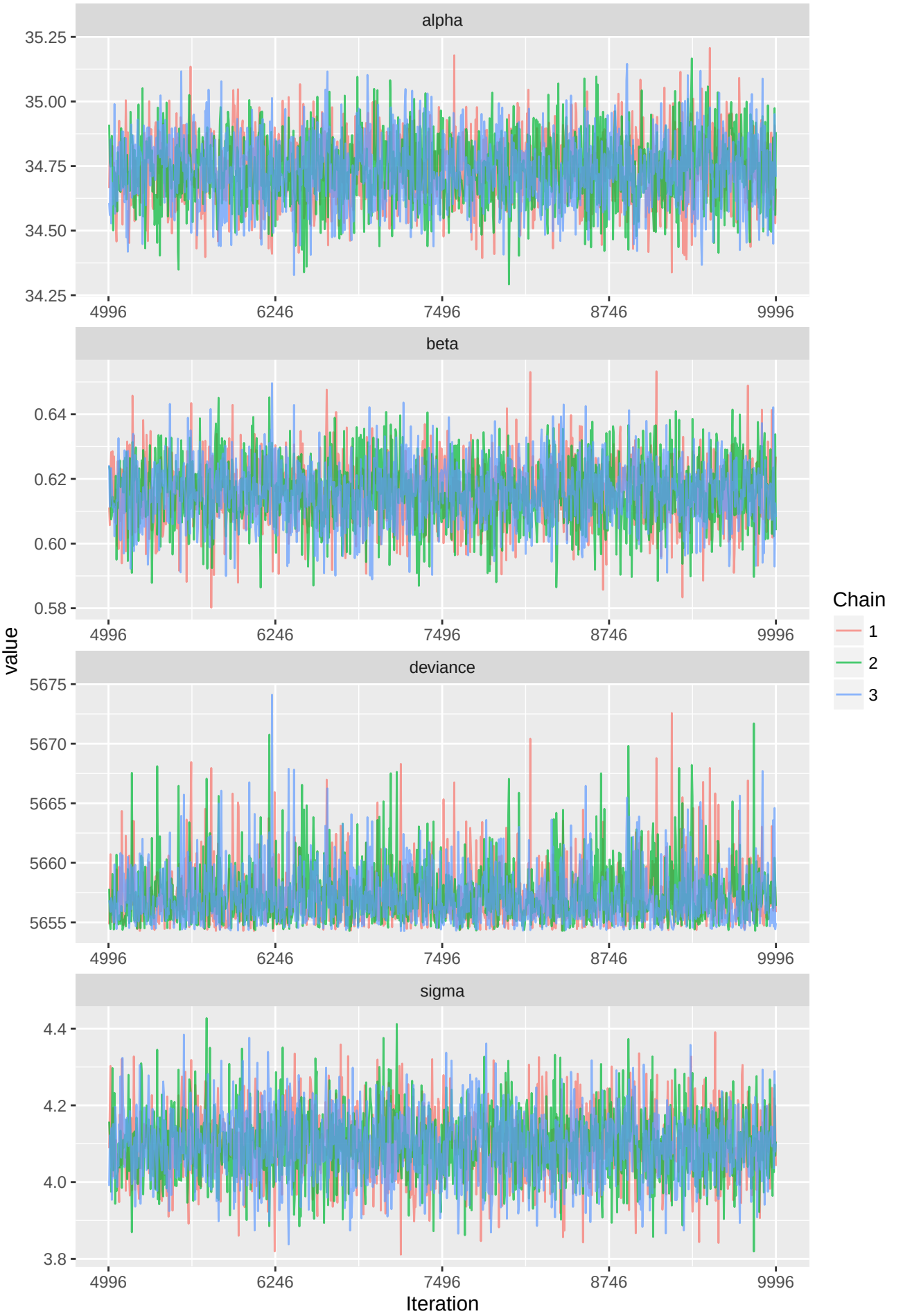
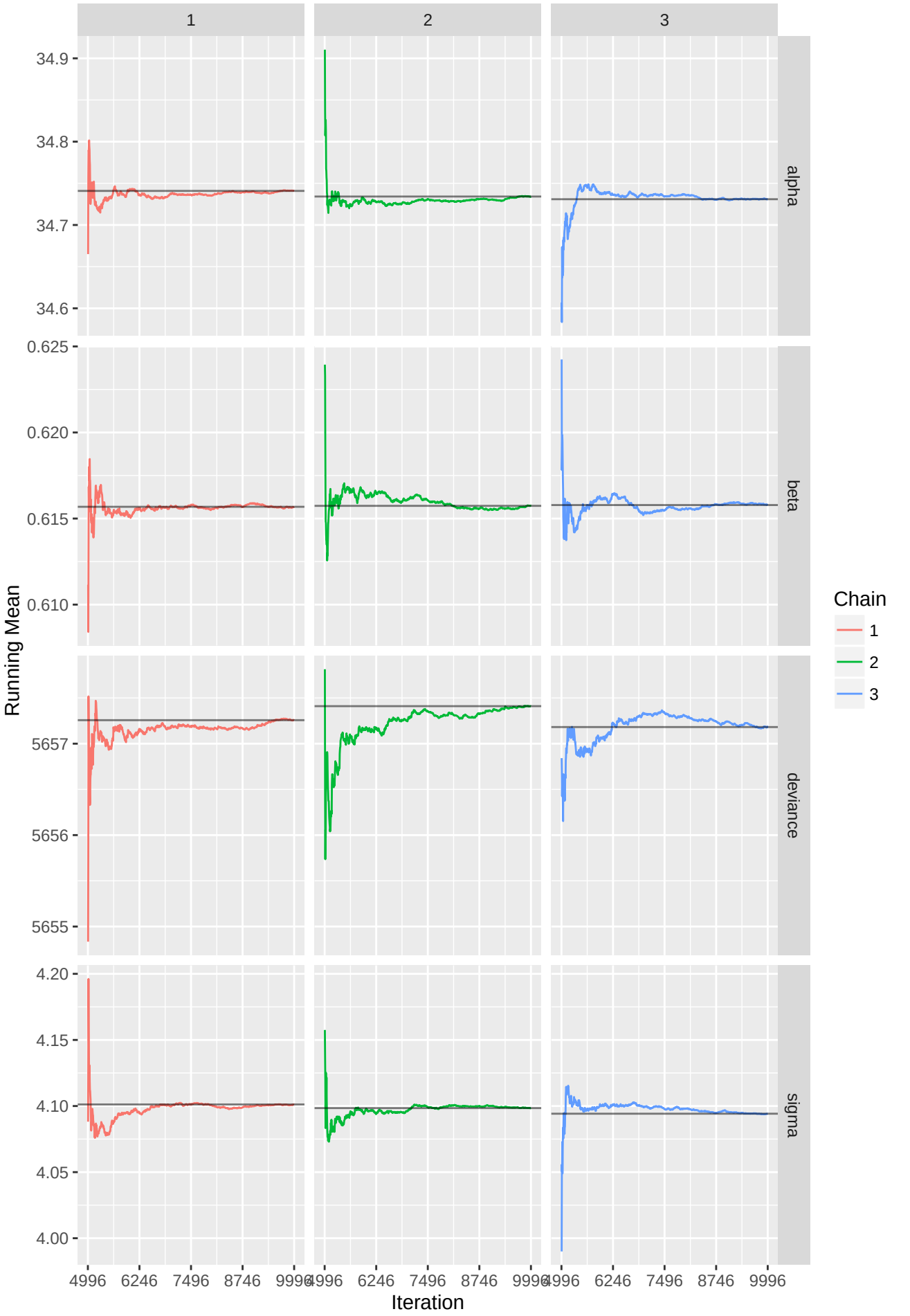
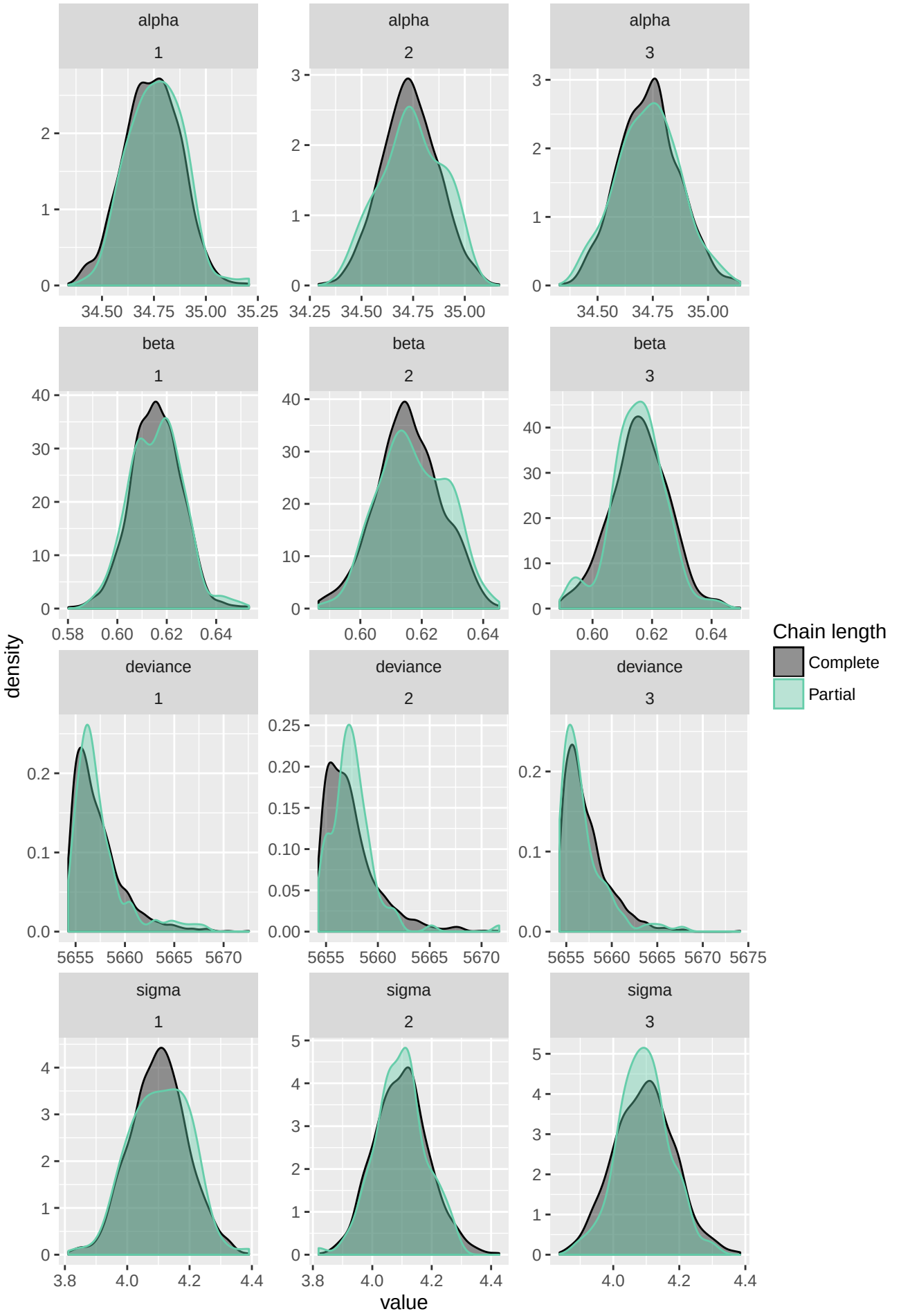
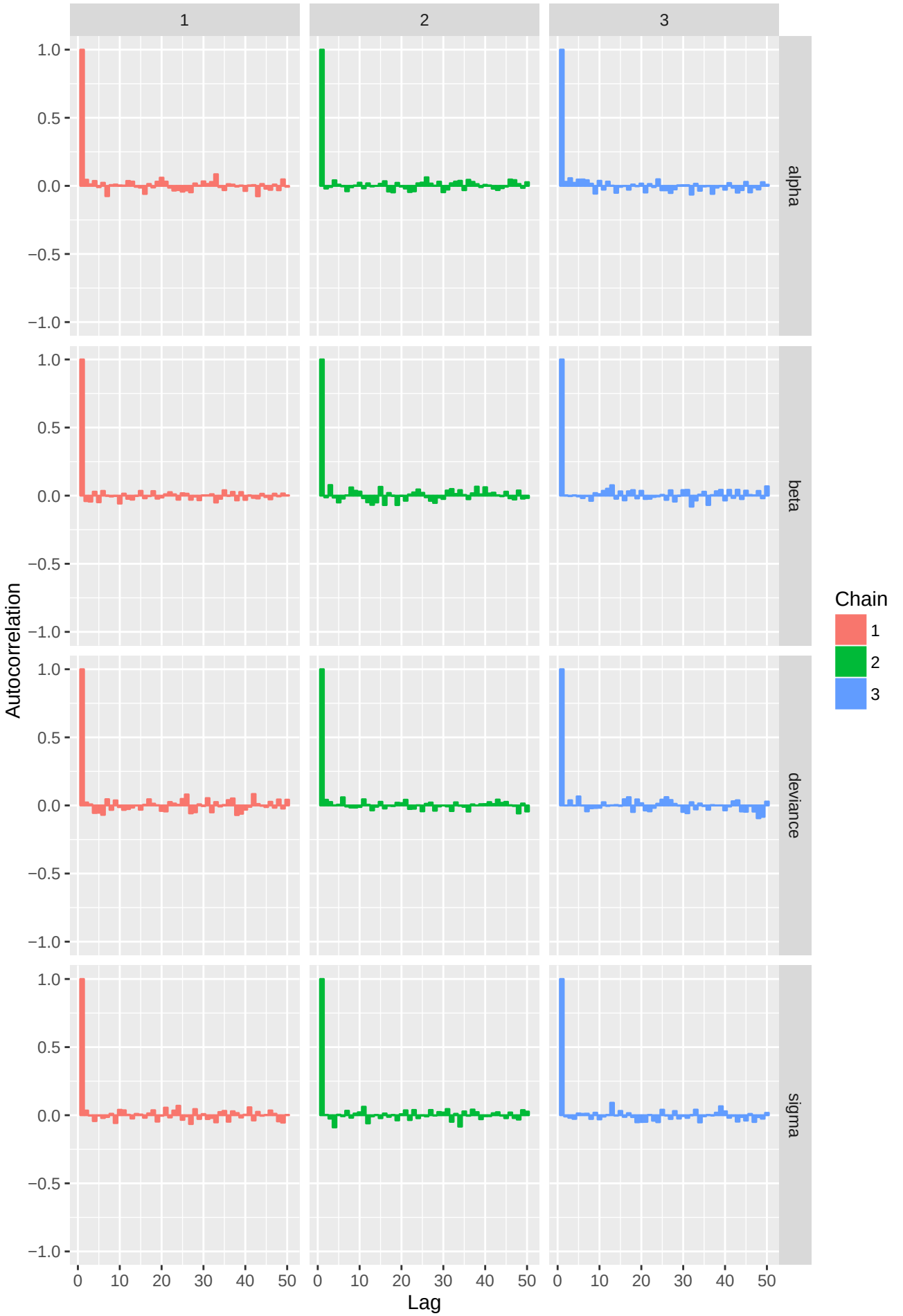

alpha
beta
deviance
sigma
count
value
0
100
200
300
400
34.25
34.50
34.75
35.00
0.58
0.60
0.62
0.64
5655
5660
5665
5670
3.8
4.0
4.2
4.4

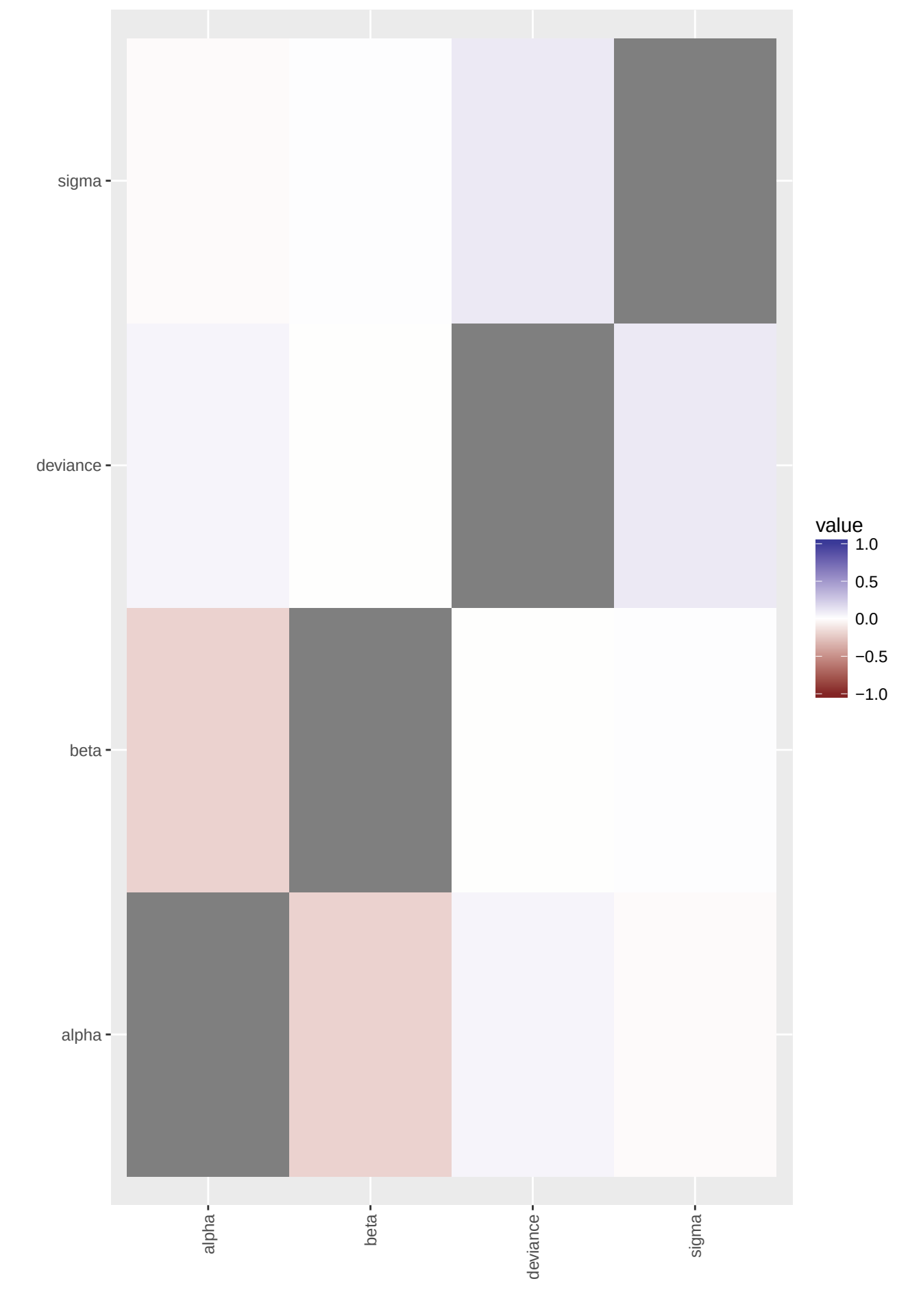

alpha
beta
deviance
sigma
density
value
Chain
1
2
3
34.25
34.50
34.75
35.00
35.25
0.58
0.60
0.62
0.64
5655
5660
5665
5670
5675
3.8
4.0
4.2
4.4

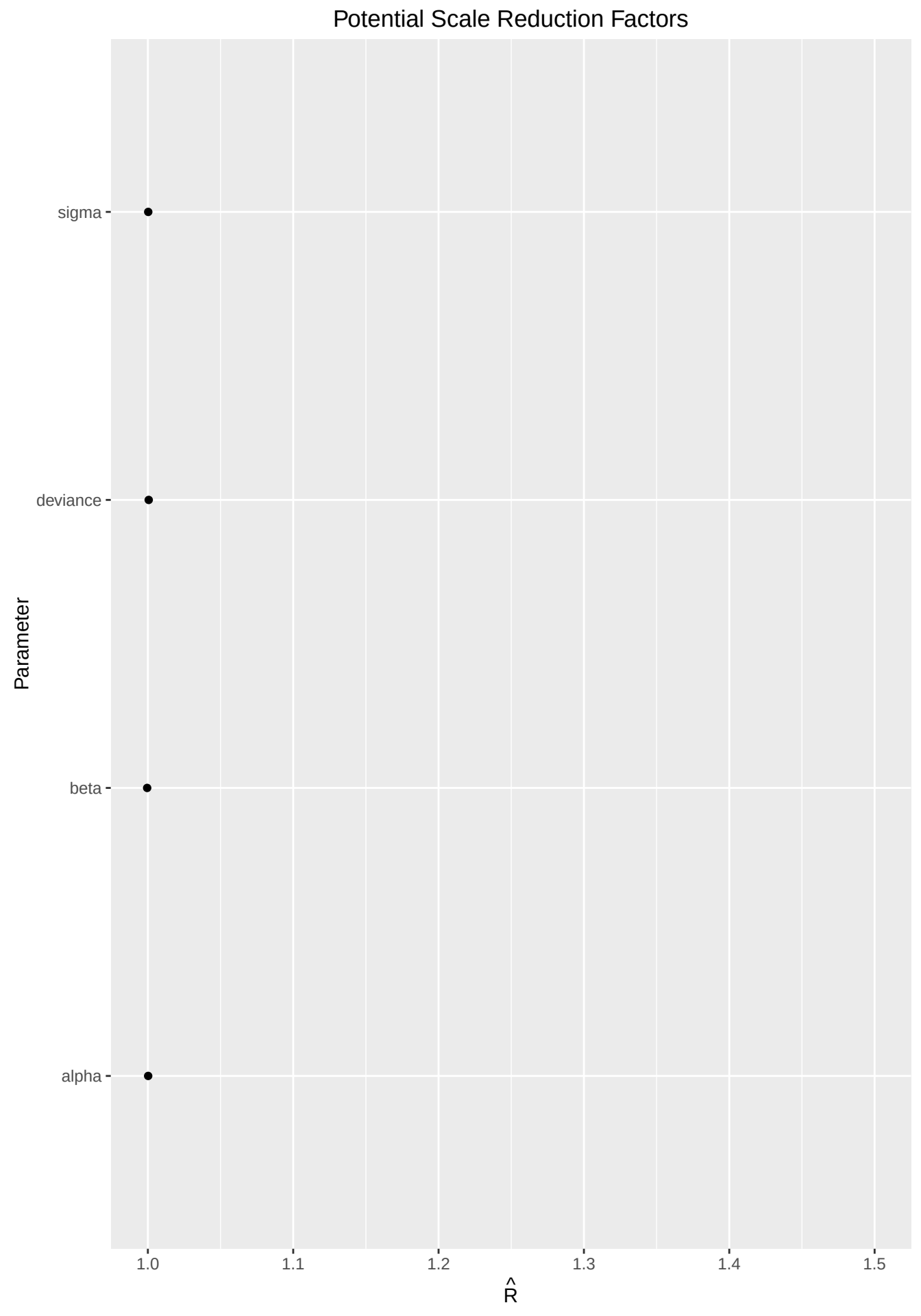

alpha
35.25
35.00
34.75
34.50
34.25
4996
6246
7496
8746
9996
beta
0.64
0.62
0.60
0.58
4996
6246
7496
8746
9996
deviance
5675
5670
5665
5660
5655
4996
6246
7496
8746
9996
sigma
4.4
4.2
4.0
3.8
4996
6246
7496
8746
9996
value
Iteration
Chain
1
2
3

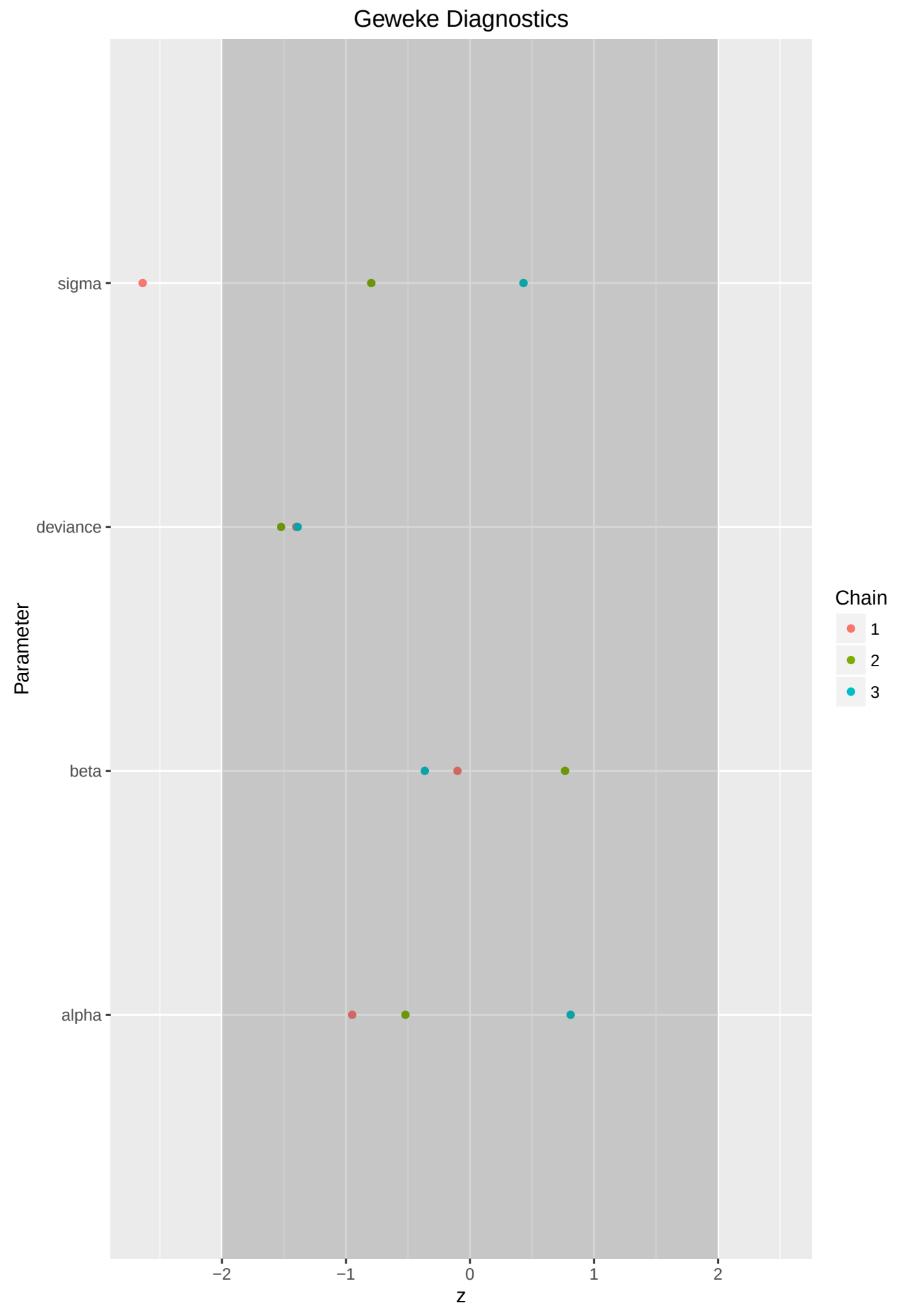

1
2
3
alpha
beta
deviance
sigma
Running Mean
Iteration
Chain
1
2
3
34.9
34.8
34.7
34.6
0.625
0.620
0.615
0.610
5657
5656
5655
4.20
4.15
4.10
4.05
4.00
4996
6246
7496
8746
9996


alpha
1
alpha
2
alpha
3
beta
1
beta
2
beta
3
deviance
1
deviance
2
deviance
3
sigma
1
sigma
2
sigma
3
density
value
Chain length
Complete
Partial


1
2
3
alpha
beta
deviance
sigma
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Autocorrelation
Lag
Chain
1
2
3


sigma
deviance
beta
alpha
alpha
beta
deviance
sigma
value
1.0
0.5
0.0
−0.5
−1.0


Potential Scale Reduction Factors
sigma
deviance
beta
alpha
Parameter
1.0
1.1
1.2
1.3
1.4
1.5
R̂


Geweke Diagnostics
sigma
deviance
beta
alpha
Parameter
−2
−1
0
1
2
z
Chain
1
2
3