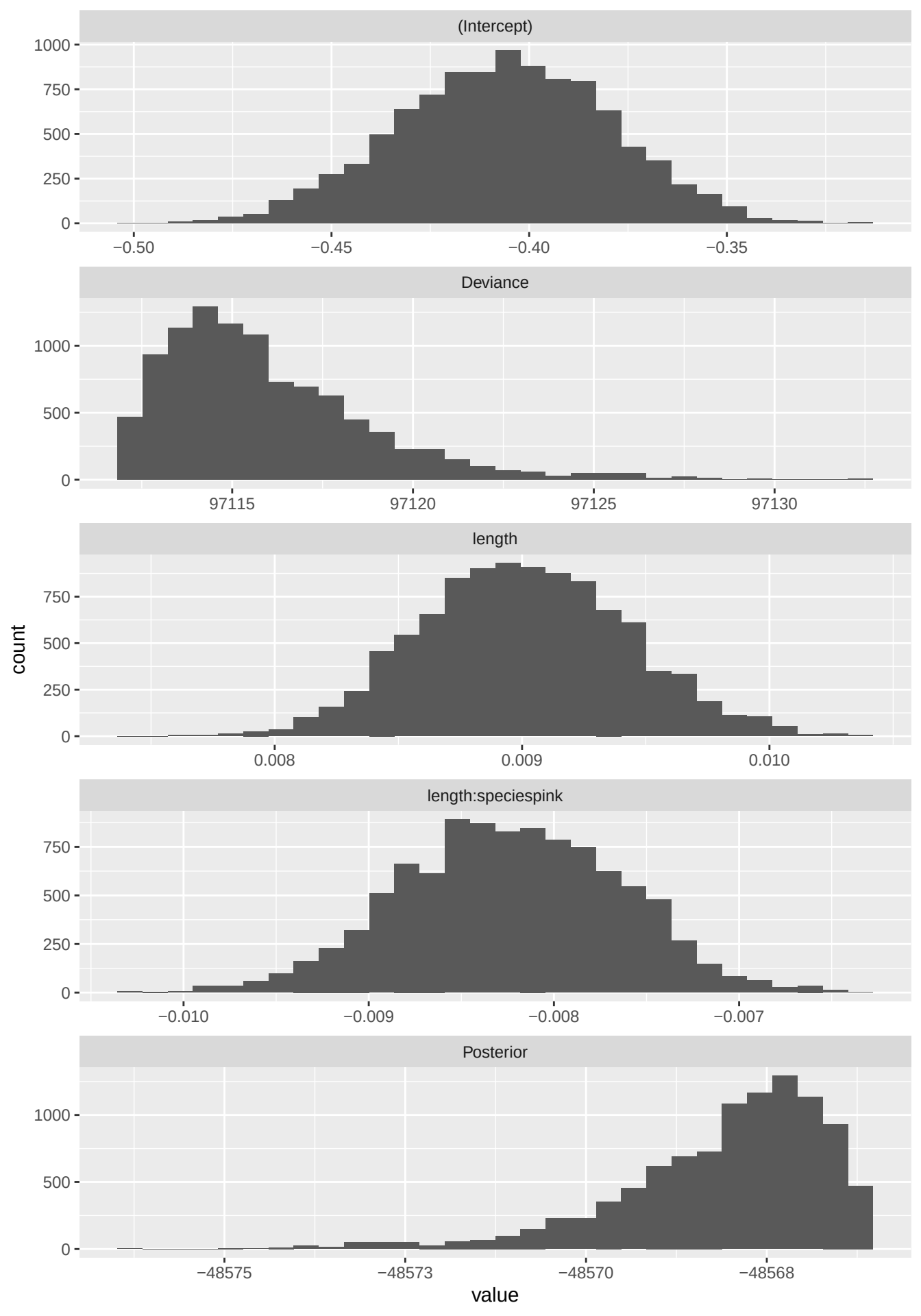
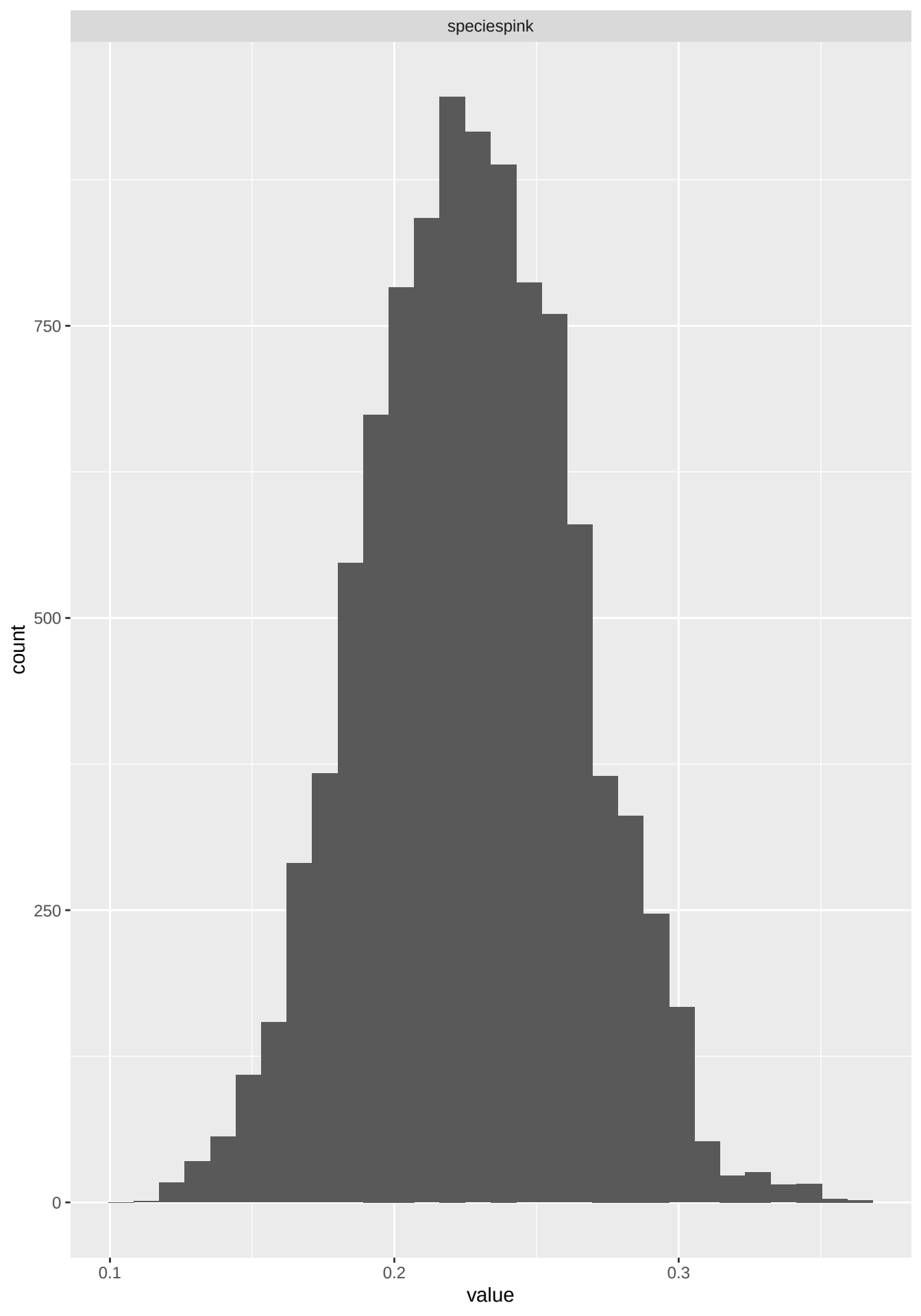
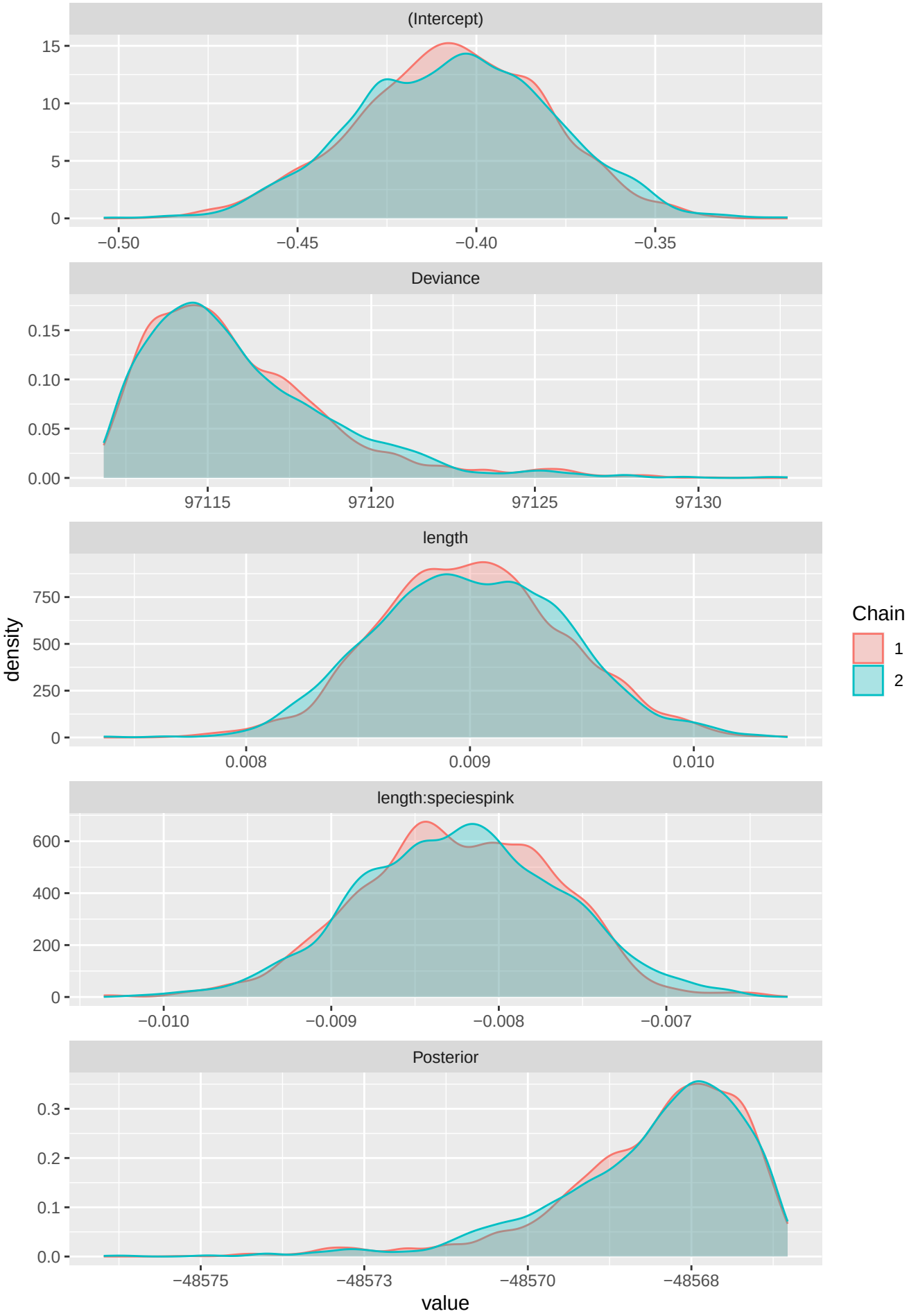
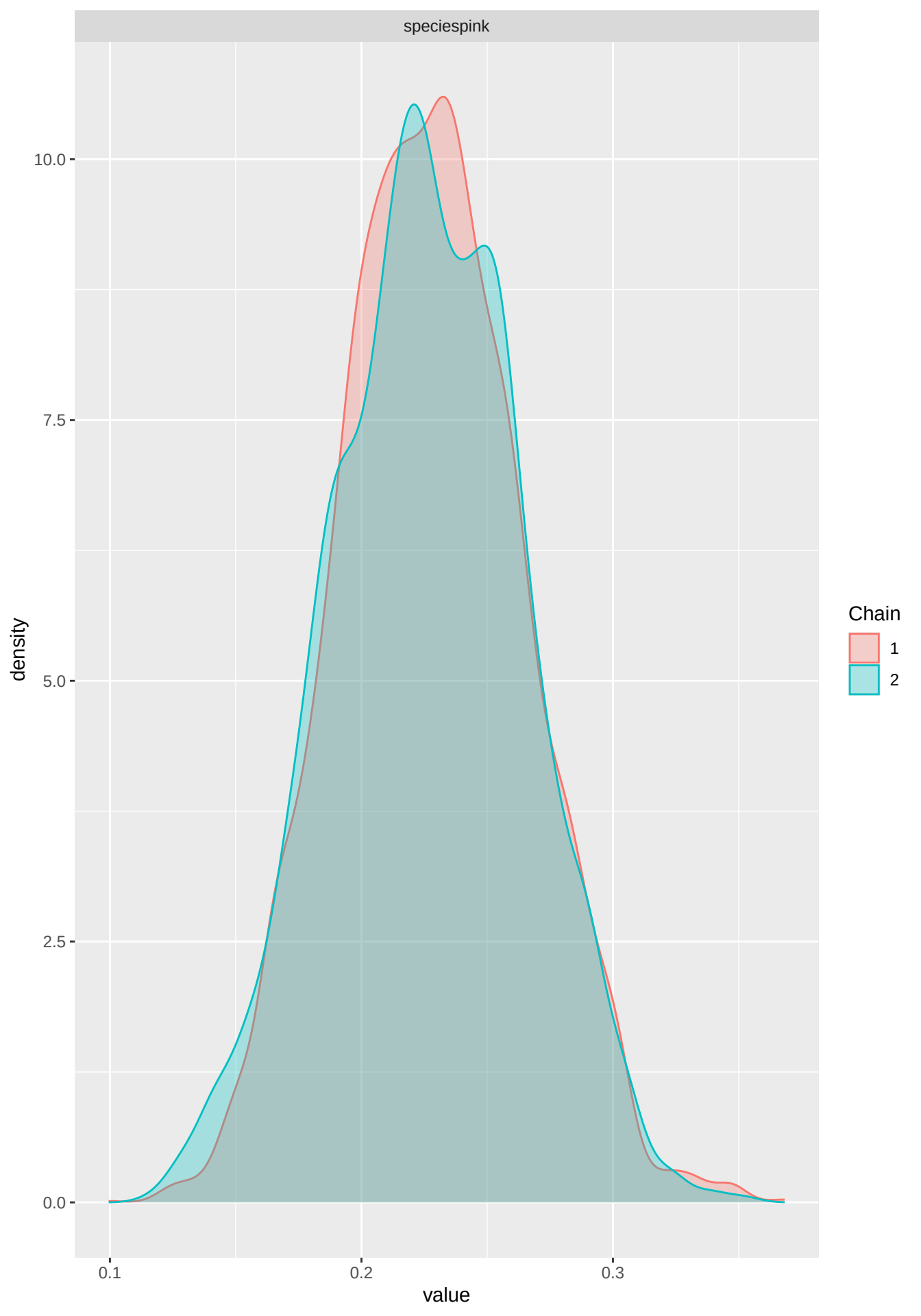
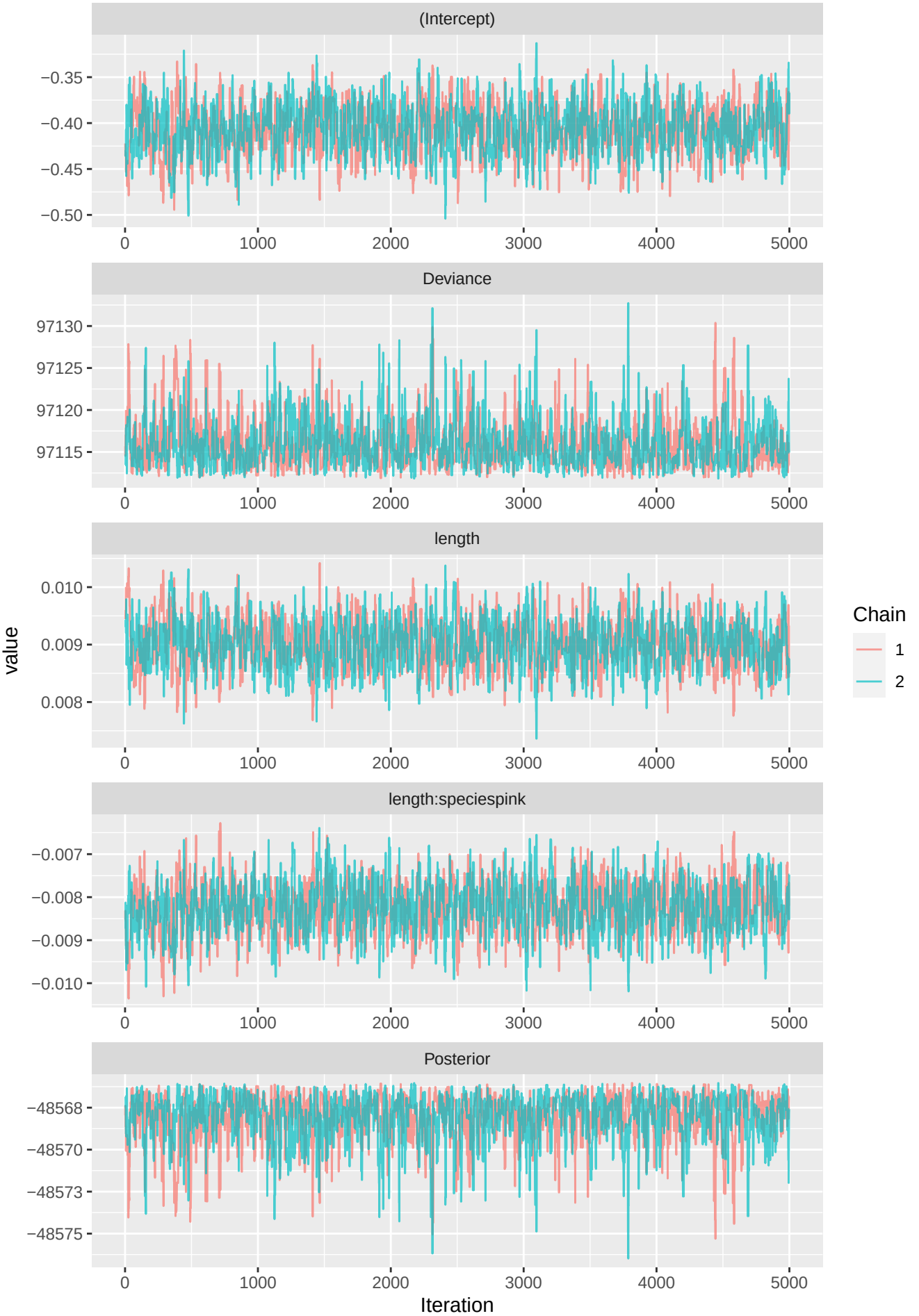
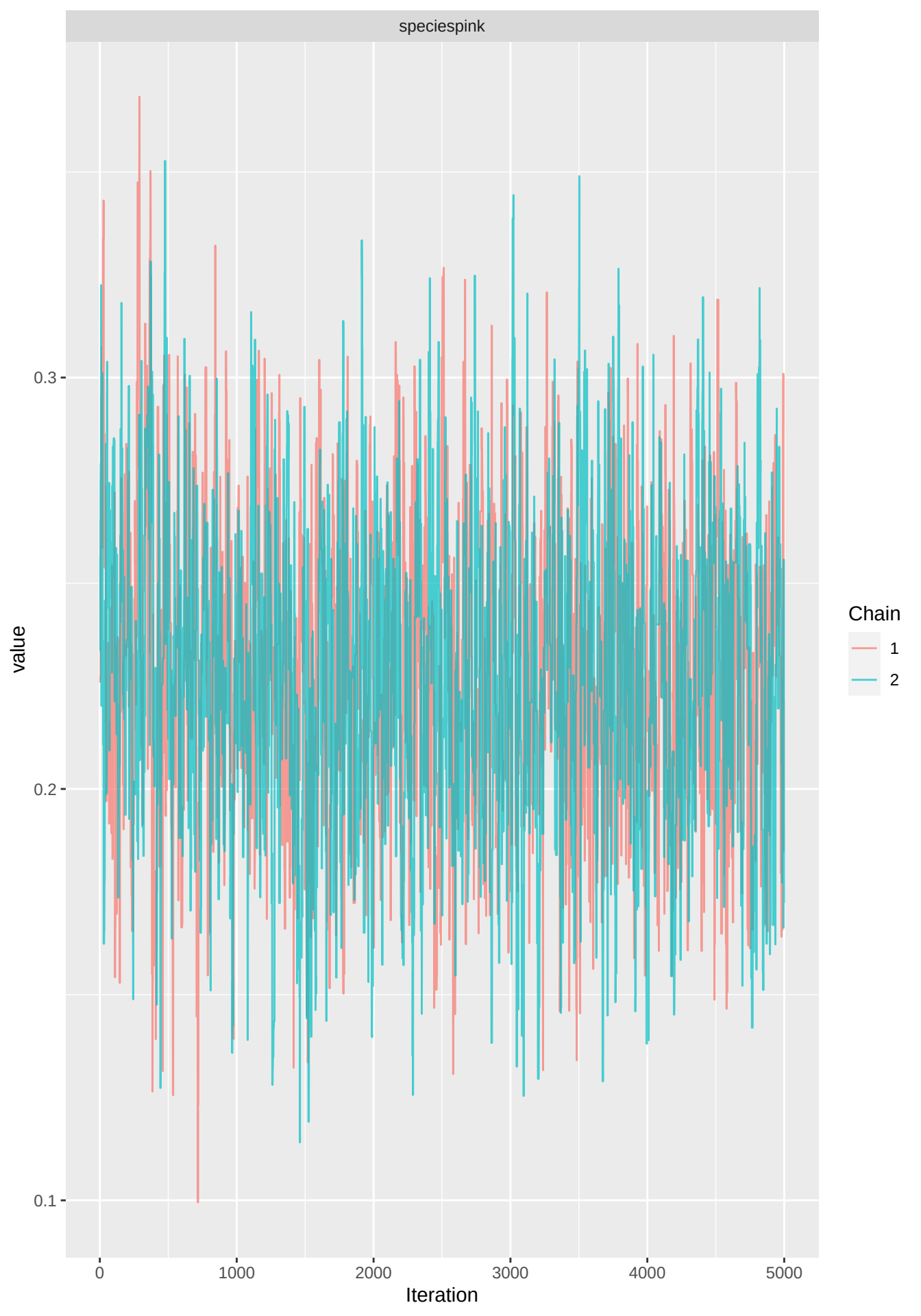

(Intercept)
1000
750
500
250
0
−0.50
−0.45
−0.40
−0.35
Deviance
1000
500
0
97115
97120
97125
97130
length
750
500
250
0
0.008
0.009
0.010
count
length:speciespink
750
500
250
0
−0.010
−0.009
−0.008
−0.007
Posterior
1000
500
0
−48575
−48573
−48570
−48568
value

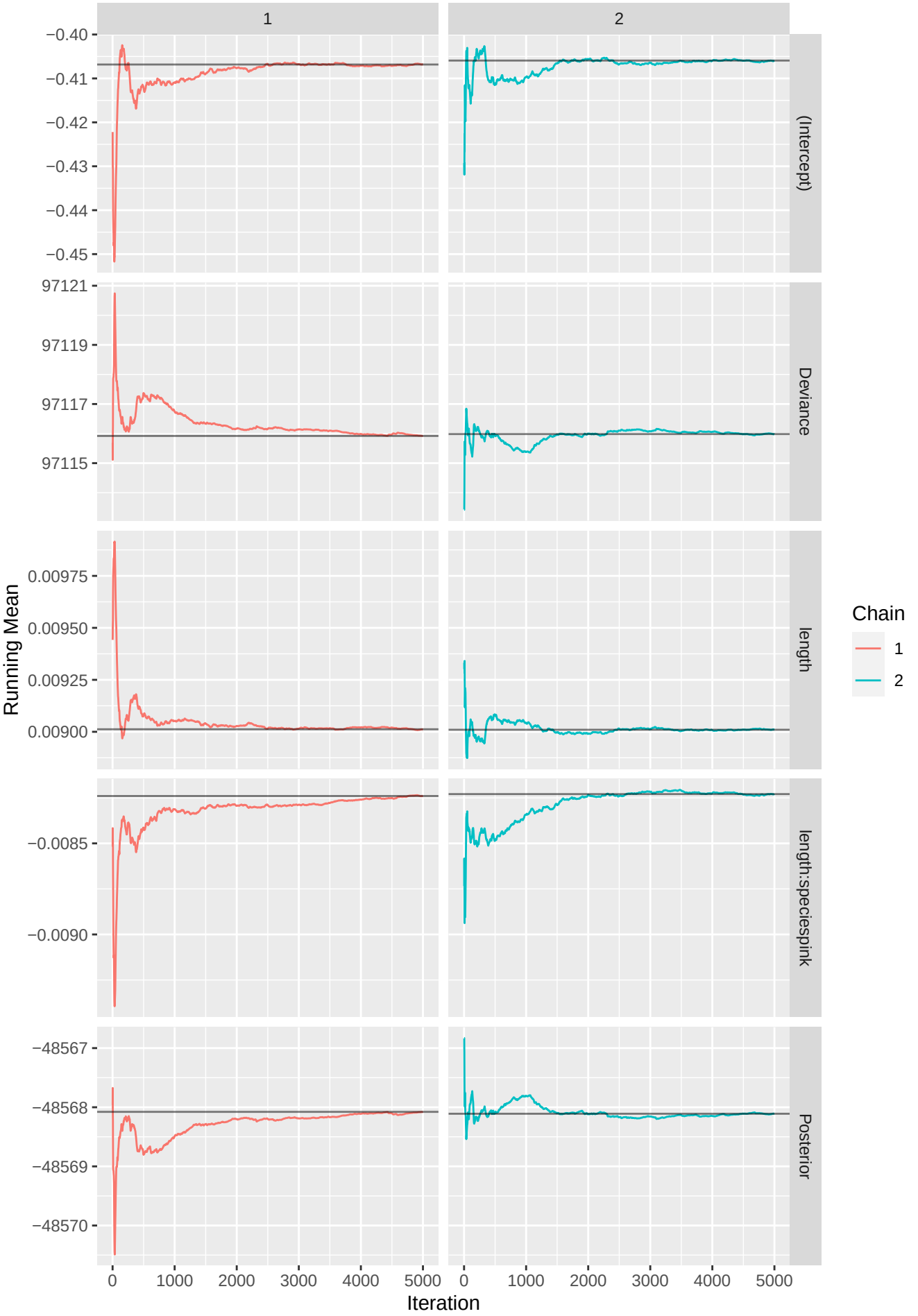

speciespink
750
500
250
0
count
0.1
0.2
0.3
value

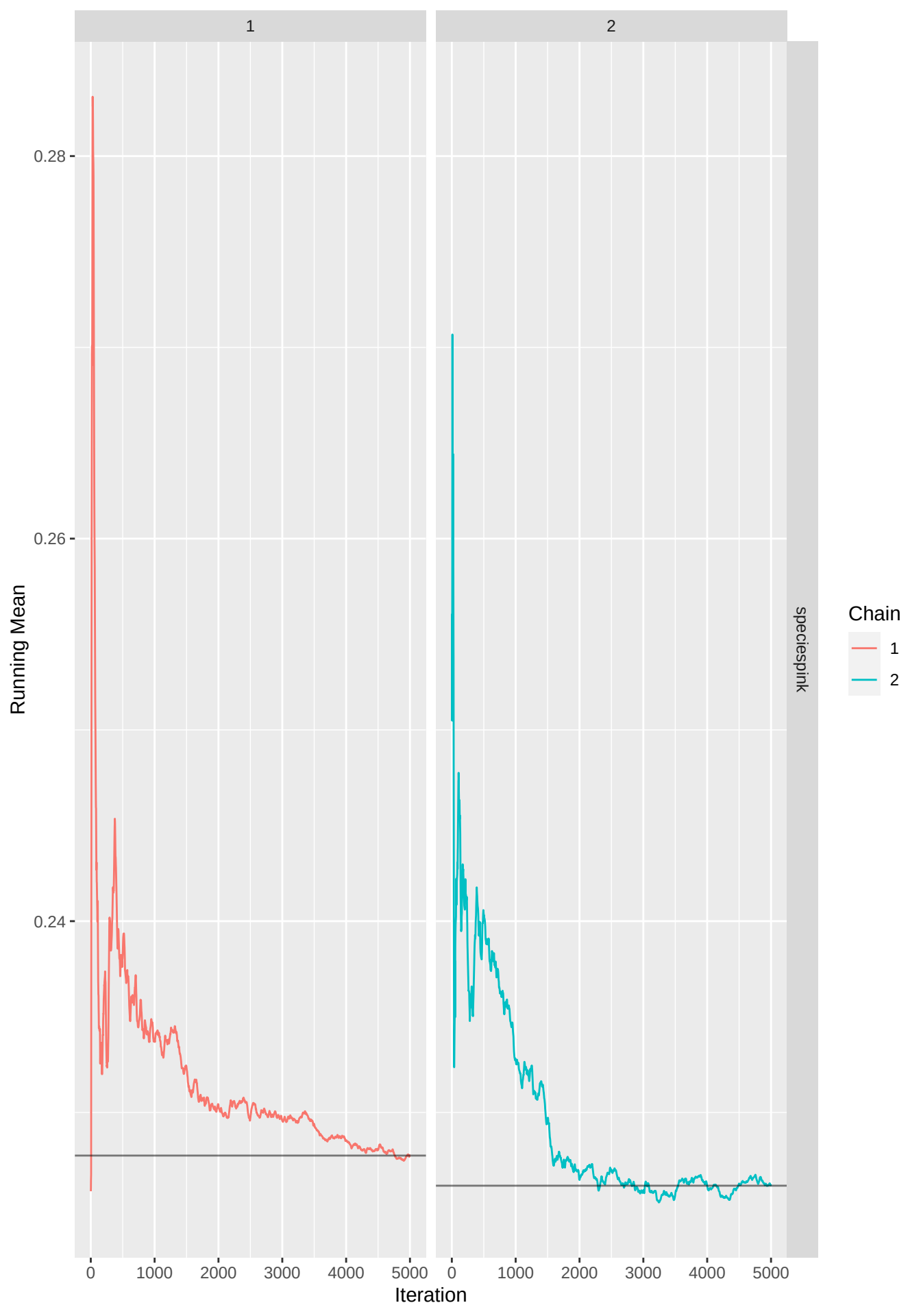

(Intercept)
15
10
5
0
−0.50
−0.45
−0.40
−0.35
Deviance
0.15
0.10
0.05
0.00
97115
97120
97125
97130
length
750
500
250
0
0.008
0.009
0.010
length:speciespink
600
400
200
0
−0.010
−0.009
−0.008
−0.007
Posterior
0.3
0.2
0.1
0.0
−48575
−48573
−48570
−48568
density
value
Chain
1
2

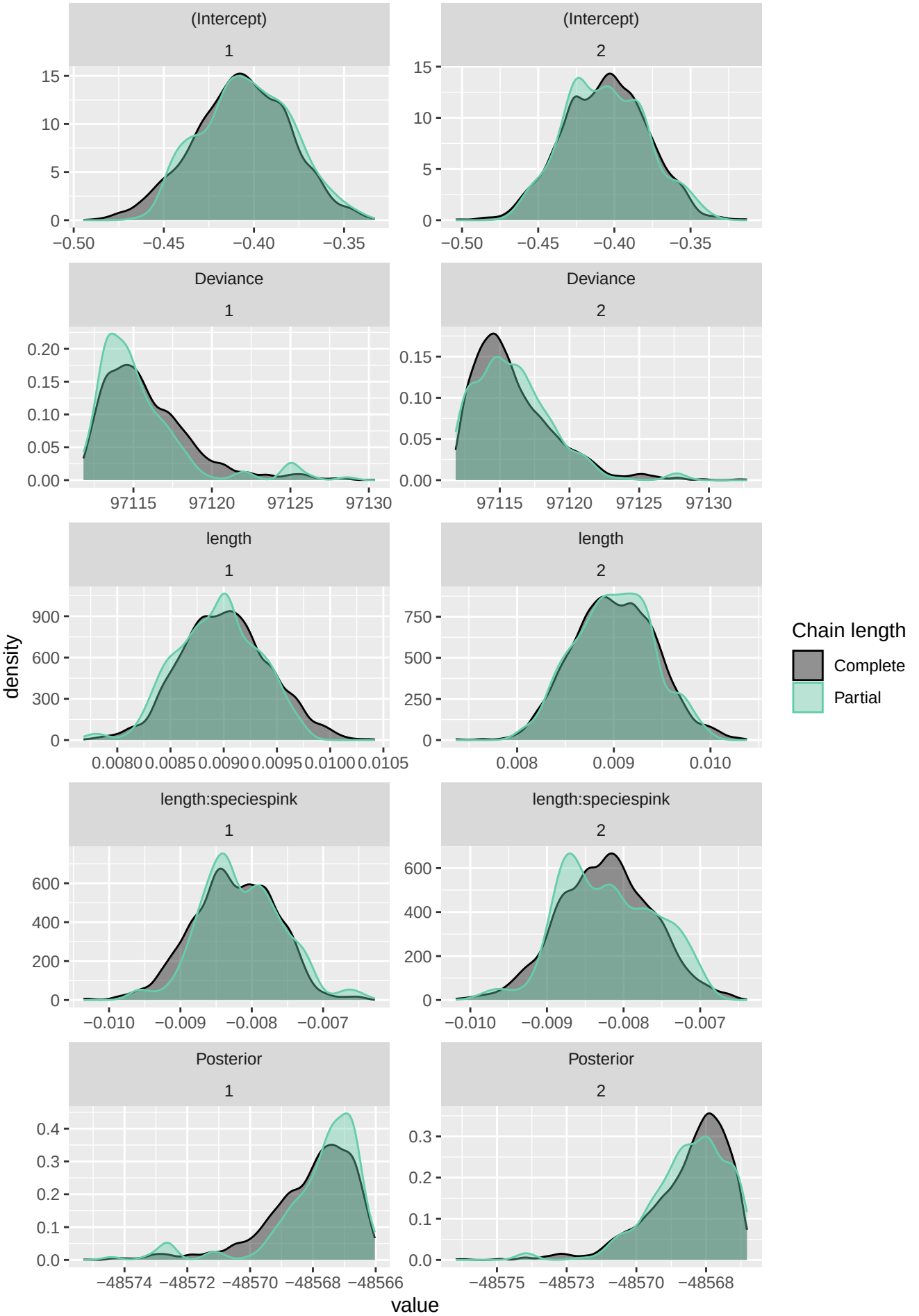

speciespink
10.0
7.5
5.0
2.5
0.0
density
0.1
0.2
0.3
value
Chain
1
2

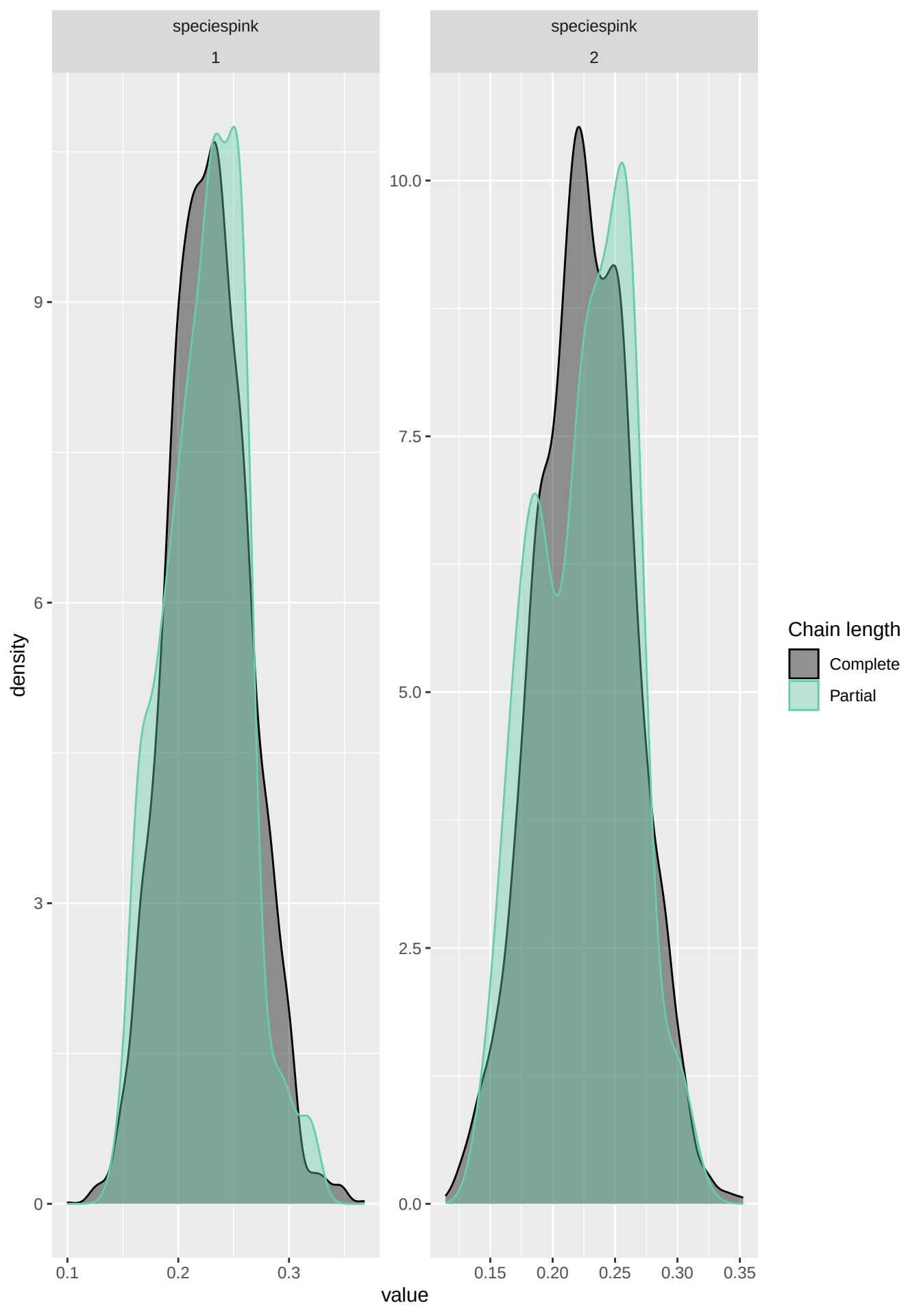

(Intercept)
−0.35
−0.40
−0.45
−0.50
Deviance
97130
97125
97120
97115
length
0.010
0.009
0.008
length:speciespink
−0.007
−0.008
−0.009
−0.010
Posterior
−48568
−48570
−48573
−48575
0
1000
2000
3000
4000
5000
value
Iteration
Chain
1
2

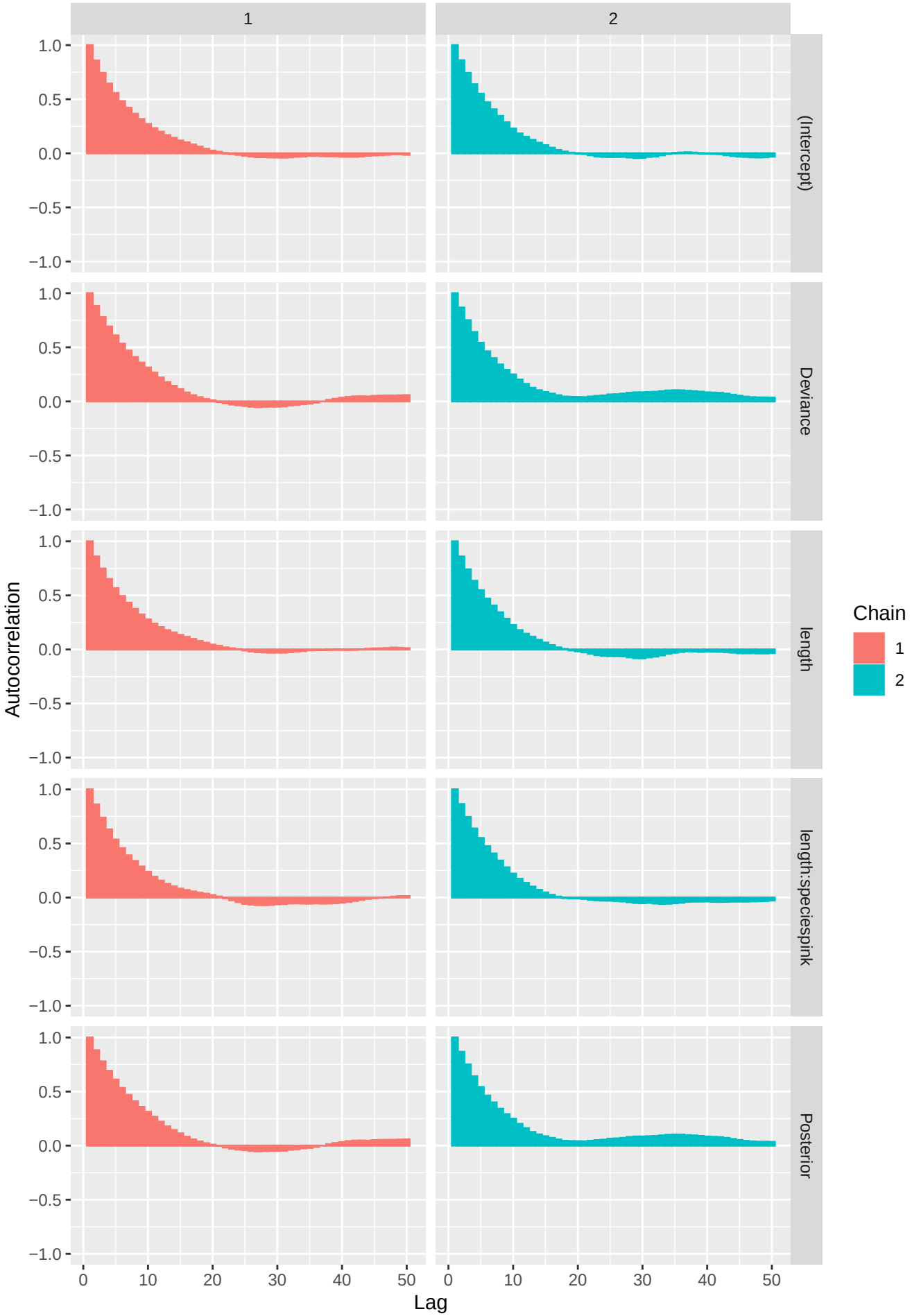

speciespink
value
0.3
0.2
0.1
0
1000
2000
3000
4000
5000
Iteration
Chain
1
2

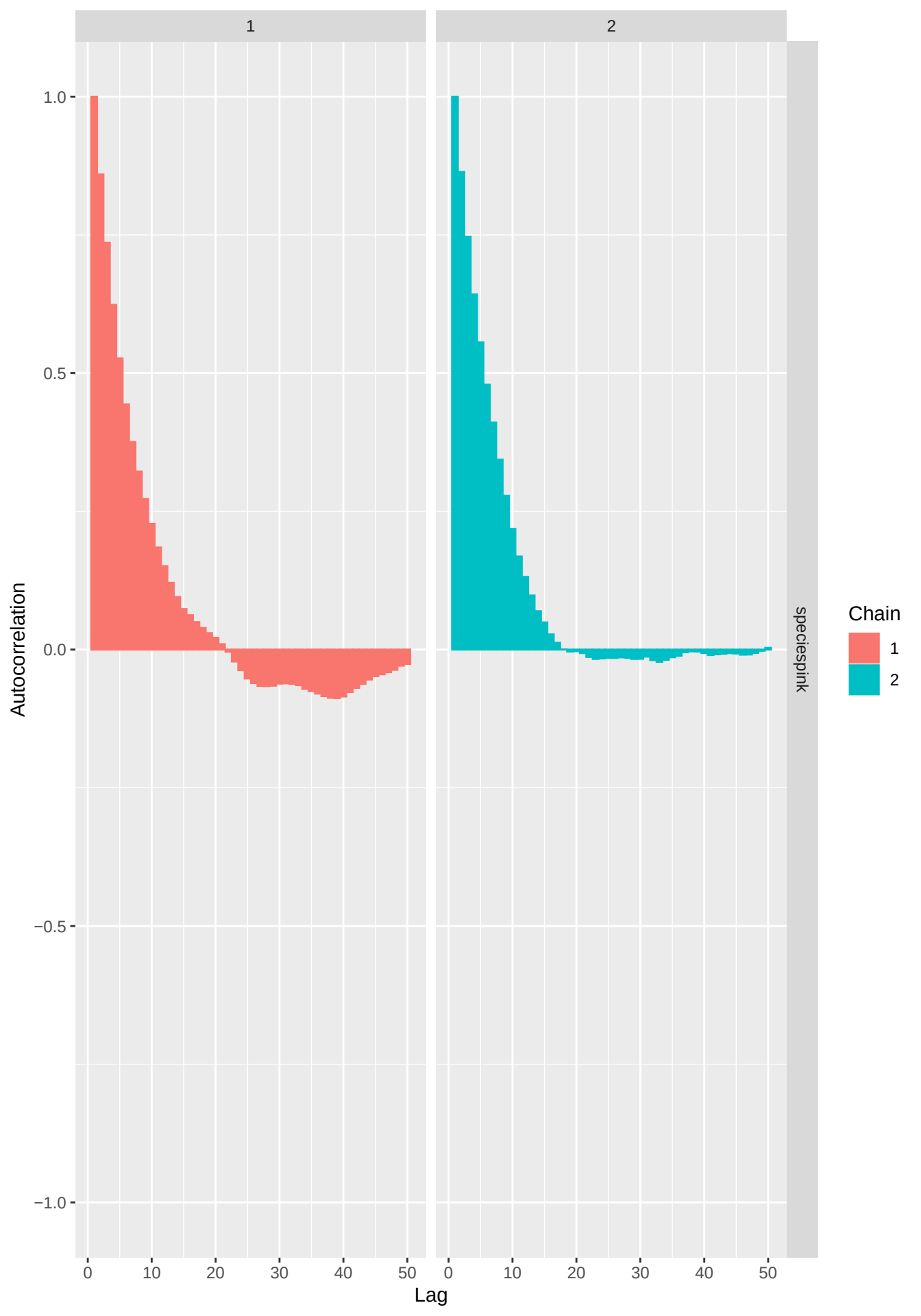

1
2
(Intercept)
Deviance
length
length:speciespink
Posterior
Running Mean
Iteration
Chain
1
2
−0.40
−0.41
−0.42
−0.43
−0.44
−0.45
97121
97119
97117
97115
0.00975
0.00950
0.00925
0.00900
−0.0085
−0.0090
−48567
−48568
−48569
−48570
0
1000
2000
3000
4000
5000

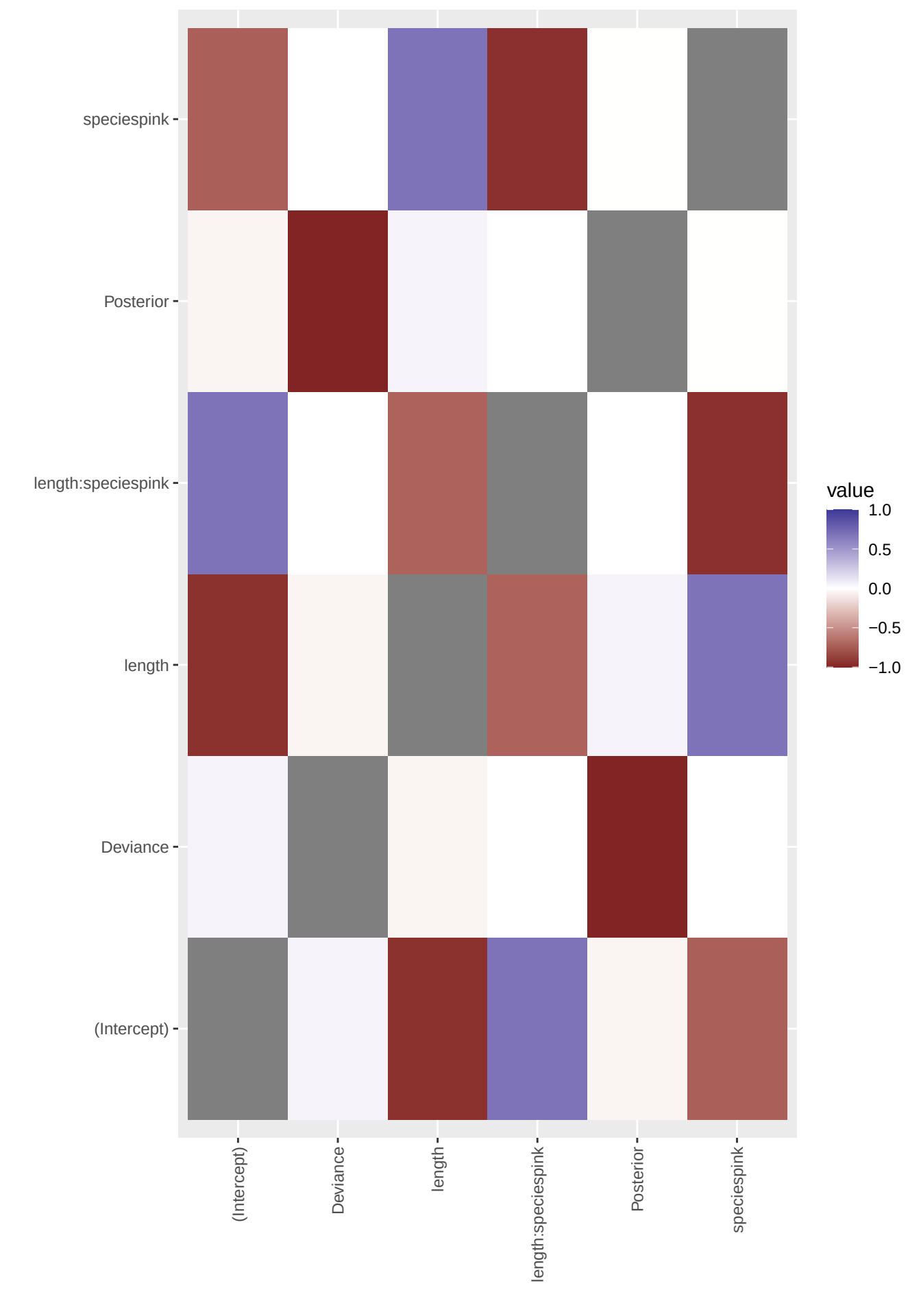

1
2
0.28
0.26
0.24
Running Mean
0
1000
2000
3000
4000
5000
Iteration
speciespink
Chain
1
2

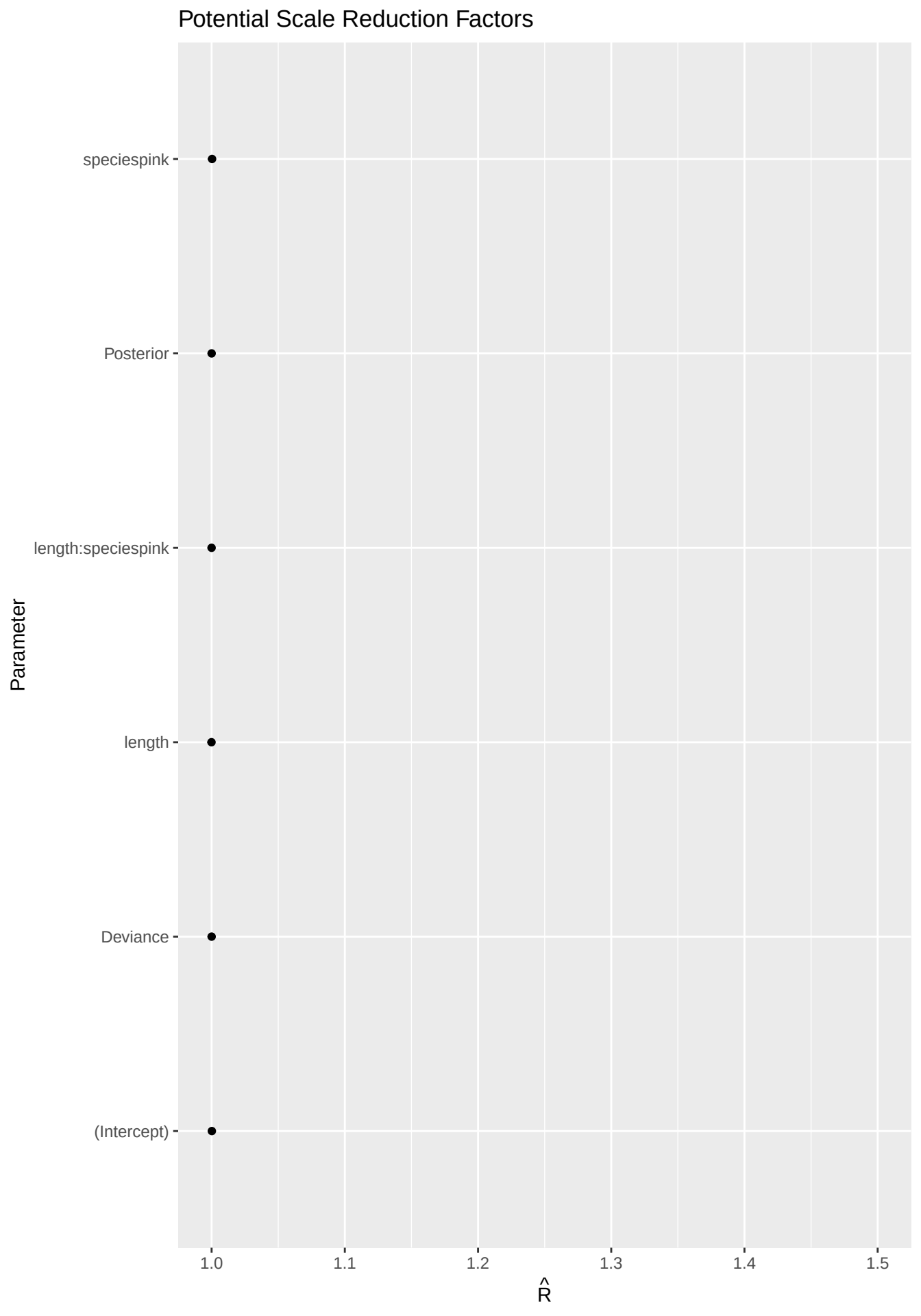

(Intercept)
1
(Intercept)
2
Deviance
1
Deviance
2
length
1
length
2
length:speciespink
1
length:speciespink
2
Posterior
1
Posterior
2
density
value
Chain length
Complete
Partial

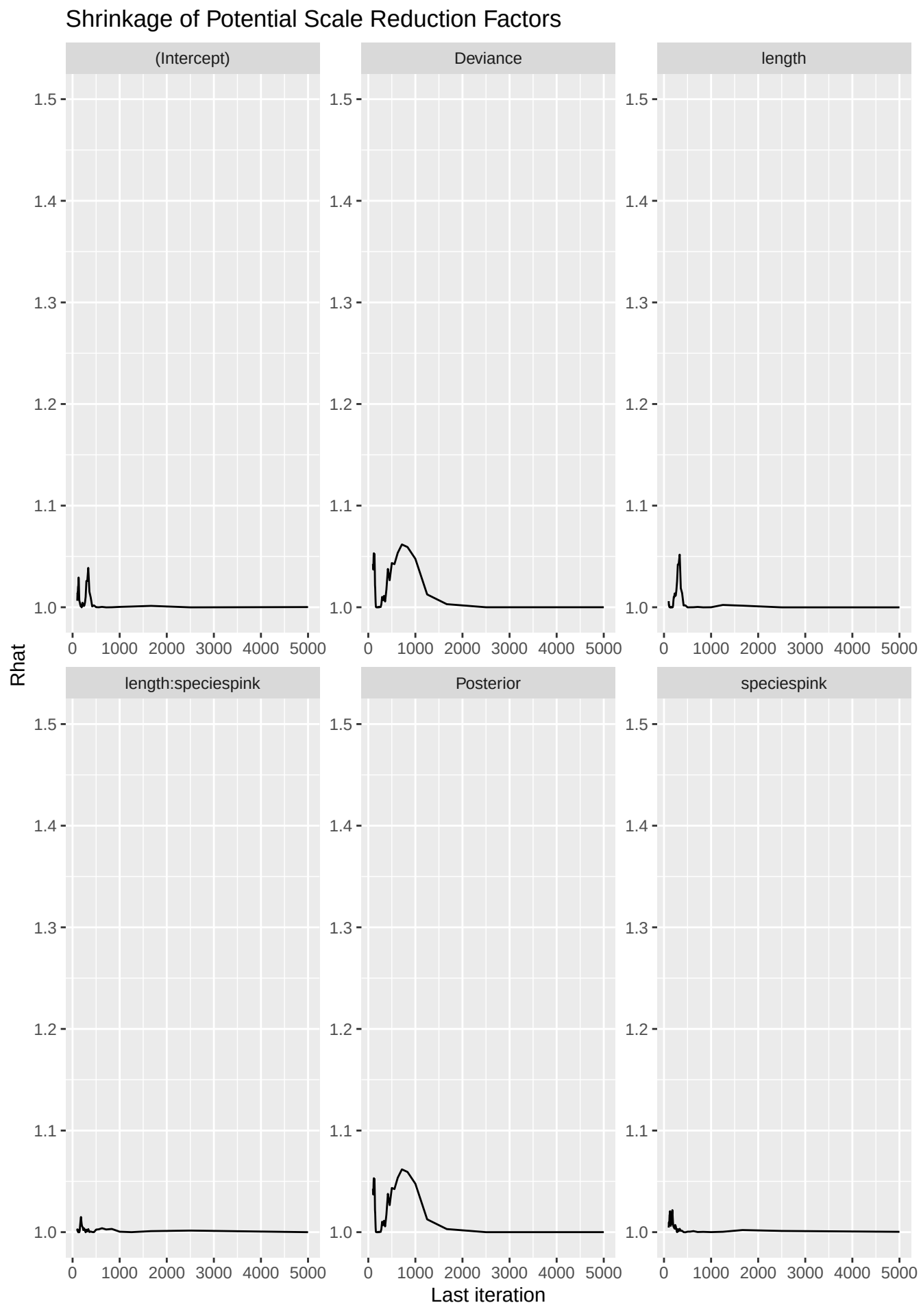

speciespink
1
speciespink
2
density
value
0
3
6
9
0.0
2.5
5.0
7.5
10.0
0.1
0.2
0.3
0.15
0.20
0.25
0.30
0.35
Chain length
Complete
Partial

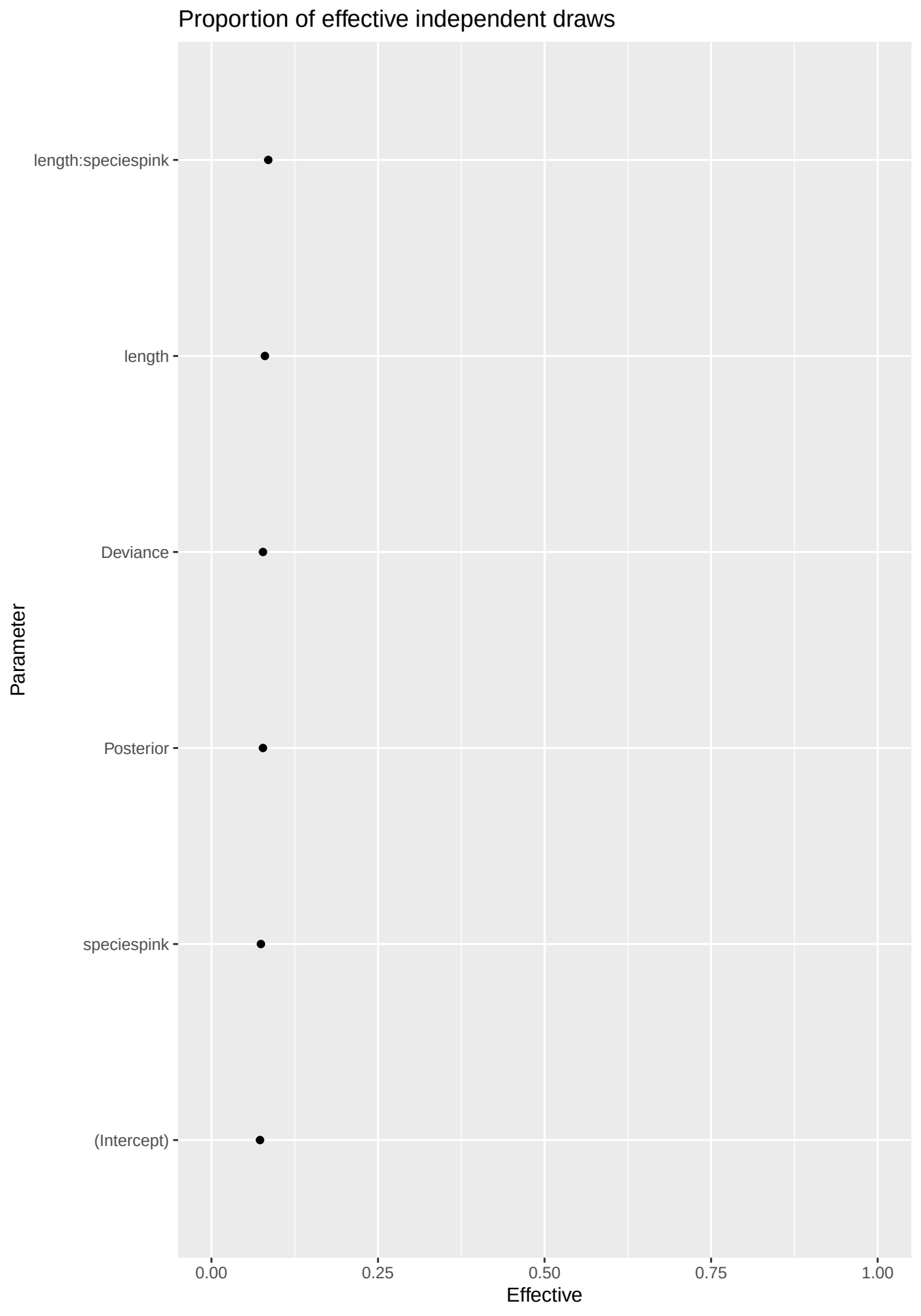

1
2
(Intercept)
Deviance
length
length:speciespink
Posterior
Autocorrelation
Lag
Chain
1
2
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50

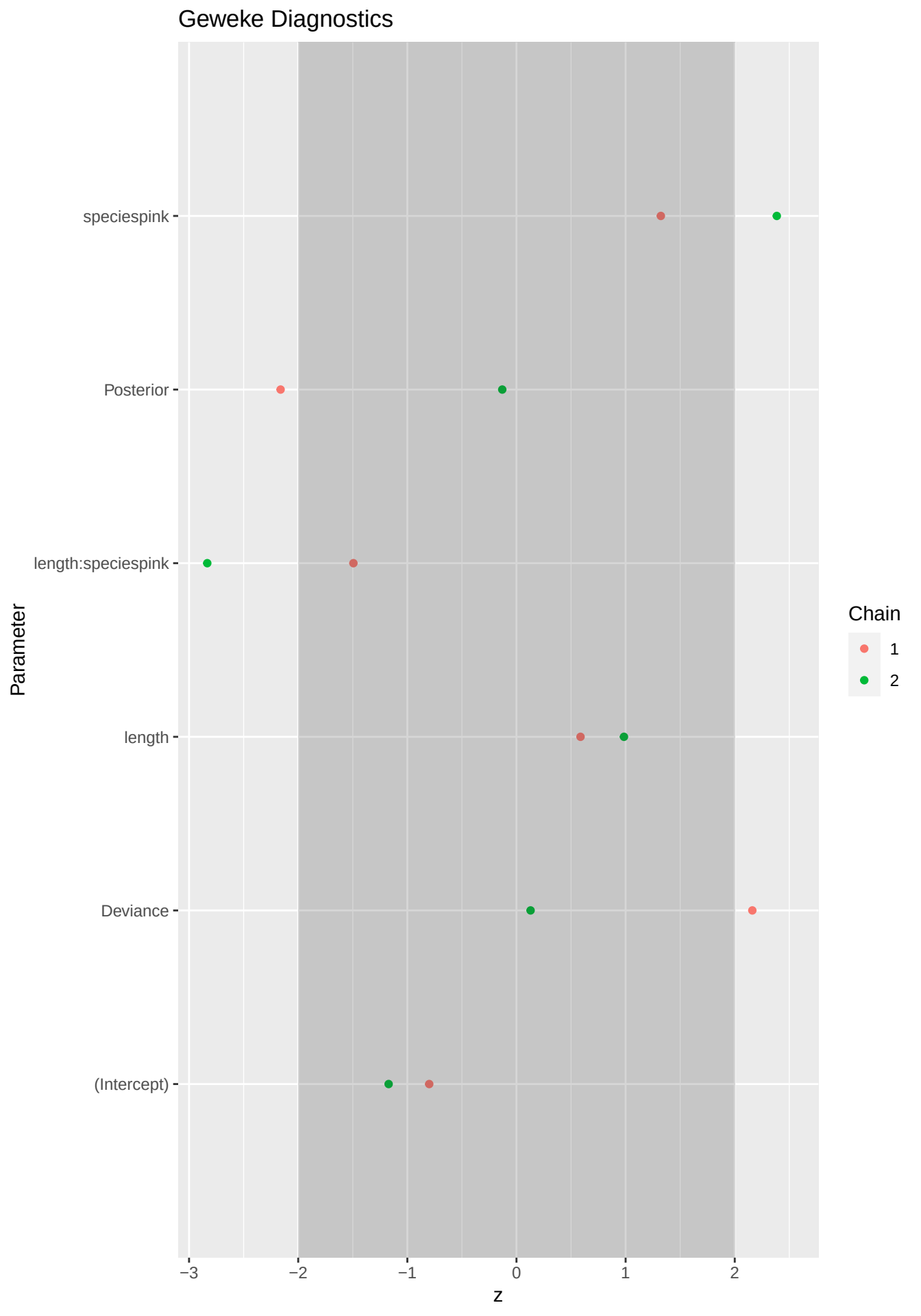

1
2
1.0
0.5
0.0
−0.5
−1.0
Autocorrelation
0
10
20
30
40
50
Lag
speciespink
Chain
1
2


speciespink
Posterior
length:speciespink
length
Deviance
(Intercept)
(Intercept)
Deviance
length
length:speciespink
Posterior
speciespink
value
1.0
0.5
0.0
−0.5
−1.0


Potential Scale Reduction Factors
speciespink
Posterior
length:speciespink
length
Deviance
(Intercept)
Parameter
1.0
1.1
1.2
1.3
1.4
1.5
R̂


Shrinkage of Potential Scale Reduction Factors
(Intercept)
Deviance
length
length:speciespink
Posterior
speciespink
Rhat
Last iteration
1.0
1.1
1.2
1.3
1.4
1.5
0
1000
2000
3000
4000
5000


Proportion of effective independent draws
length:speciespink
length
Deviance
Posterior
speciespink
(Intercept)
Parameter
0.00
0.25
0.50
0.75
1.00
Effective


Geweke Diagnostics
speciespink
Posterior
length:speciespink
length
Deviance
(Intercept)
Parameter
−3
−2
−1
0
1
2
z
Chain
1
2