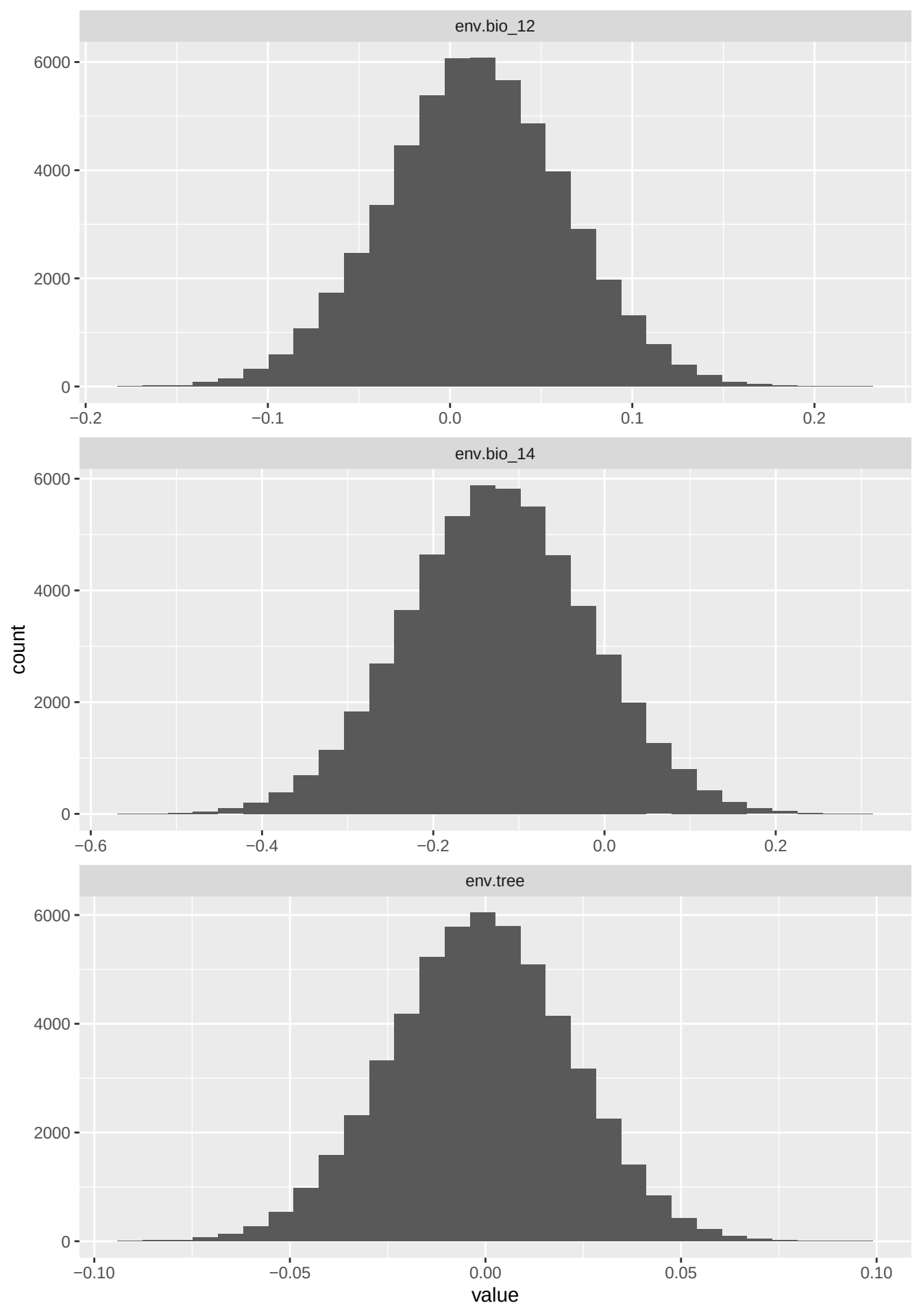
env.bio_12
env.bio_14
env.tree
count
value
6000
4000
2000
0
−0.2
−0.1
0.0
0.1
0.2
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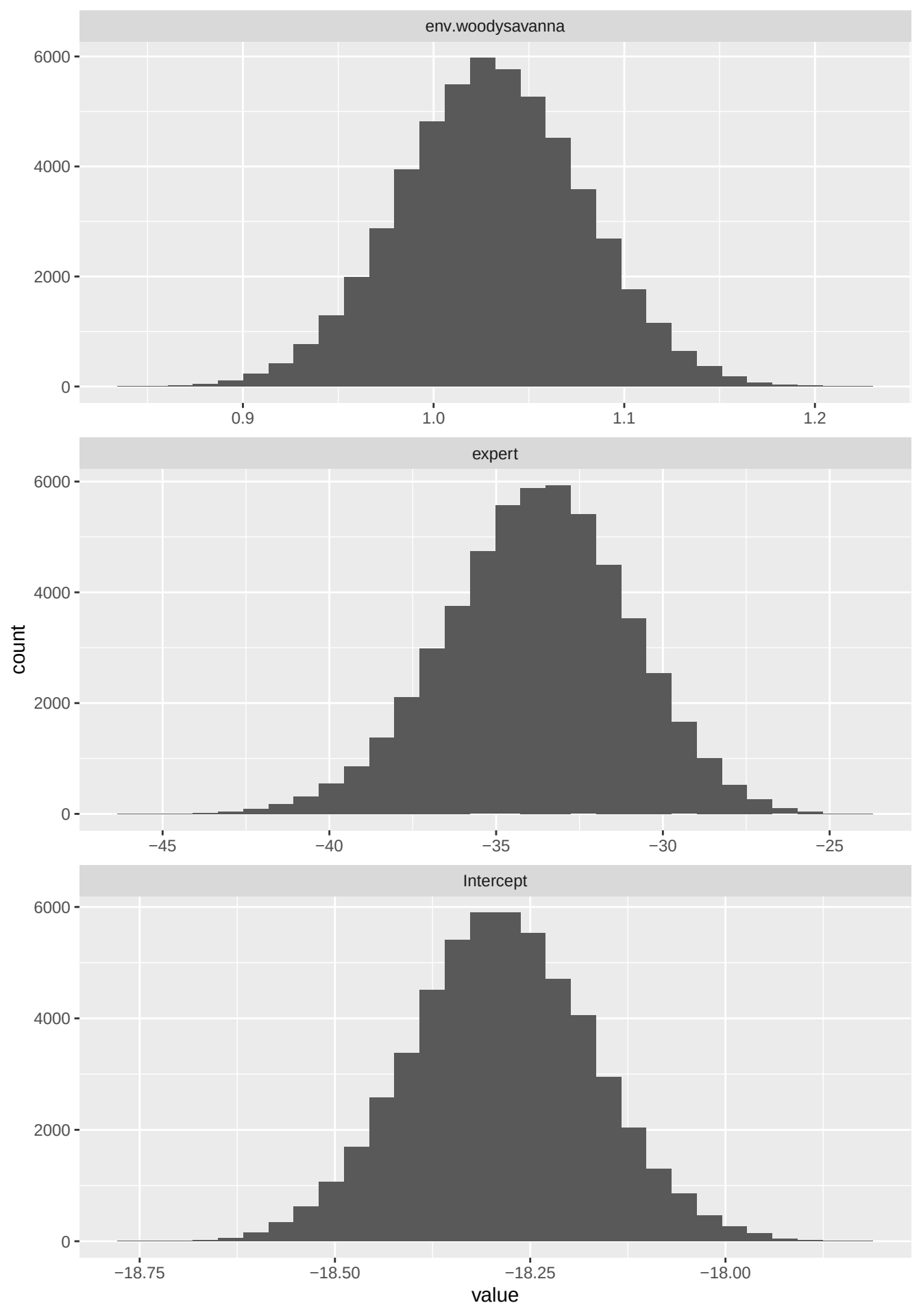
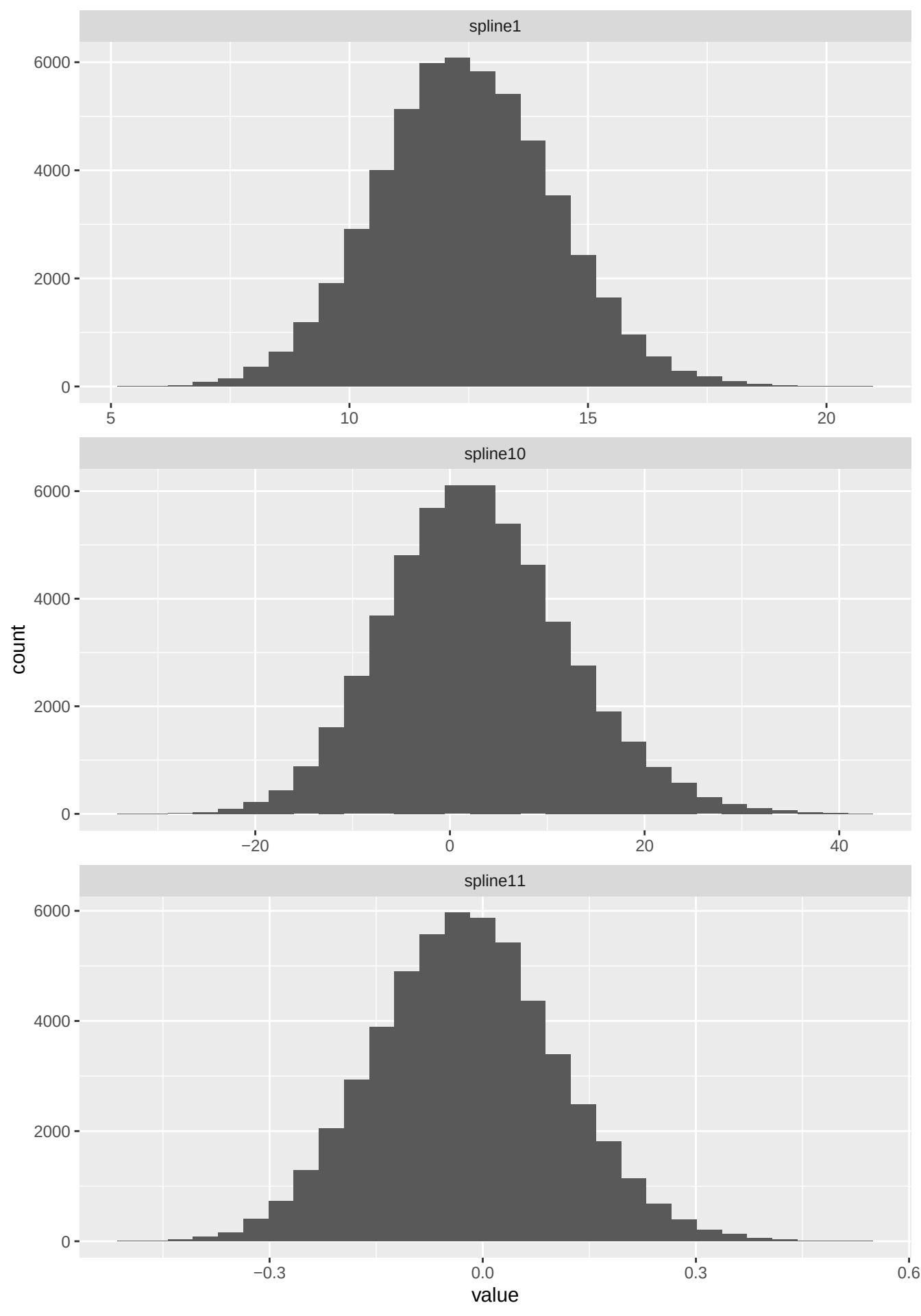
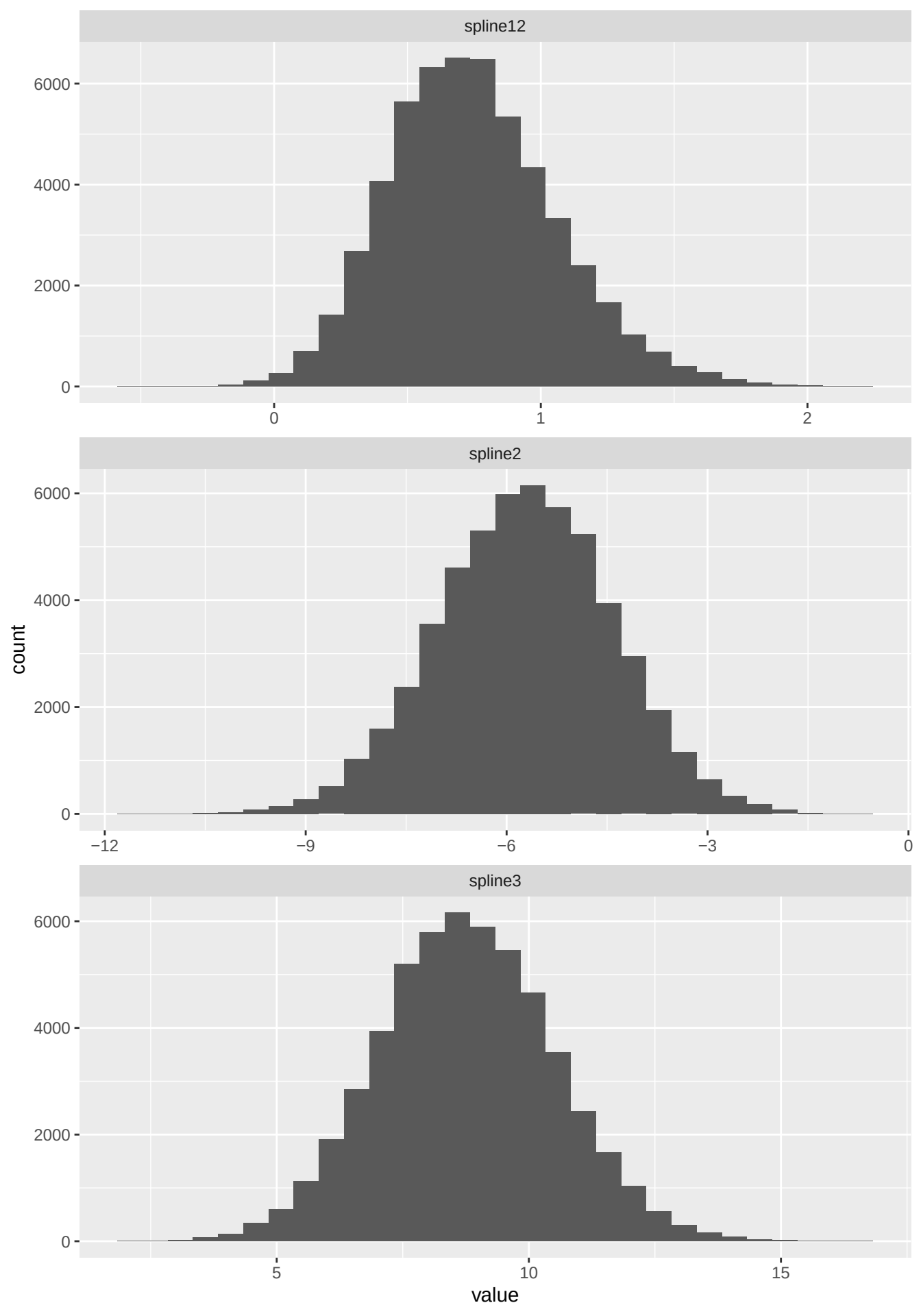
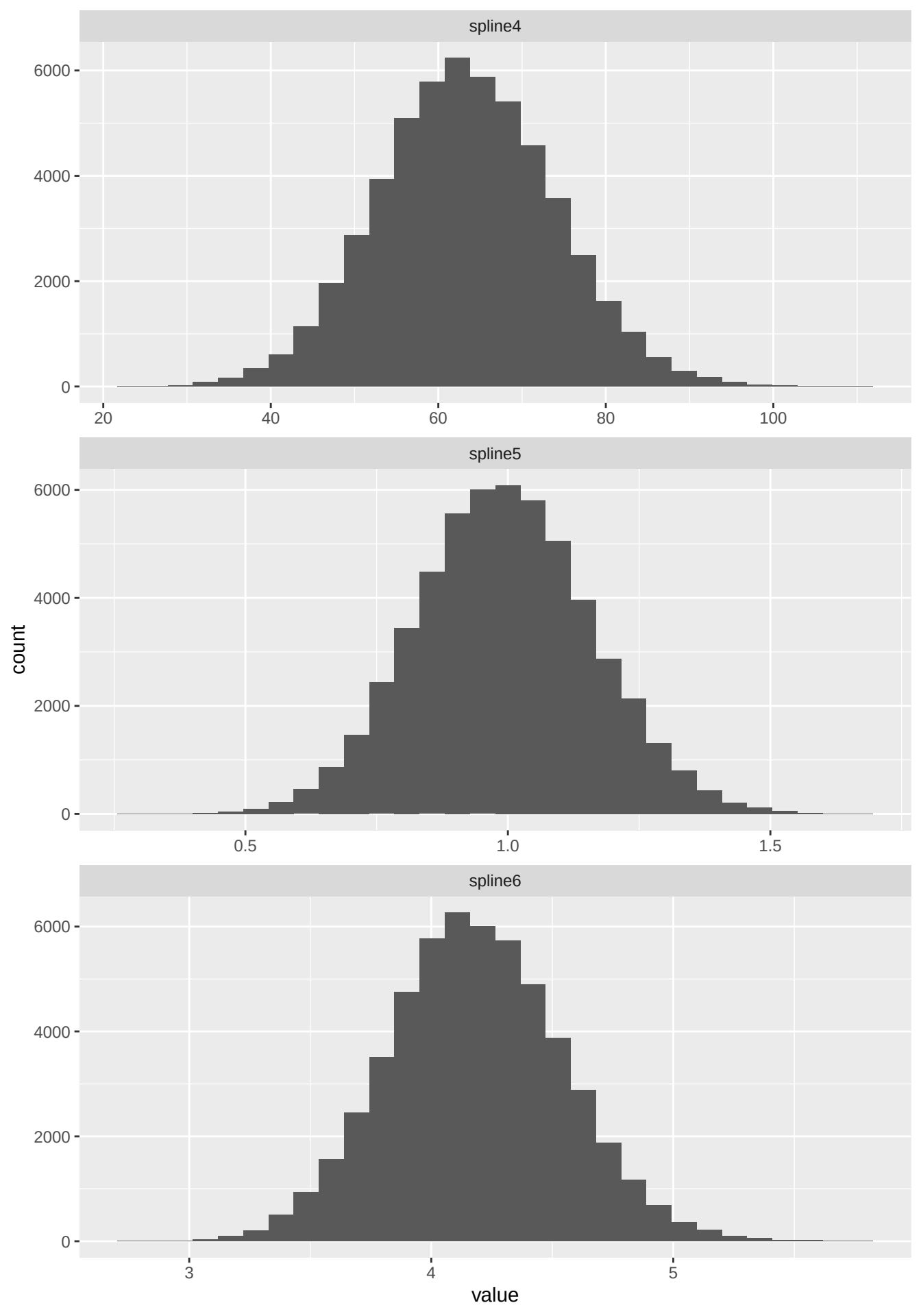
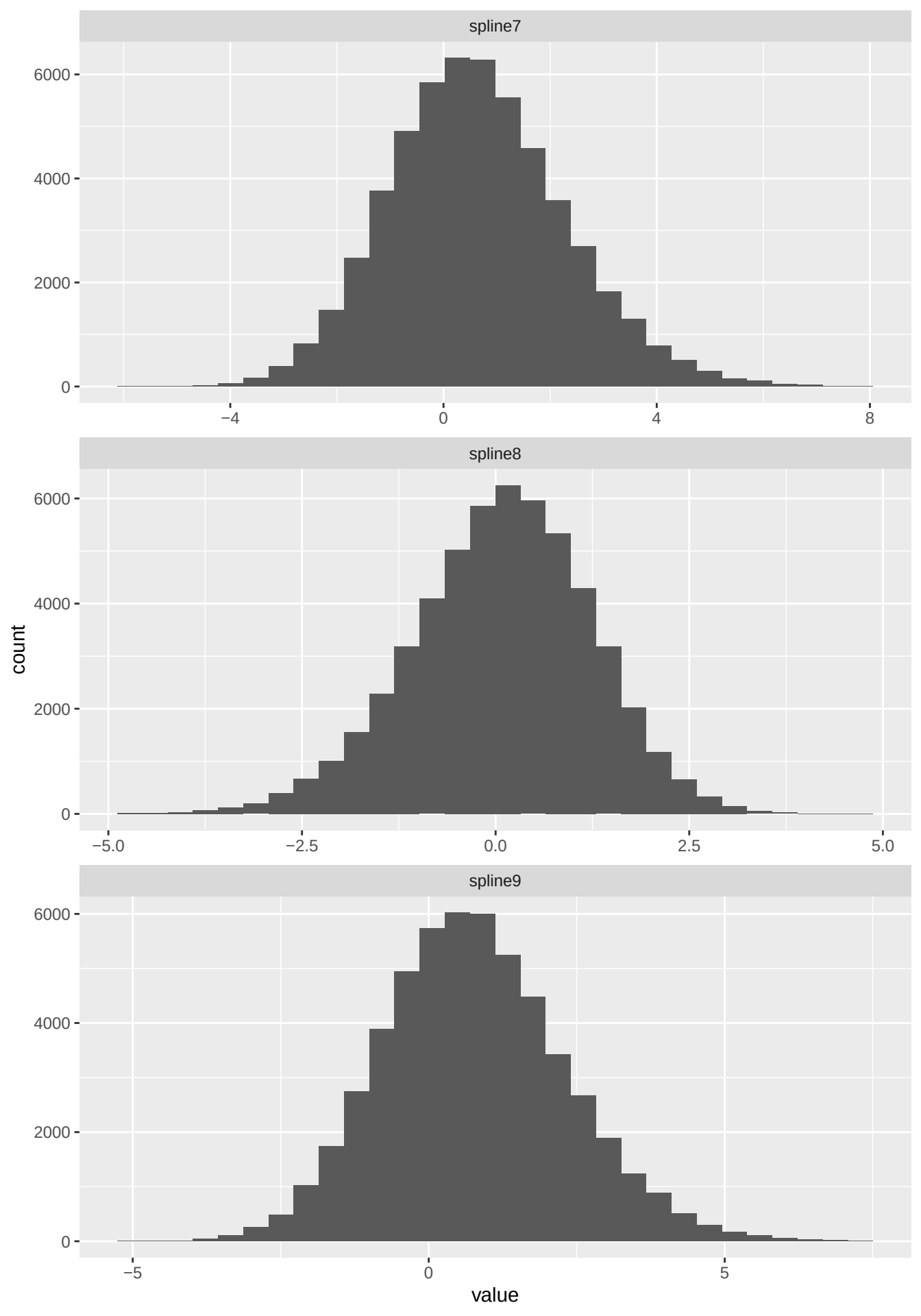
−0.4
−0.2
0.0
0.2
−0.10
−0.05
0.00
0.05
0.10

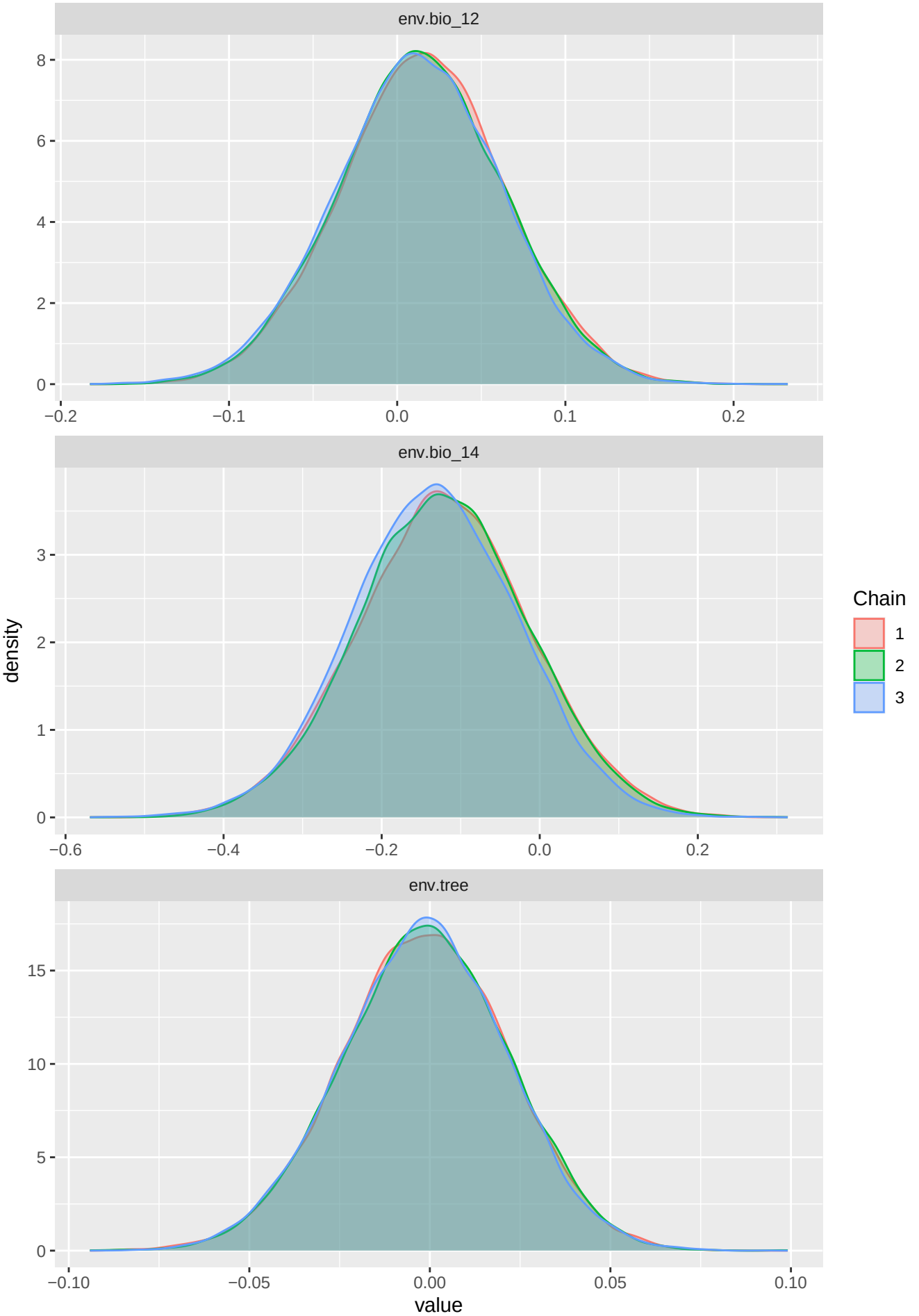

env.woodysavanna
expert
Intercept
count
value
6000
4000
2000
0
0.9
1.0
1.1
1.2
−45
−40
−35
−30
−25
−18.75
−18.50
−18.25
−18.00

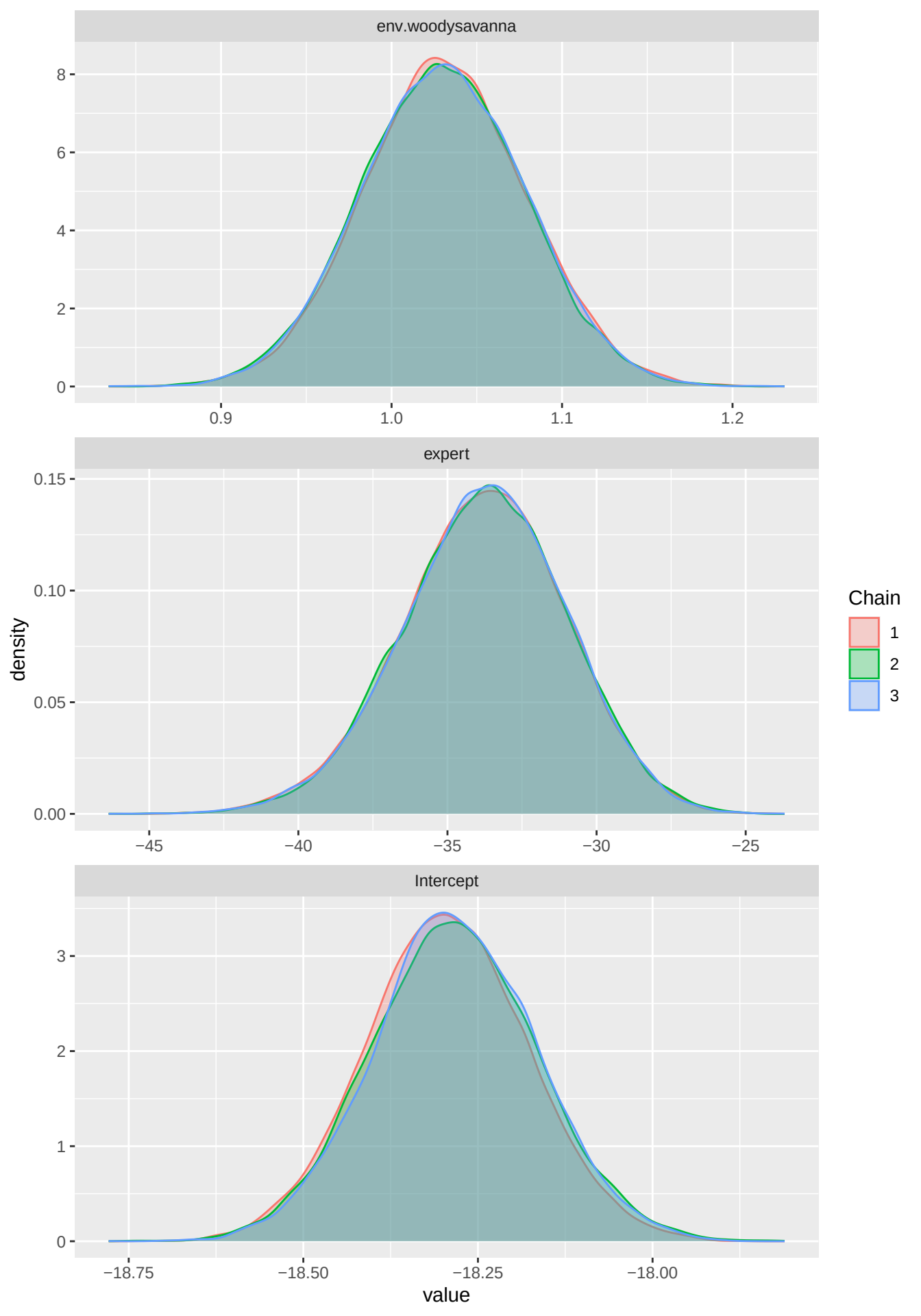

spline1
spline10
spline11
count
value
6000
4000
2000
0
5
10
15
20
−20
0
20
40
−0.3
0.0
0.3
0.6

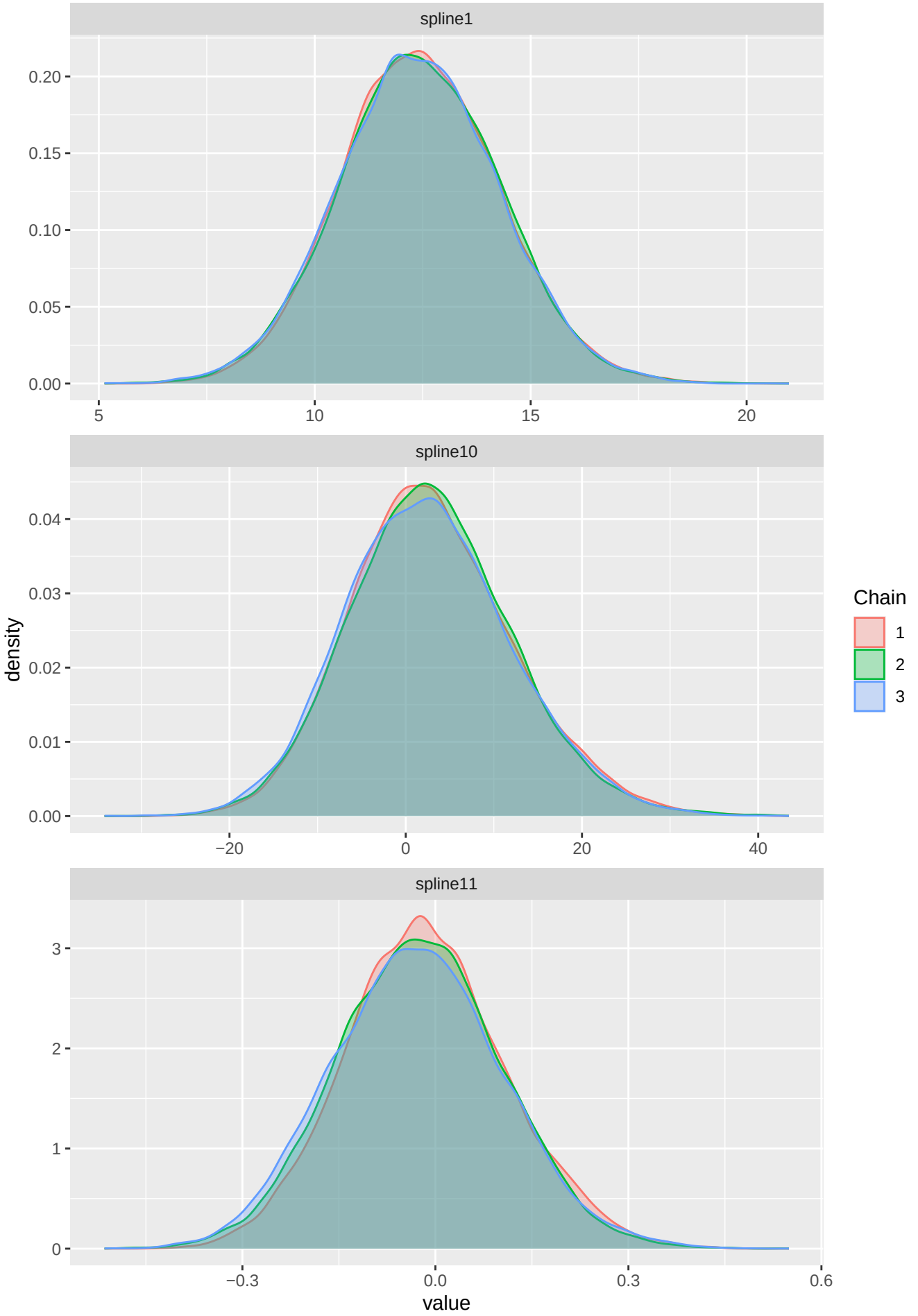

spline12
6000
4000
2000
0
0
1
2
spline2
6000
4000
2000
0
count
−12
−9
−6
−3
0
spline3
6000
4000
2000
0
5
10
15
value

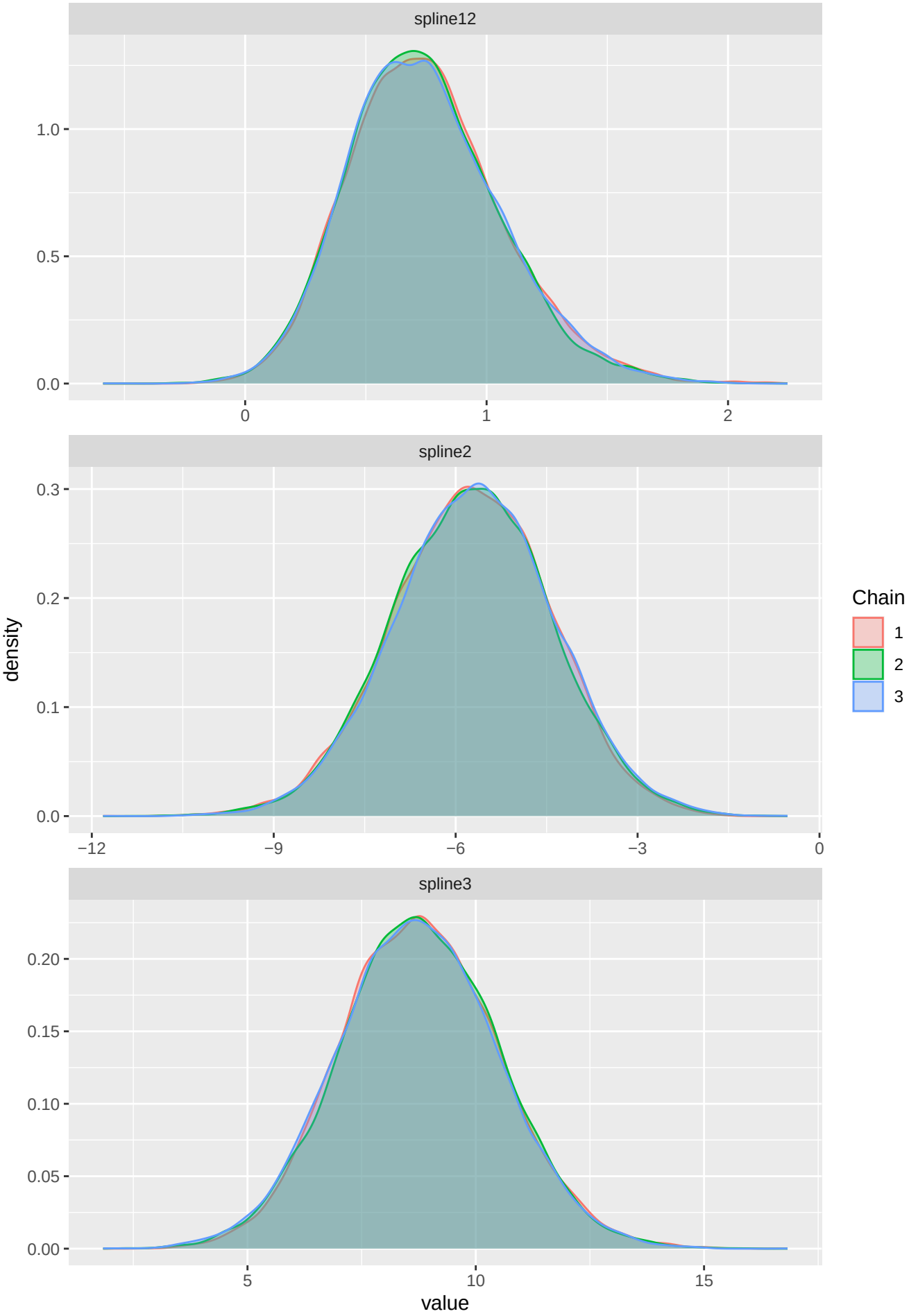

spline4
spline5
spline6
count
value
6000
4000
2000
0
20
40
60
80
100
0.5
1.0
1.5
3
4
5

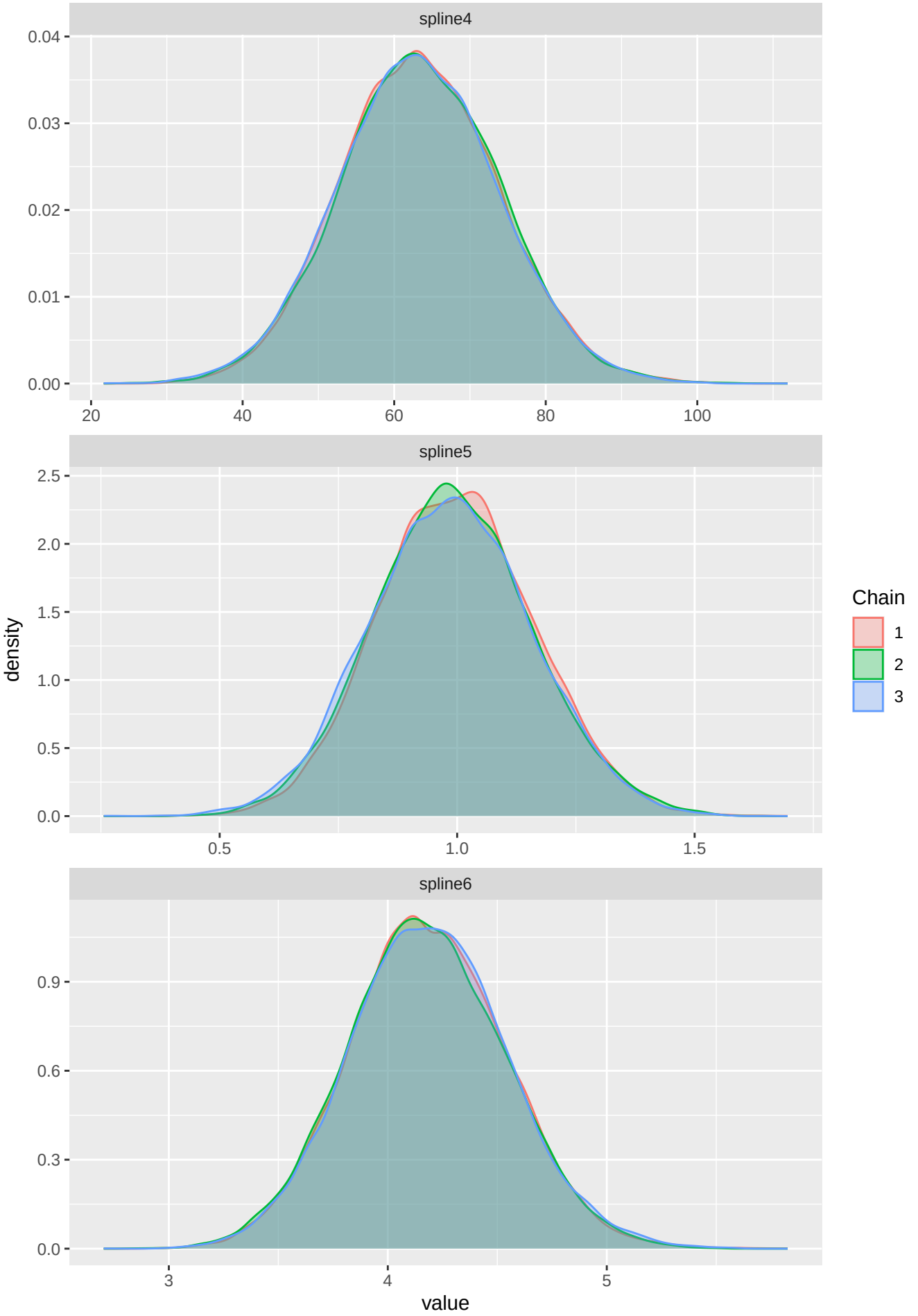

spline7
spline8
spline9
count
value
6000
4000
2000
0
−4
0
4
8
−5.0
−2.5
0.0
2.5
5.0
−5
0
5

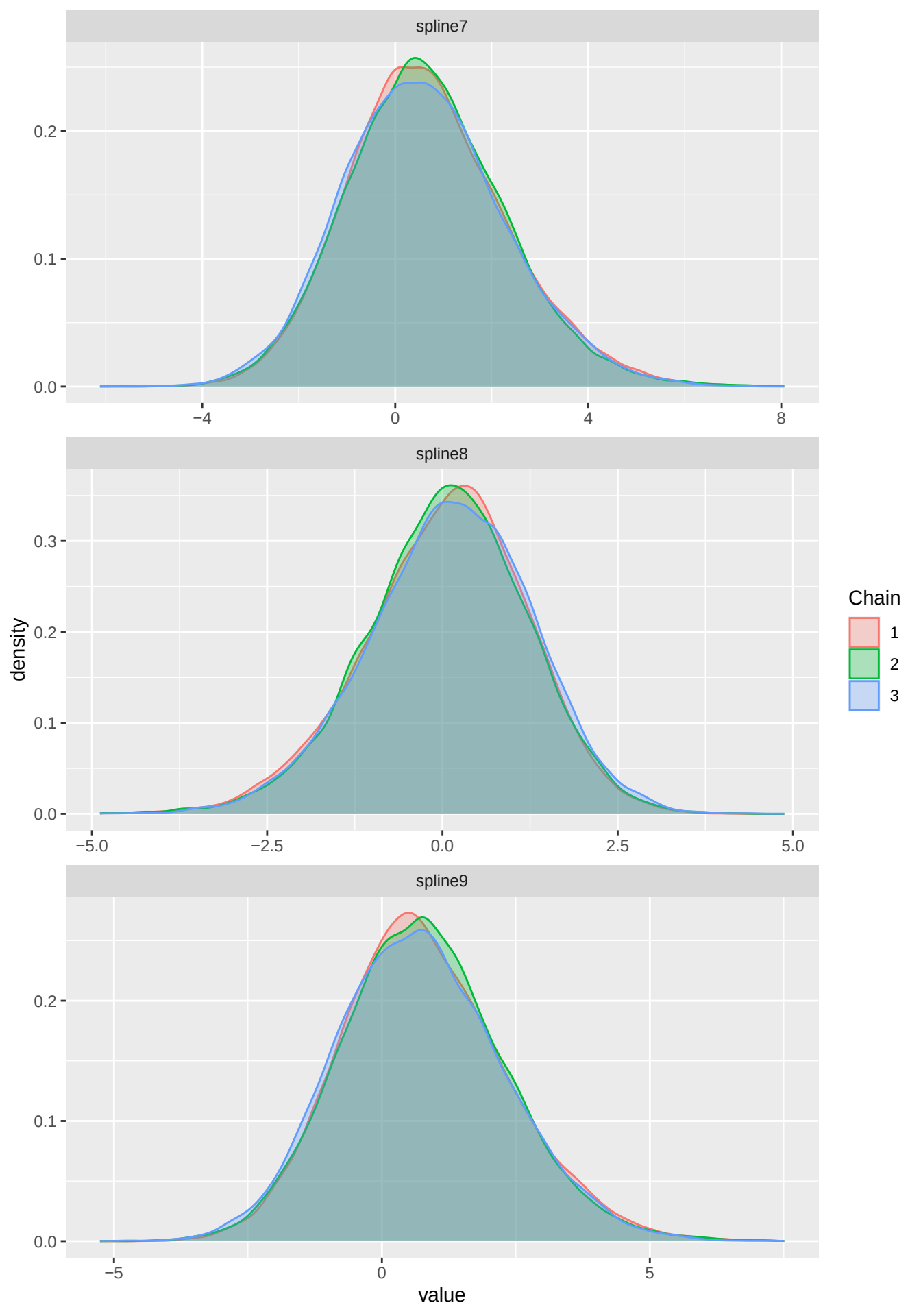

env.bio_12
env.bio_14
env.tree
density
value
Chain
1
2
3

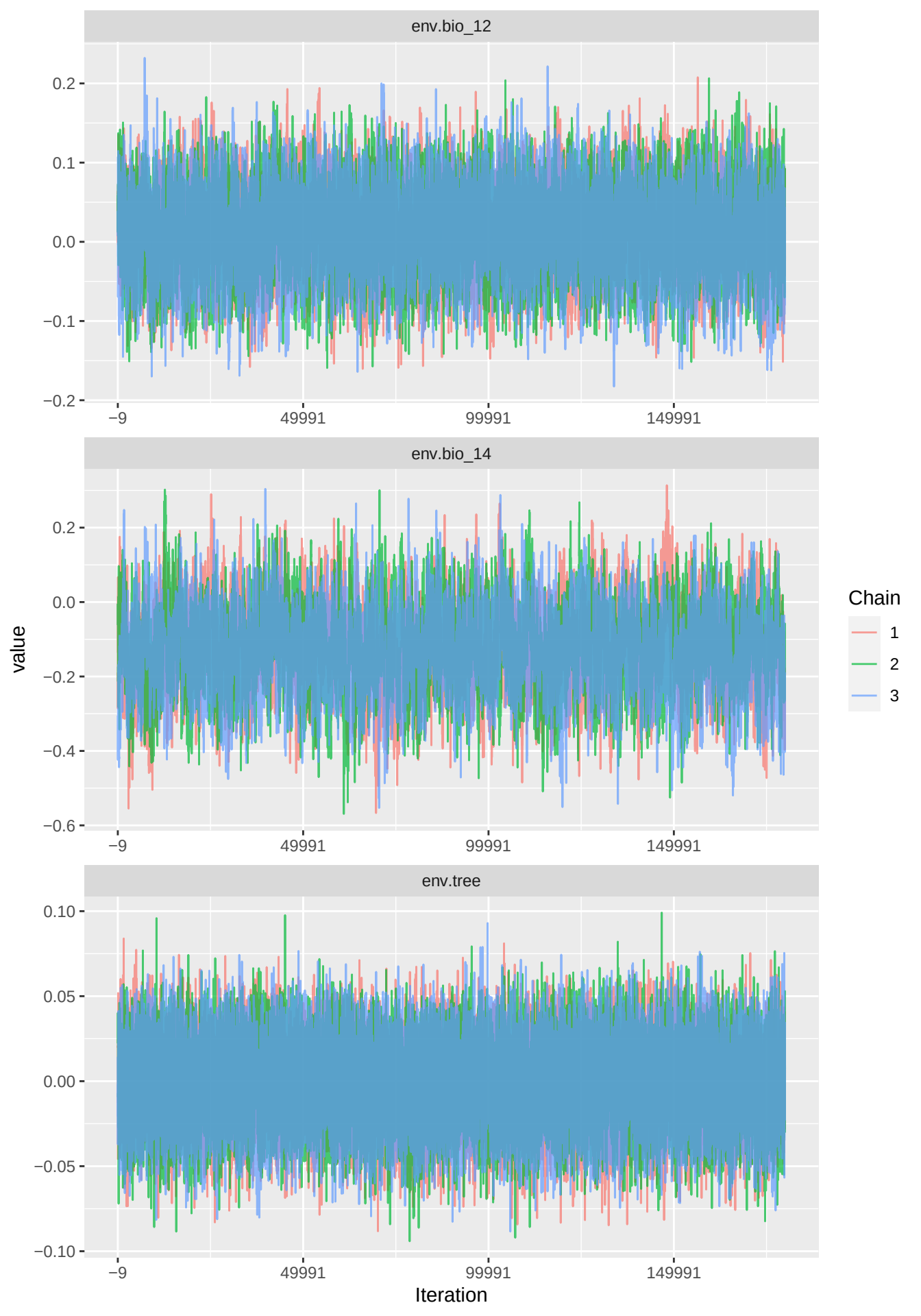

env.woodysavanna
expert
Intercept
density
value
Chain
1
2
3
0
2
4
6
8
0.9
1.0
1.1
1.2
0.00
0.05
0.10
0.15
−45
−40
−35
−30
−25
0
1
2
3
−18.75
−18.50
−18.25
−18.00

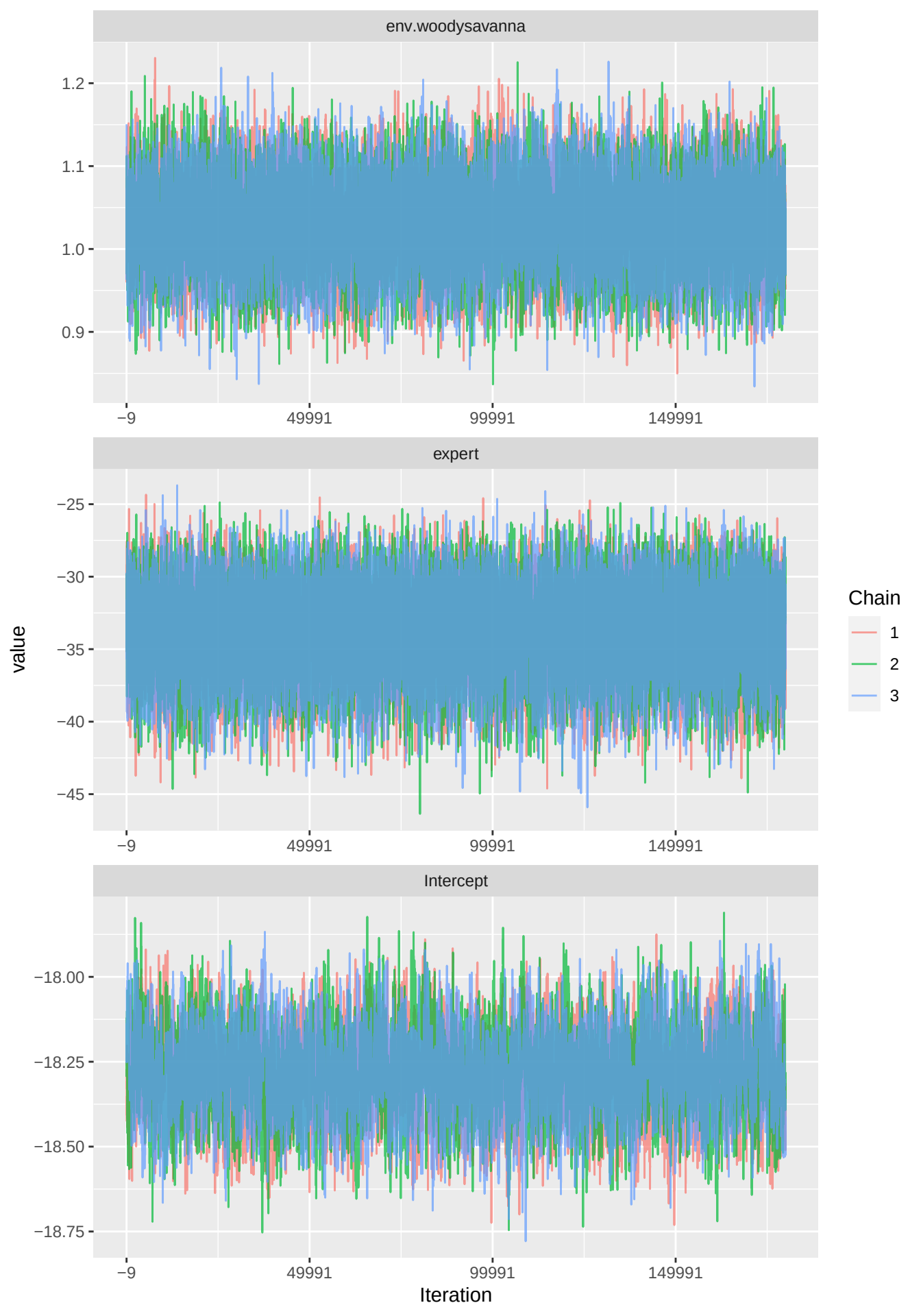

spline1
spline10
spline11
density
value
Chain
1
2
3

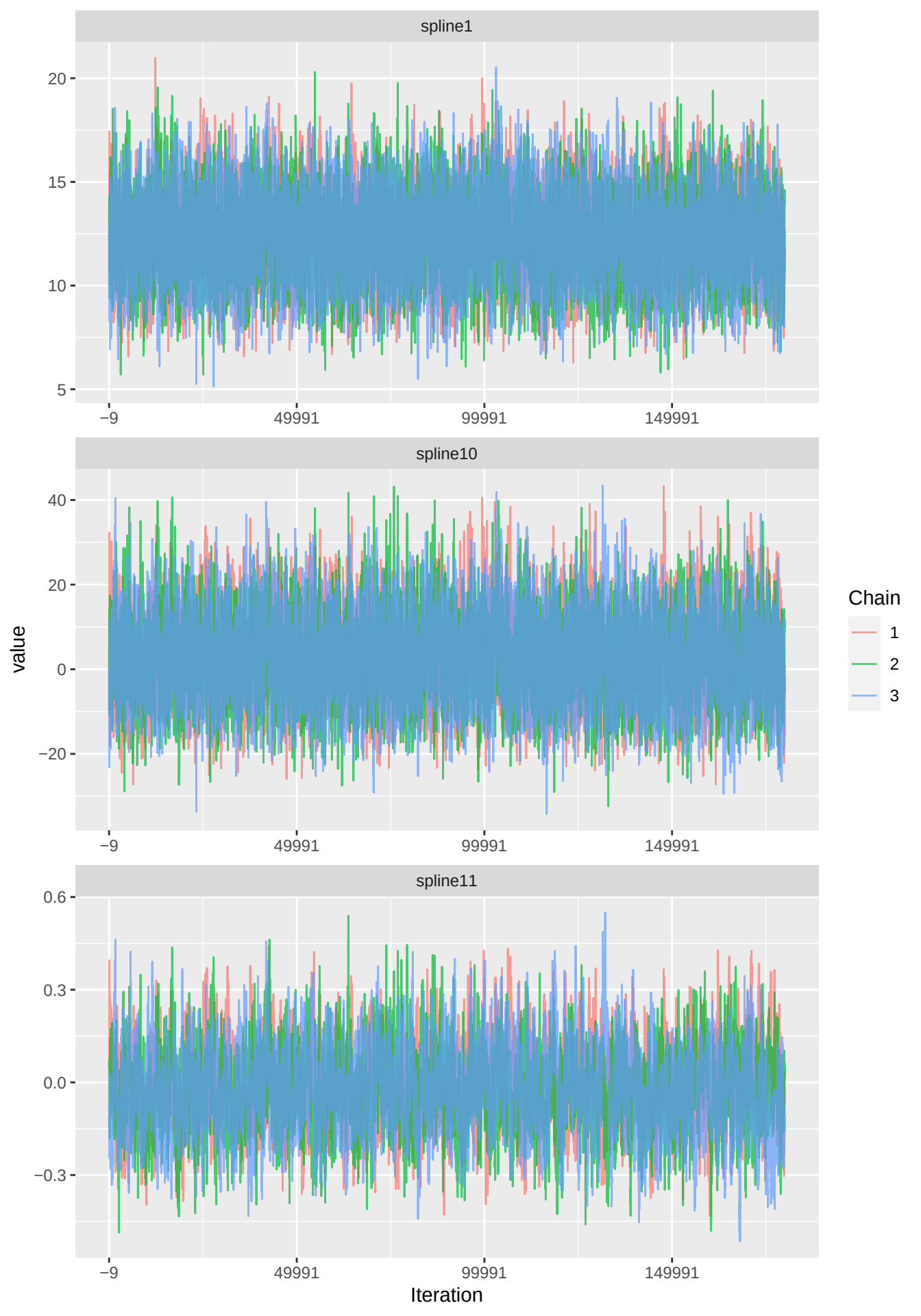

spline12
1.0
0.5
0.0
0
1
2
spline2
0.3
0.2
0.1
0.0
−12
−9
−6
−3
0
density
spline3
0.20
0.15
0.10
0.05
0.00
5
10
15
value
Chain
1
2
3

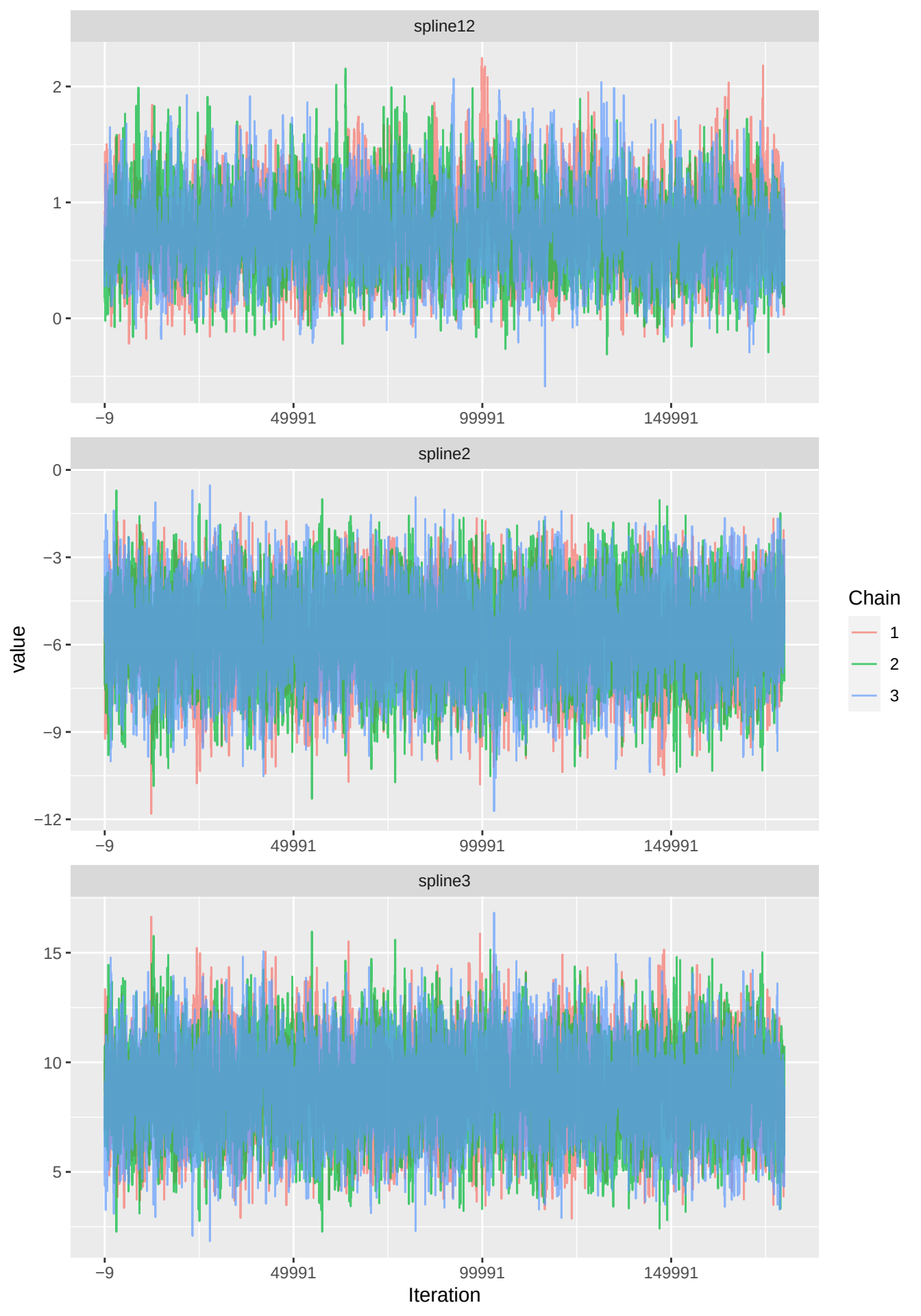

spline4
spline5
spline6
density
value
Chain
1
2
3
0.04
0.03
0.02
0.01
0.00
20
40
60
80
100
2.5
2.0
1.5
1.0
0.5
0.0
0.5
1.0
1.5
0.9
0.6
0.3
0.0
3
4
5

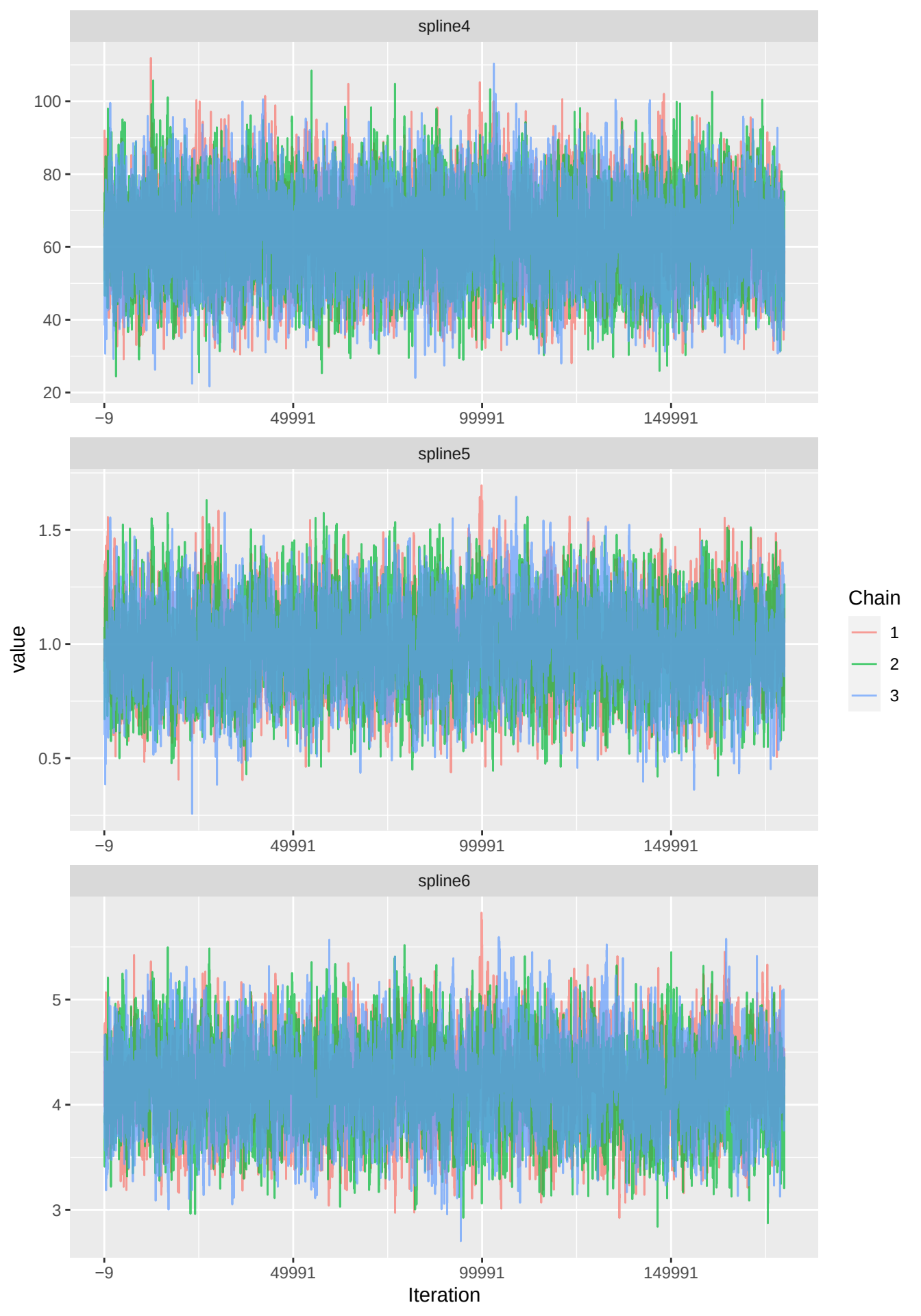

spline7
spline8
spline9
density
value
Chain
1
2
3
0.0
0.1
0.2
0.3
−4
0
4
8
−5.0
−2.5
0.0
2.5
5.0
−5
0
5

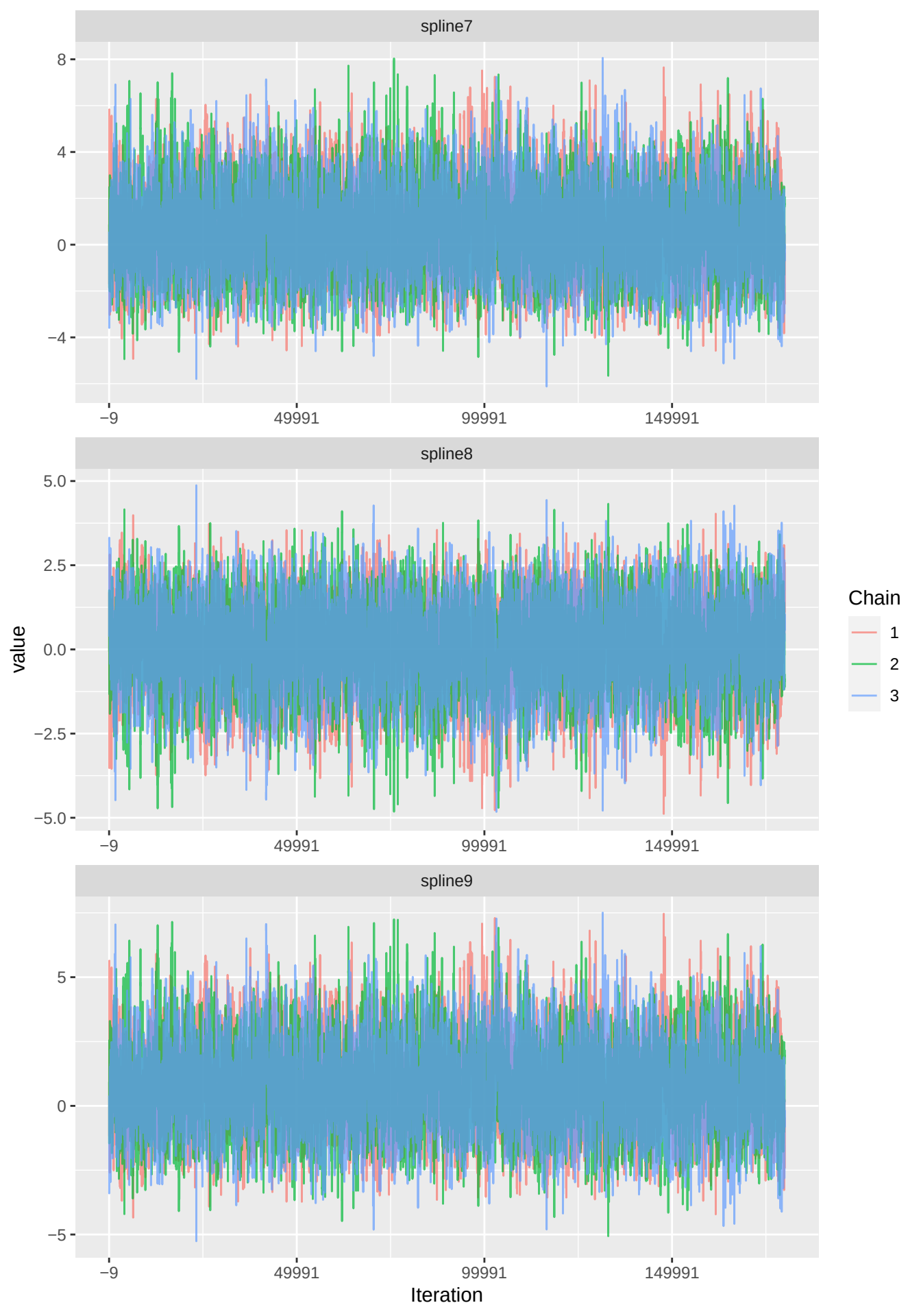

env.bio_12
env.bio_14
env.tree
value
Iteration
Chain
1
2
3
0.2
0.1
0.0
−0.1
−0.2
−0.4
−0.6
0.10
0.05
0.00
−0.05
−0.10
−9
49991
99991
149991

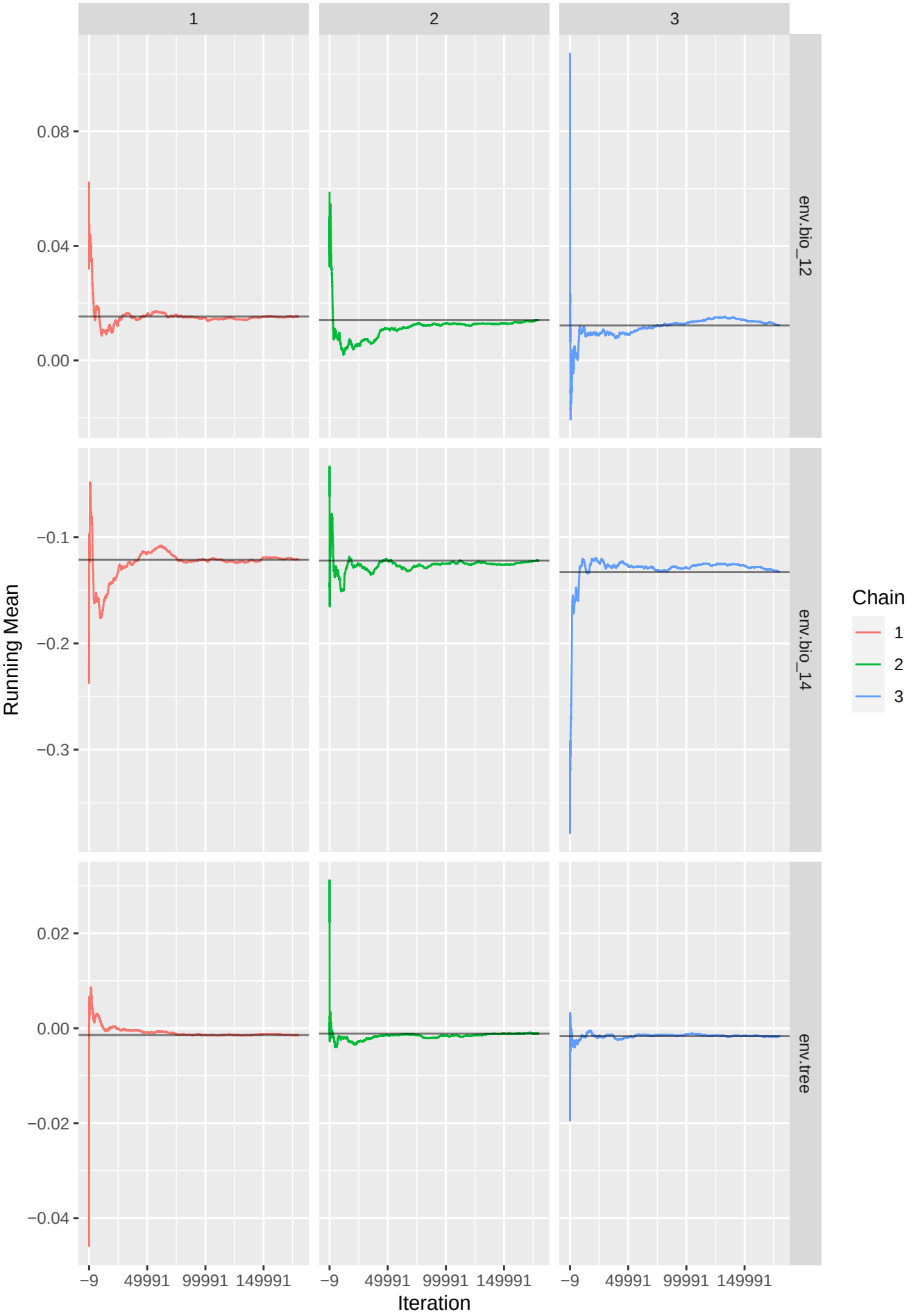

env.woodysavanna
1.2
1.1
1.0
0.9
−9
49991
99991
149991
expert
−25
−30
−35
−40
−45
−9
49991
99991
149991
Intercept
−18.00
−18.25
−18.50
−18.75
−9
49991
99991
149991
value
Iteration
Chain
1
2
3

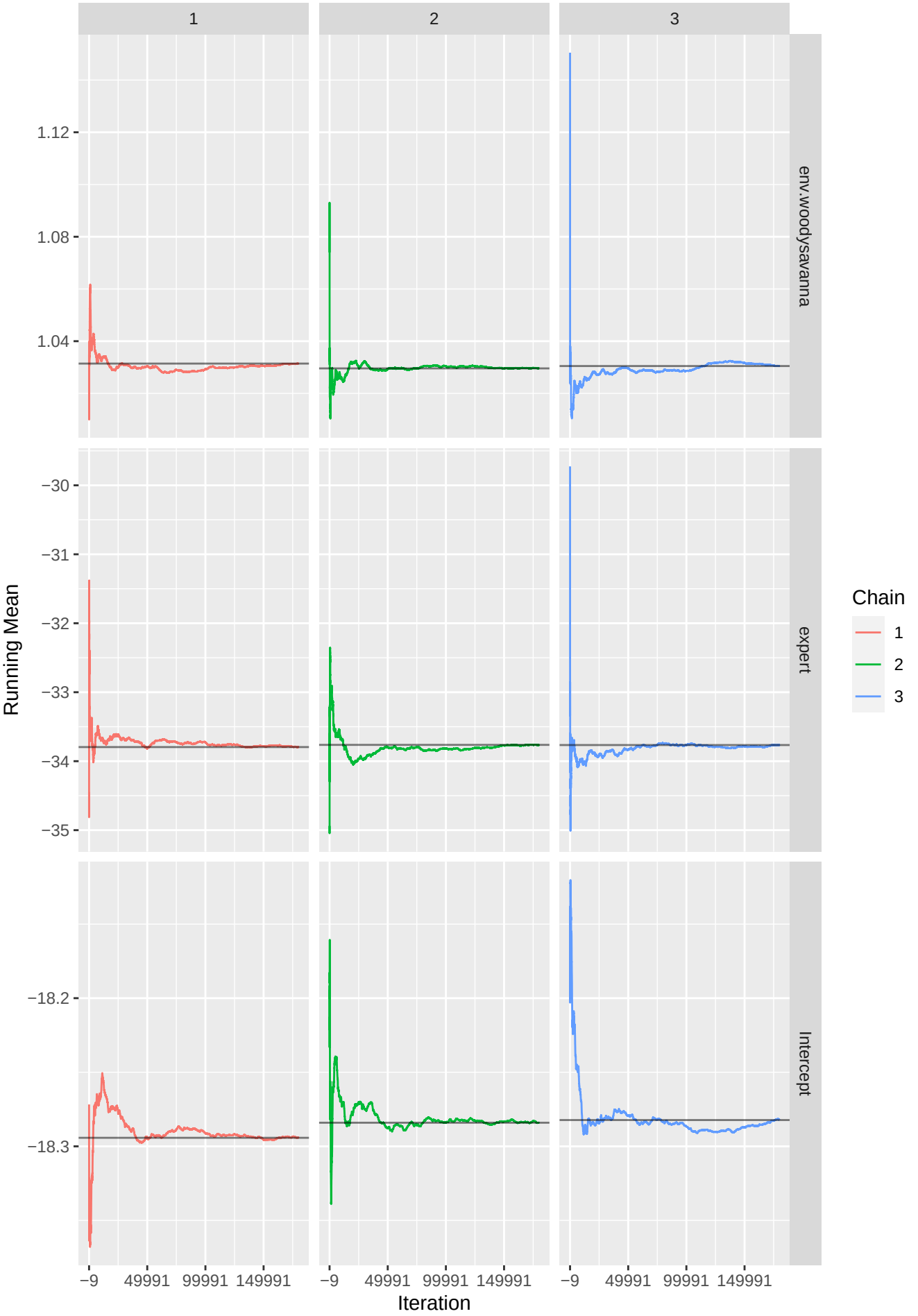

spline1
spline10
spline11
value
Iteration
Chain
1
2
3
20
15
10
5
40
20
0
−20
0.6
0.3
0.0
−0.3
−9
49991
99991
149991

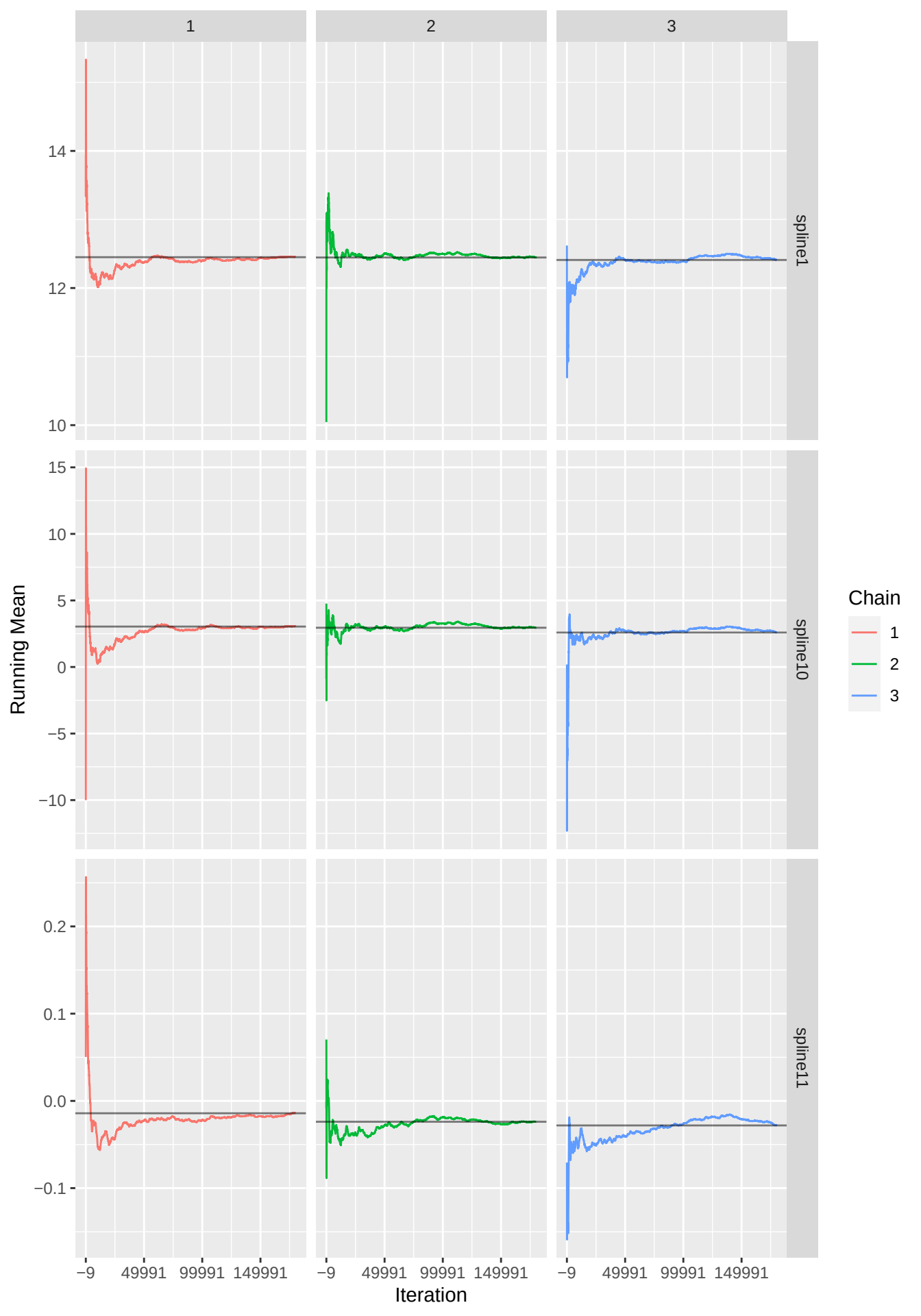

spline12
2
1
0
−9
49991
99991
149991
spline2
0
−3
−6
−9
−12
−9
49991
99991
149991
spline3
15
10
5
−9
49991
99991
149991
value
Iteration
Chain
1
2
3

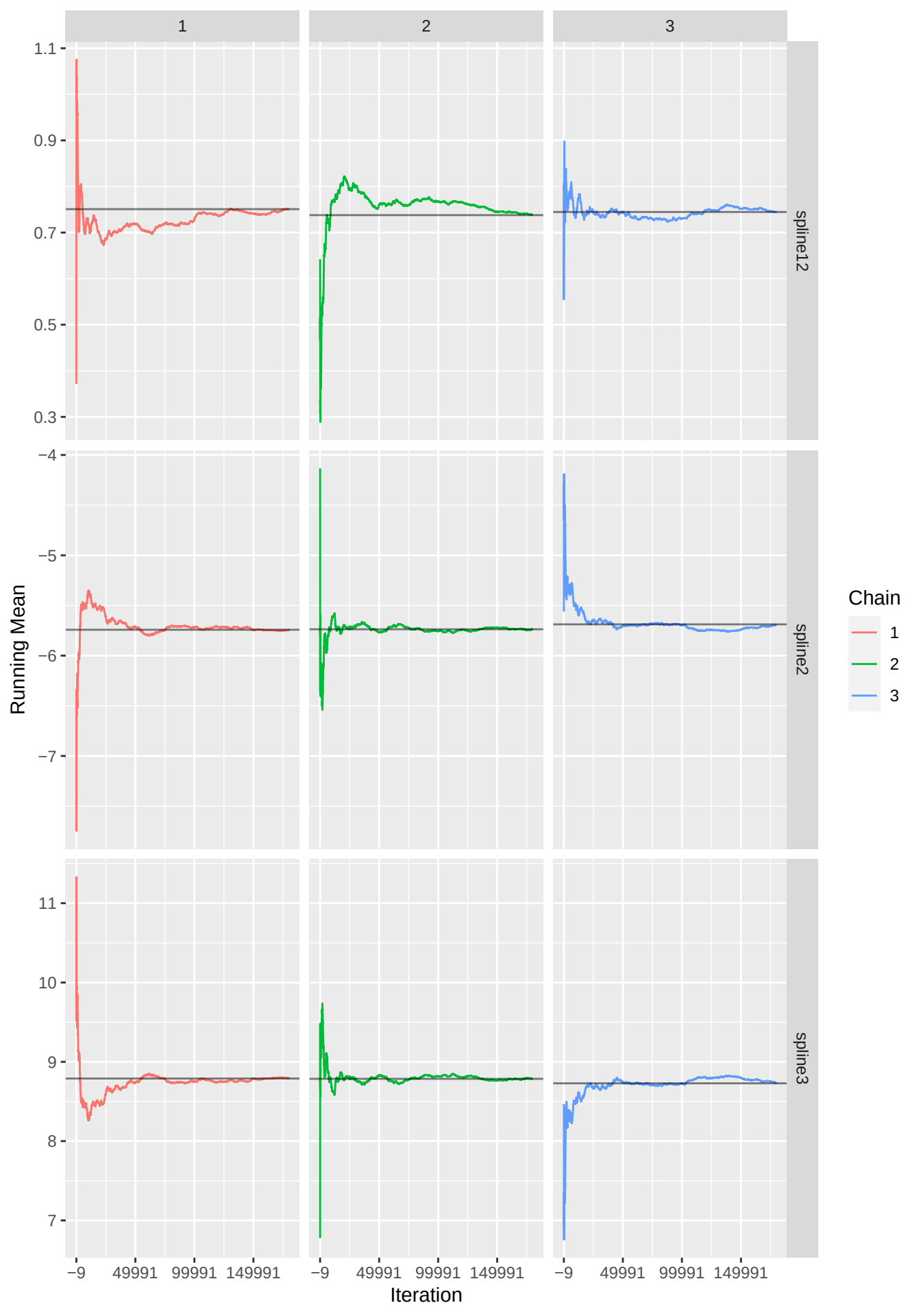

spline4
100
80
60
40
20
−9
49991
99991
149991
spline5
1.5
1.0
0.5
value
−9
49991
99991
149991
spline6
5
4
3
−9
49991
99991
149991
Iteration
Chain
1
2
3

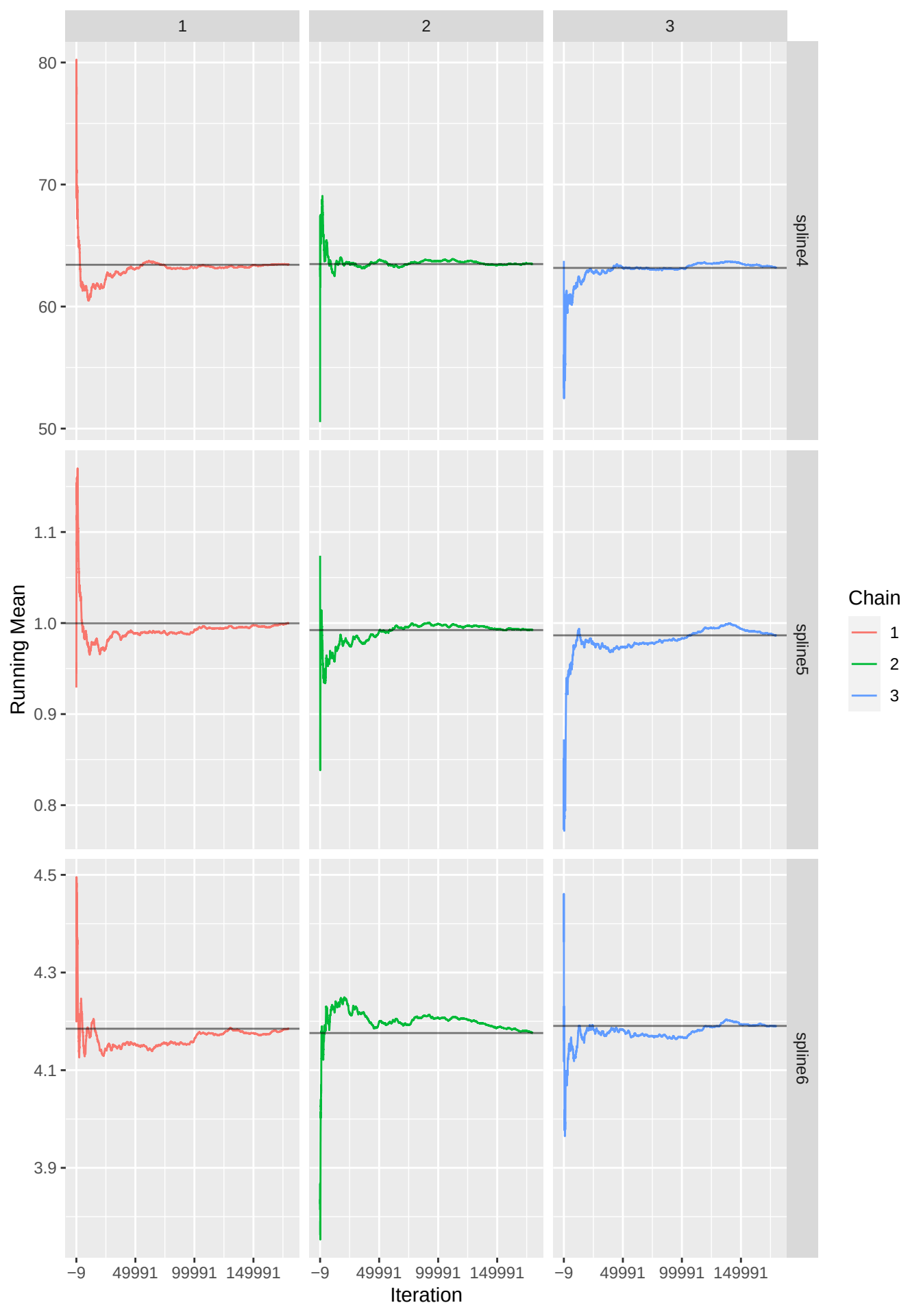

spline7
8
4
0
−4
−9
49991
99991
149991
spline8
5.0
2.5
0.0
−2.5
−5.0
−9
49991
99991
149991
spline9
5
0
−5
−9
49991
99991
149991
value
Iteration
Chain
1
2
3

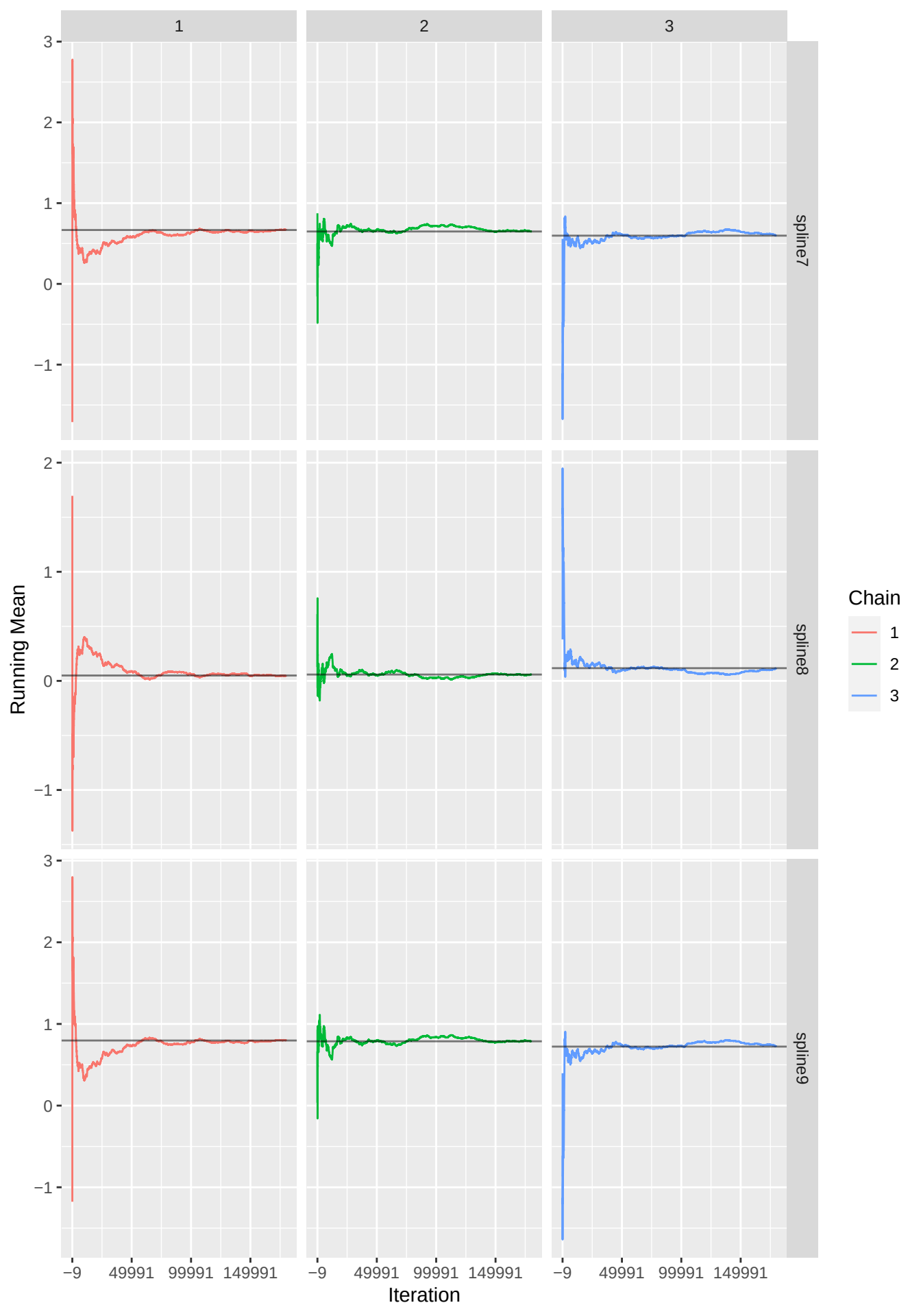

1
2
3
env.bio_12
env.bio_14
env.tree
0.08
0.04
0.00
−0.1
−0.2
−0.3
0.02
0.00
−0.02
−0.04
Running Mean
−9
49991
99991
149991
Iteration
Chain
1
2
3

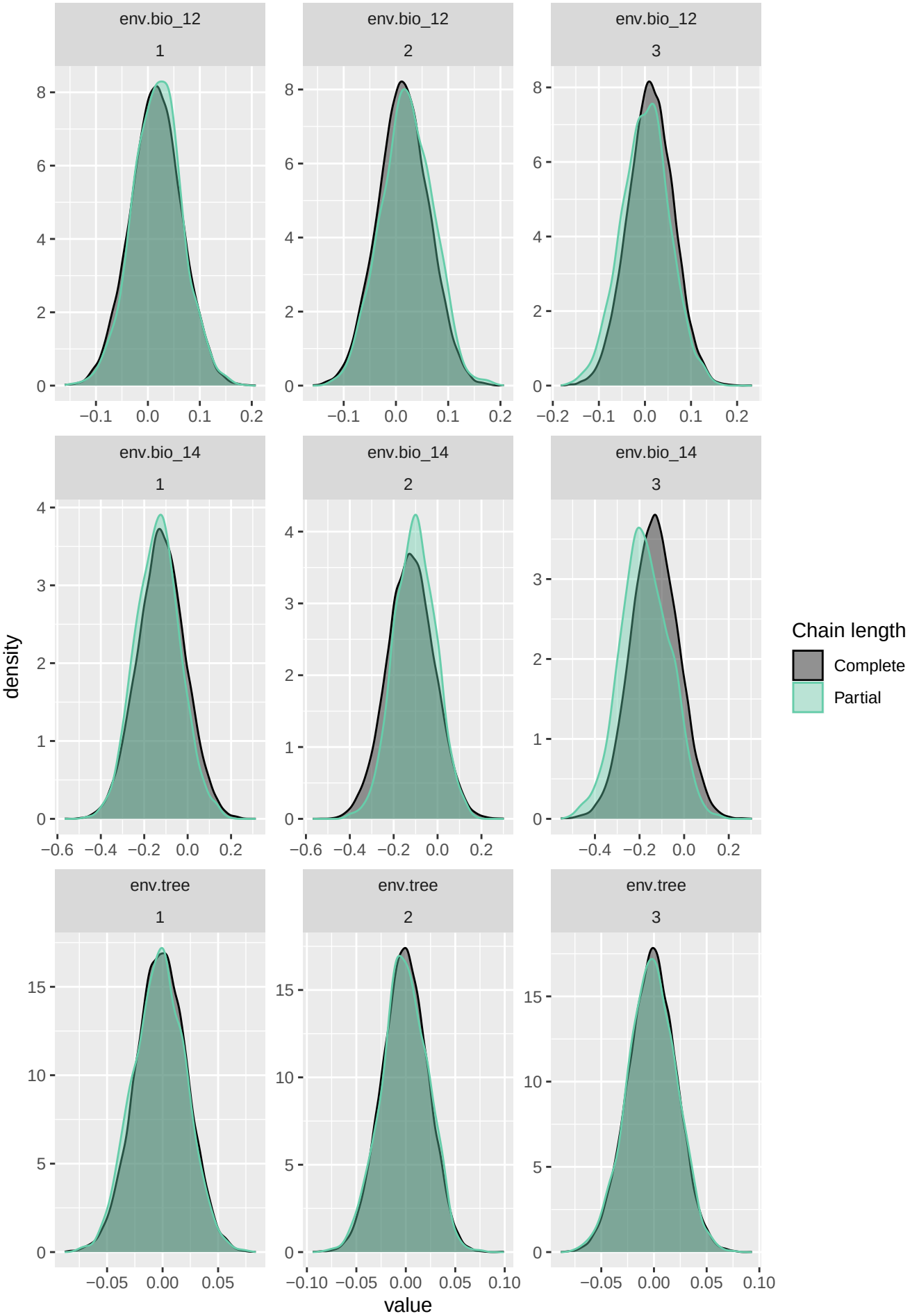

1
2
3
env.woodysavanna
expert
Intercept
1.12
1.08
1.04
−30
−31
−32
−33
−34
−35
−18.2
−18.3
Running Mean
−9
49991
99991
149991
Iteration
Chain
1
2
3

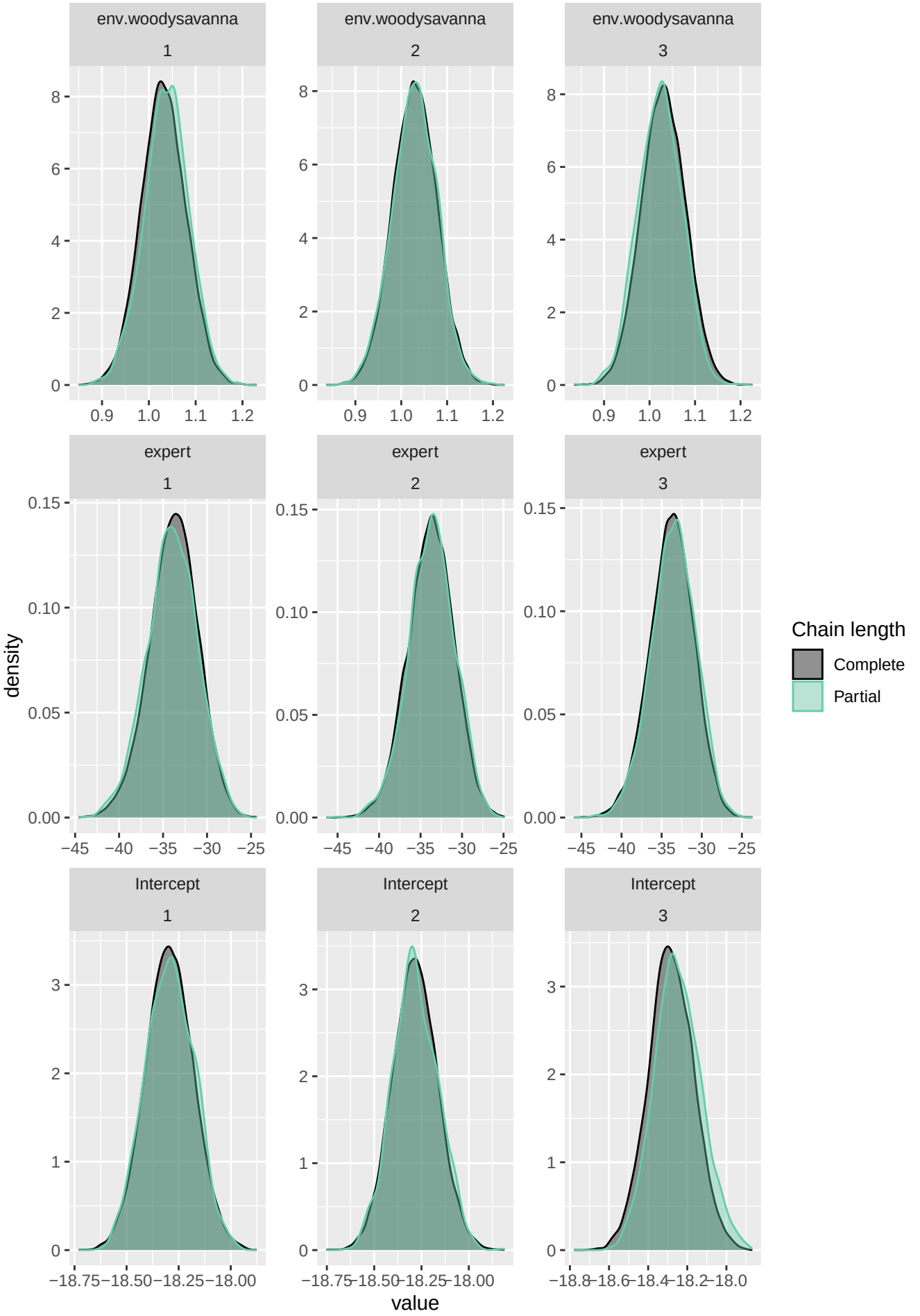

1
2
3
spline1
spline10
spline11
Running Mean
Iteration
Chain
1
2
3
14
12
10
15
10
5
0
−5
−10
0.2
0.1
0.0
−0.1
−9
49991
99991
149991

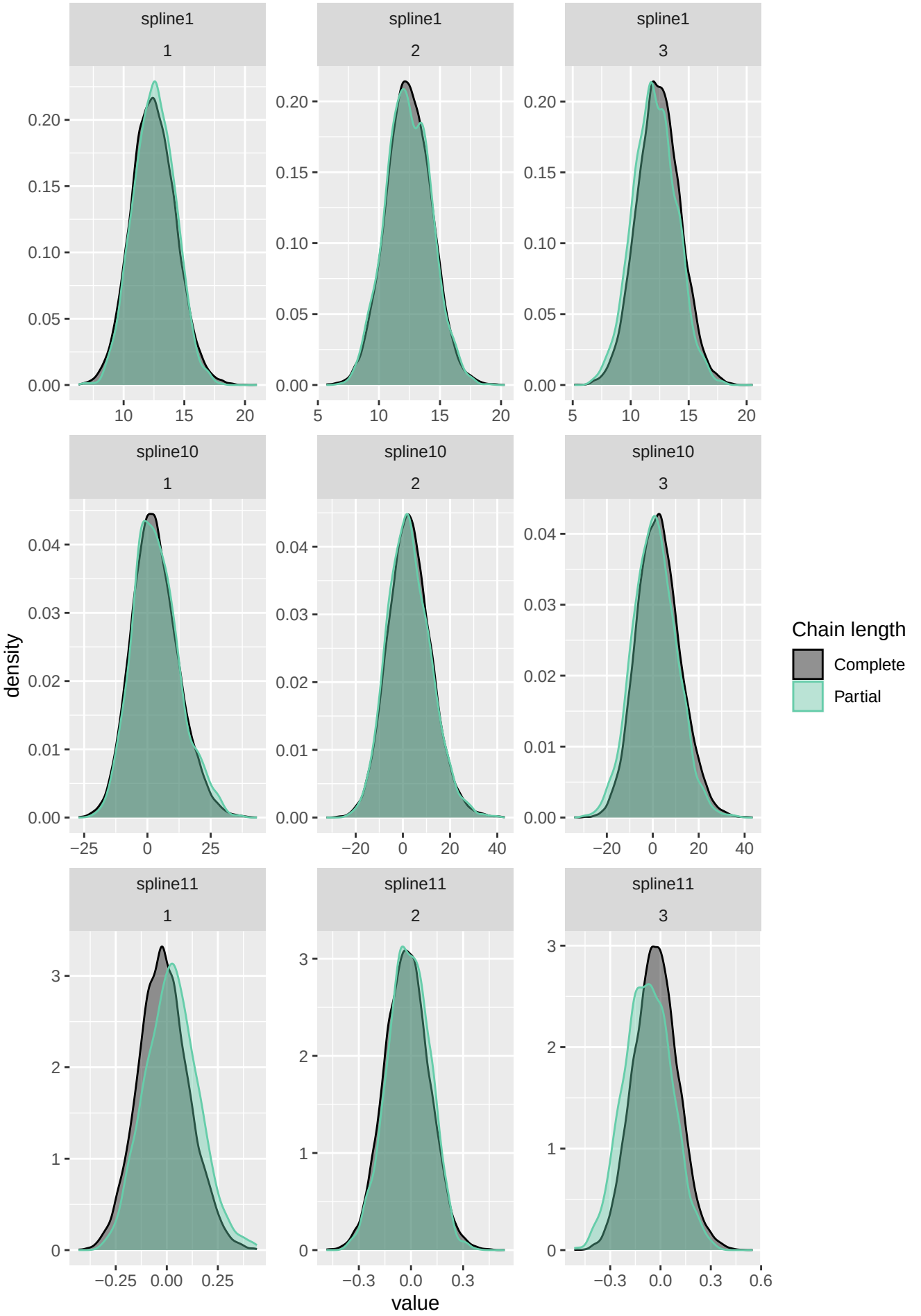

1
2
3
spline12
spline2
spline3
Running Mean
Iteration
Chain
1
2
3
1.1
0.9
0.7
0.5
0.3
−4
−5
−6
−7
11
10
9
8
7
−9
49991
99991
149991

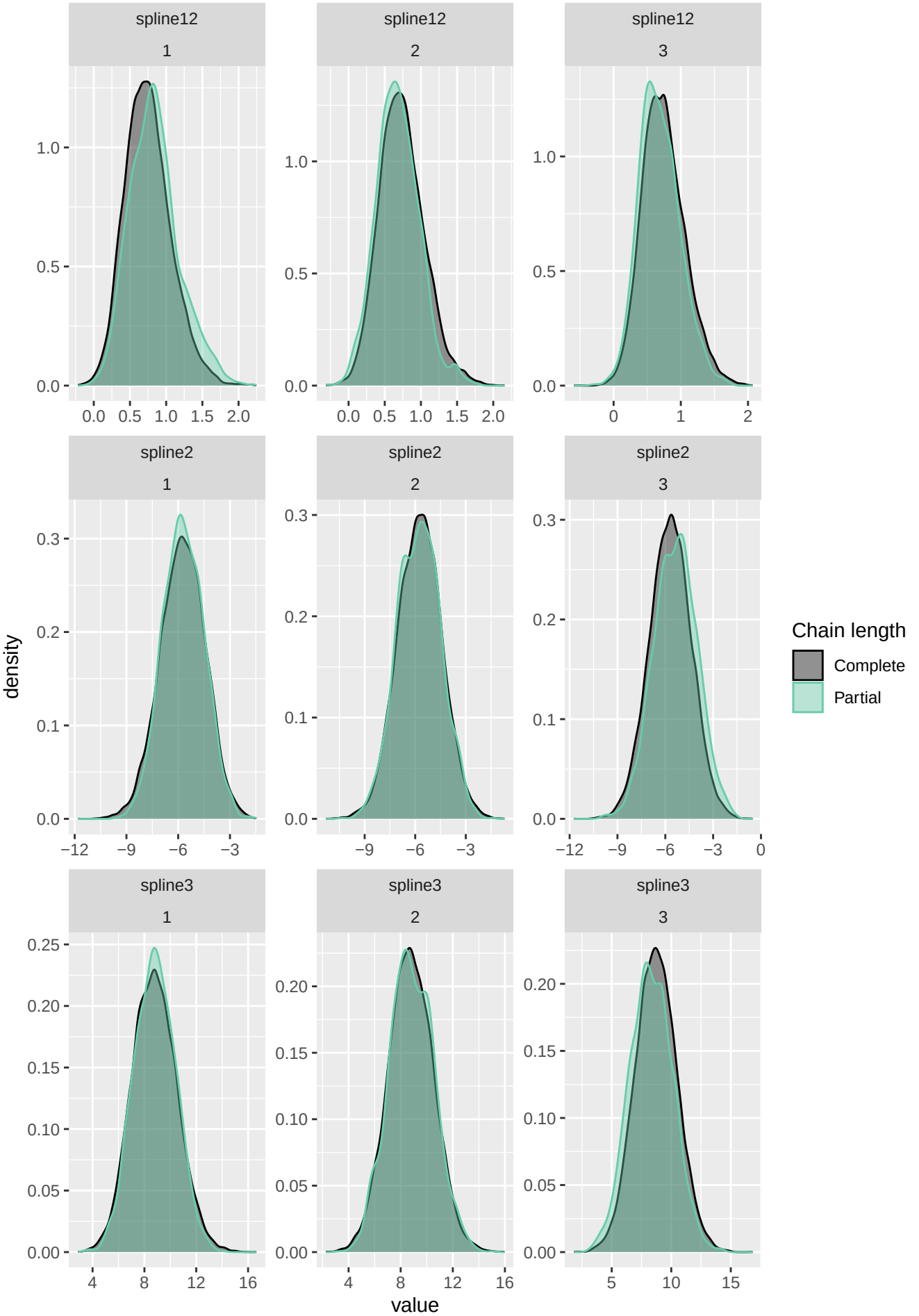

1
2
3
spline4
spline5
spline6
Running Mean
Iteration
Chain
1
2
3
80
70
60
50
1.1
1.0
0.9
0.8
4.5
4.3
4.1
3.9
−9
49991
99991
149991

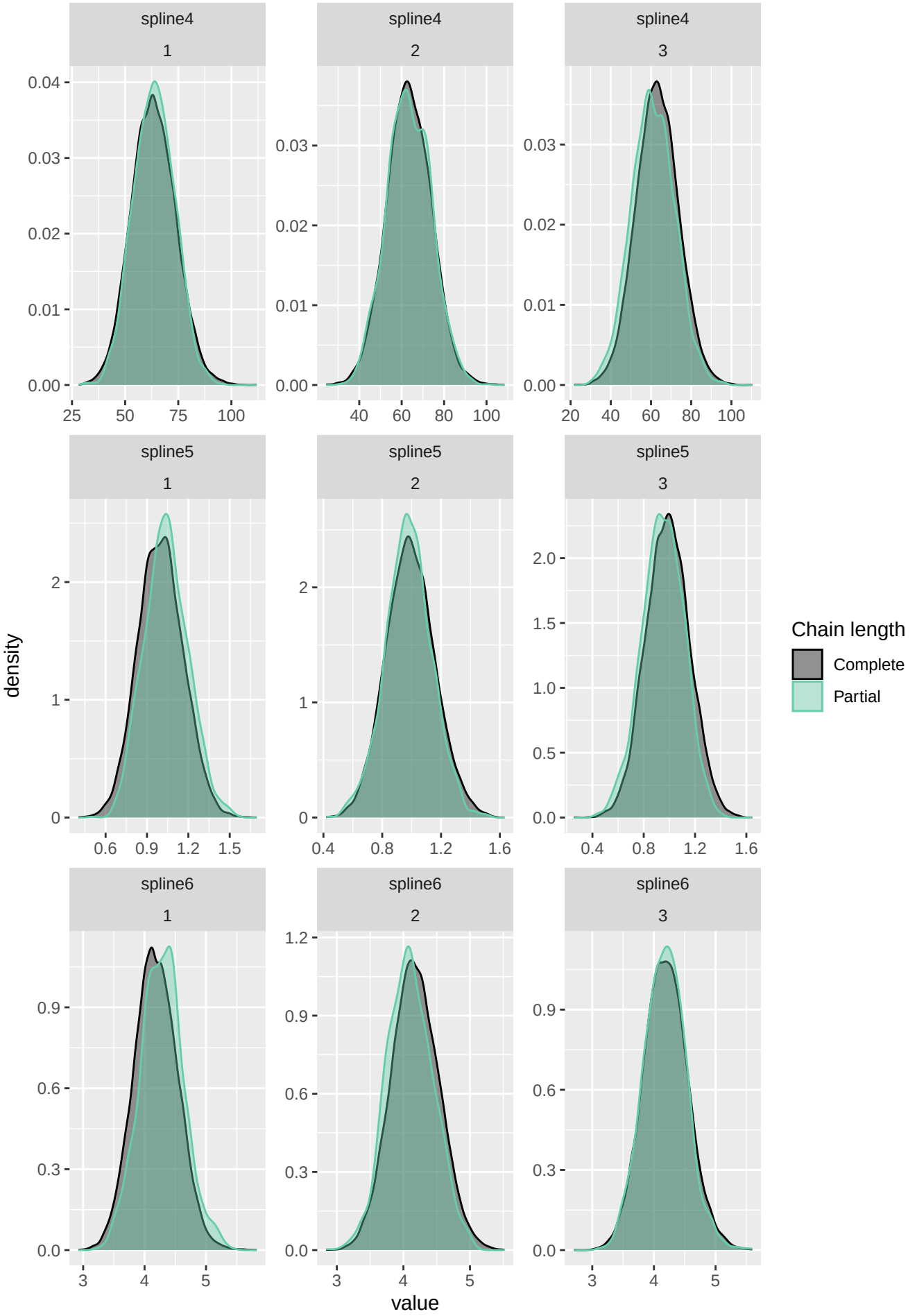

1
2
3
spline7
spline8
spline9
Running Mean
Iteration
−9
49991
99991
149991
Chain
1
2
3

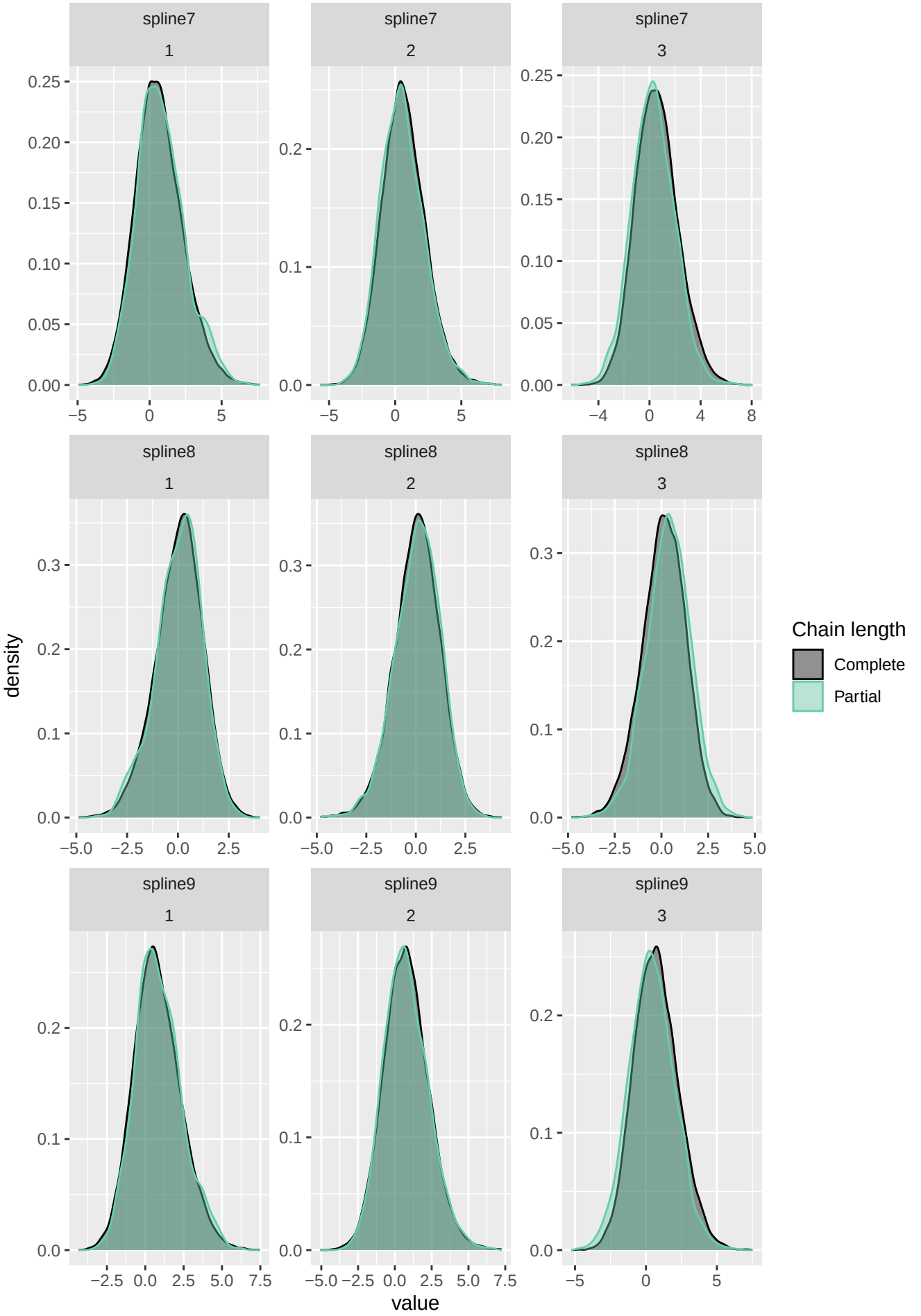

env.bio_12
1
env.bio_12
2
env.bio_12
3
env.bio_14
1
env.bio_14
2
env.bio_14
3
env.tree
1
env.tree
2
env.tree
3
density
value
Chain length
Complete
Partial

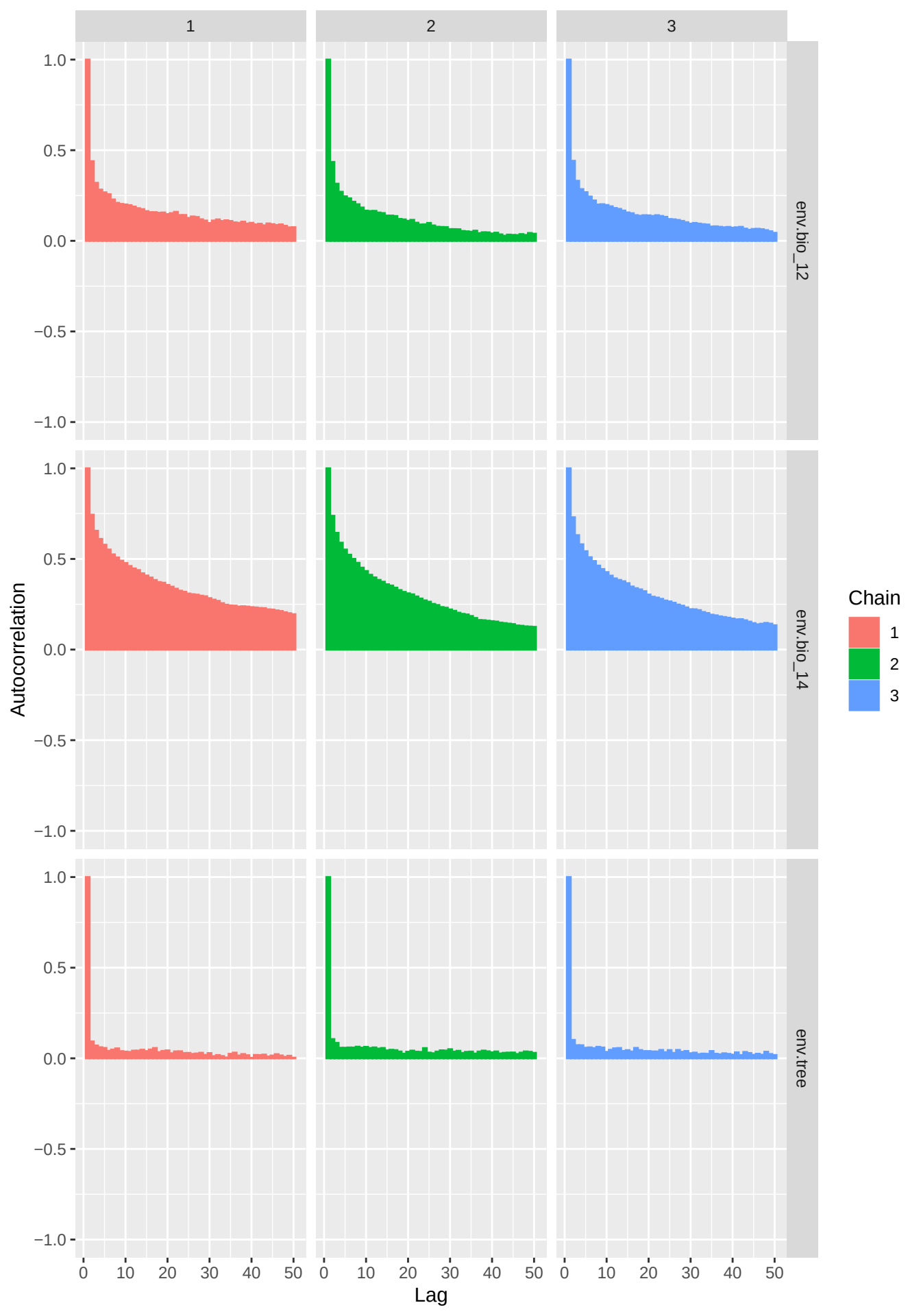

env.woodysavanna
1
env.woodysavanna
2
env.woodysavanna
3
expert
1
expert
2
expert
3
Intercept
1
Intercept
2
Intercept
3
density
value
Chain length
Complete
Partial

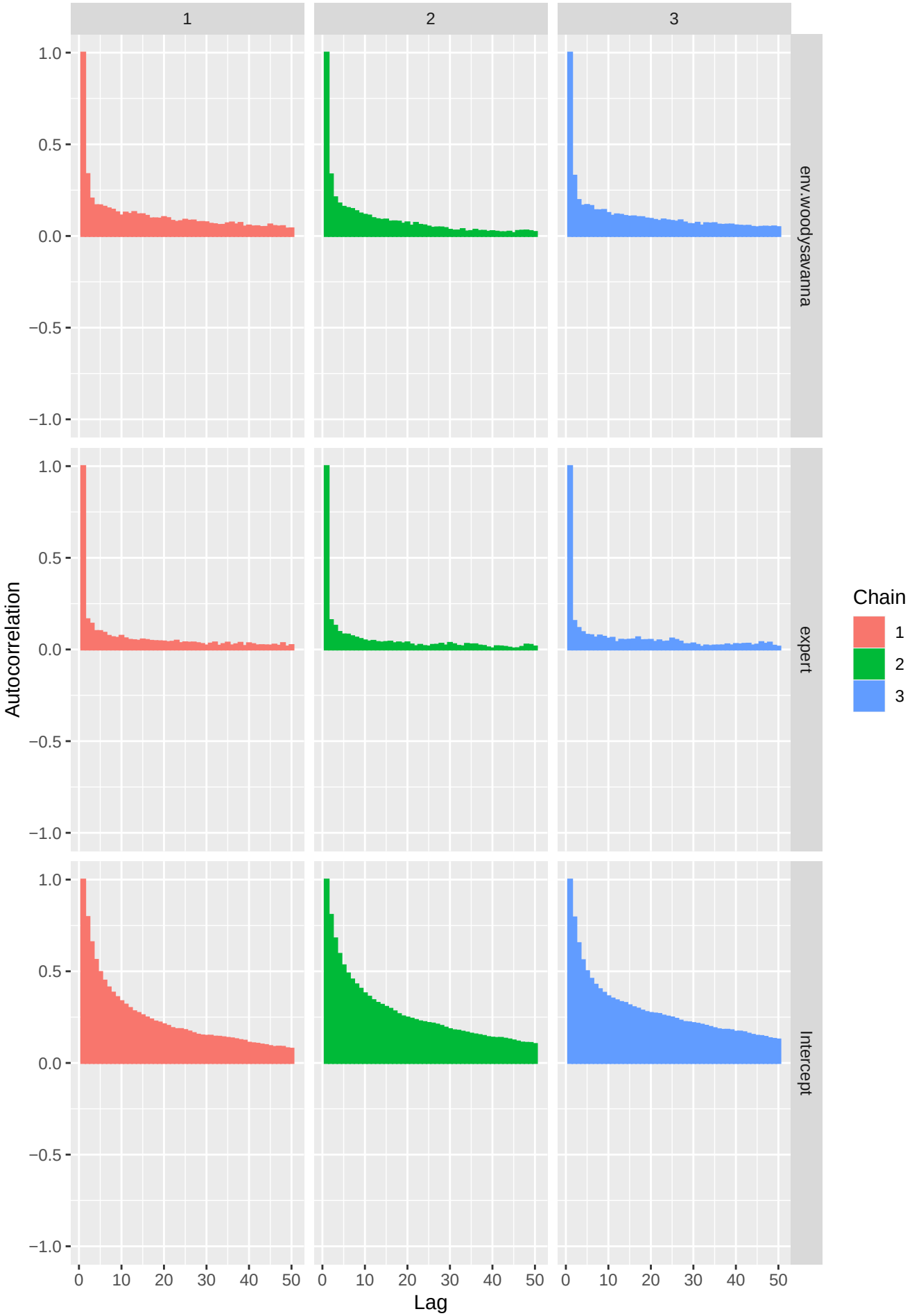

spline1
1
2
3
spline10
spline11
density
value
Chain length
Complete
Partial

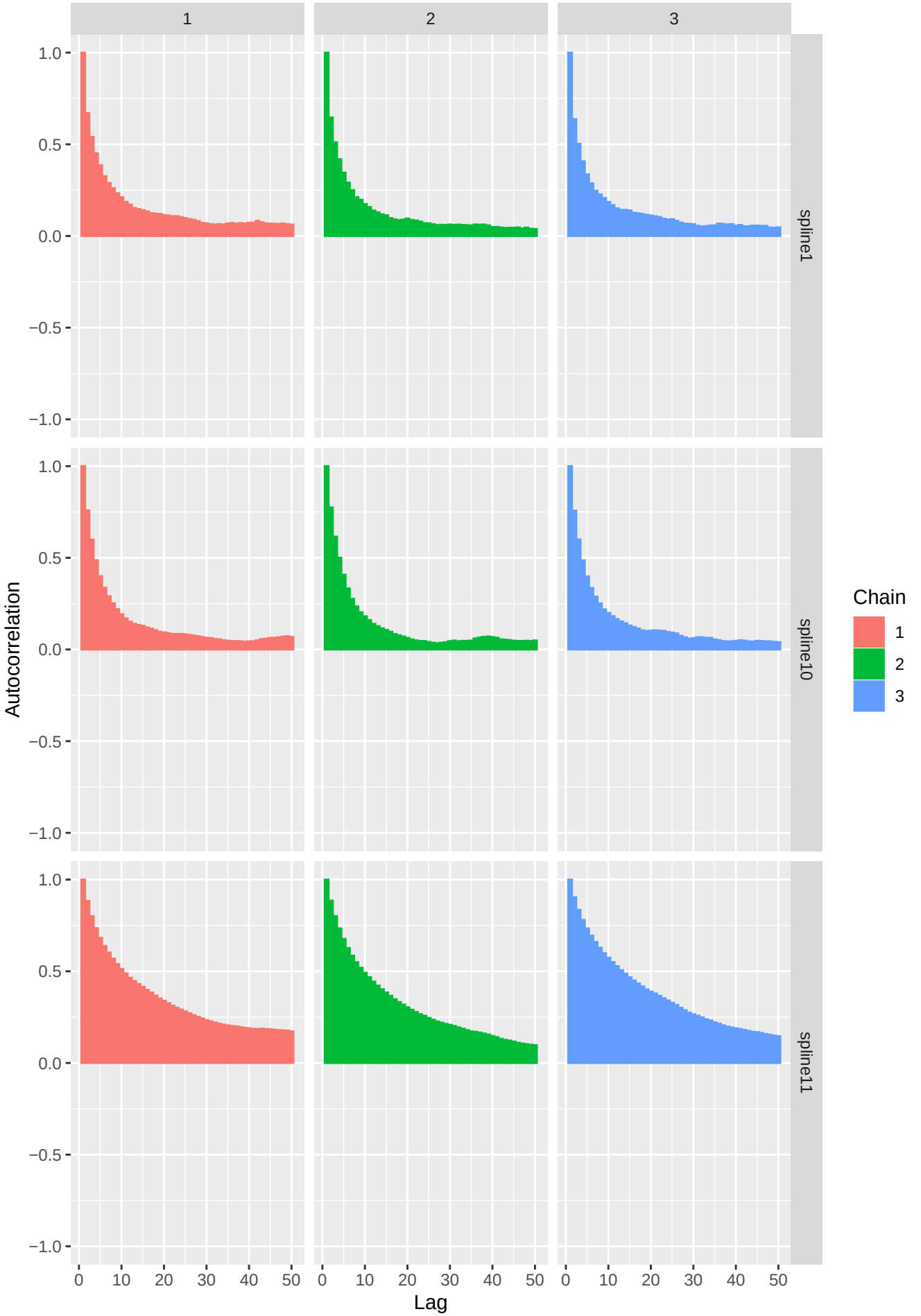

spline12
1
spline12
2
spline12
3
spline2
1
spline2
2
spline2
3
spline3
1
spline3
2
spline3
3
density
value
Chain length
Complete
Partial

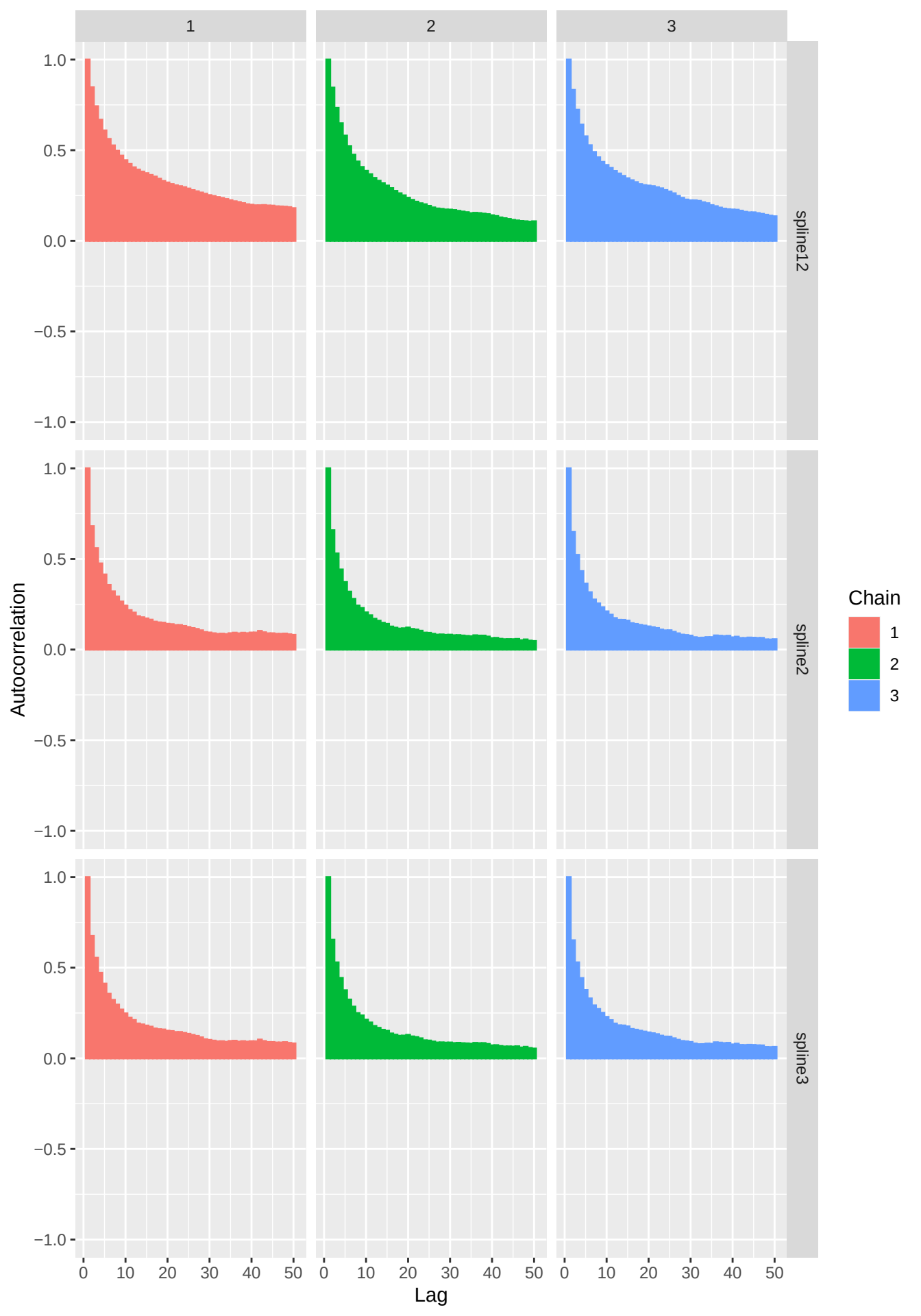

spline4
1
spline4
2
spline4
3
spline5
1
spline5
2
spline5
3
spline6
1
spline6
2
spline6
3
density
value
Chain length
Complete
Partial

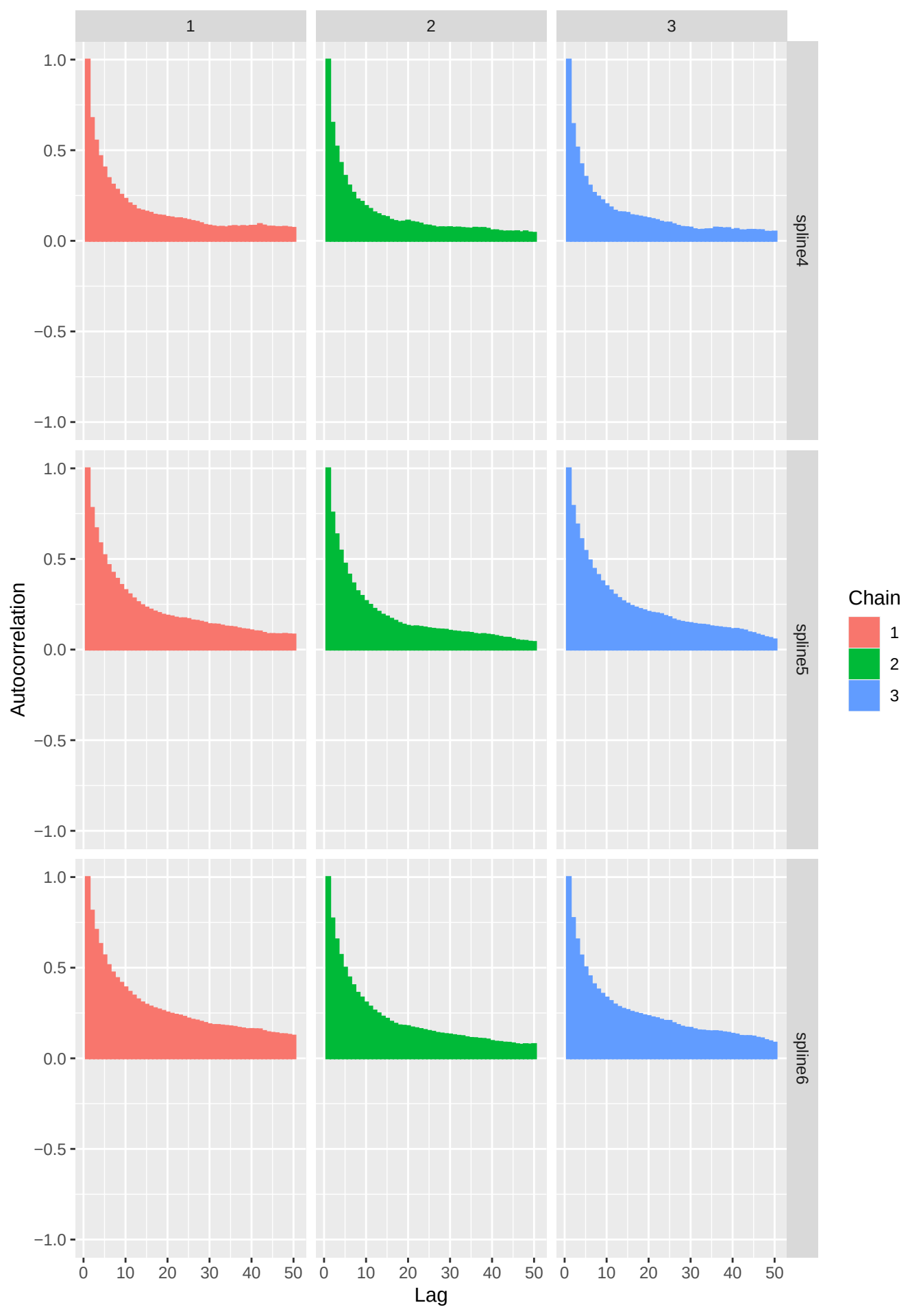

spline7
1
spline7
2
spline7
3
spline8
1
spline8
2
spline8
3
spline9
1
spline9
2
spline9
3
density
value
Chain length
Complete
Partial

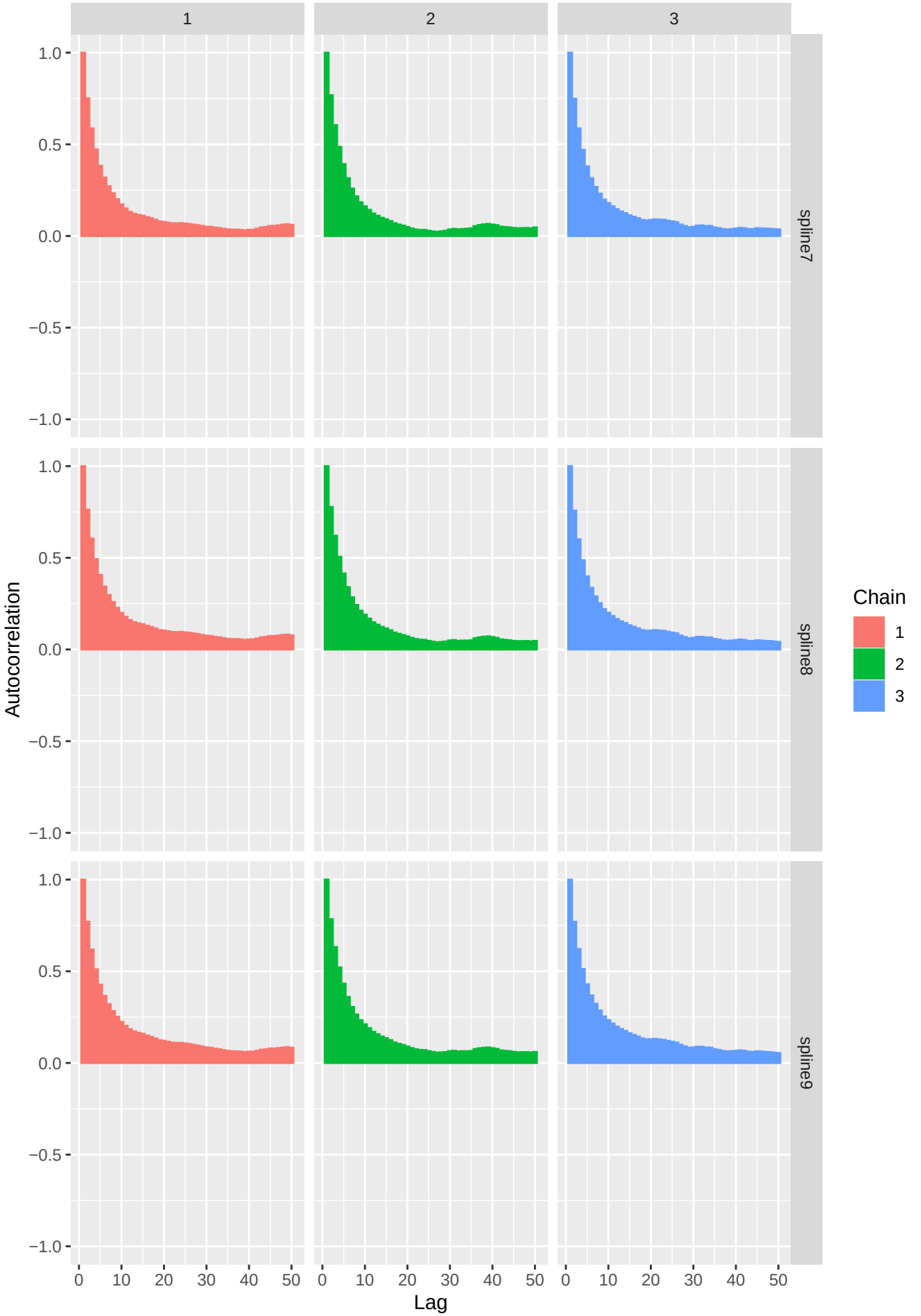

1
2
3
env.bio_12
env.bio_14
env.tree
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3

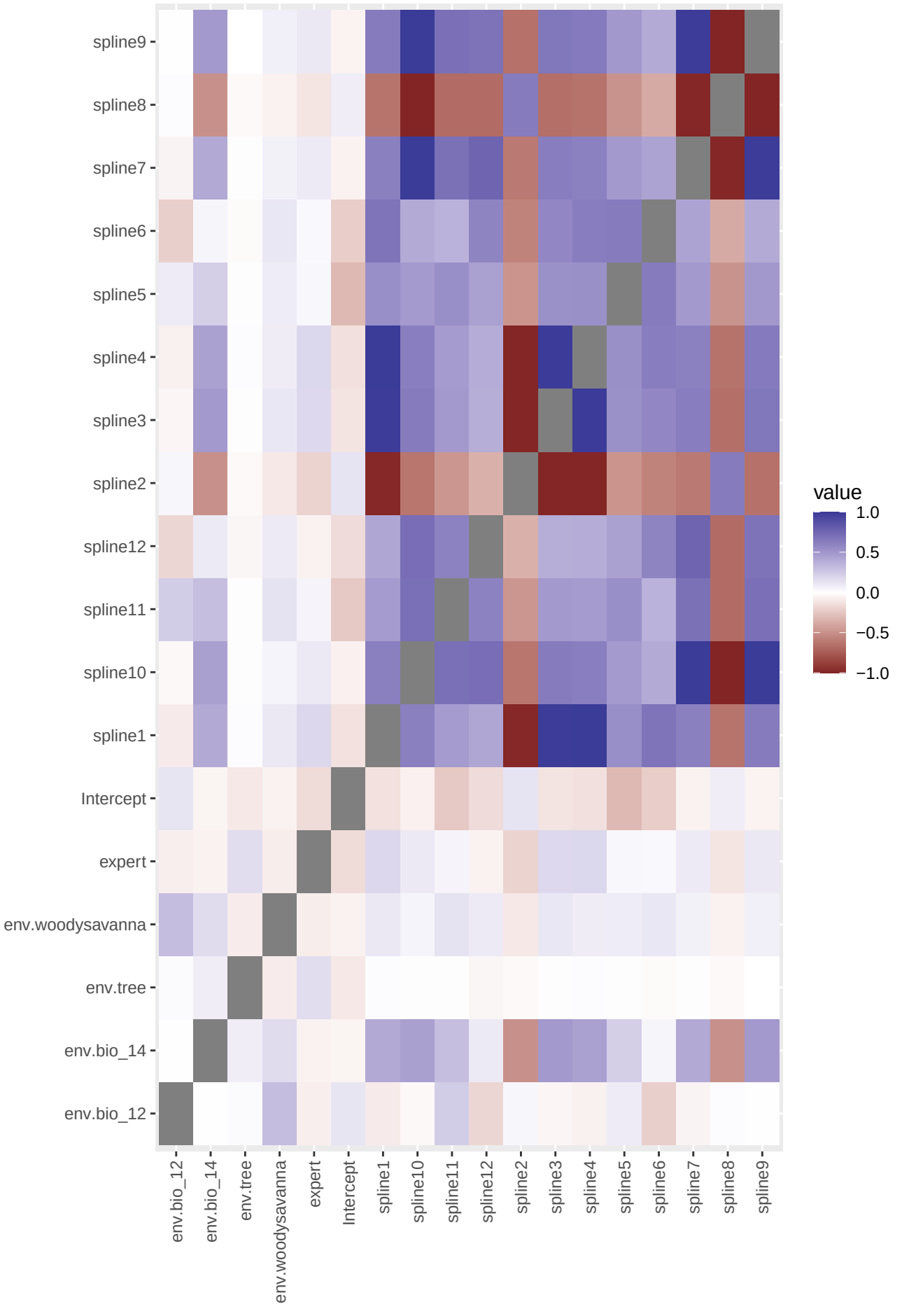

1
2
3
env.woodysavanna
expert
Intercept
Autocorrelation
Lag
Chain
1
2
3
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50

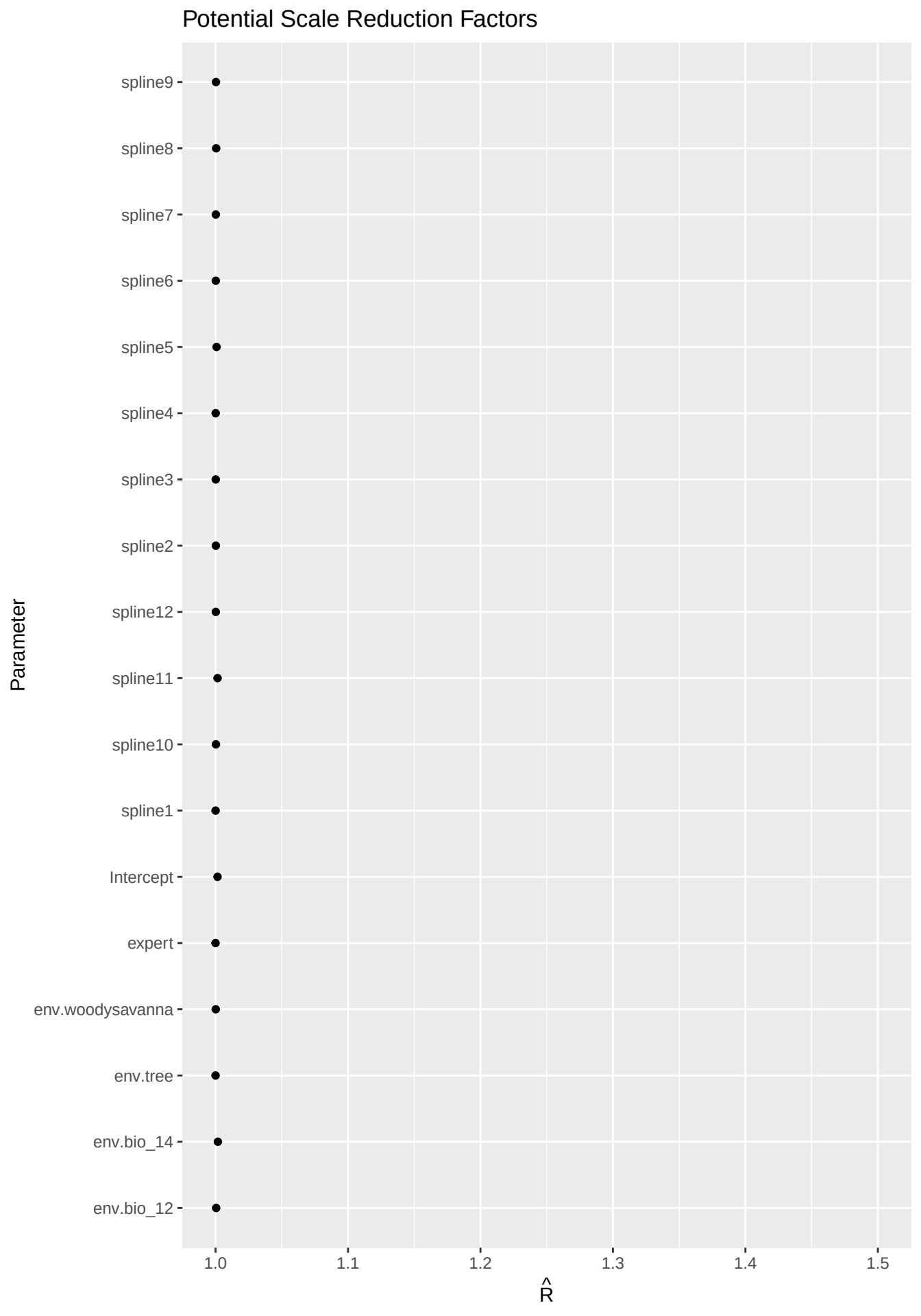

1
2
3
spline1
spline10
spline11
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3

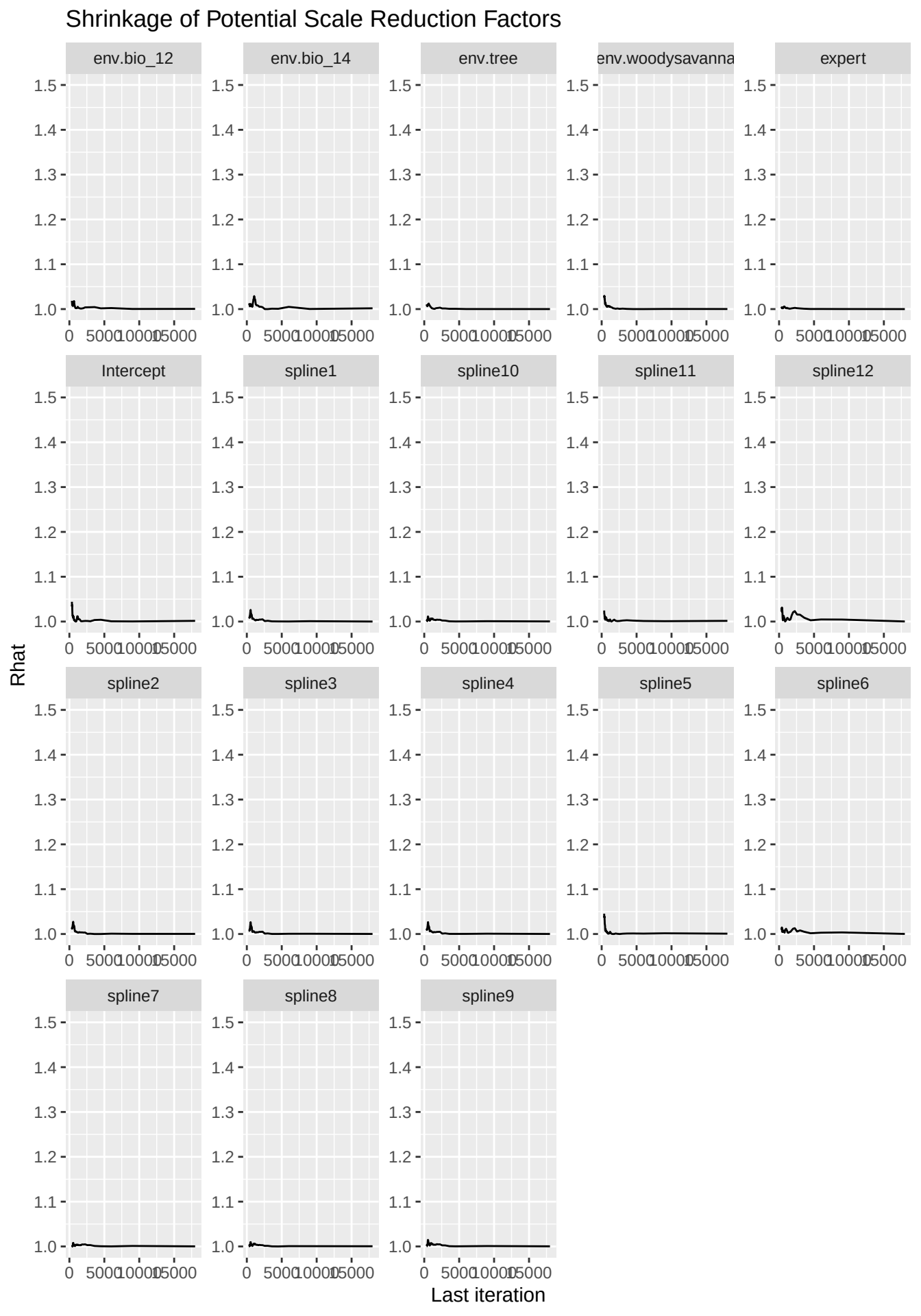

1
2
3
spline12
spline2
spline3
Autocorrelation
Lag
Chain
1
2
3
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50

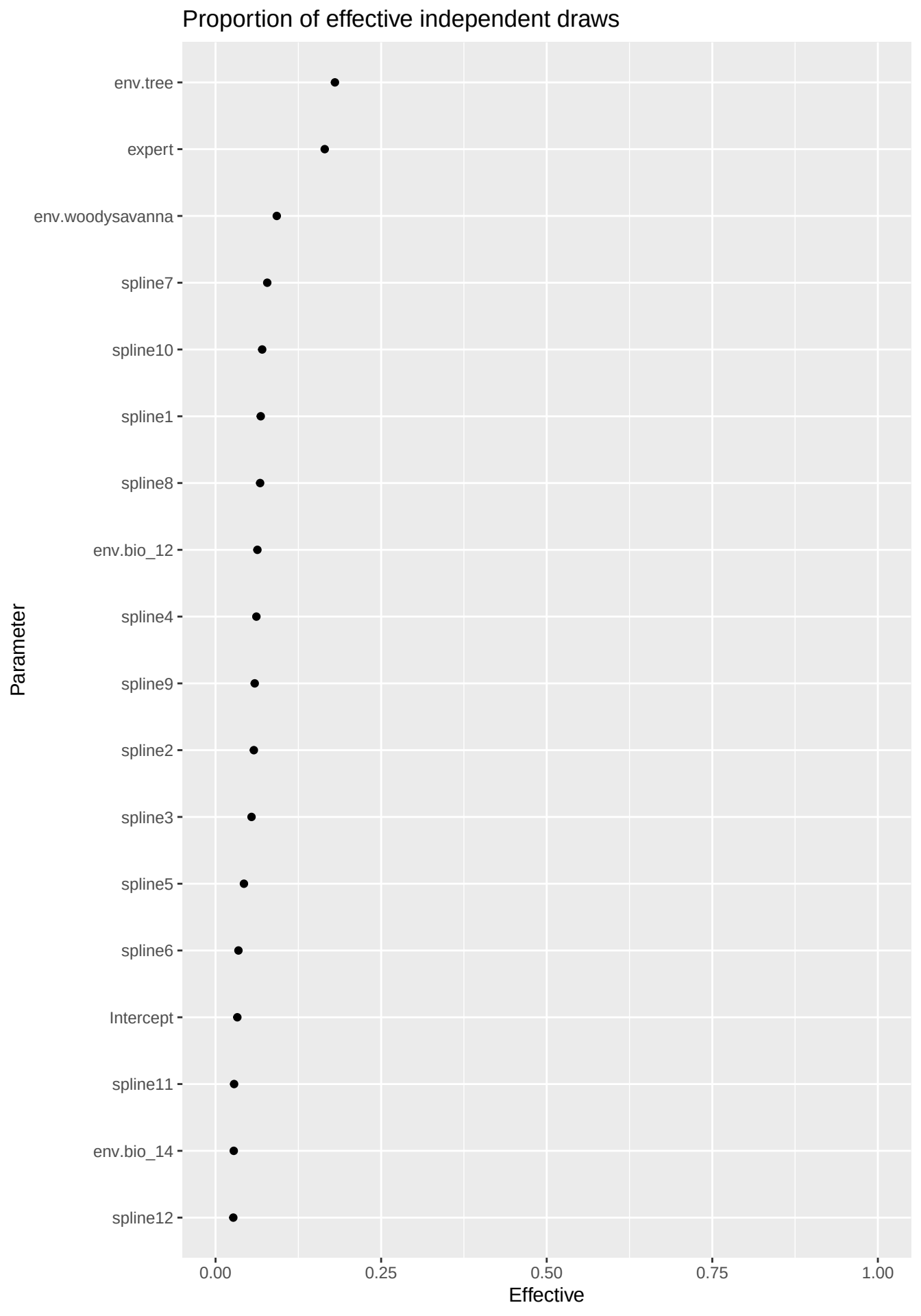

1
2
3
spline4
spline5
spline6
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3

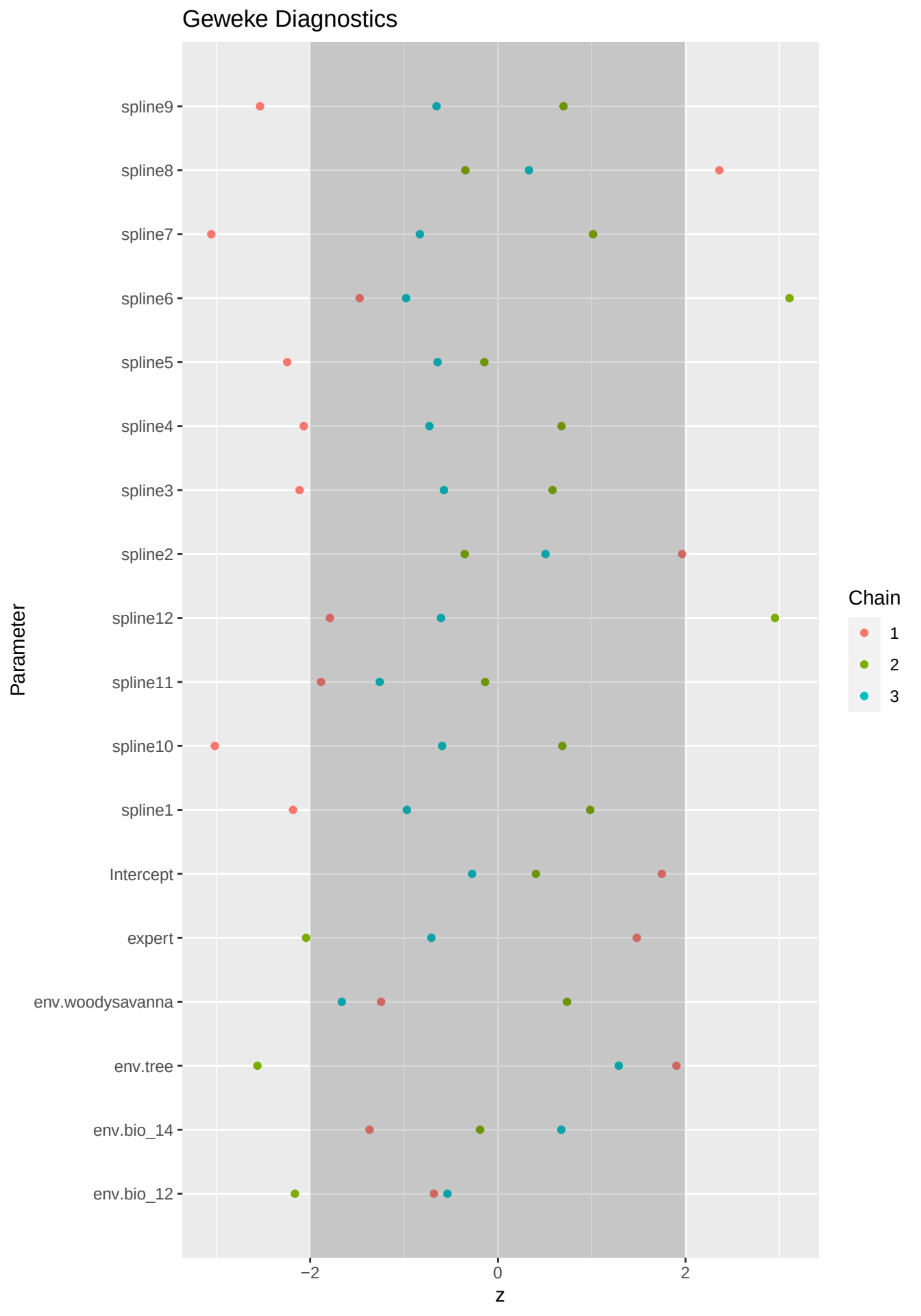

1
2
3
spline7
spline8
spline9
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3

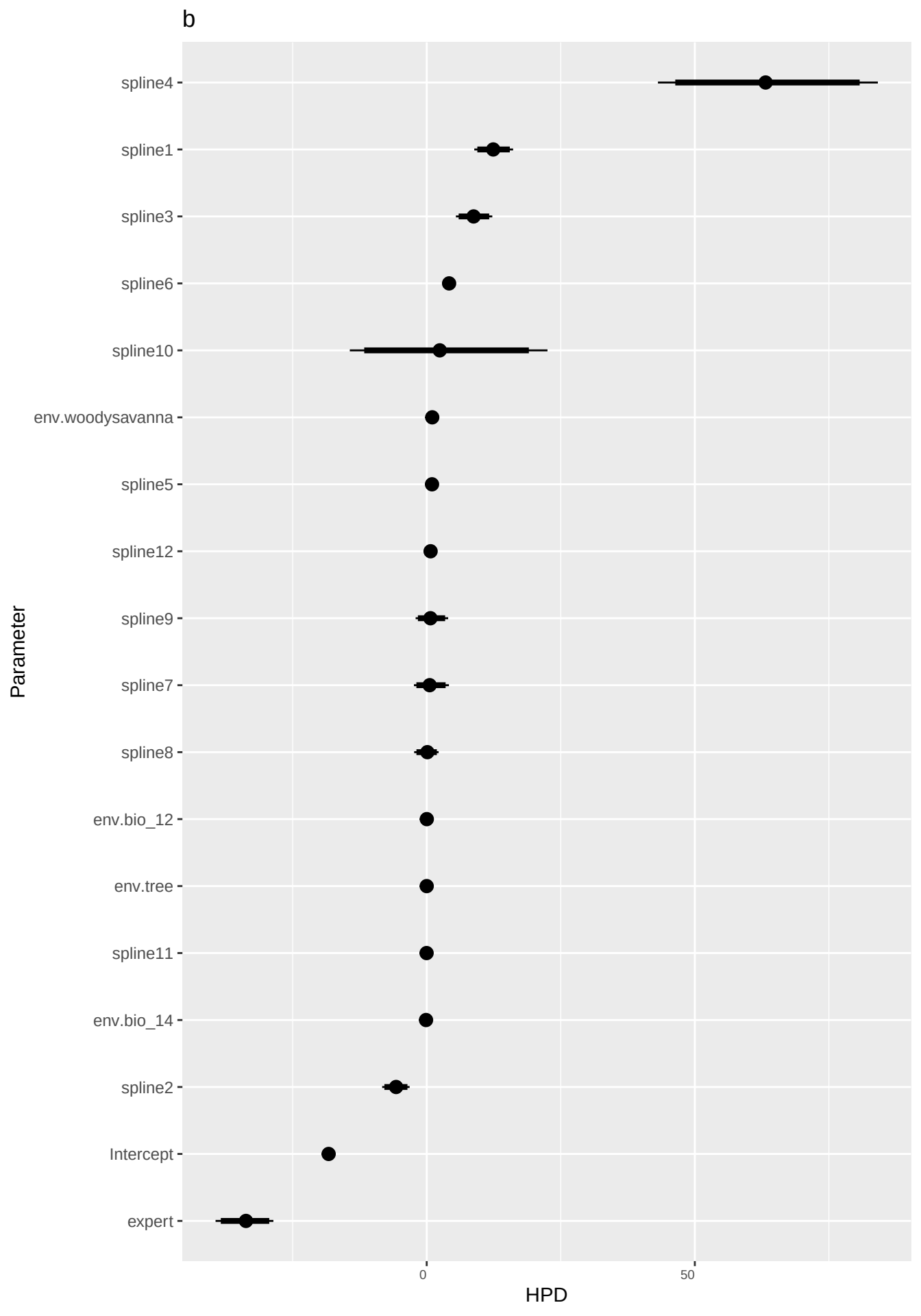

spline9
spline8
spline7
spline6
spline5
spline4
spline3
spline2
spline12
spline11
spline10
spline1
Intercept
expert
env.woodysavanna
env.tree
env.bio_14
env.bio_12
env.bio_12
env.bio_14
env.tree
env.woodysavanna
expert
Intercept
spline1
spline10
spline11
spline12
spline2
spline3
spline4
spline5
spline6
spline7
spline8
spline9
value
1.0
0.5
0.0
−0.5
−1.0


Potential Scale Reduction Factors
Parameter
spline9
spline8
spline7
spline6
spline5
spline4
spline3
spline2
spline12
spline11
spline10
spline1
Intercept
expert
env.woodysavanna
env.tree
env.bio_14
env.bio_12
1.0
1.1
1.2
1.3
1.4
1.5
R̂


Shrinkage of Potential Scale Reduction Factors
env.bio_12
env.bio_14
env.tree
env.woodysavanna
expert
Intercept
spline1
spline10
spline11
spline12
spline2
spline3
spline4
spline5
spline6
spline7
spline8
spline9
Rhat
Last iteration
1.0
1.1
1.2
1.3
1.4
1.5
0
5000
10000
15000


Proportion of effective independent draws
env.tree
expert
env.woodysavanna
spline7
spline10
spline1
spline8
env.bio_12
spline4
spline9
spline2
spline3
spline5
spline6
Intercept
spline11
env.bio_14
spline12
Parameter
0.00
0.25
0.50
0.75
1.00
Effective


Geweke Diagnostics
spline9
spline8
spline7
spline6
spline5
spline4
spline3
spline2
spline12
spline11
spline10
spline1
Intercept
expert
env.woodysavanna
env.tree
env.bio_14
env.bio_12
Parameter
−2
0
2
z
Chain
1
2
3


b
spline4
spline1
spline3
spline6
spline10
env.woodysavanna
spline5
spline12
spline9
spline7
spline8
env.bio_12
env.tree
spline11
env.bio_14
spline2
Intercept
expert
Parameter
0
50
HPD