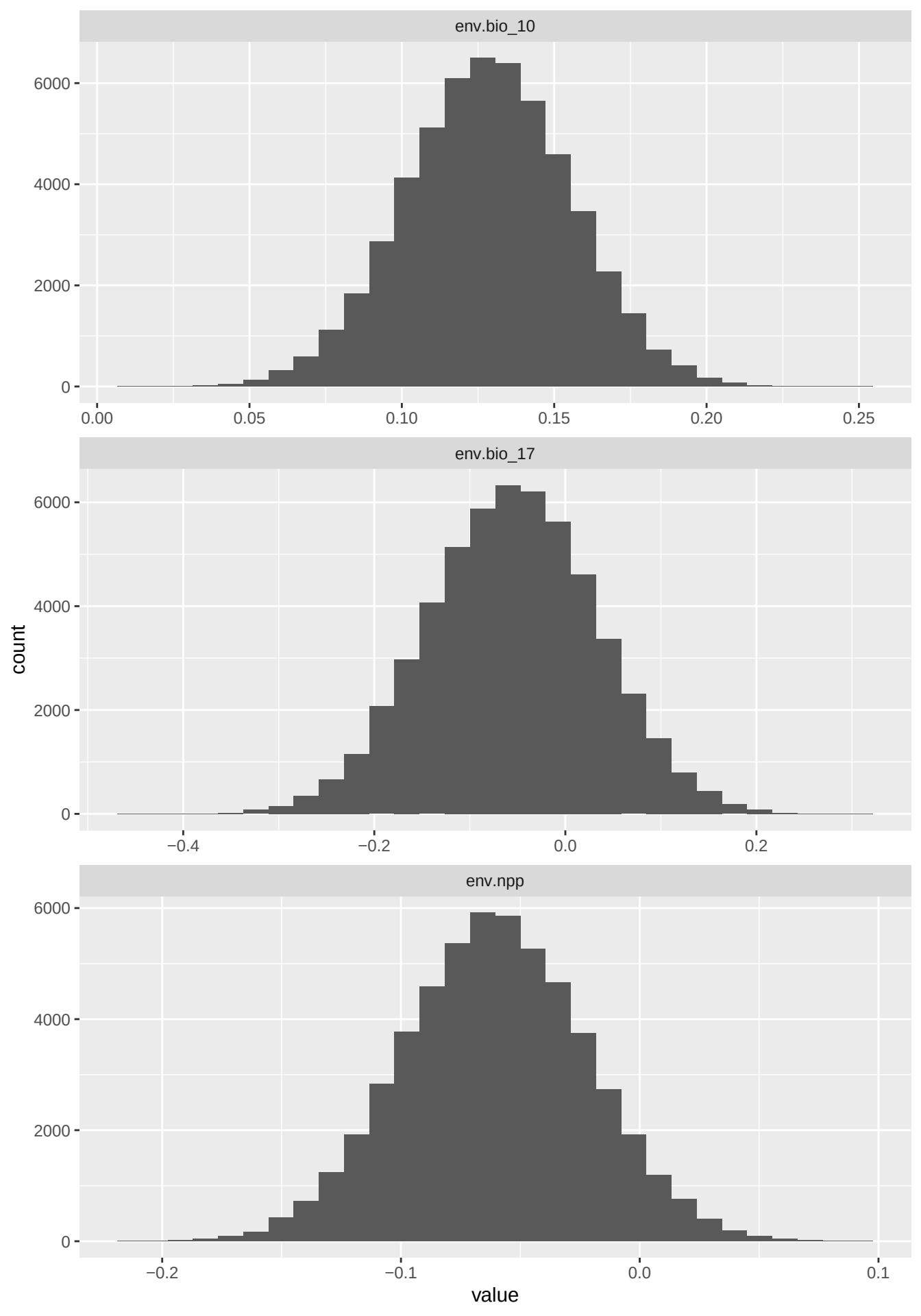
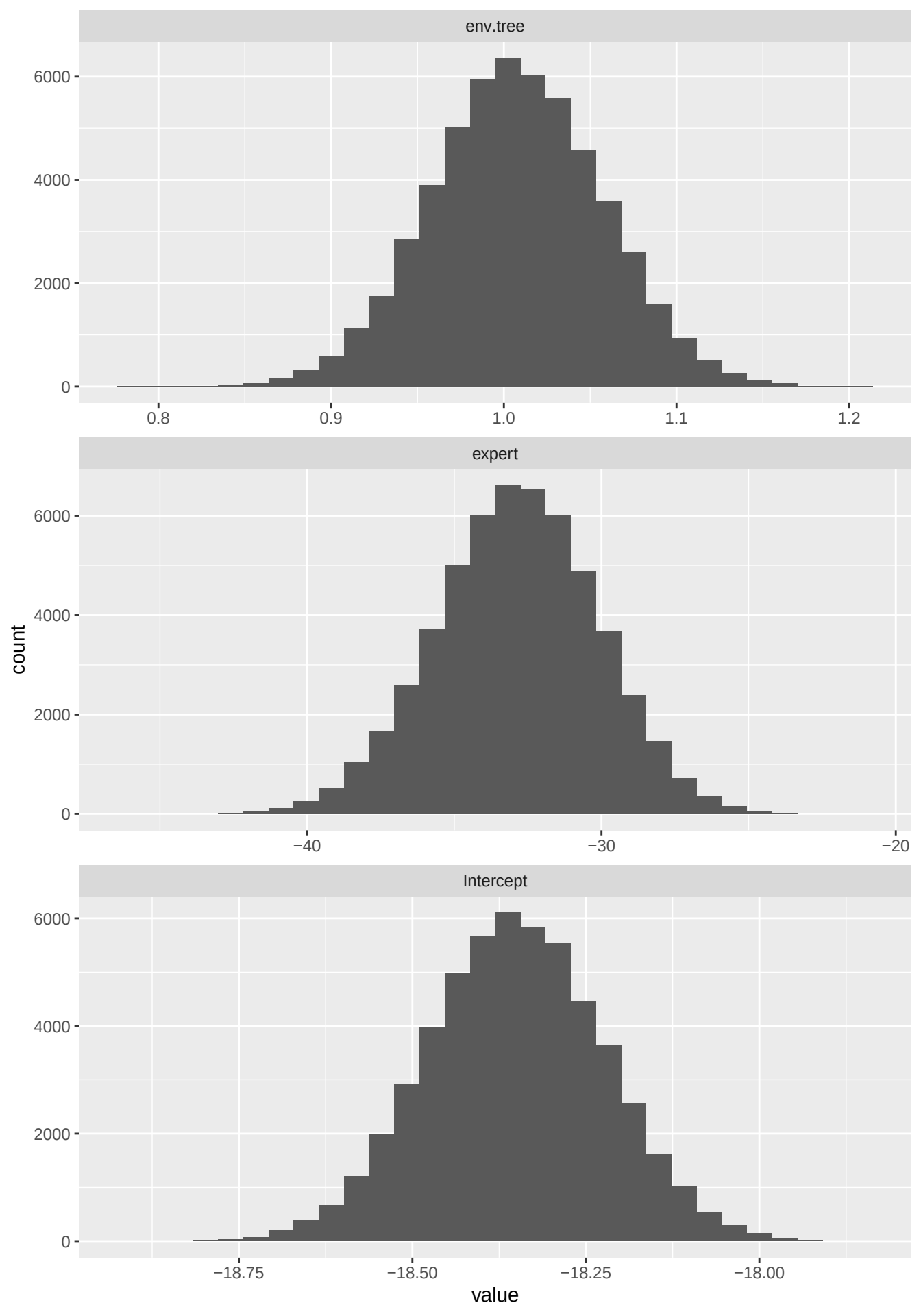
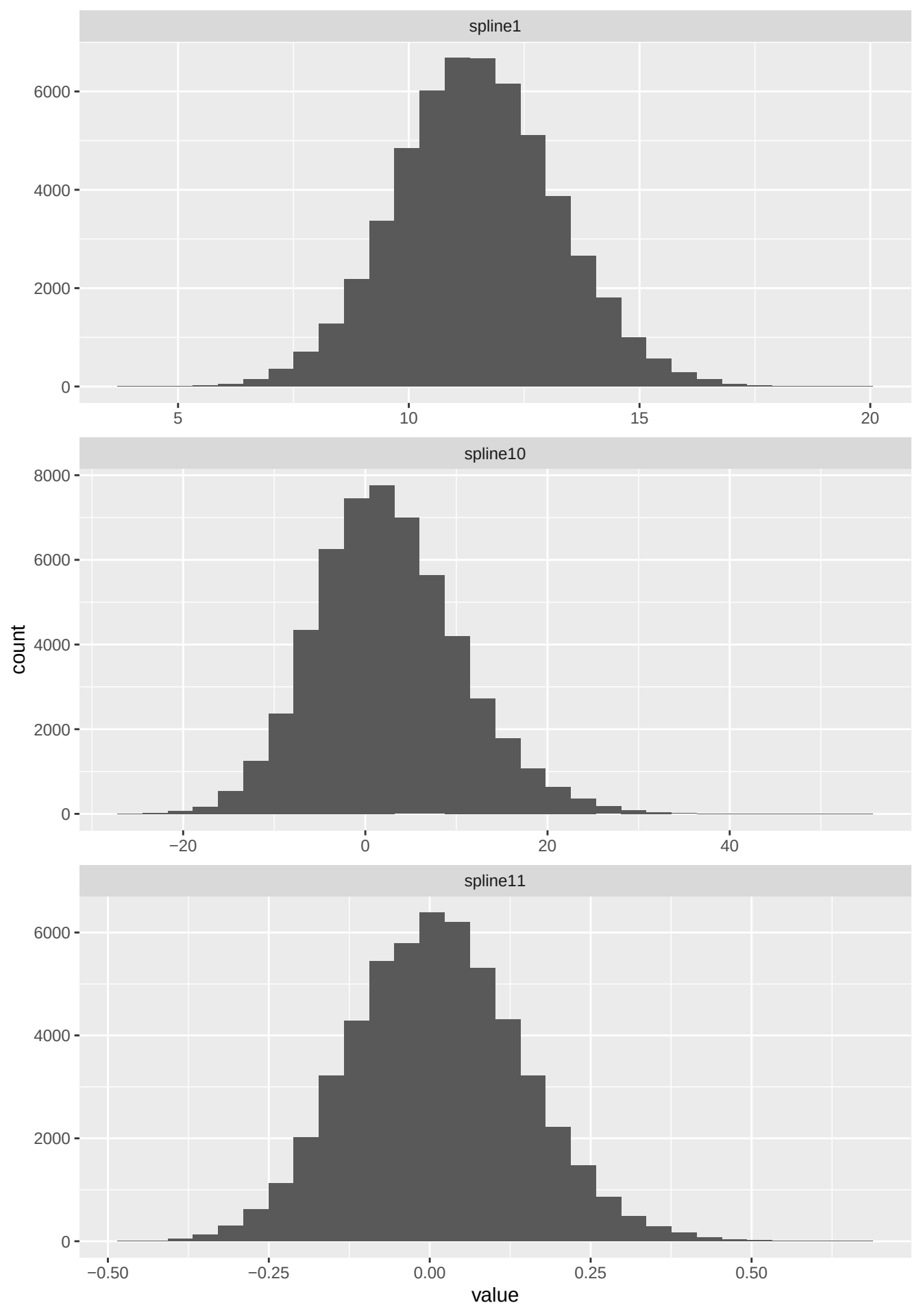
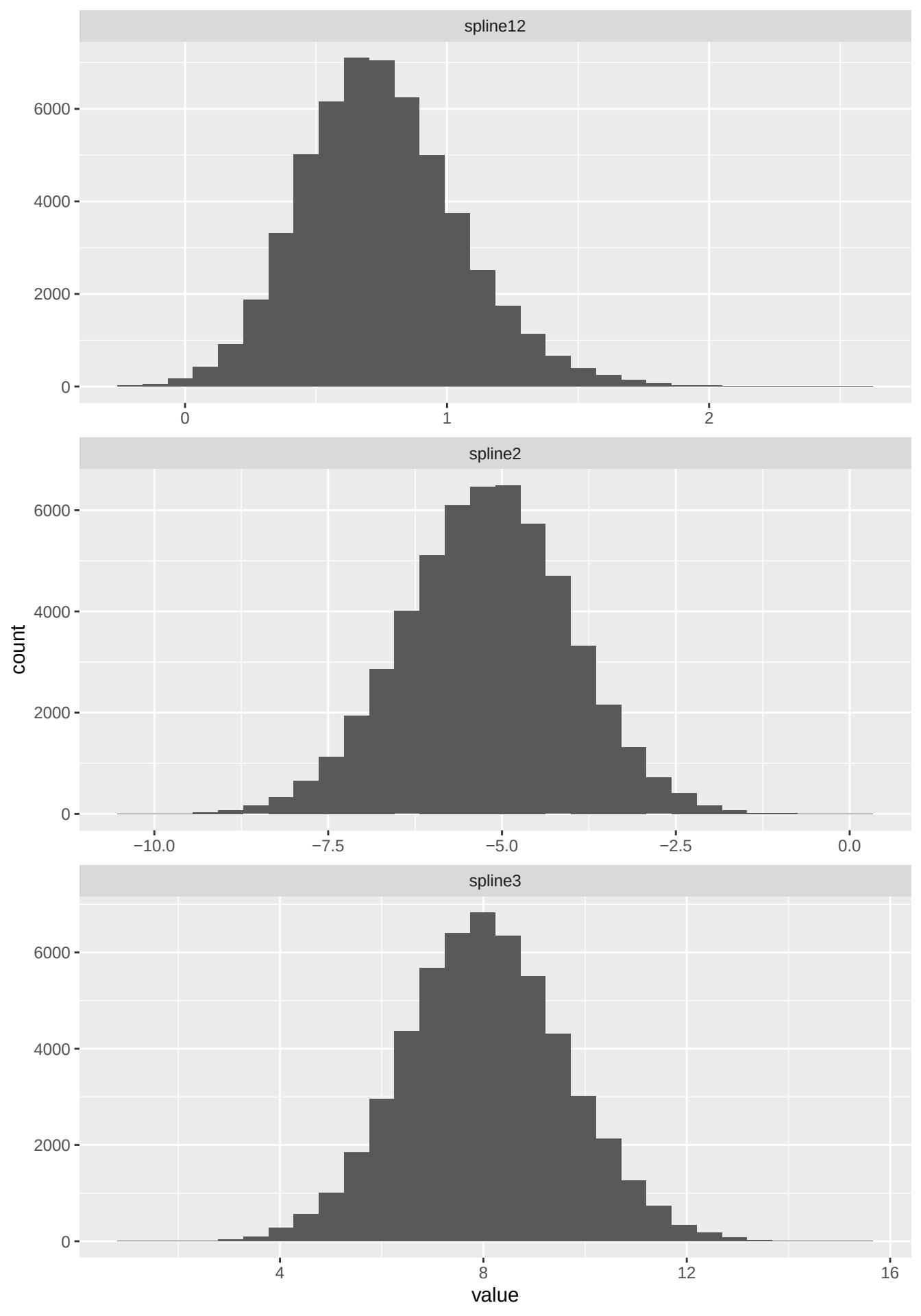
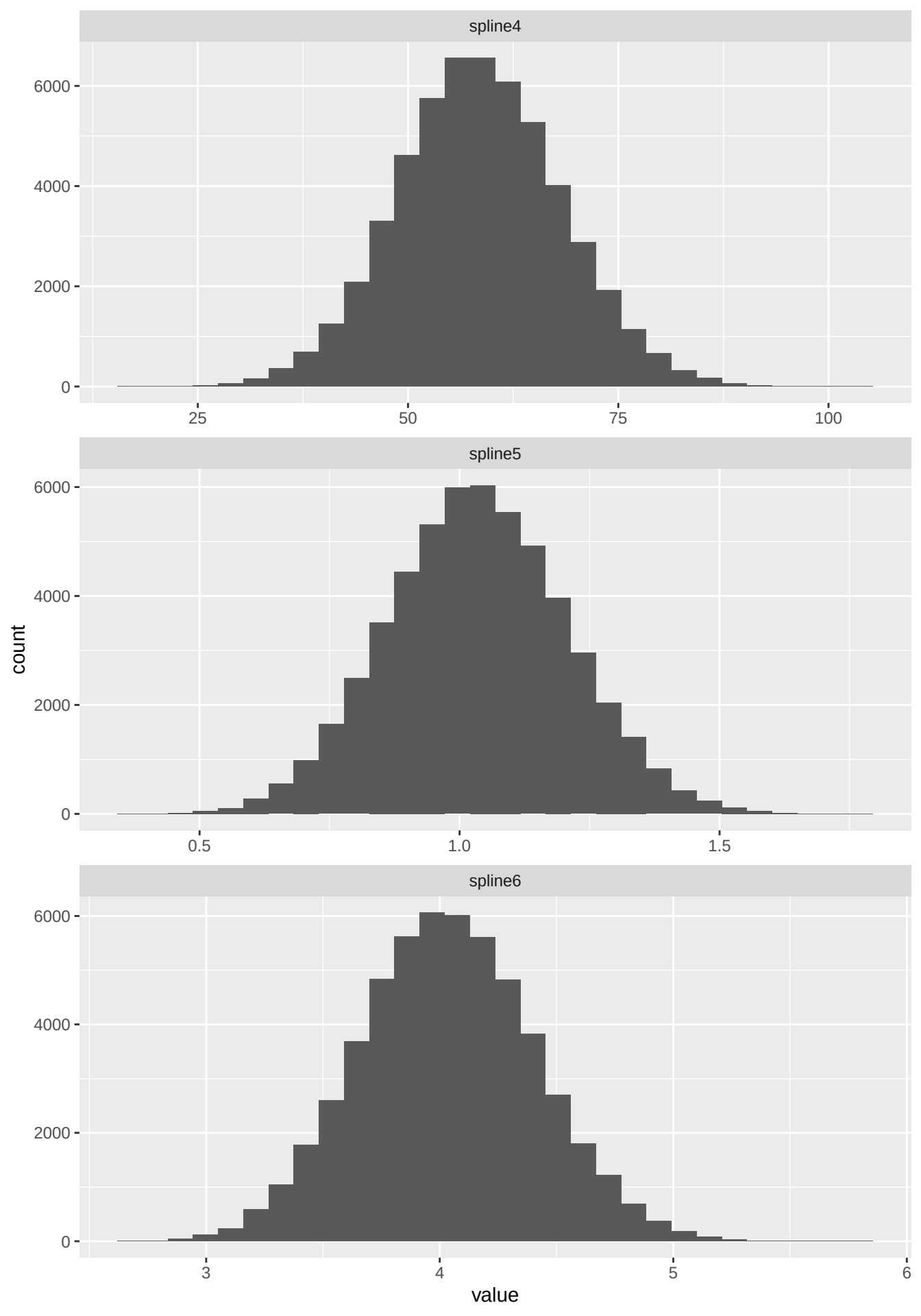
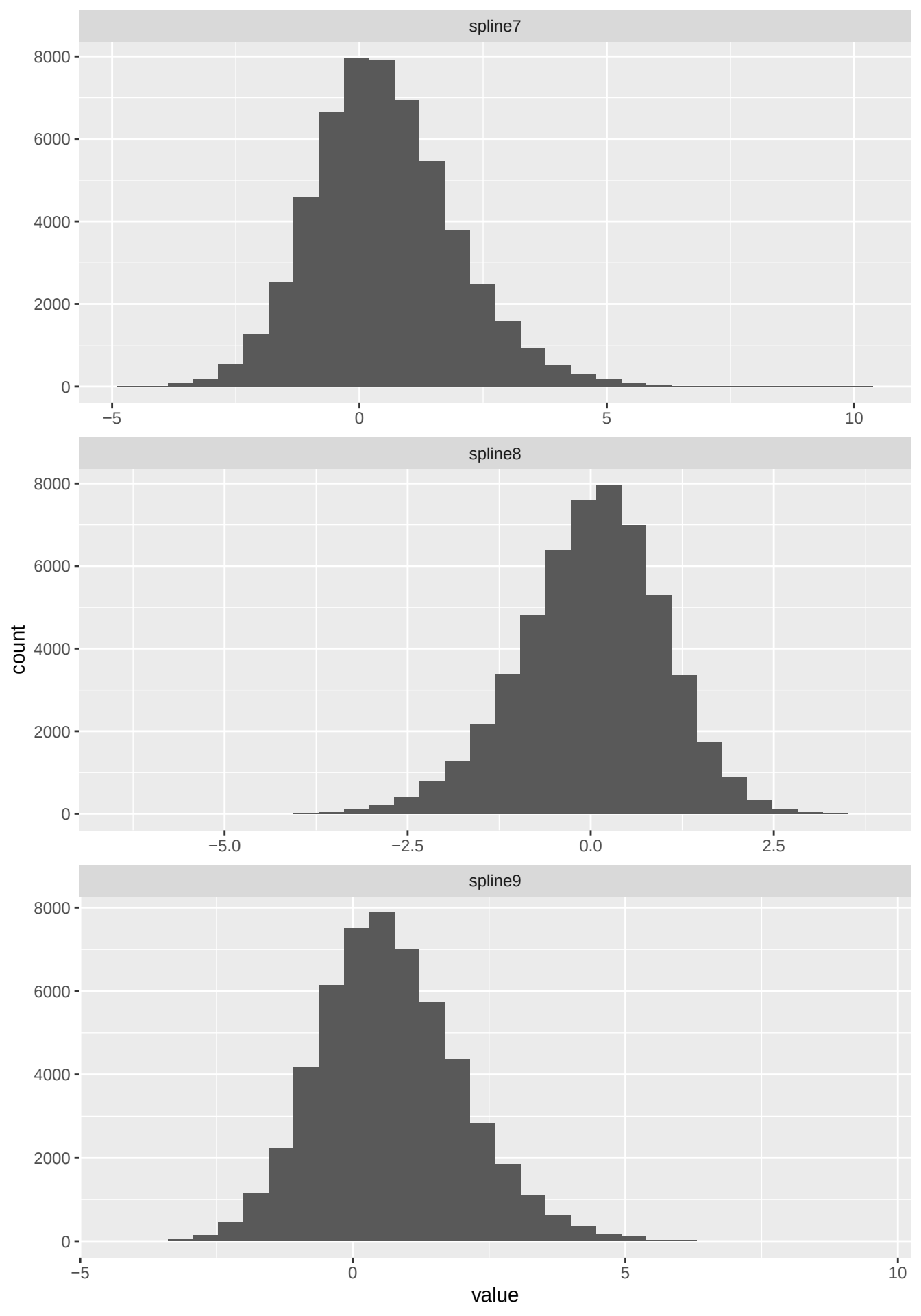

env.bio_10
env.bio_17
env.npp
count
value
6000
4000
2000
0
0.00
0.05
0.10
0.15
0.20
0.25
−0.4
−0.2
0.0
0.2
−0.2
−0.1
0.0
0.1

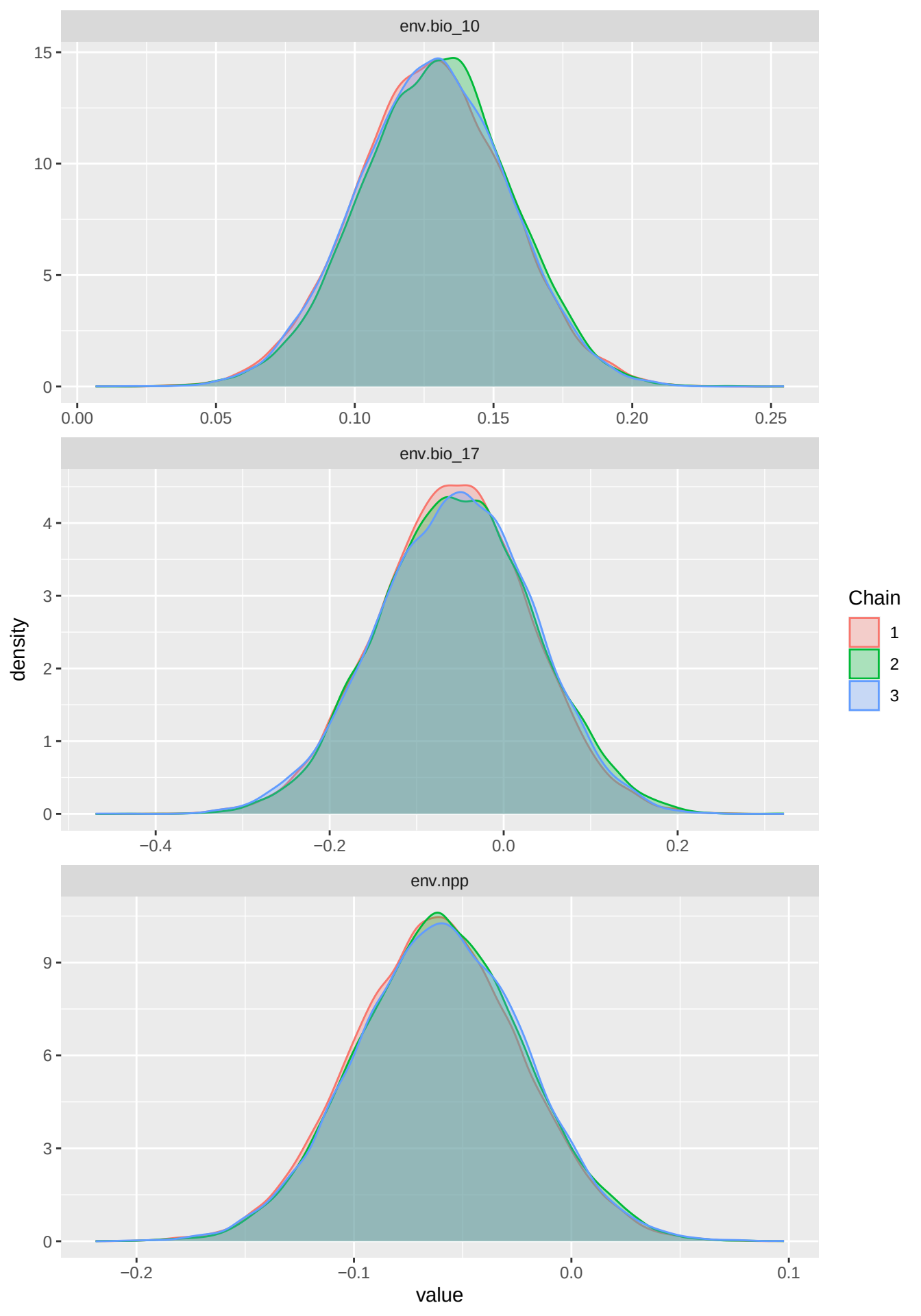

env.tree
expert
Intercept
count
value
6000
4000
2000
0
0.8
0.9
1.0
1.1
1.2
−40
−30
−20
−18.75
−18.50
−18.25
−18.00

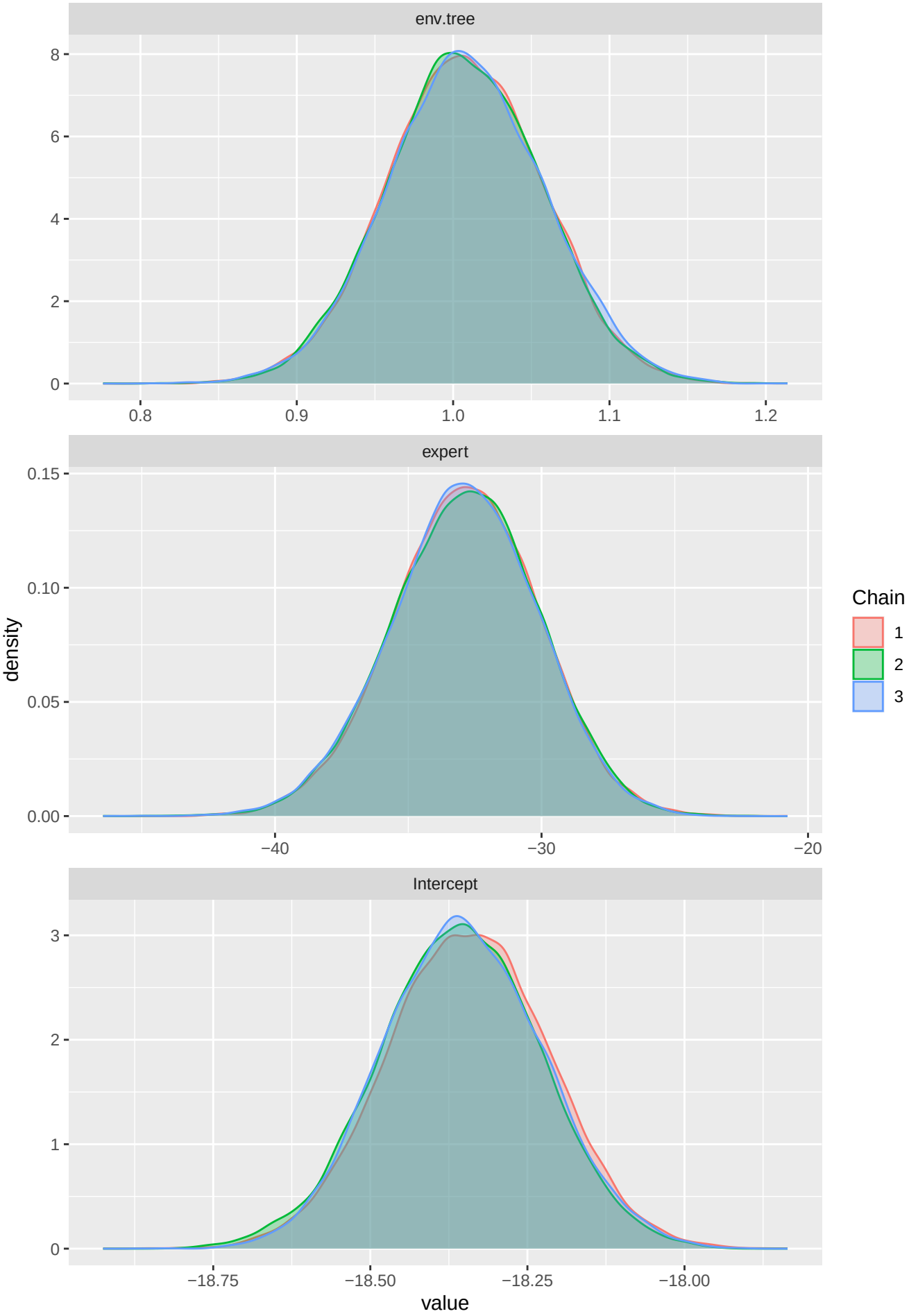

spline1
spline10
spline11
count
value
6000
4000
2000
0
8000
5
10
15
20
−20
0
20
40
−0.50
−0.25
0.00
0.25
0.50

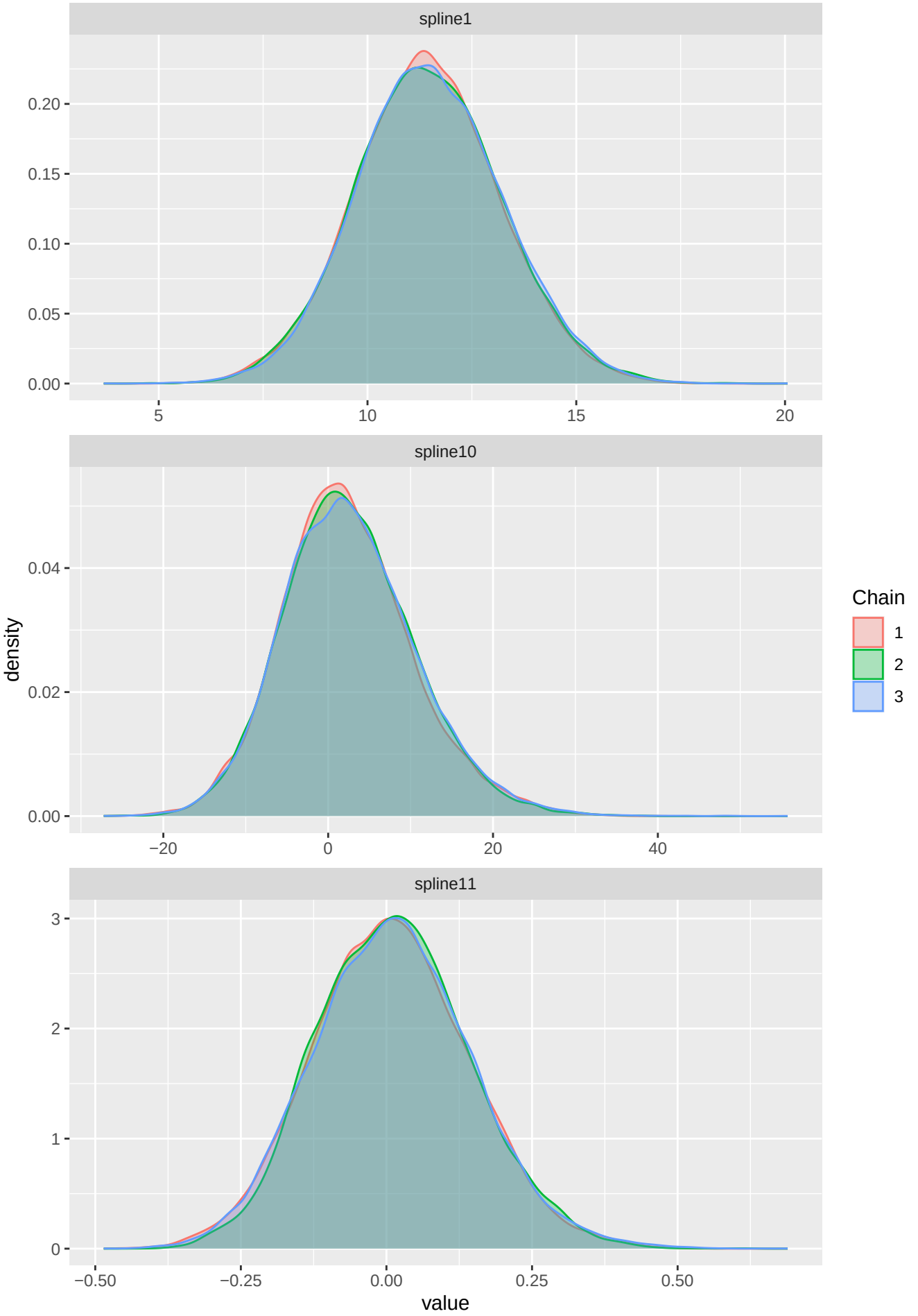

spline12
6000
4000
2000
0
0
1
2
spline2
6000
4000
2000
0
count
−10.0
−7.5
−5.0
−2.5
0.0
spline3
6000
4000
2000
0
4
8
12
16
value

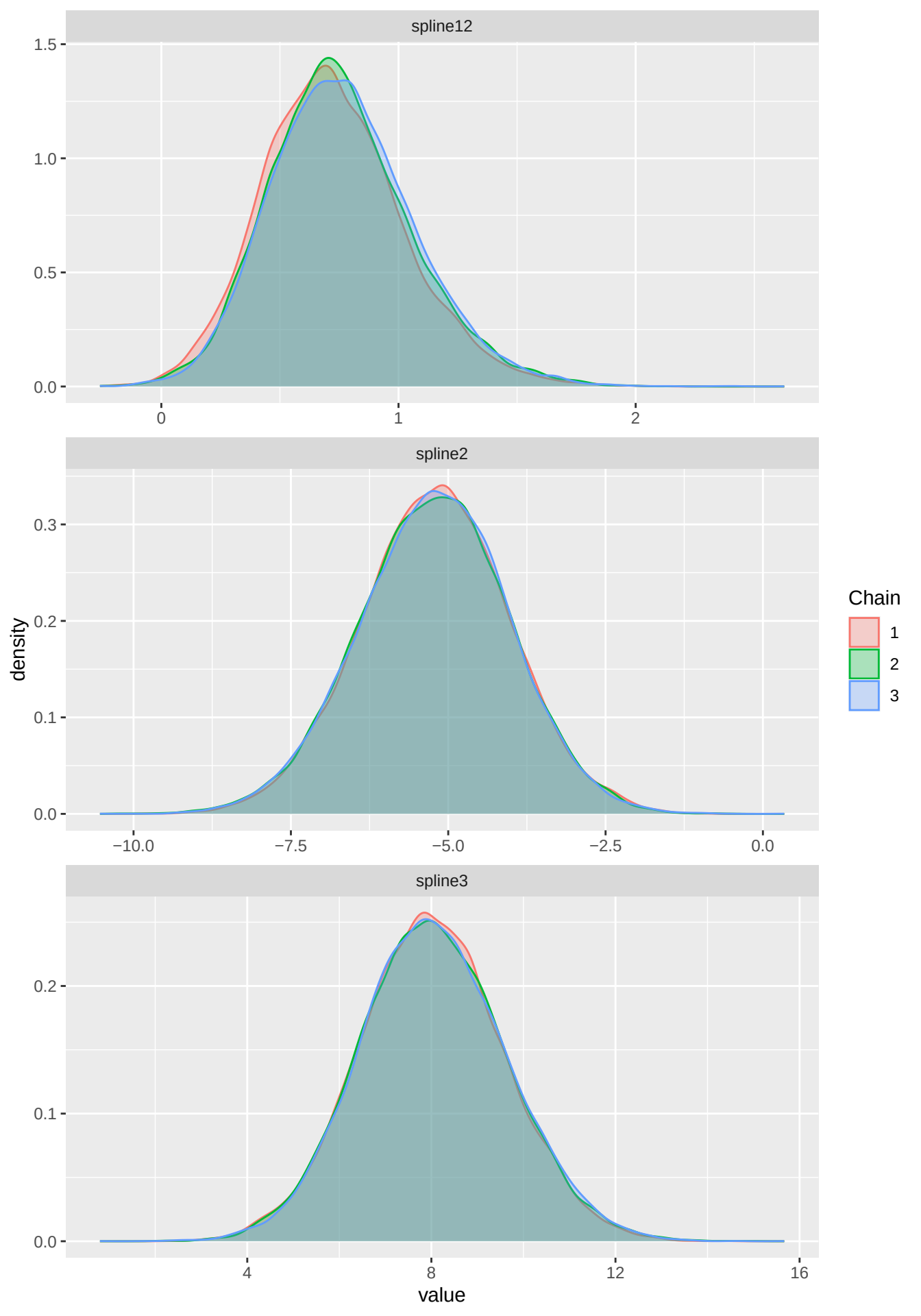

spline4
6000
4000
2000
0
25
50
75
100
spline5
6000
4000
2000
0
0.5
1.0
1.5
count
spline6
6000
4000
2000
0
3
4
5
6
value

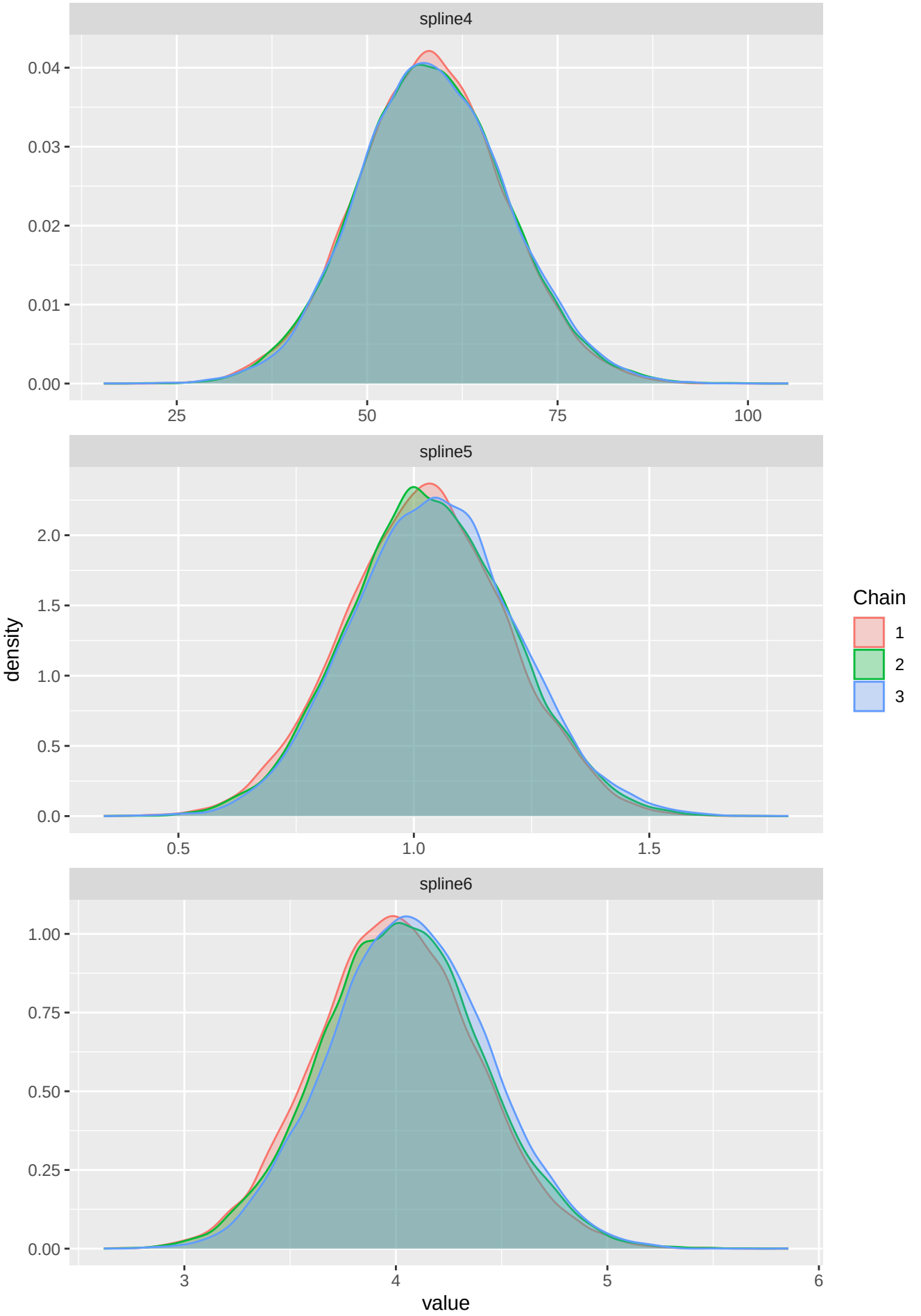

spline7
spline8
spline9
count
value
8000
6000
4000
2000
0
−5
0
5
10
−5.0
−2.5
0.0
2.5

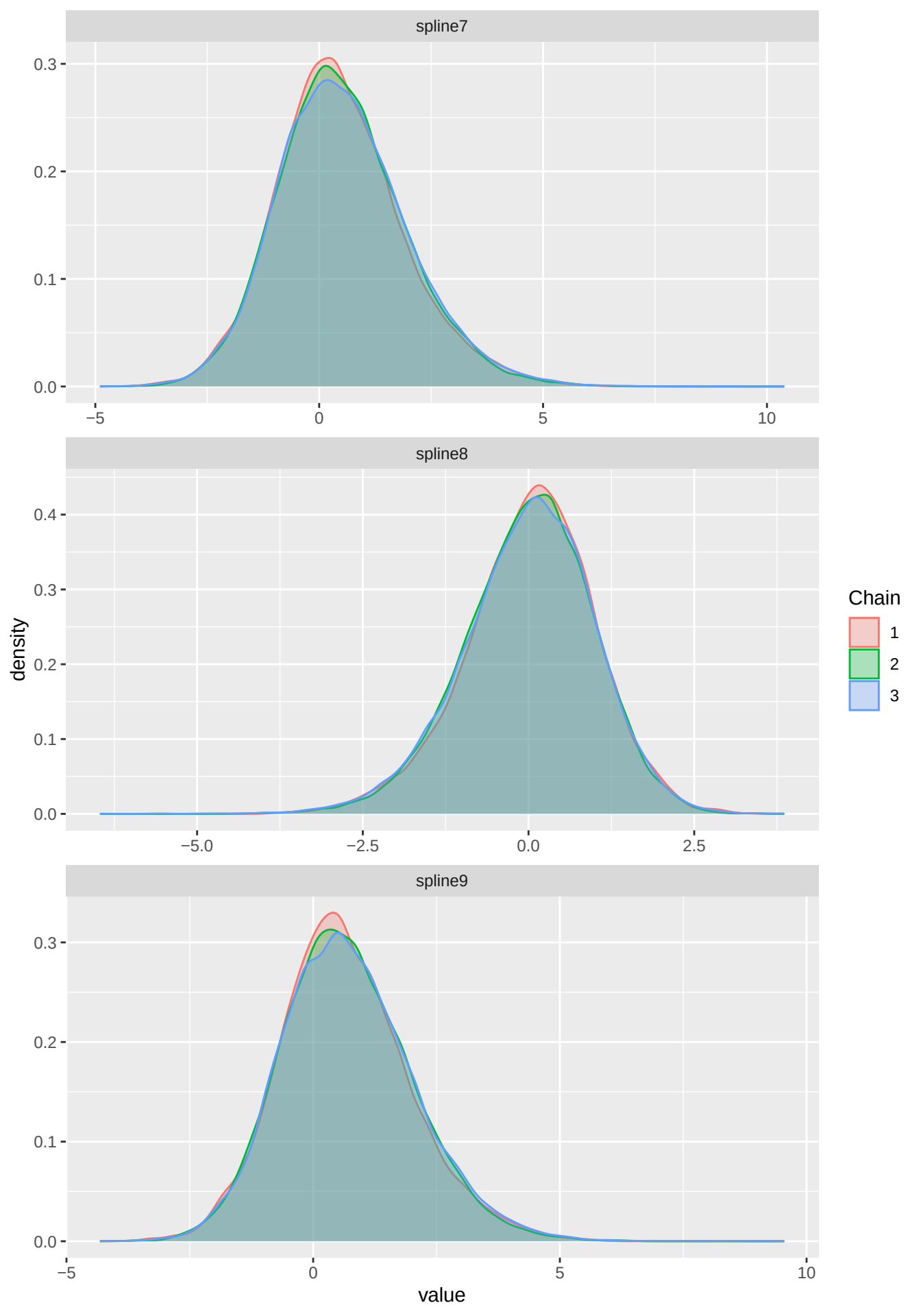

env.bio_10
env.bio_17
env.npp
density
value
Chain
1
2
3

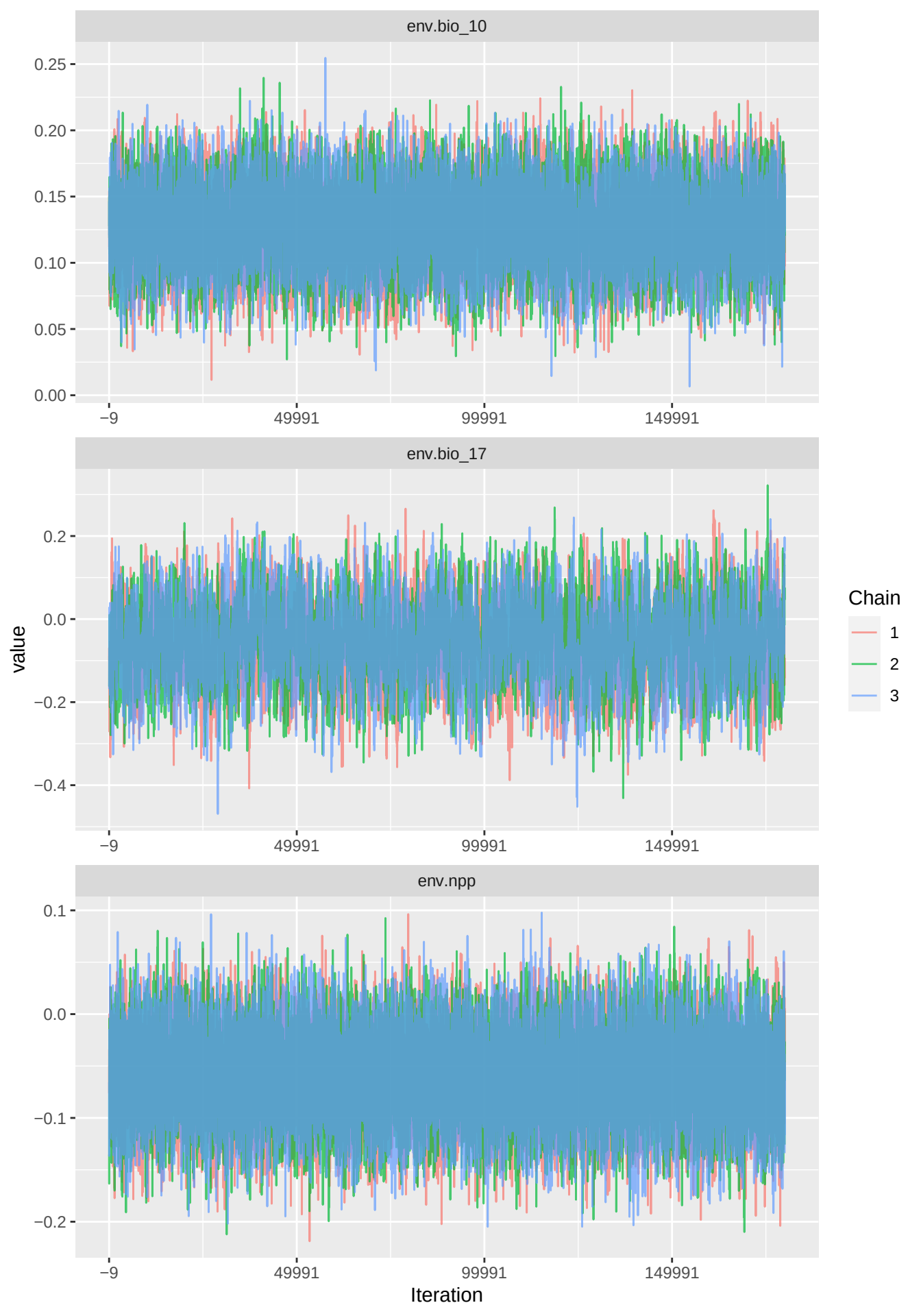

env.tree
expert
Intercept
density
value
Chain
1
2
3
0
2
4
6
8
0.8
0.9
1.0
1.1
1.2
0.00
0.05
0.10
0.15
−40
−30
−20
0
1
2
3
−18.75
−18.50
−18.25
−18.00

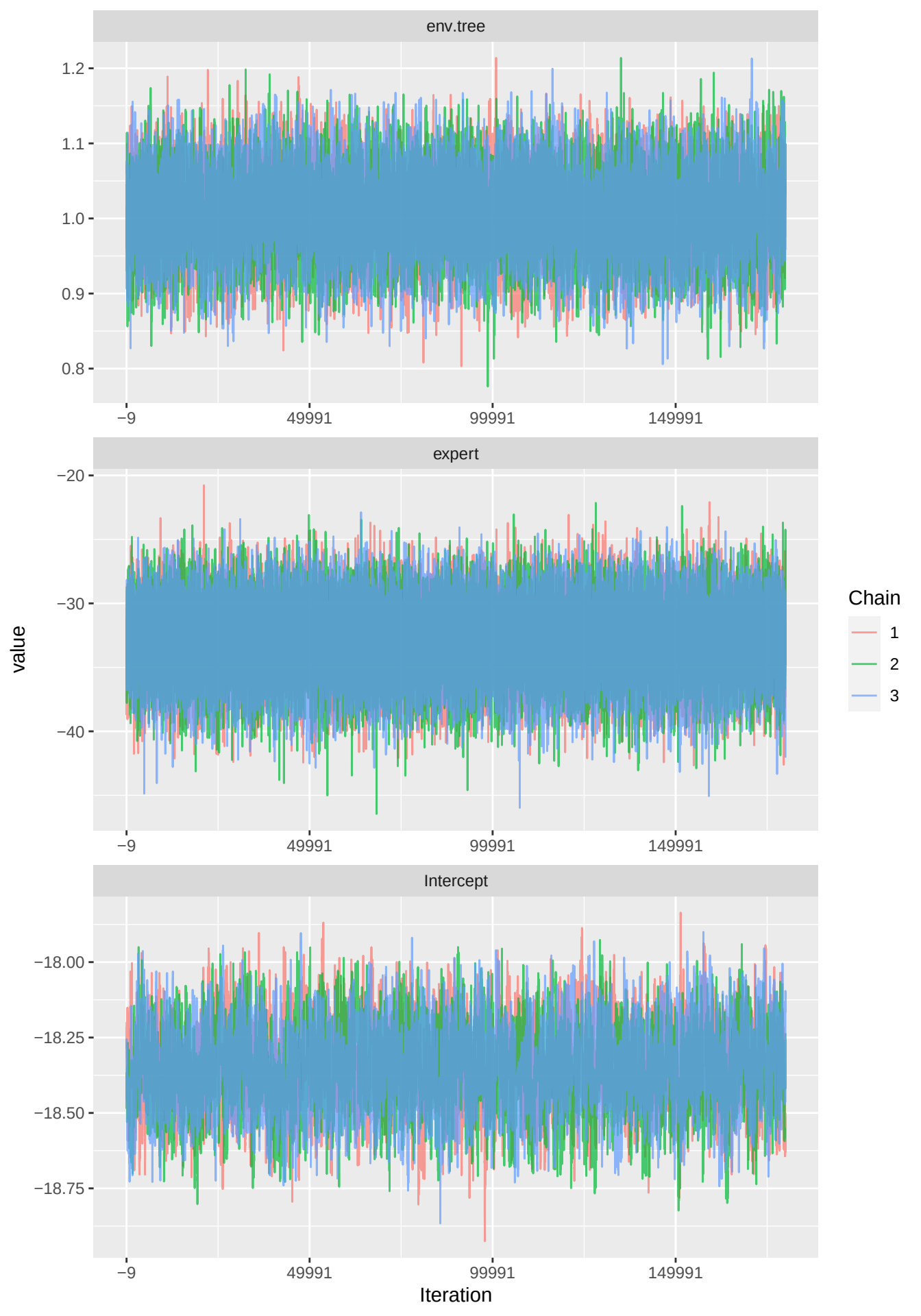

spline1
0.20
0.15
0.10
0.05
0.00
5
10
15
20
spline10
0.04
0.02
0.00
−20
0
20
40
density
spline11
3
2
1
0
−0.50
−0.25
0.00
0.25
0.50
value
Chain
1
2
3

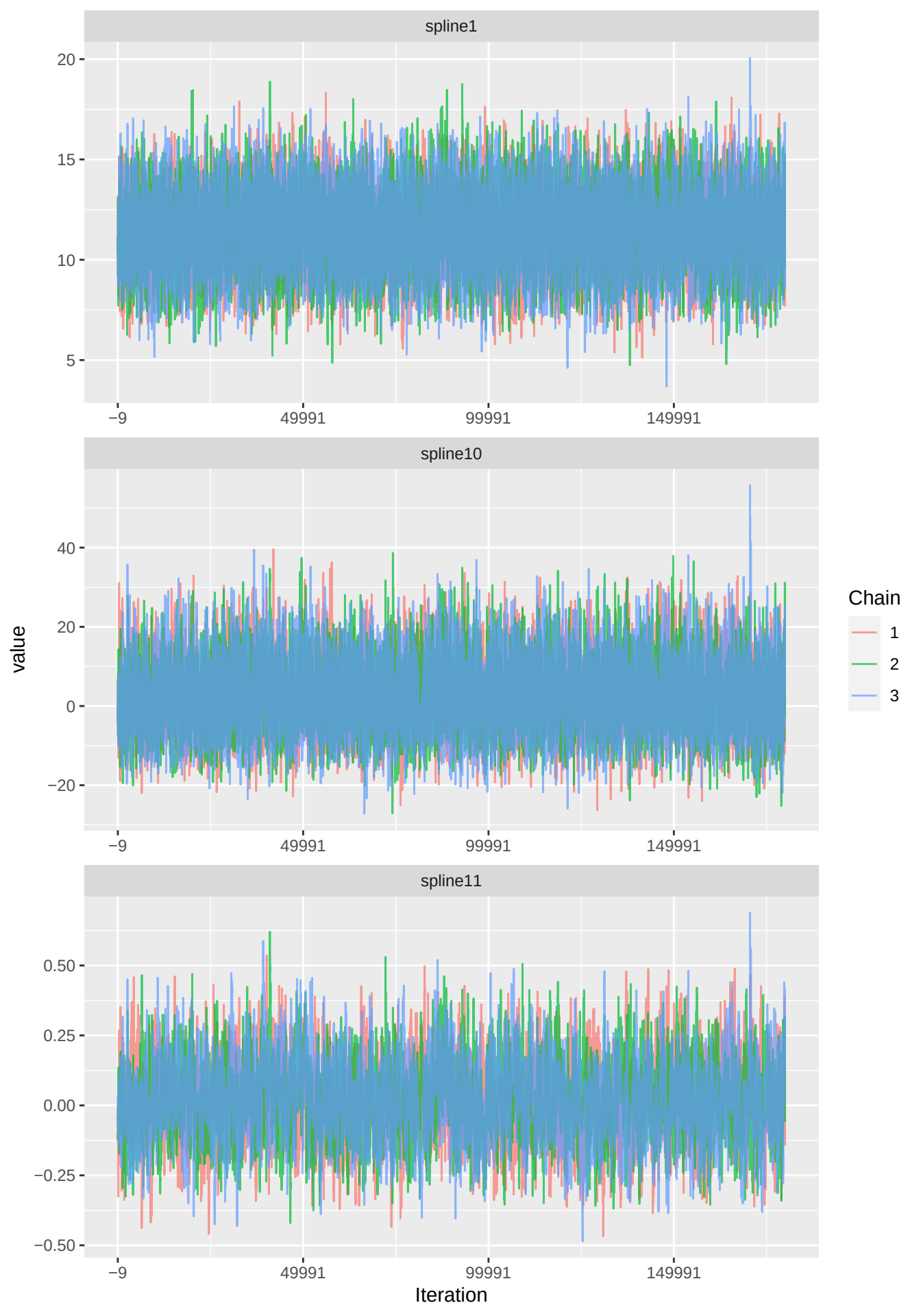

spline12
1.5
1.0
0.5
0.0
0
1
2
spline2
0.3
0.2
0.1
0.0
−10.0
−7.5
−5.0
−2.5
0.0
density
spline3
0.2
0.1
0.0
4
8
12
16
value
Chain
1
2
3

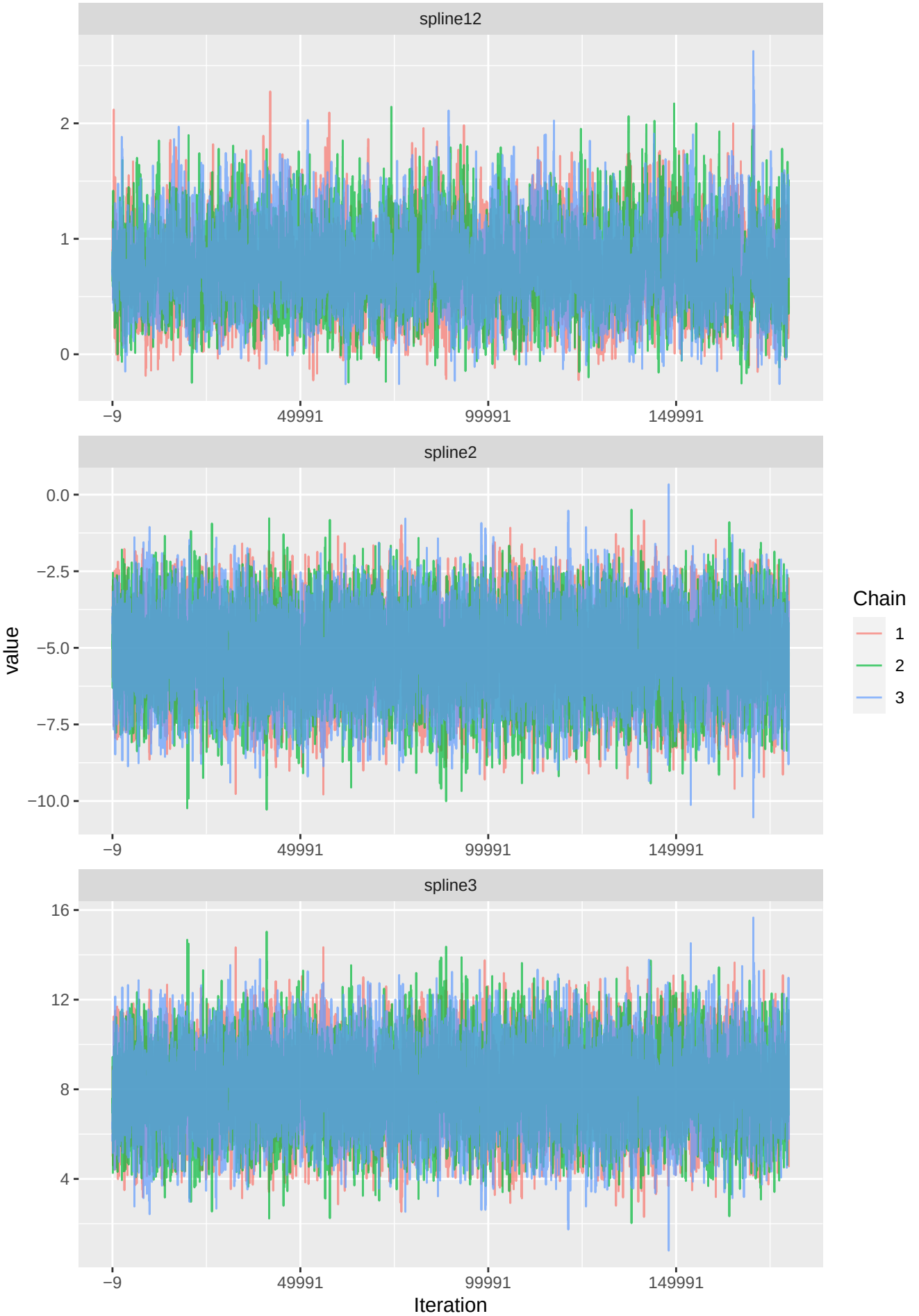

spline4
0.04
0.03
0.02
0.01
0.00
25
50
75
100
spline5
2.0
1.5
1.0
0.5
0.0
0.5
1.0
1.5
density
spline6
1.00
0.75
0.50
0.25
0.00
3
4
5
6
value
Chain
1
2
3

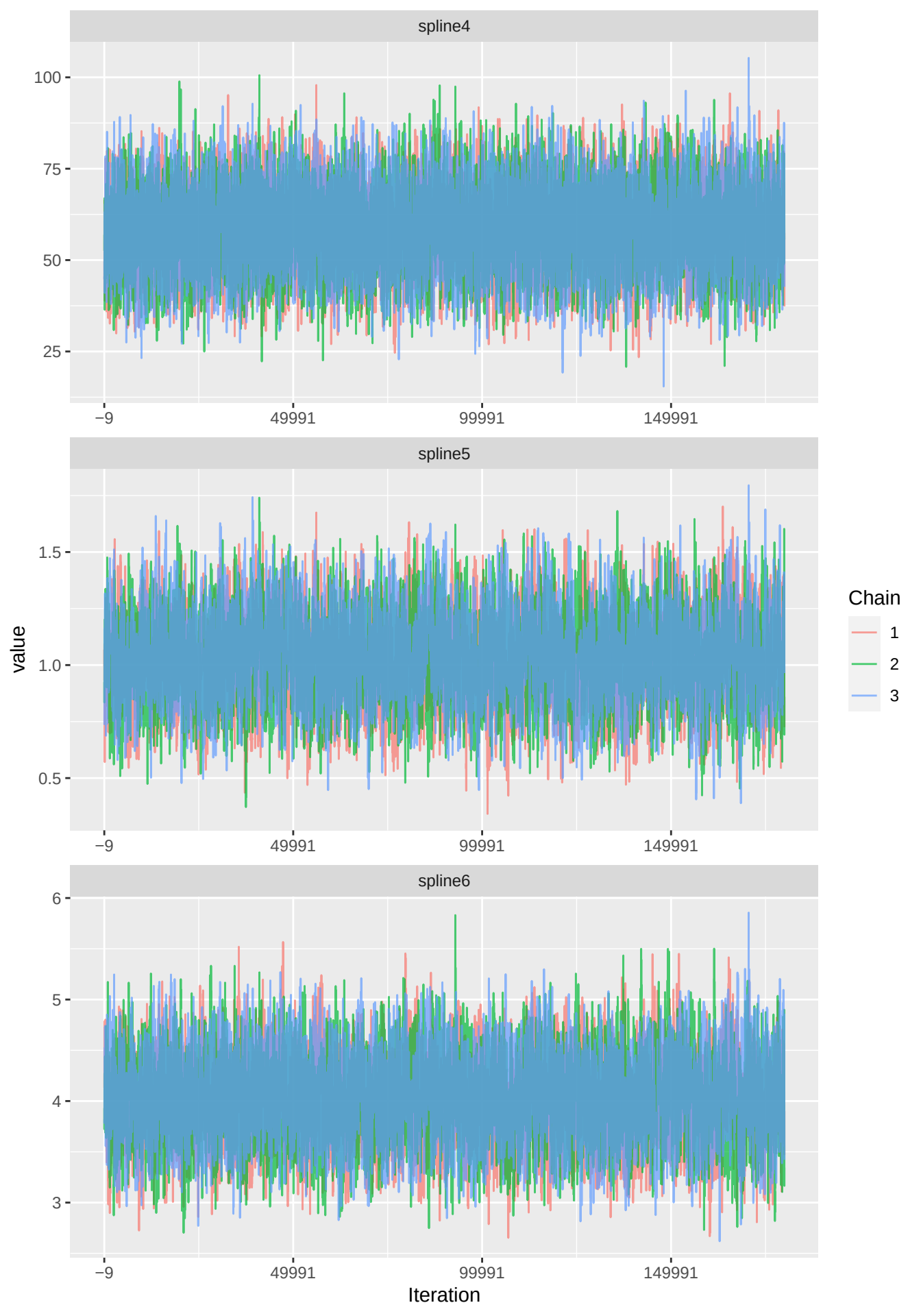

spline7
spline8
spline9
density
value
Chain
1
2
3
0.0
0.1
0.2
0.3
0.4
−5
0
5
10
−5.0
−2.5
0.0
2.5

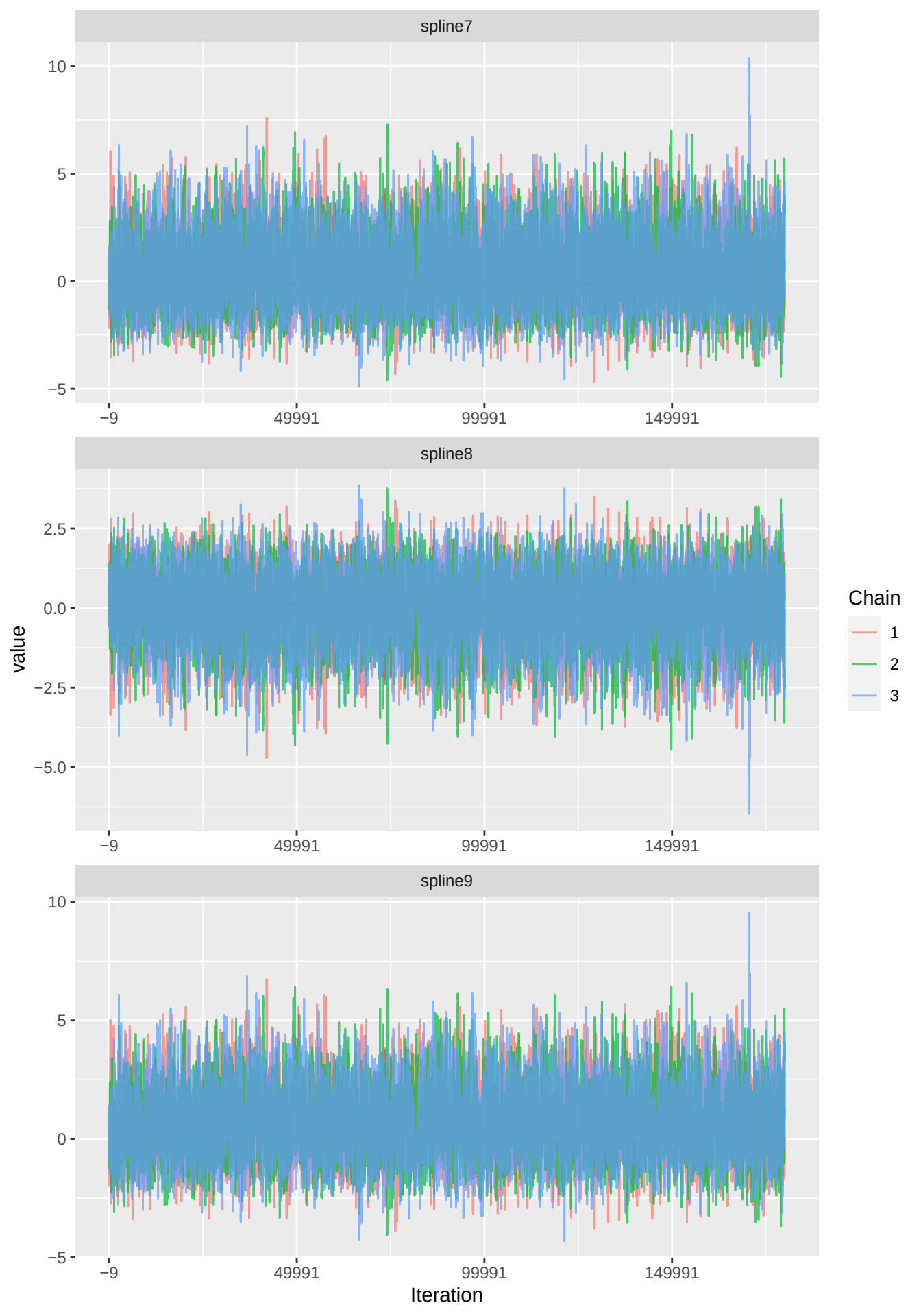

env.bio_10
0.25
0.20
0.15
0.10
0.05
0.00
−9
49991
99991
149991
env.bio_17
0.2
0.0
−0.2
−0.4
value
−9
49991
99991
149991
env.npp
0.1
0.0
−0.1
−0.2
−9
49991
99991
149991
Iteration
Chain
1
2
3

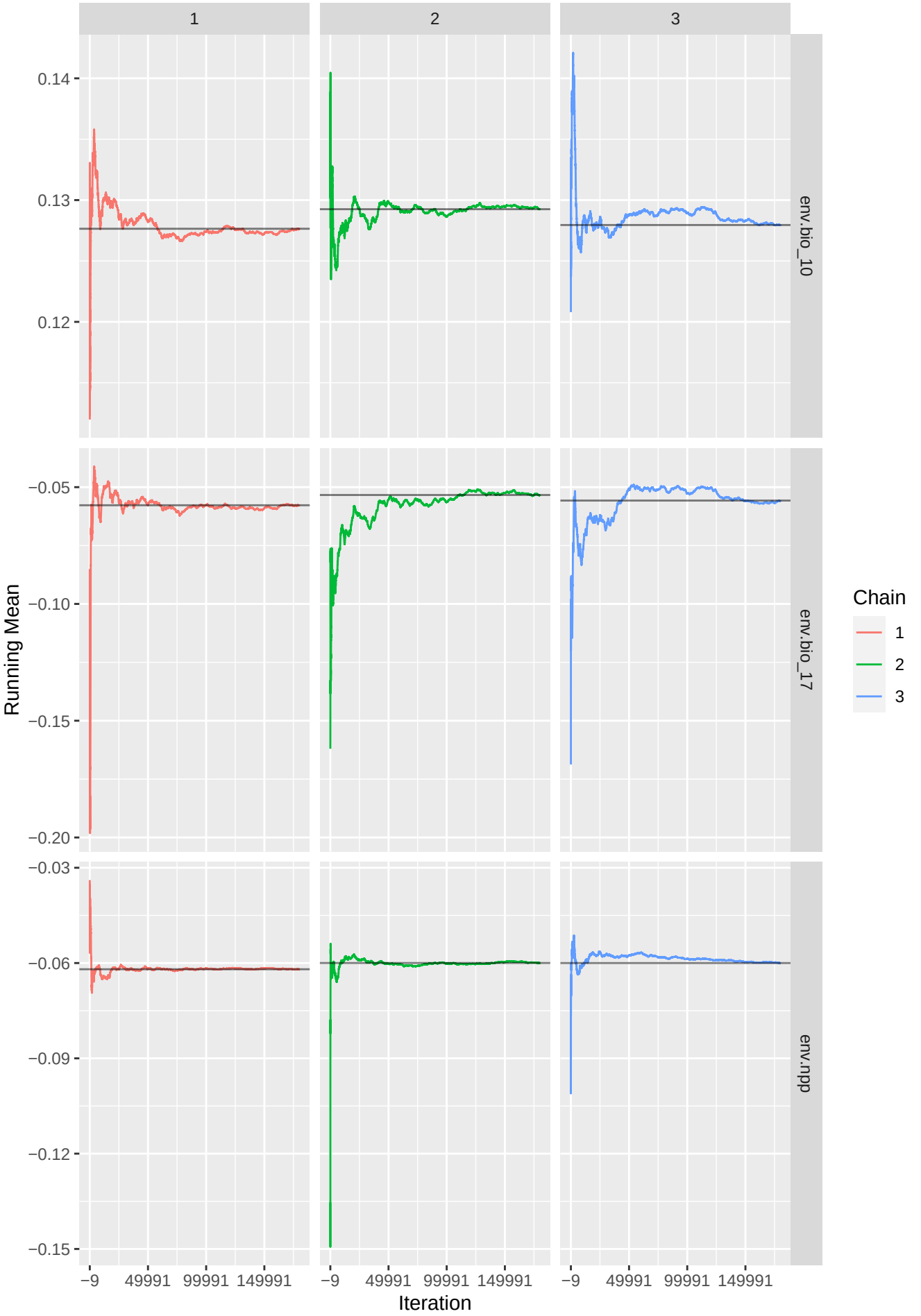

env.tree
1.2
1.1
1.0
0.9
0.8
−9
49991
99991
149991
expert
−20
−30
−40
−9
49991
99991
149991
Intercept
−18.00
−18.25
−18.50
−18.75
−9
49991
99991
149991
value
Iteration
Chain
1
2
3

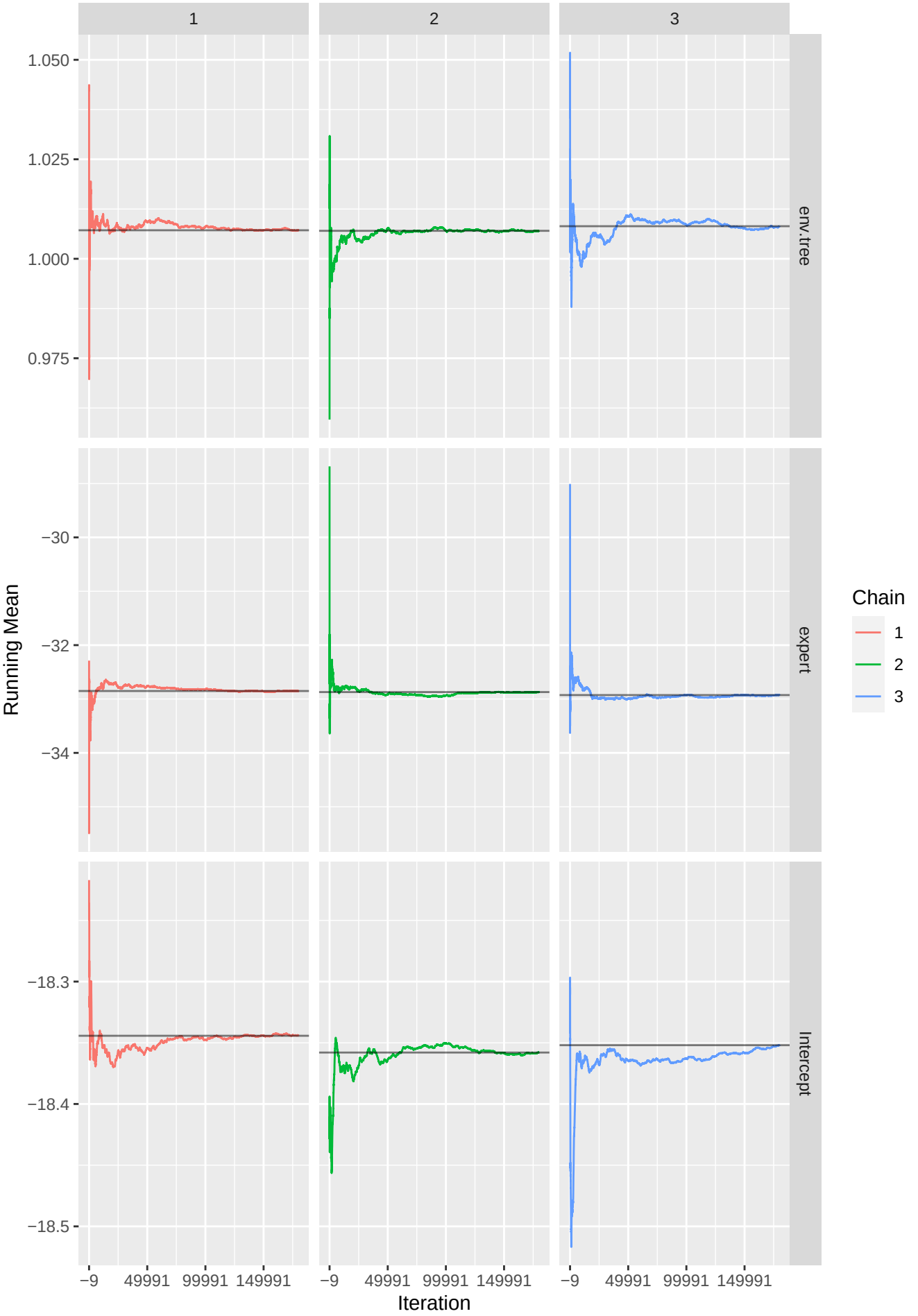

spline1
20
15
10
5
−9
49991
99991
149991
spline10
40
20
0
−20
−9
49991
99991
149991
spline11
0.50
0.25
0.00
−0.25
−0.50
−9
49991
99991
149991
value
Iteration
Chain
1
2
3

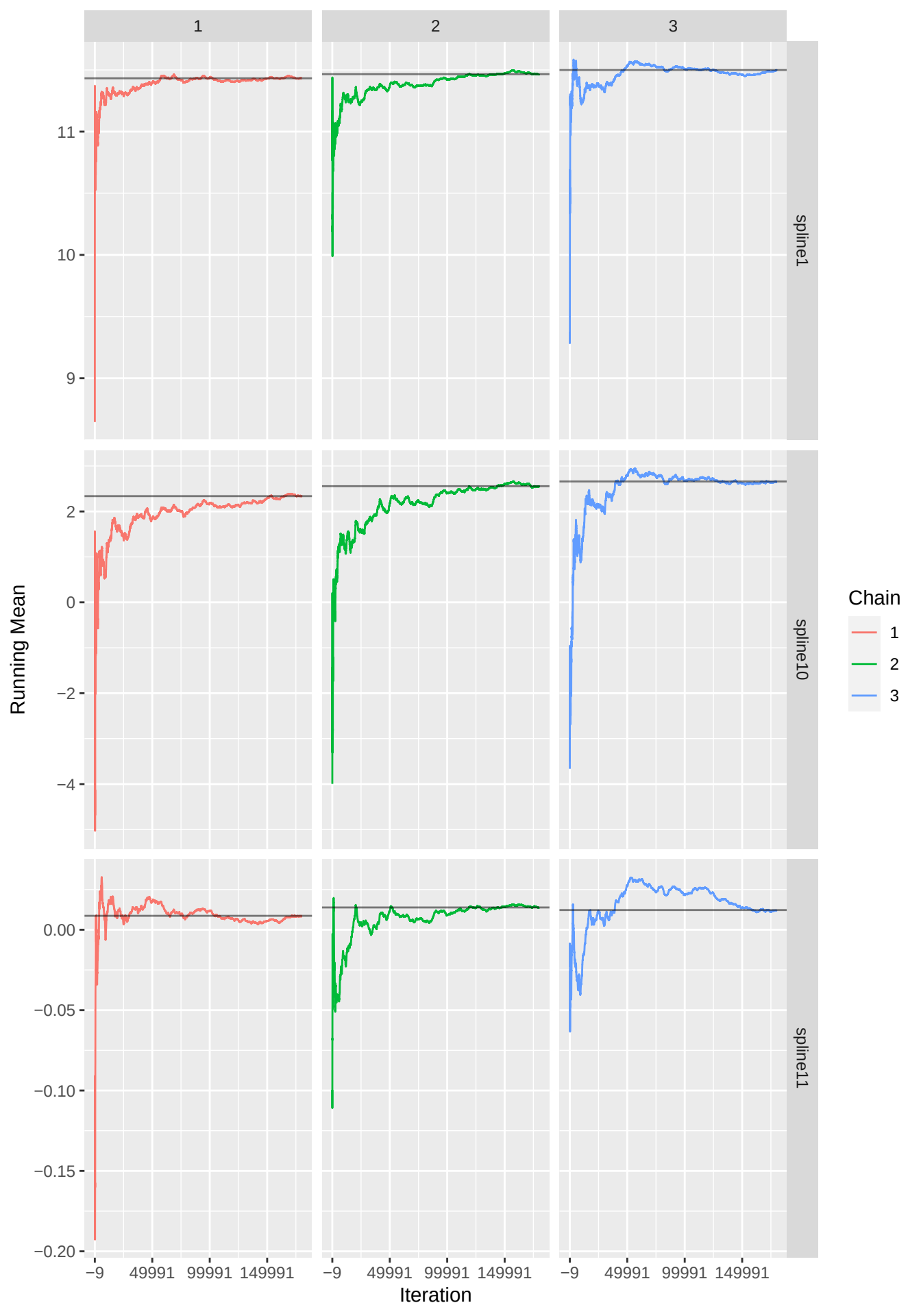

spline12
2
1
0
−9
49991
99991
149991
spline2
0.0
−2.5
−5.0
−7.5
−10.0
−9
49991
99991
149991
spline3
16
12
8
4
−9
49991
99991
149991
value
Iteration
Chain
1
2
3

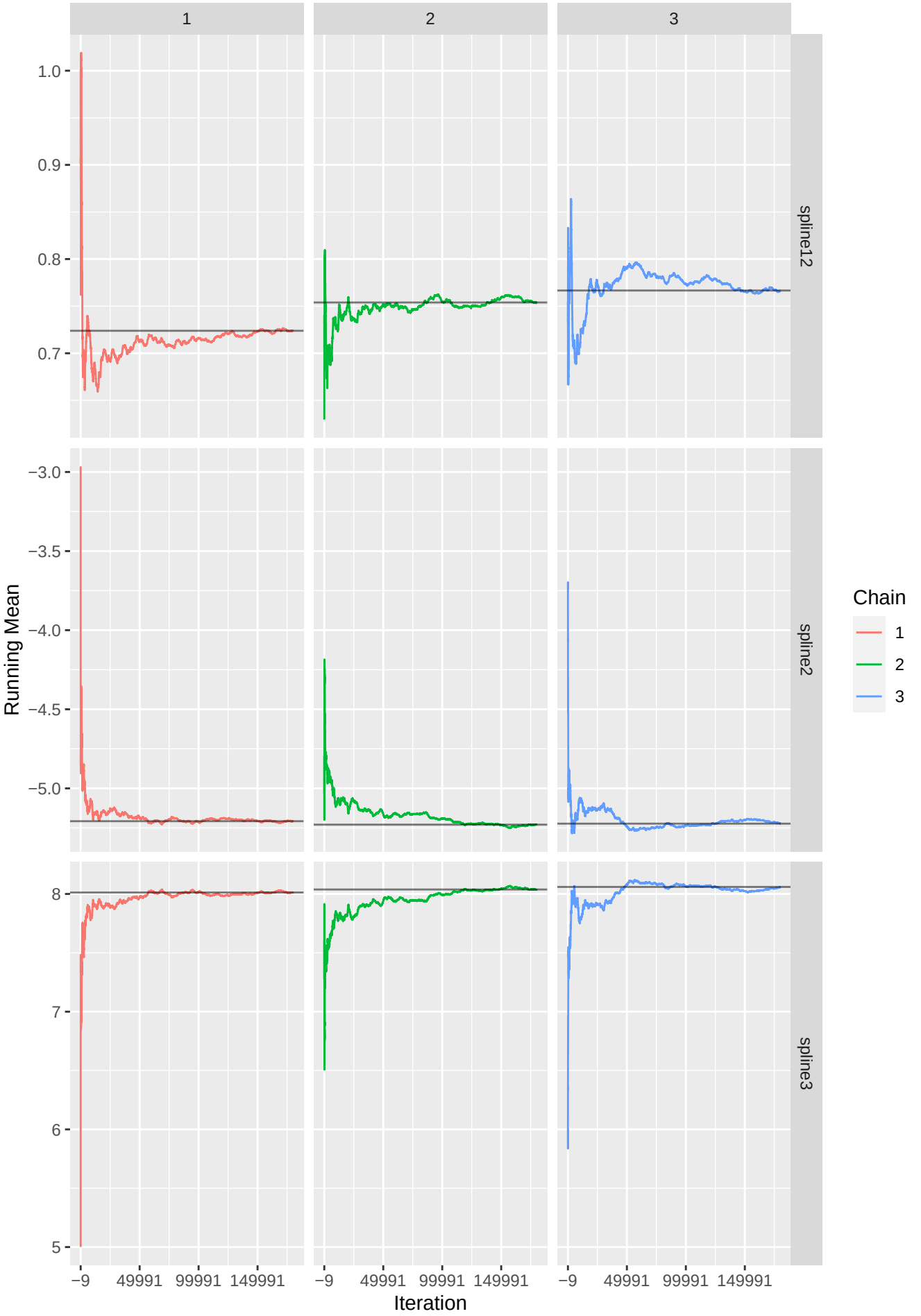

spline4
100
75
50
25
−9
49991
99991
149991
spline5
1.5
1.0
0.5
value
−9
49991
99991
149991
spline6
6
5
4
3
−9
49991
99991
149991
Iteration
Chain
1
2
3

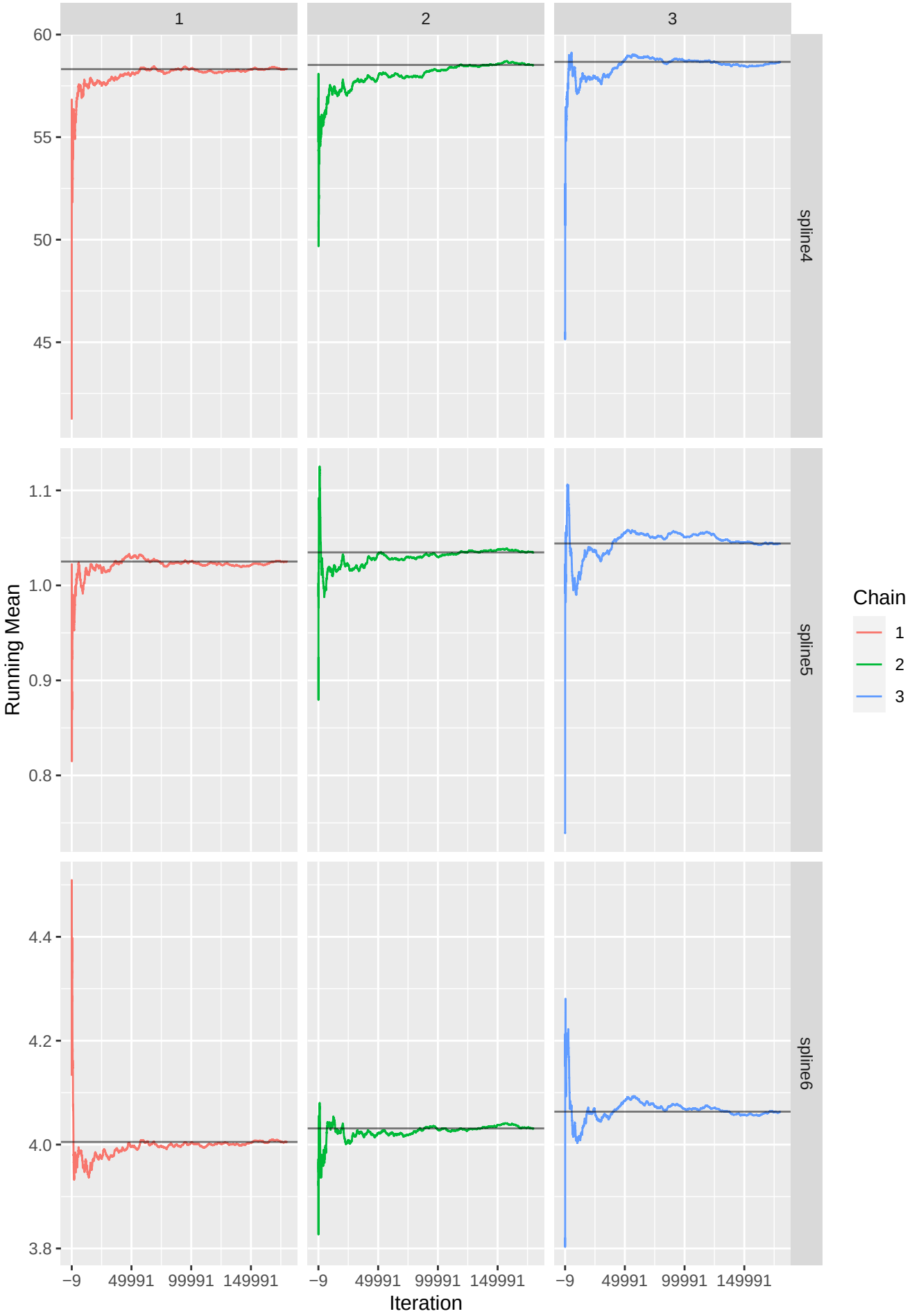

spline7
spline8
spline9
value
Iteration
Chain
1
2
3
10
5
0
−5
2.5
0.0
−2.5
−5.0
−9
49991
99991
149991

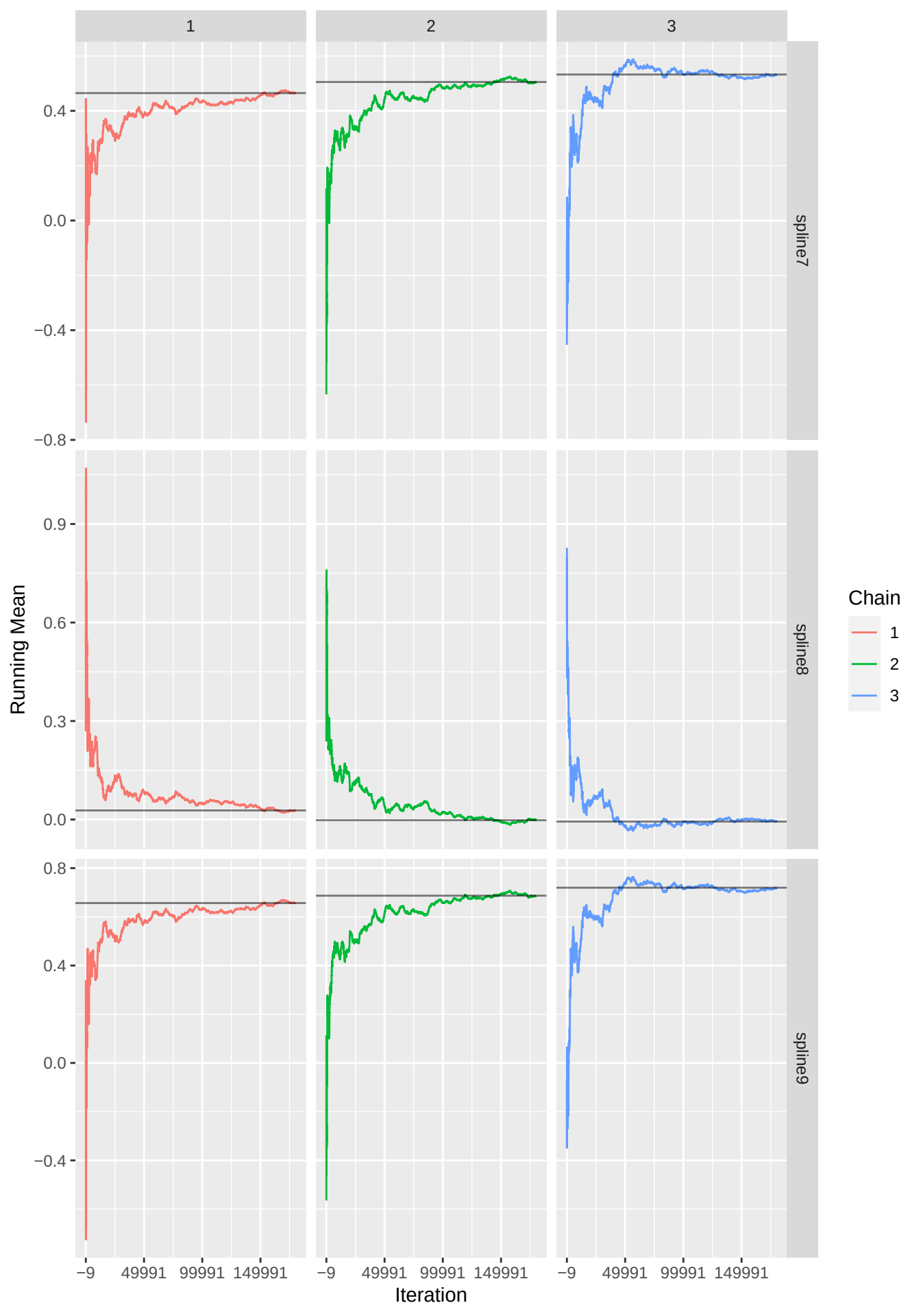

1
2
3
env.bio_10
env.bio_17
env.npp
0.14
0.13
0.12
−0.05
−0.10
−0.15
−0.20
−0.03
−0.06
−0.09
−0.12
−0.15
−9
49991
99991
149991
Running Mean
Iteration
Chain
1
2
3

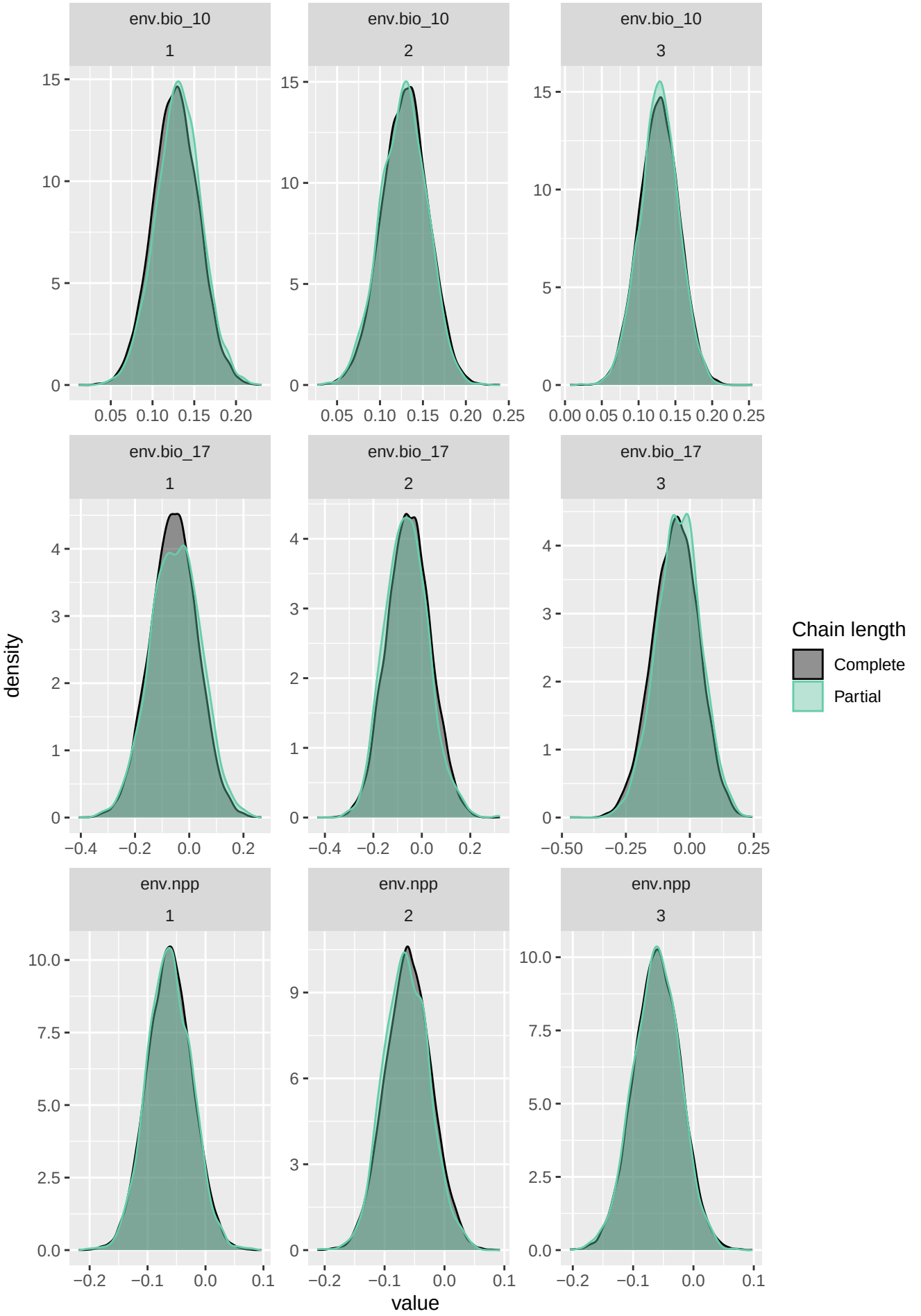

1
2
3
env.tree
expert
Intercept
1.050
1.025
1.000
0.975
−30
−32
−34
−18.3
−18.4
−18.5
−9
49991
99991
149991
Running Mean
Iteration
Chain
1
2
3

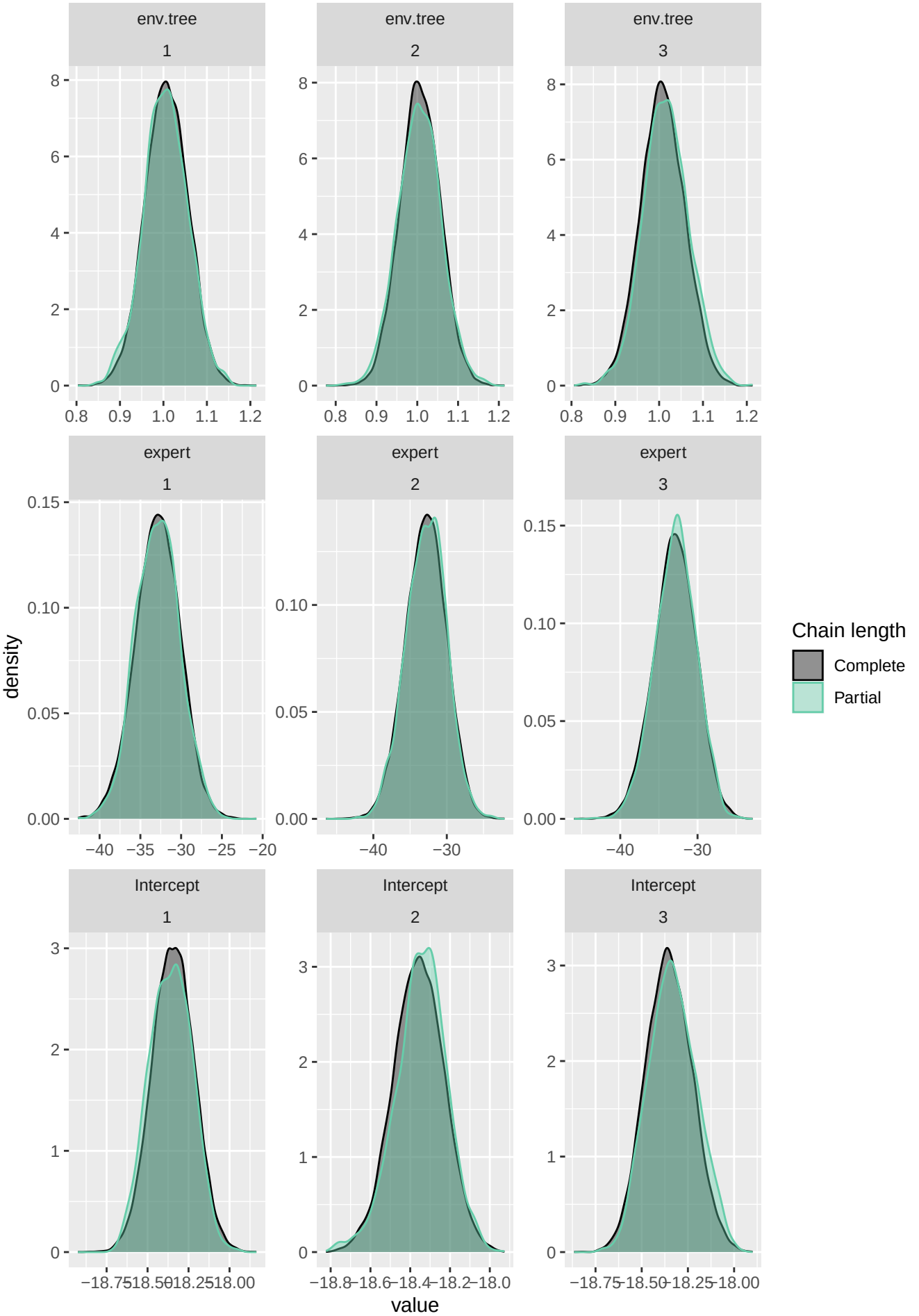

1
2
3
spline1
spline10
spline11
Running Mean
Iteration
Chain
1
2
3
11
10
9
2
0
−2
−4
0.00
−0.05
−0.10
−0.15
−0.20
−9
49991
99991
149991

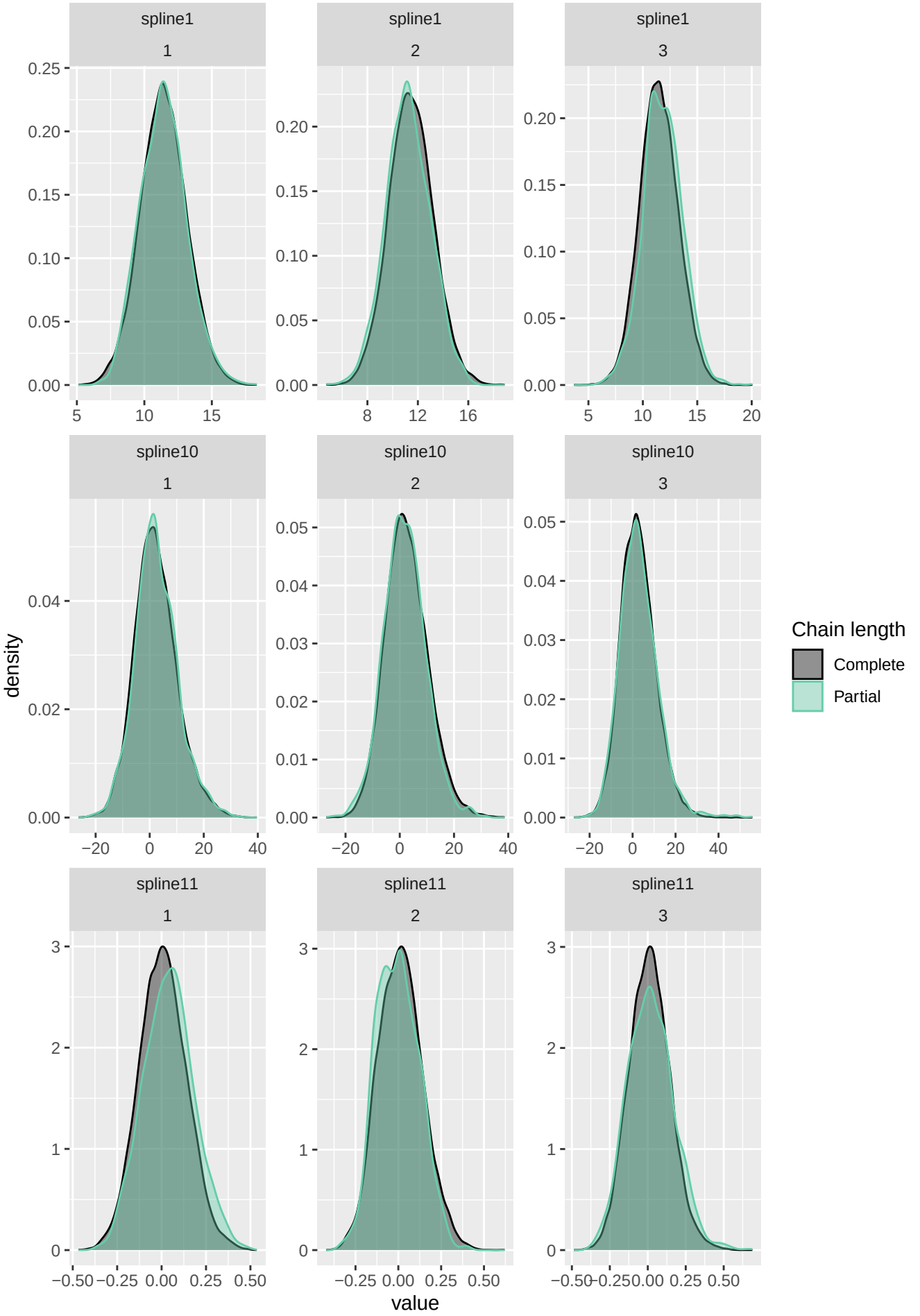

1
2
3
spline12
spline2
spline3
Running Mean
Iteration
Chain
1
2
3
1.0
0.9
0.8
0.7
−3.0
−3.5
−4.0
−4.5
−5.0
8
7
6
5
−9
49991
99991
149991

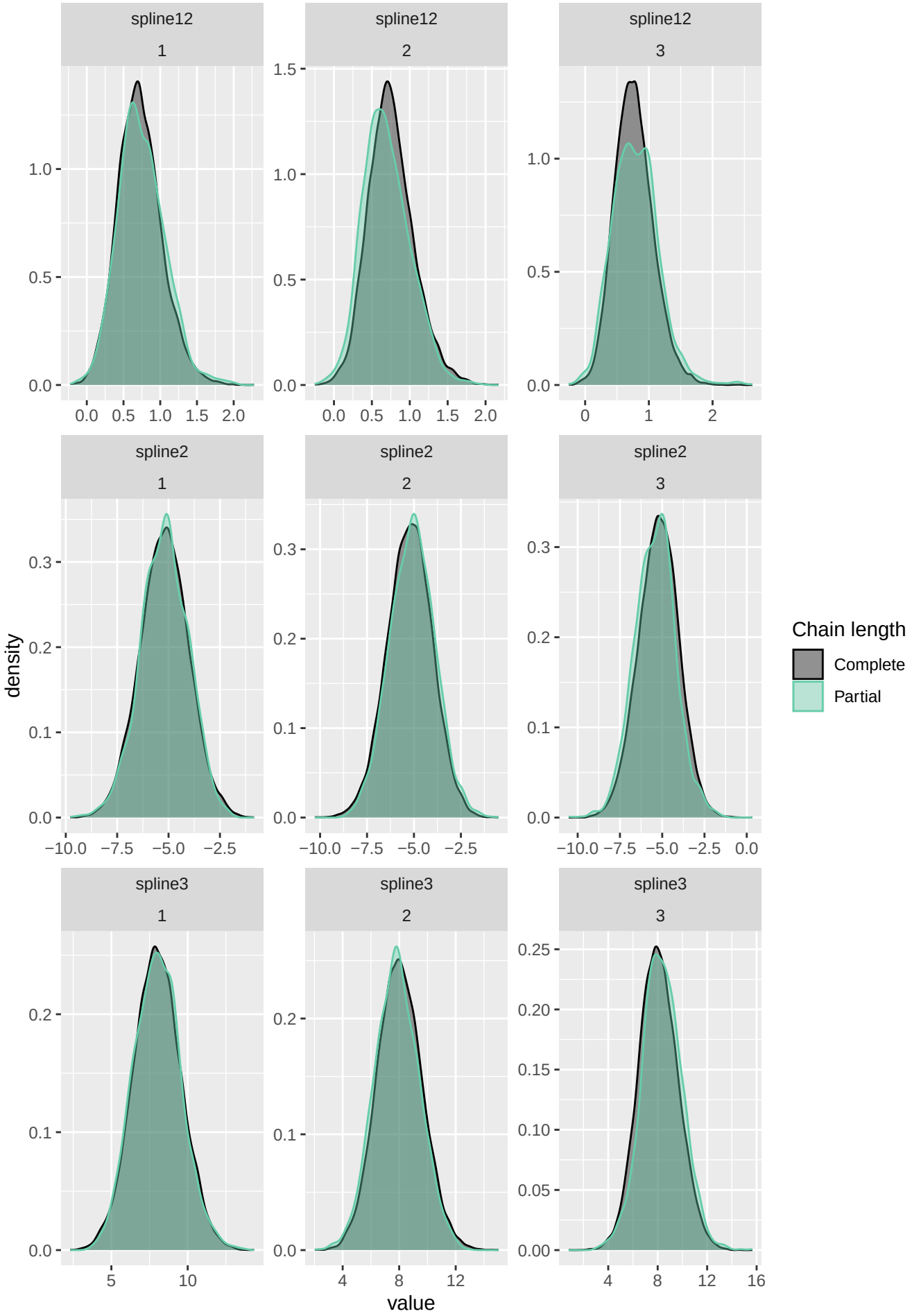

1
2
3
spline4
spline5
spline6
Running Mean
Iteration
Chain
1
2
3
60
55
50
45
1.1
1.0
0.9
0.8
4.4
4.2
4.0
3.8
−9
49991
99991
149991

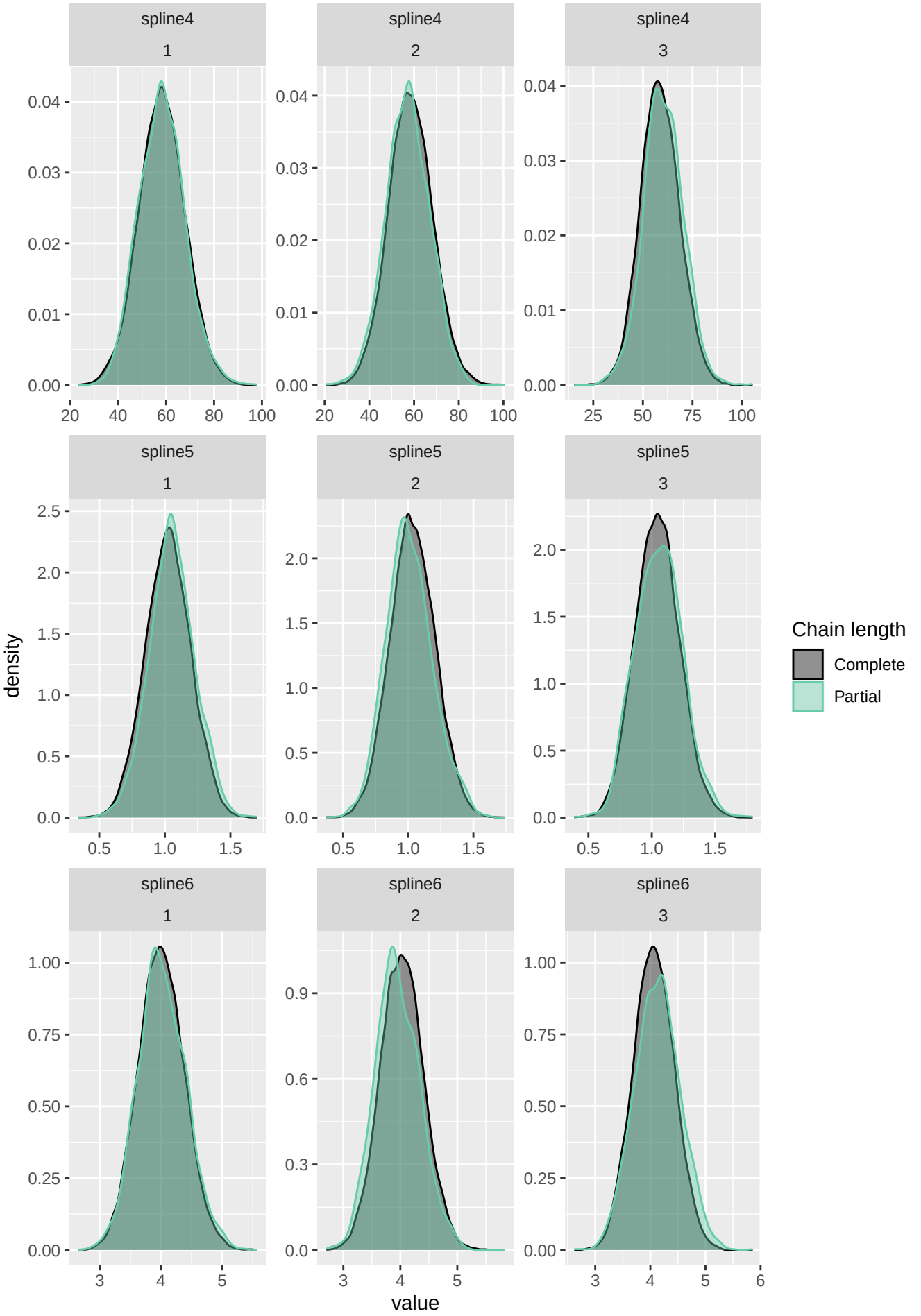

1
2
3
spline7
spline8
spline9
Running Mean
Iteration
Chain
1
2
3
0.4
0.0
−0.4
−0.8
0.9
0.6
0.3
0.0
0.8
0.4
0.0
−0.4
−9
49991
99991
149991

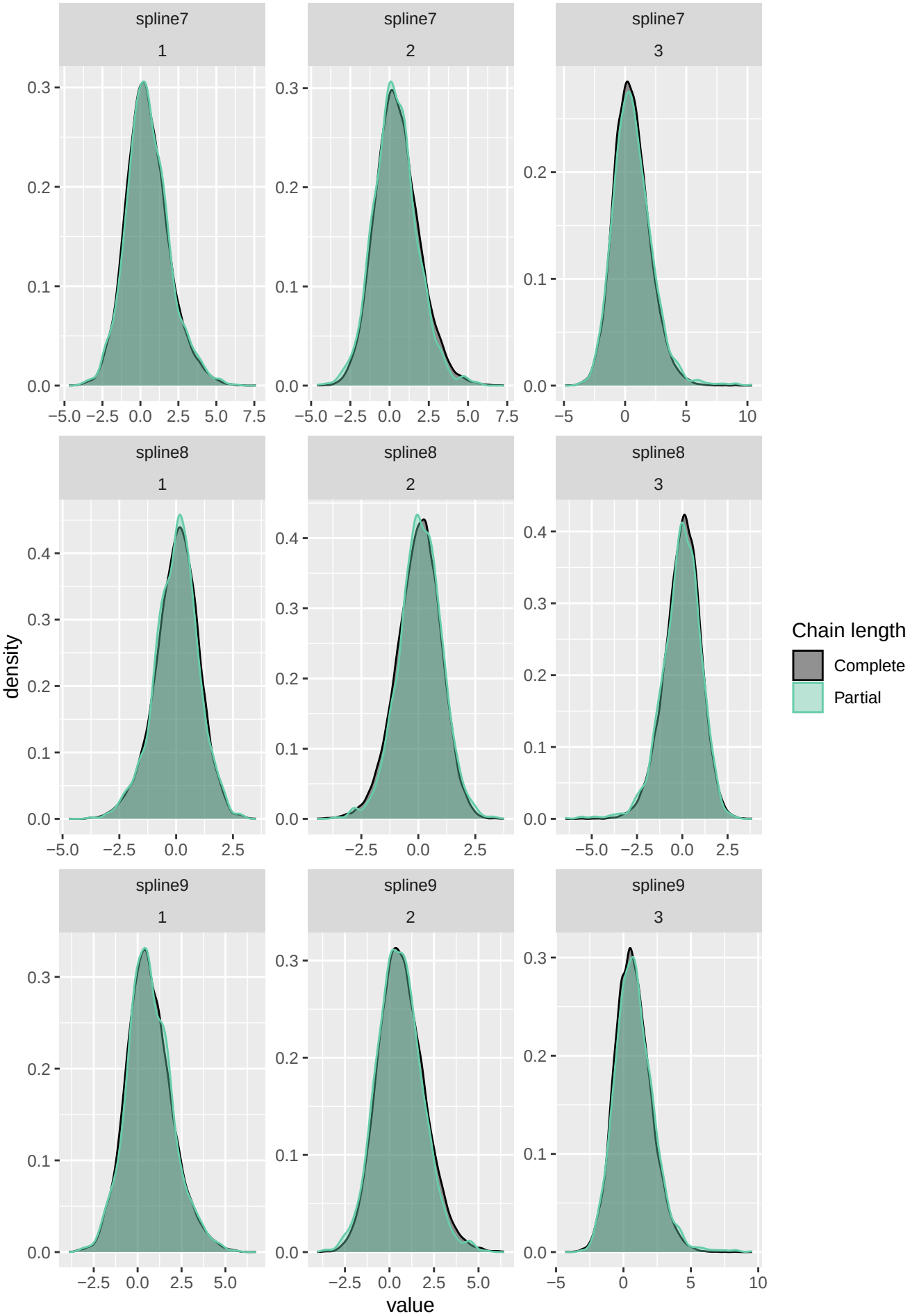

env.bio_10
1
env.bio_10
2
env.bio_10
3
env.bio_17
1
env.bio_17
2
env.bio_17
3
env.npp
1
env.npp
2
env.npp
3
density
value
Chain length
Complete
Partial

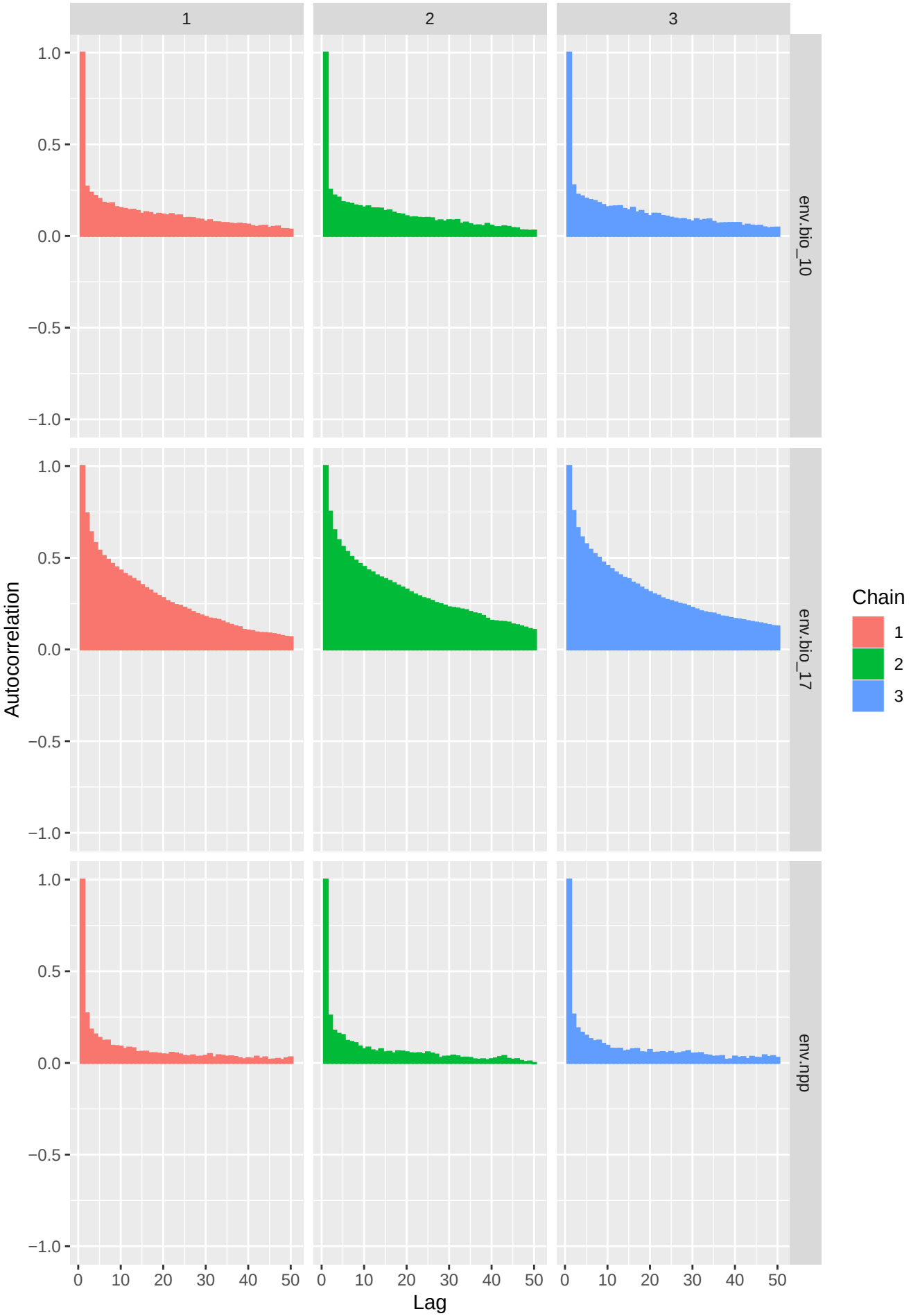

env.tree
1
2
3
expert
Intercept
density
value
Chain length
Complete
Partial

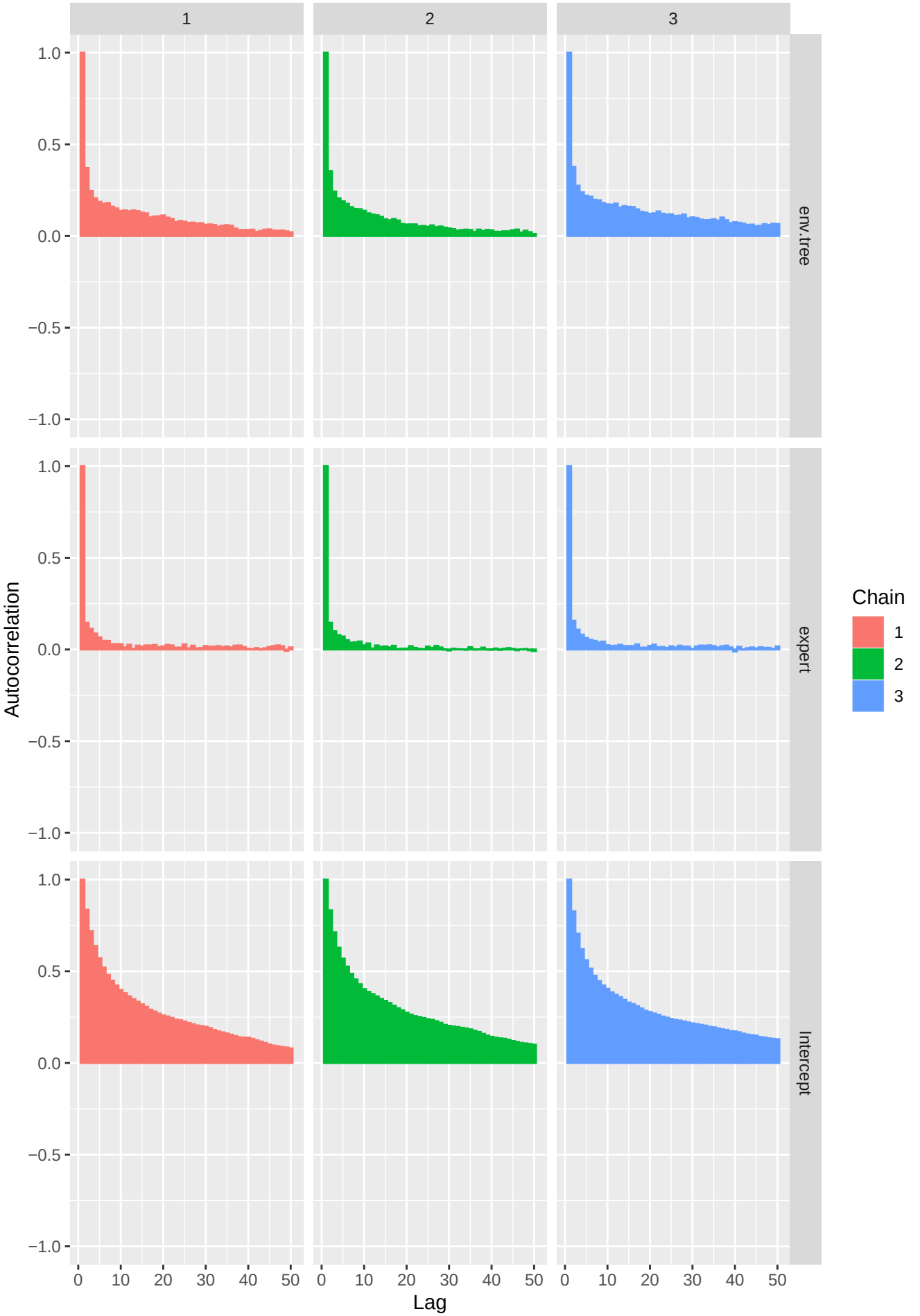

spline1
1
2
3
spline10
spline11
density
value
Chain length
Complete
Partial

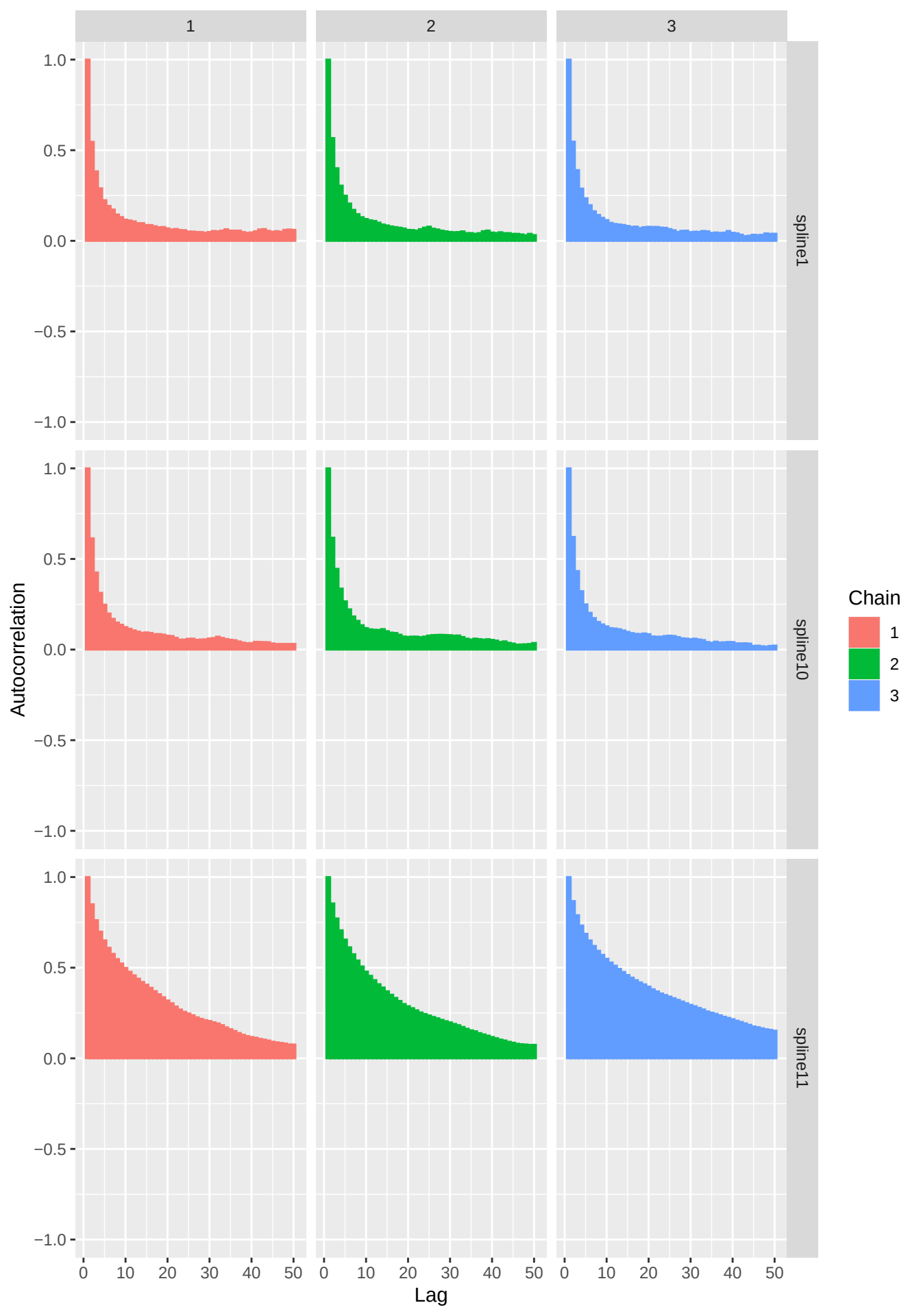

spline12
1
spline12
2
spline12
3
spline2
1
spline2
2
spline2
3
spline3
1
spline3
2
spline3
3
density
value
Chain length
Complete
Partial

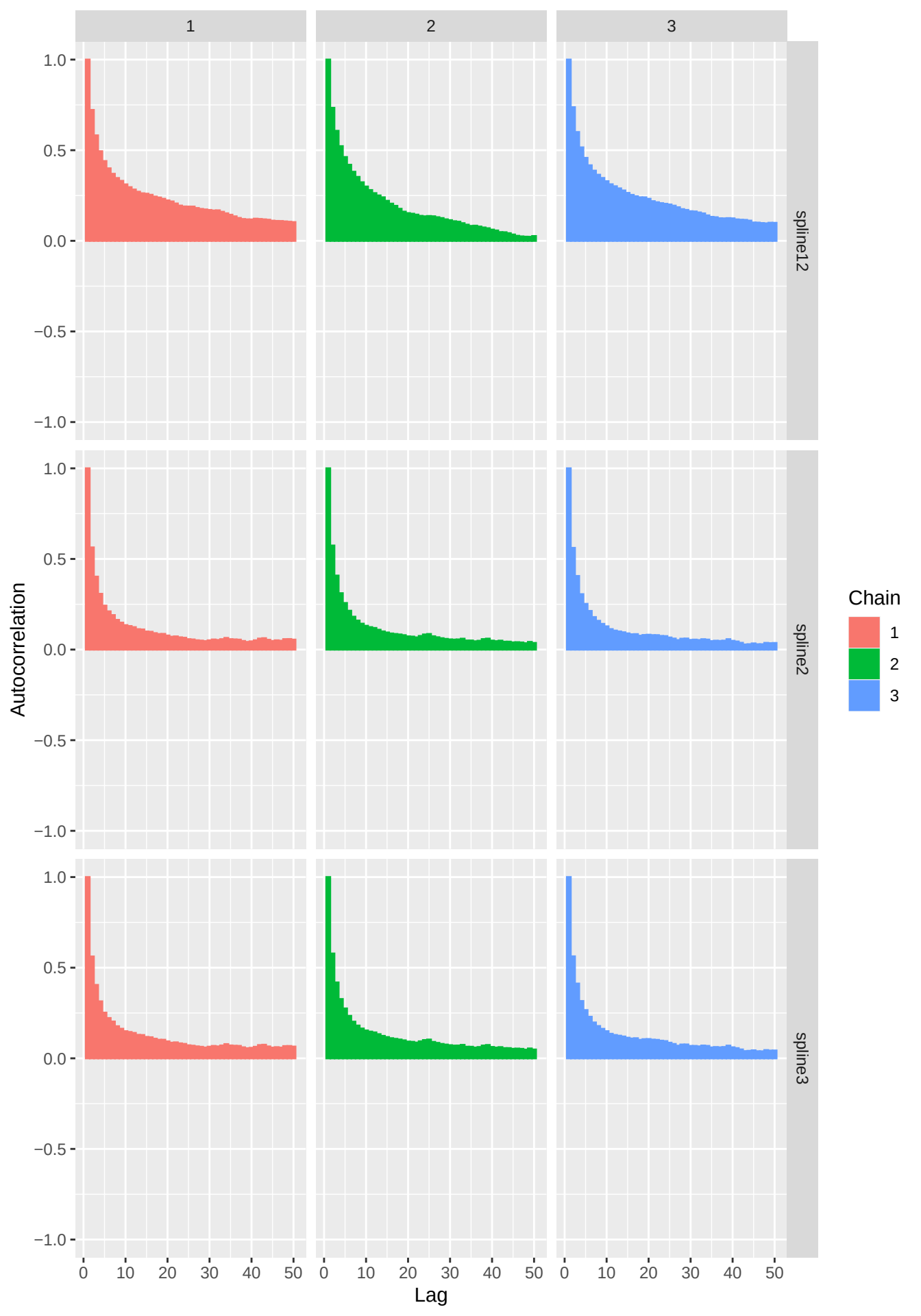

spline4
1
2
3
spline5
spline6
density
value
Chain length
Complete
Partial

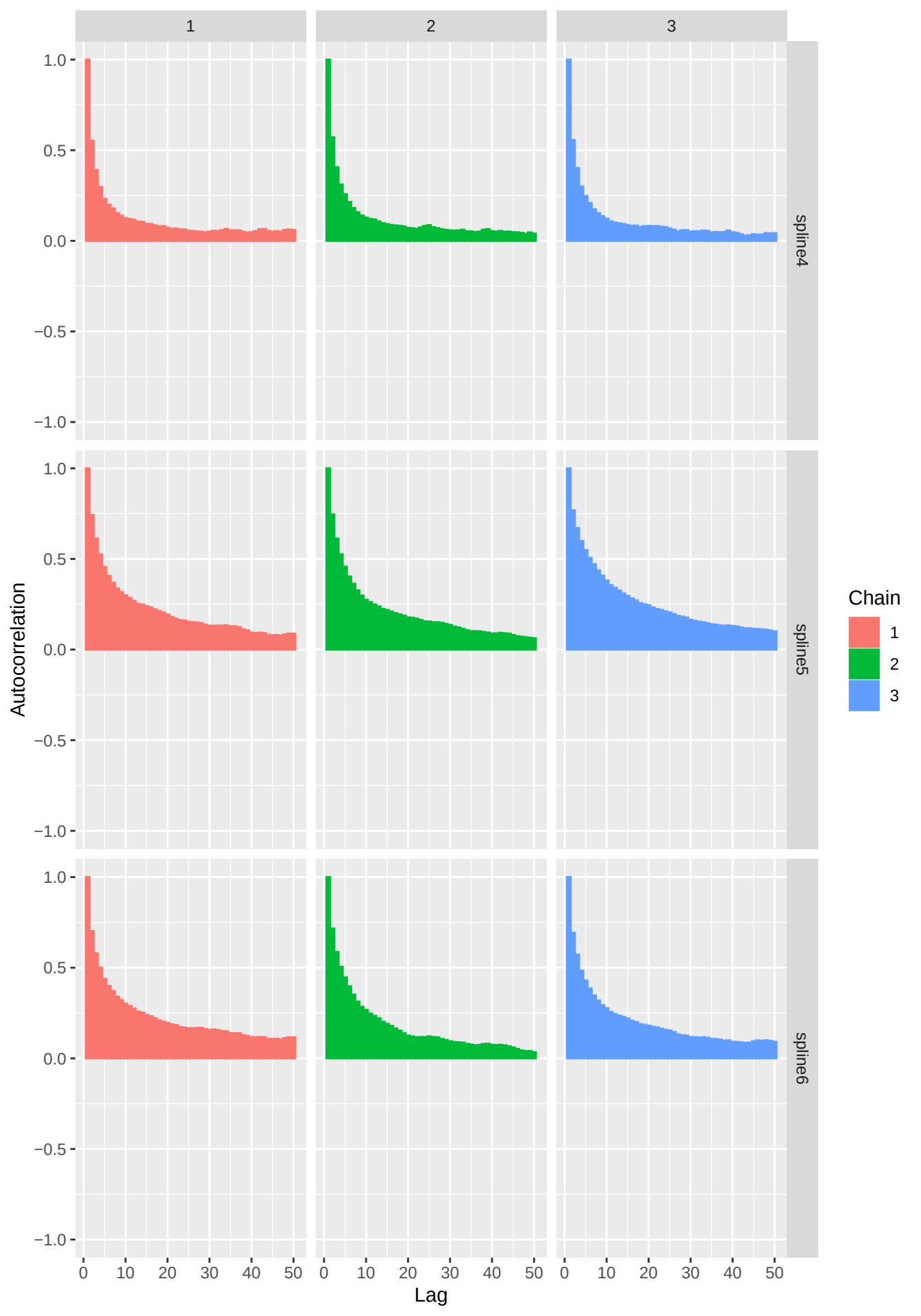

spline7
1
spline7
2
spline7
3
spline8
1
spline8
2
spline8
3
spline9
1
spline9
2
spline9
3
density
value
Chain length
Complete
Partial

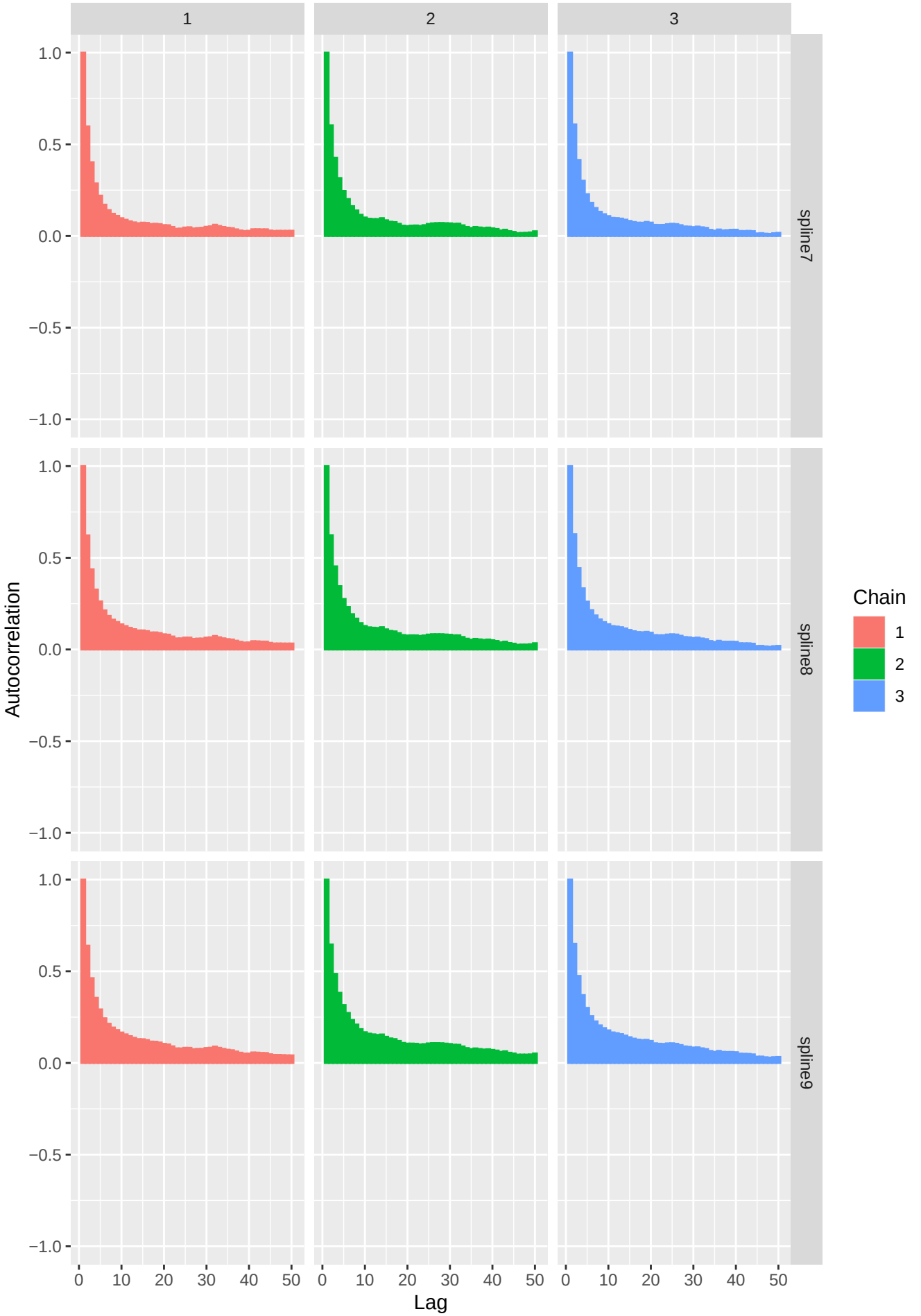

1
2
3
env.bio_10
env.bio_17
env.npp
Autocorrelation
Lag
Chain
1
2
3
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50

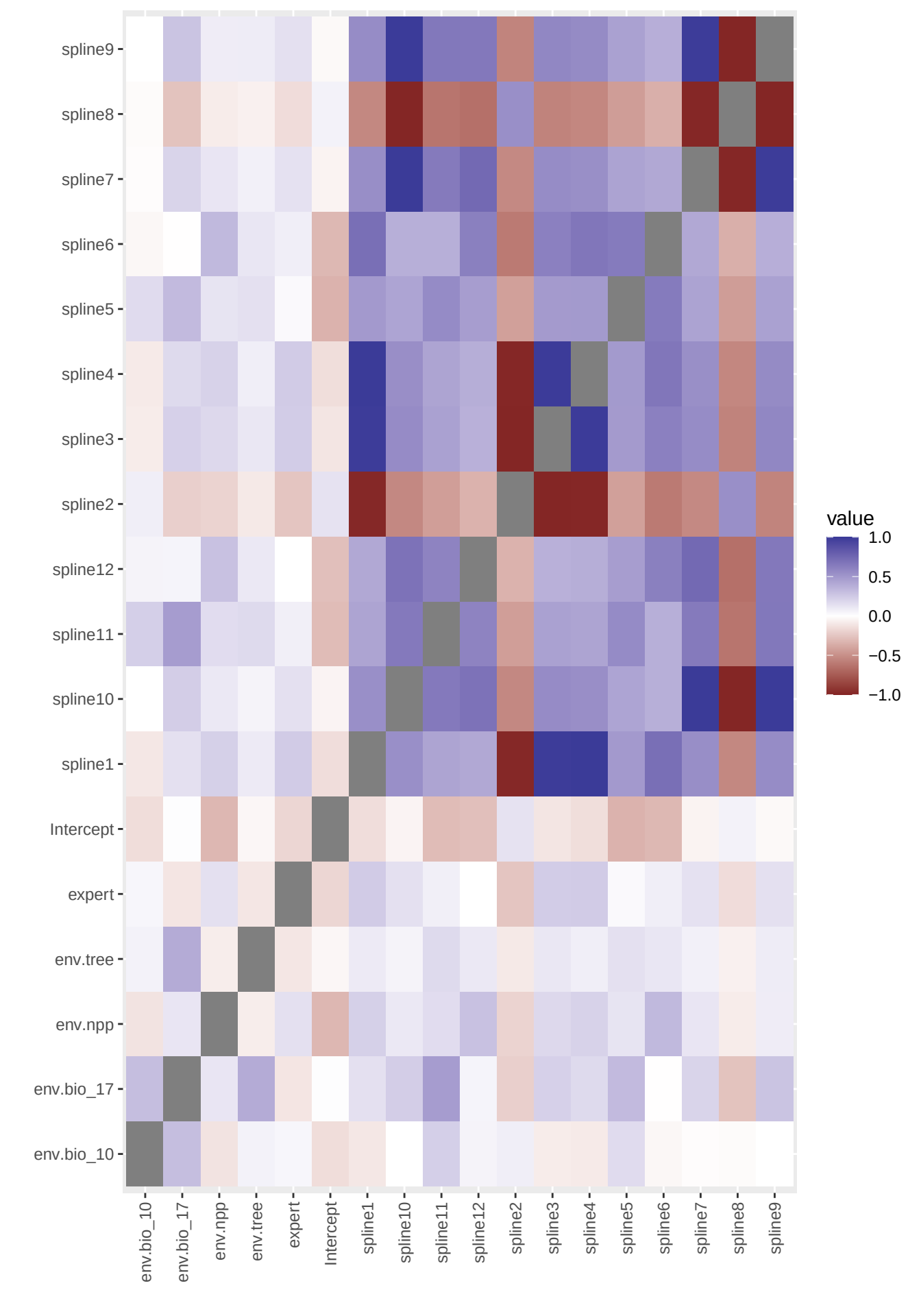

1
2
3
env.tree
expert
Intercept
Autocorrelation
Lag
Chain
1
2
3
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50

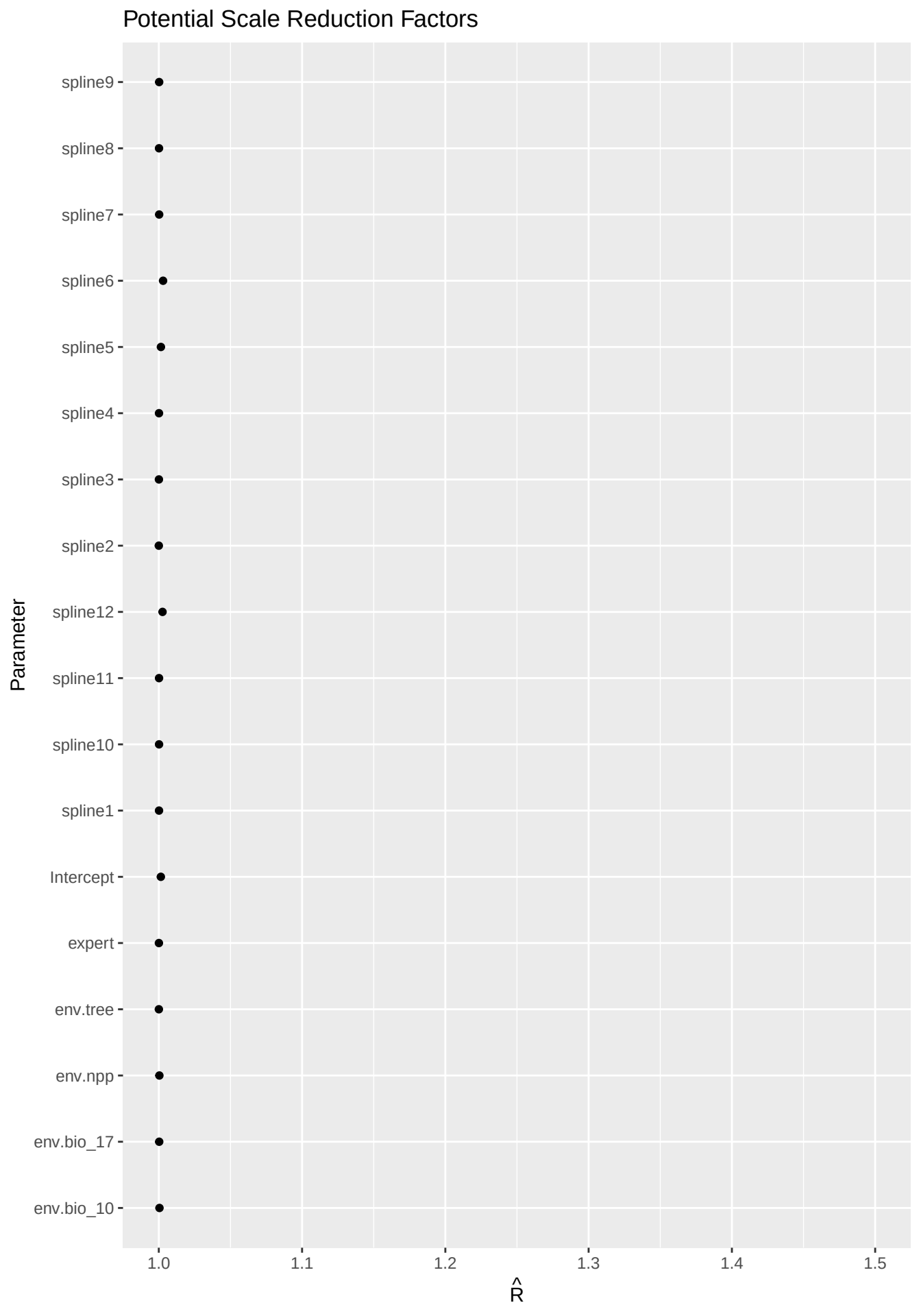

1
2
3
spline1
spline10
spline11
Autocorrelation
Lag
Chain
1
2
3
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50

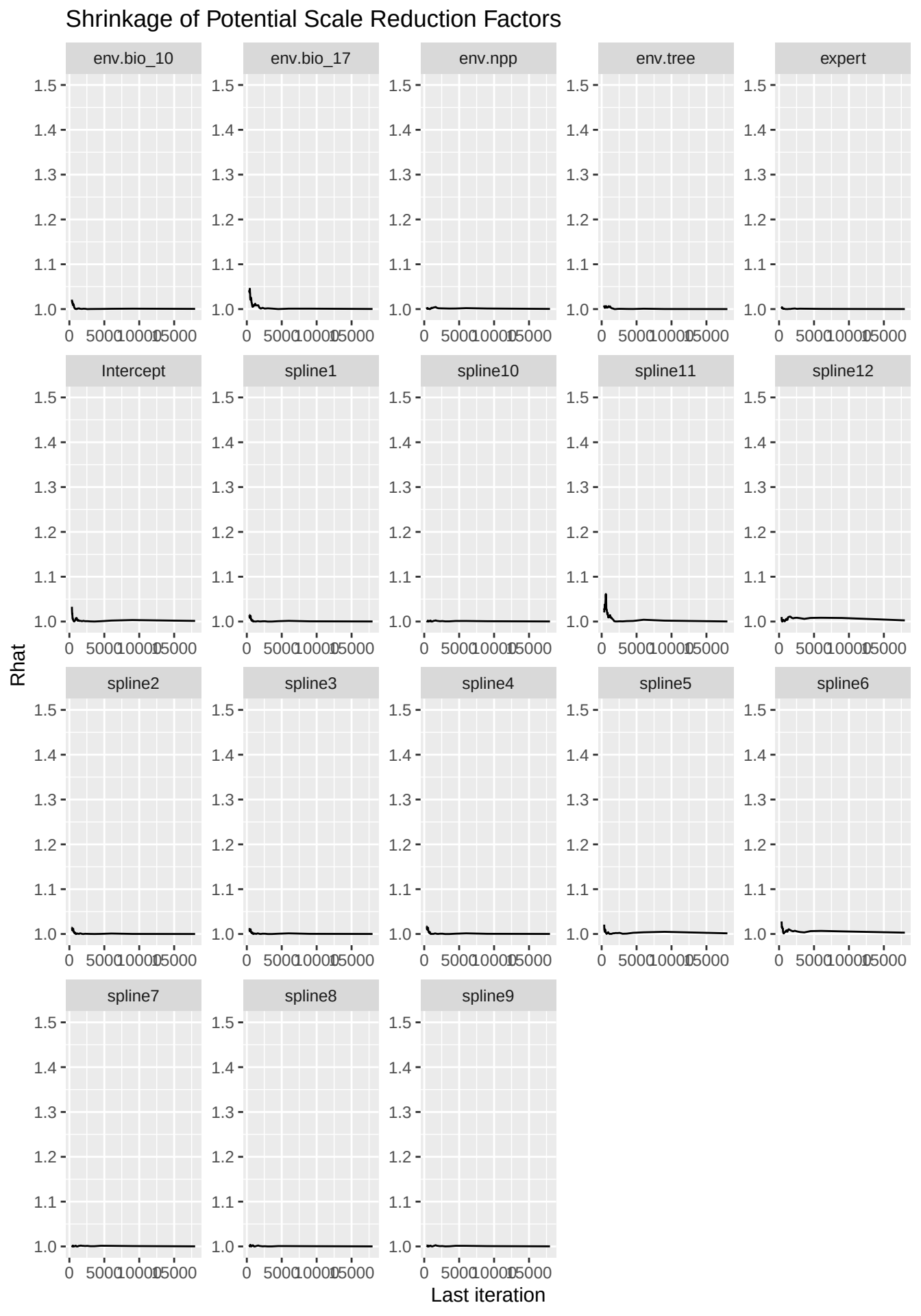

1
2
3
spline12
spline2
spline3
Autocorrelation
Lag
Chain
1
2
3
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50

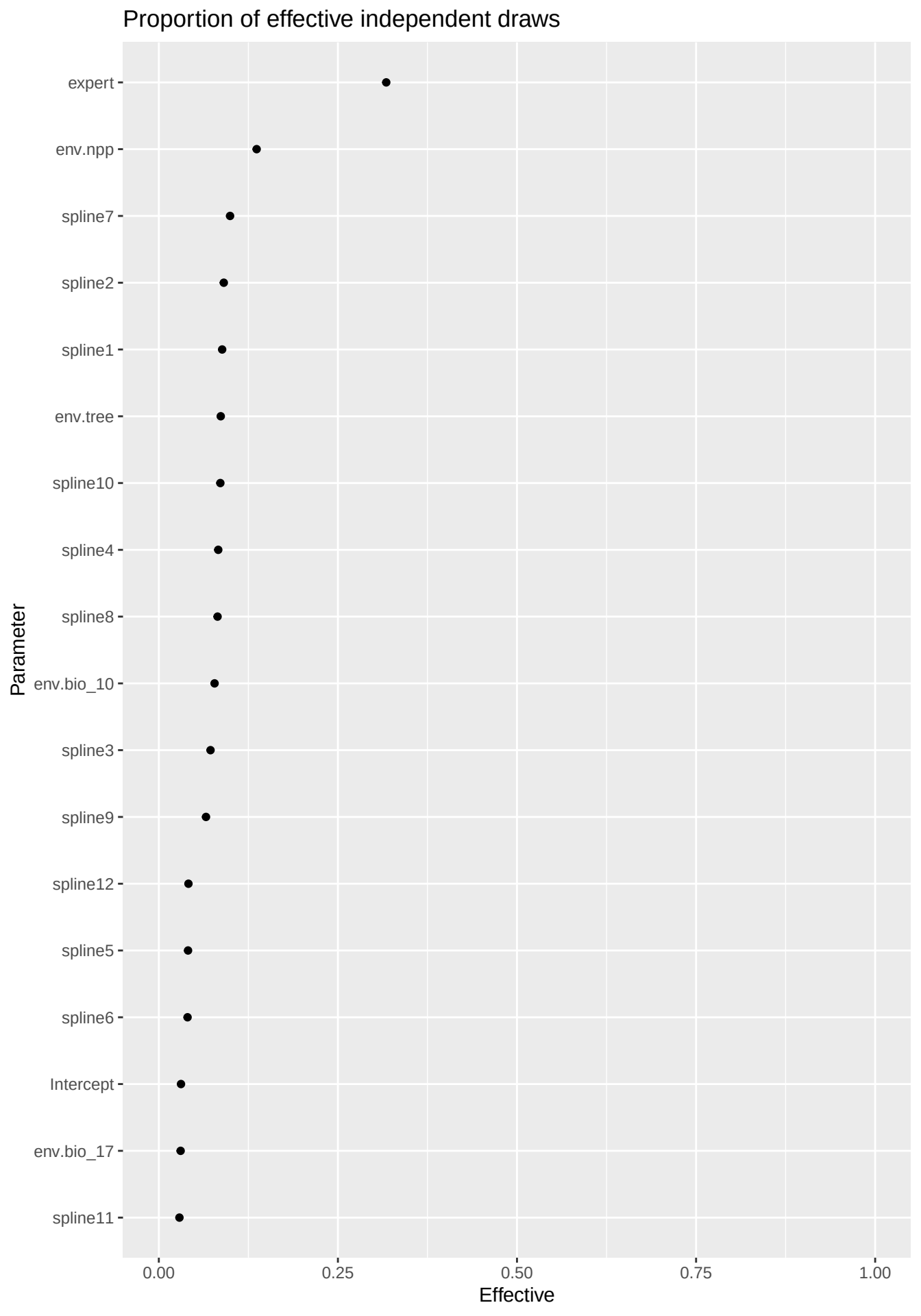

1
2
3
spline4
spline5
spline6
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3

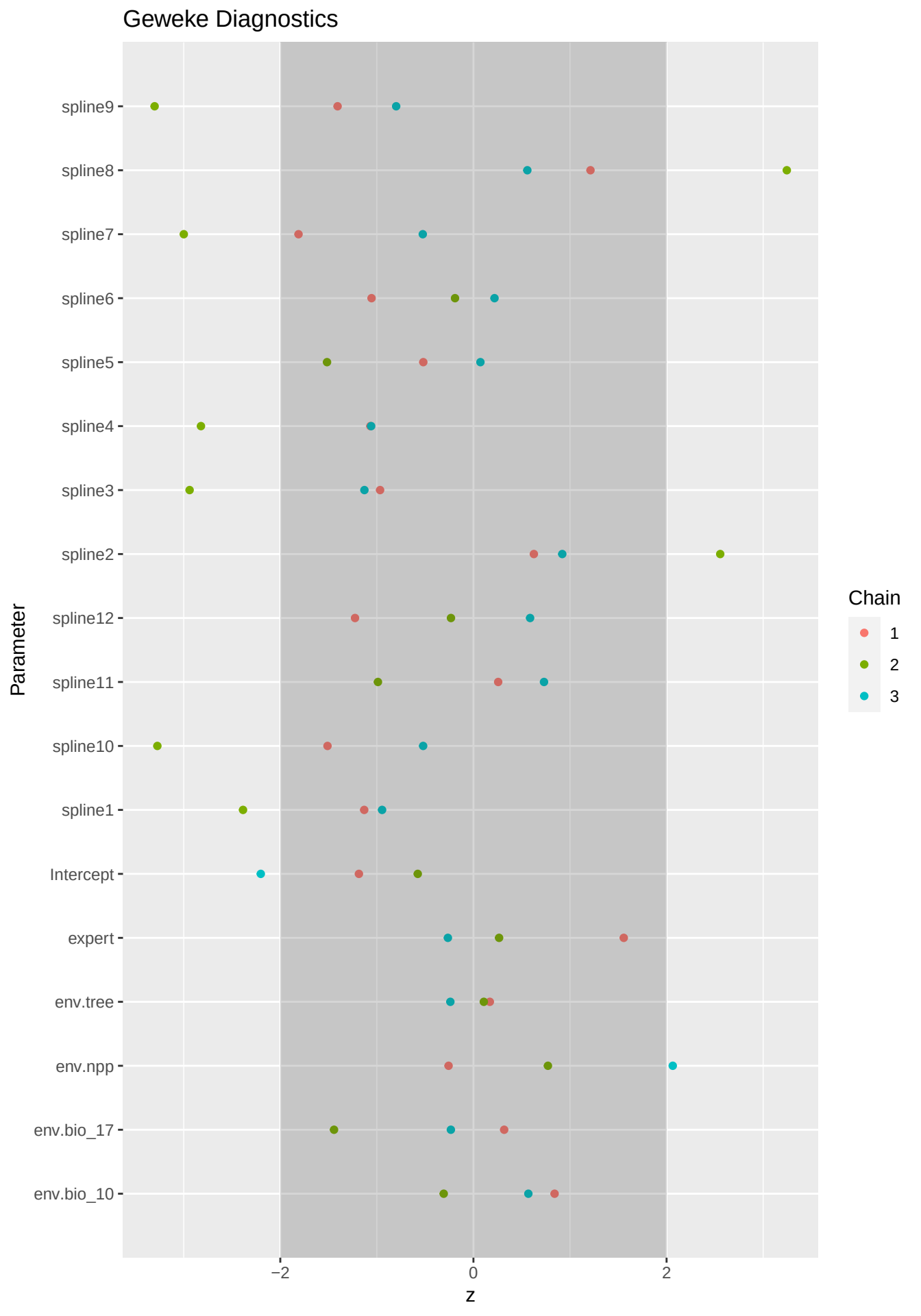

1
2
3
spline7
spline8
spline9
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3

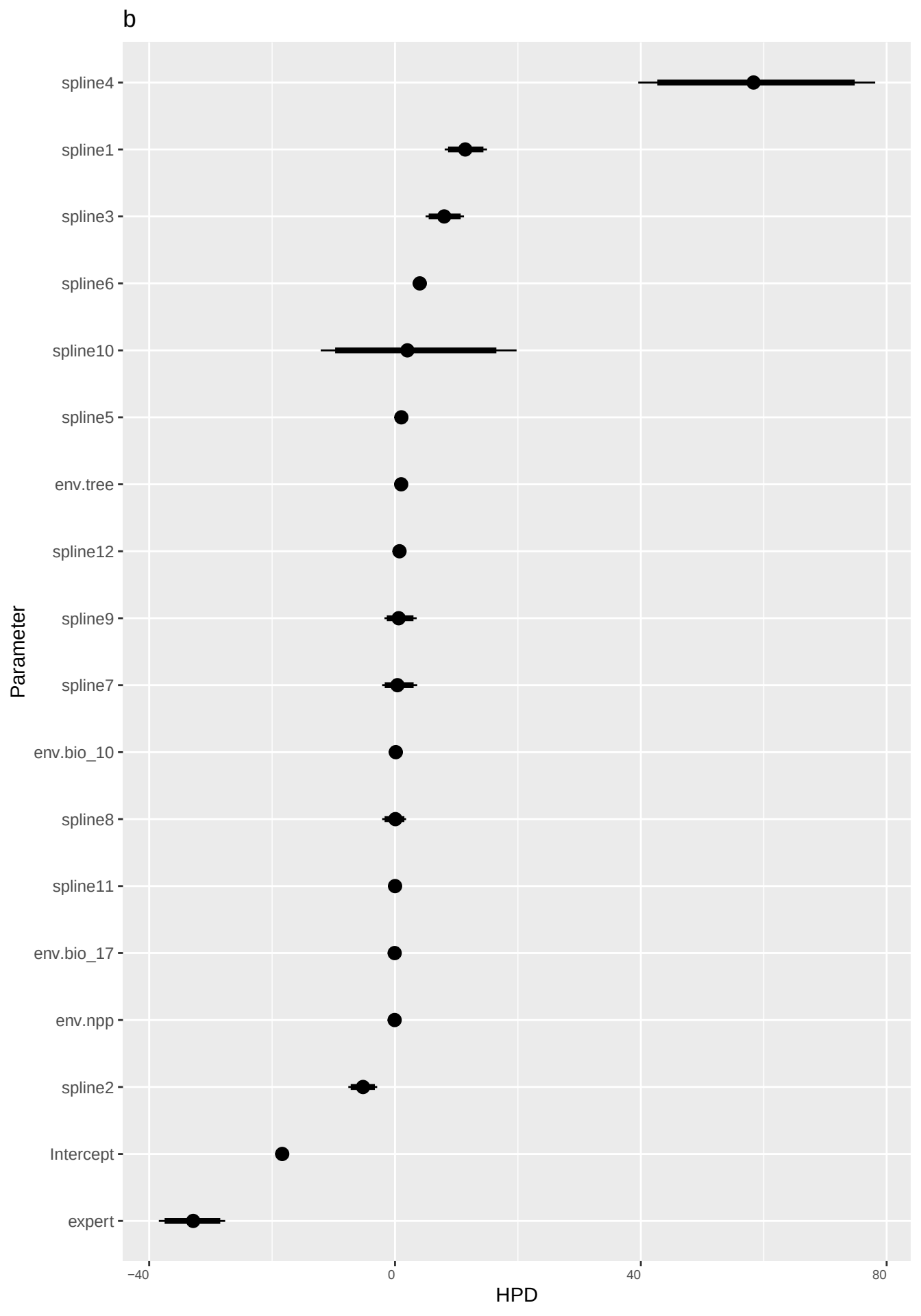

spline9
spline8
spline7
spline6
spline5
spline4
spline3
spline2
spline12
spline11
spline10
spline1
Intercept
expert
env.tree
env.npp
env.bio_17
env.bio_10
env.bio_10
env.bio_17
env.npp
env.tree
expert
Intercept
spline1
spline10
spline11
spline12
spline2
spline3
spline4
spline5
spline6
spline7
spline8
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.tree
env.npp
env.bio_17
env.bio_10
1.0
1.1
1.2
1.3
1.4
1.5
R̂


Shrinkage of Potential Scale Reduction Factors
env.bio_10
env.bio_17
env.npp
env.tree
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
expert
env.npp
spline7
spline2
spline1
env.tree
spline10
spline4
spline8
env.bio_10
spline3
spline9
spline12
spline5
spline6
Intercept
env.bio_17
spline11
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.tree
env.npp
env.bio_17
env.bio_10
Parameter
−2
0
2
z
Chain
1
2
3


b
spline4
spline1
spline3
spline6
spline10
spline5
env.tree
spline12
spline9
spline7
env.bio_10
spline8
spline11
env.bio_17
env.npp
spline2
Intercept
expert
Parameter
−40
0
40
80
HPD