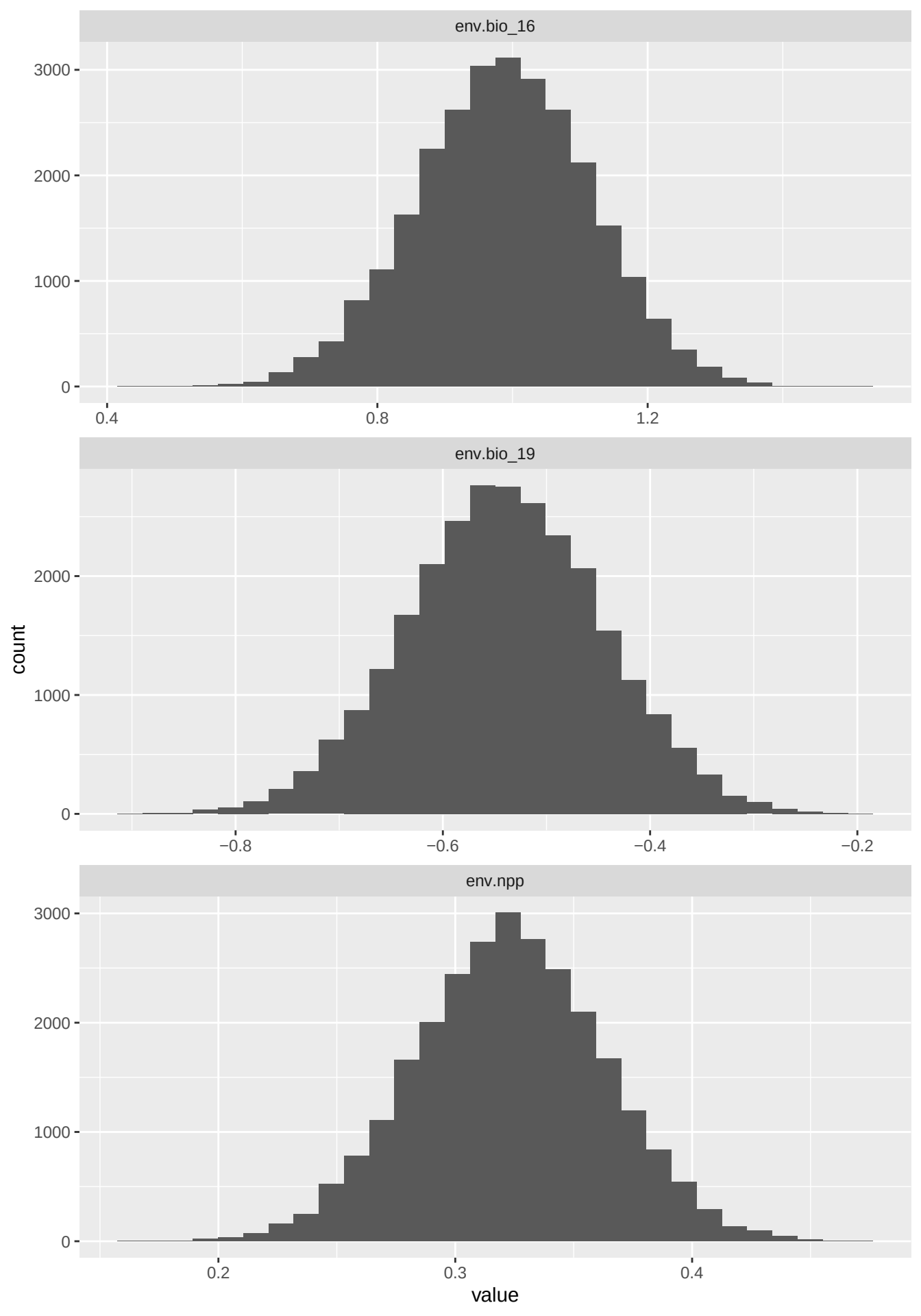
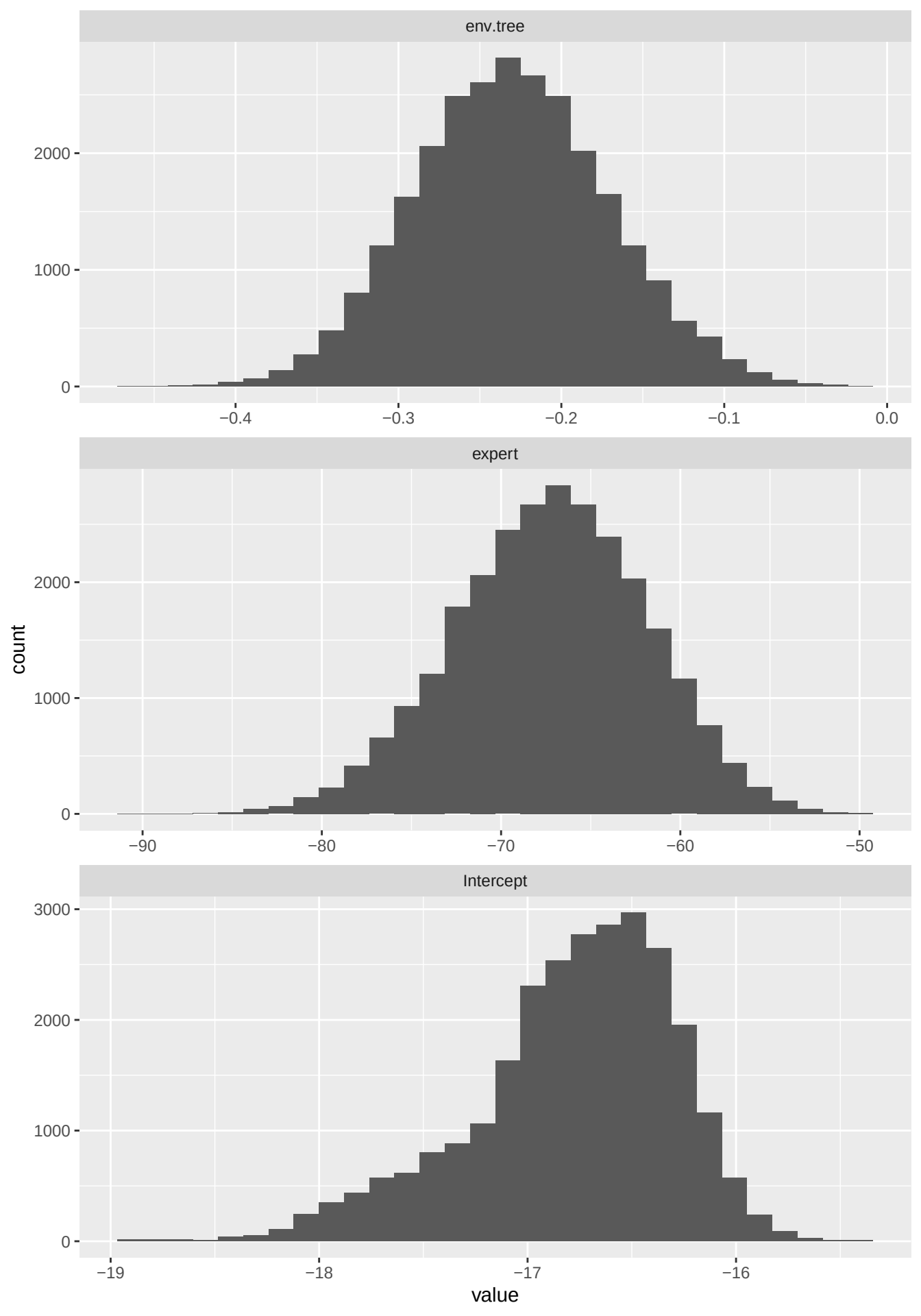
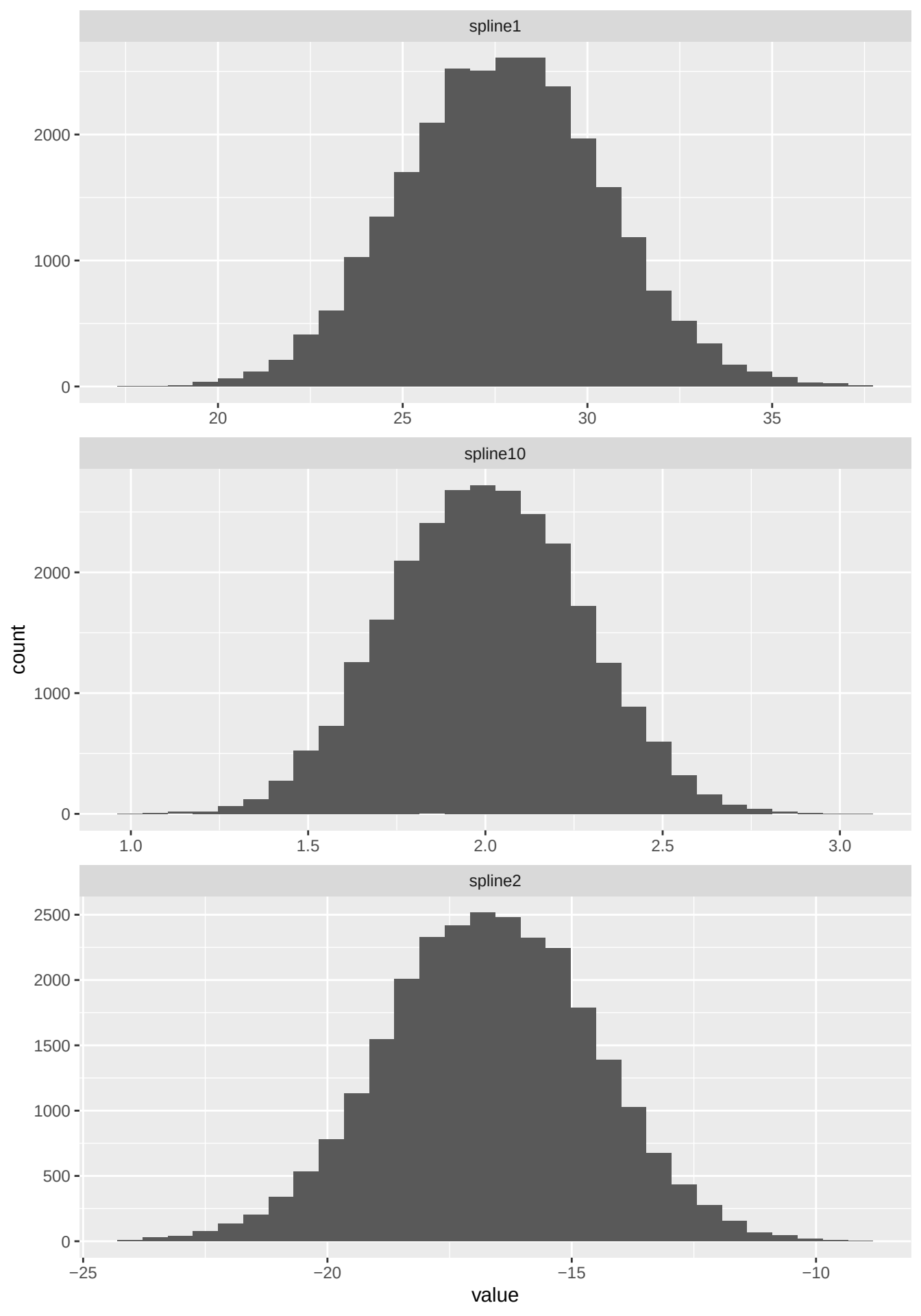
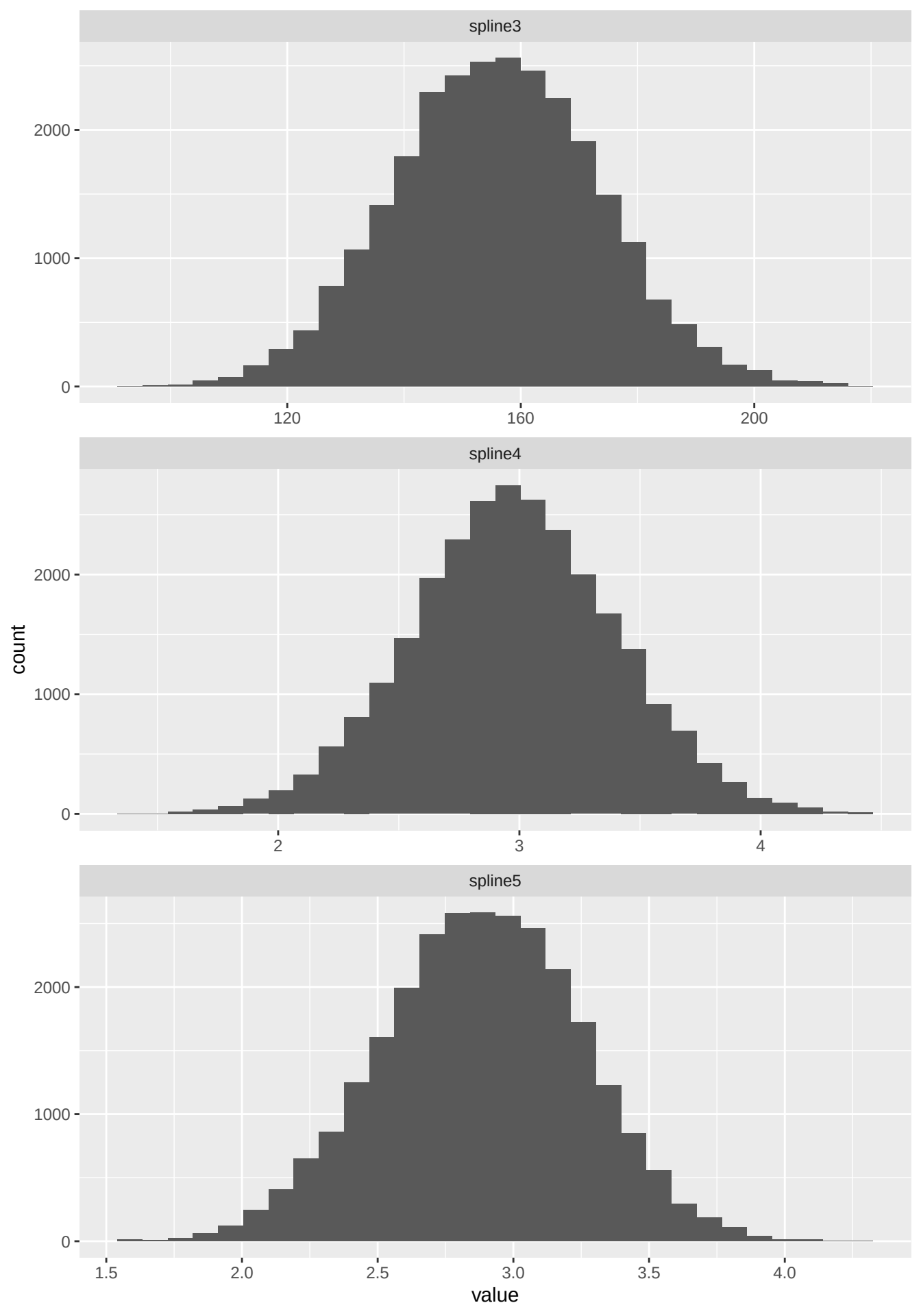
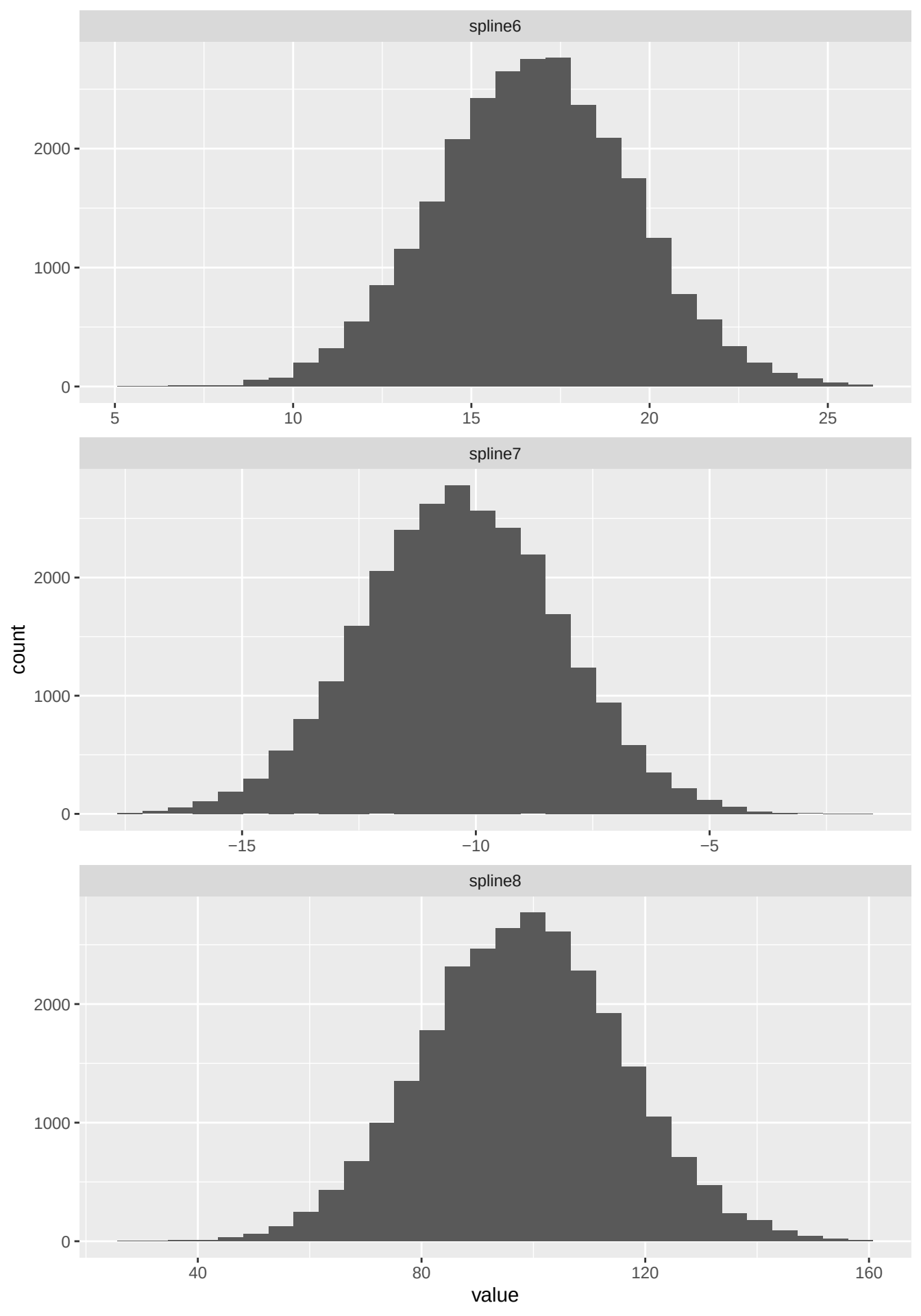
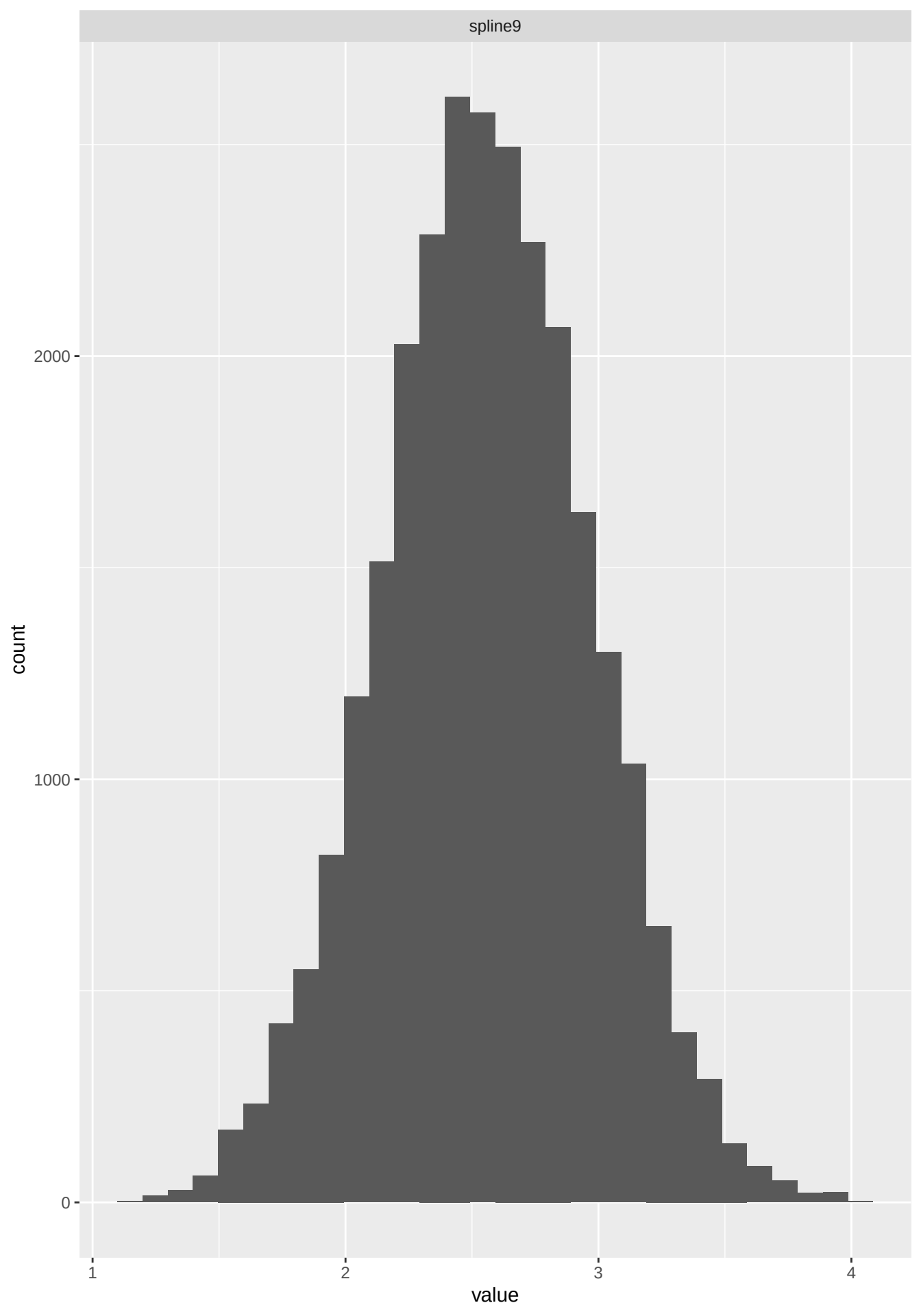

env.bio_16
3000
2000
1000
0
0.4
0.8
1.2
env.bio_19
2000
1000
0
−0.8
−0.6
−0.4
−0.2
count
env.npp
3000
2000
1000
0
0.2
0.3
0.4
value

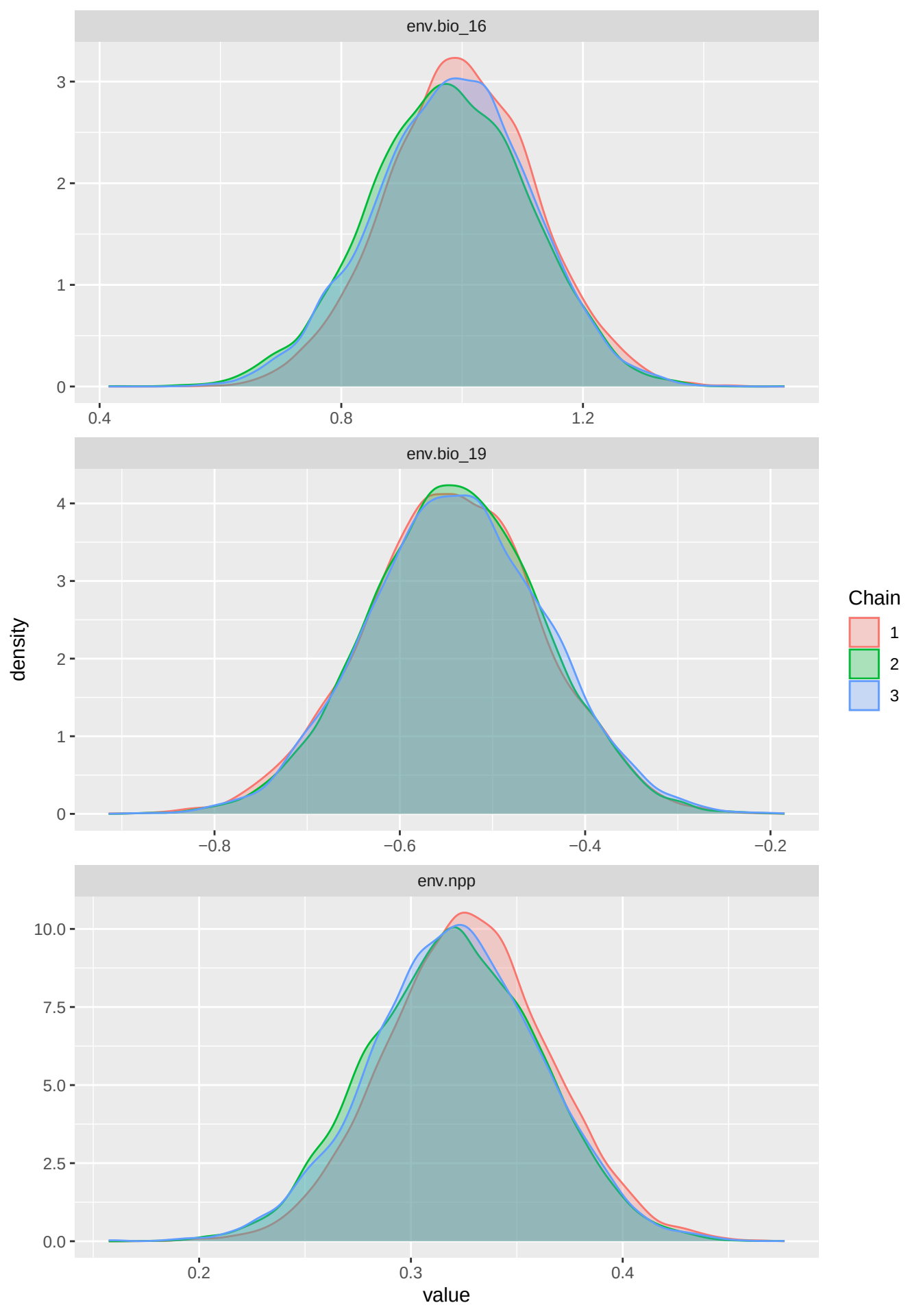

env.tree
2000
1000
0
−0.4
−0.3
−0.2
−0.1
0.0
expert
count
2000
1000
0
−90
−80
−70
−60
−50
Intercept
3000
2000
1000
0
−19
−18
−17
−16
value

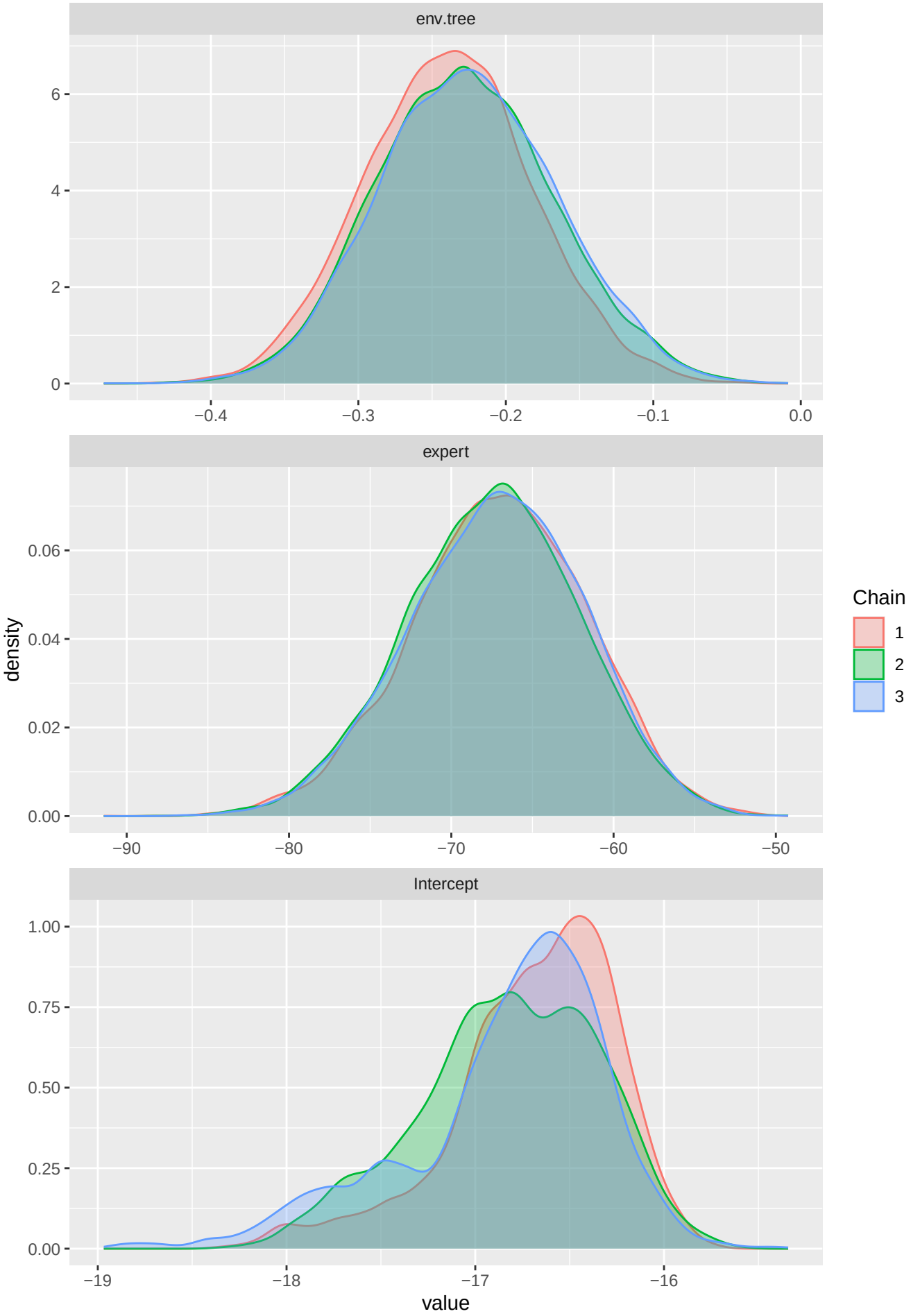

spline1
2000
1000
0
20
25
30
35
spline10
2000
1000
0
1.0
1.5
2.0
2.5
3.0
count
spline2
2500
2000
1500
1000
500
0
−25
−20
−15
−10
value

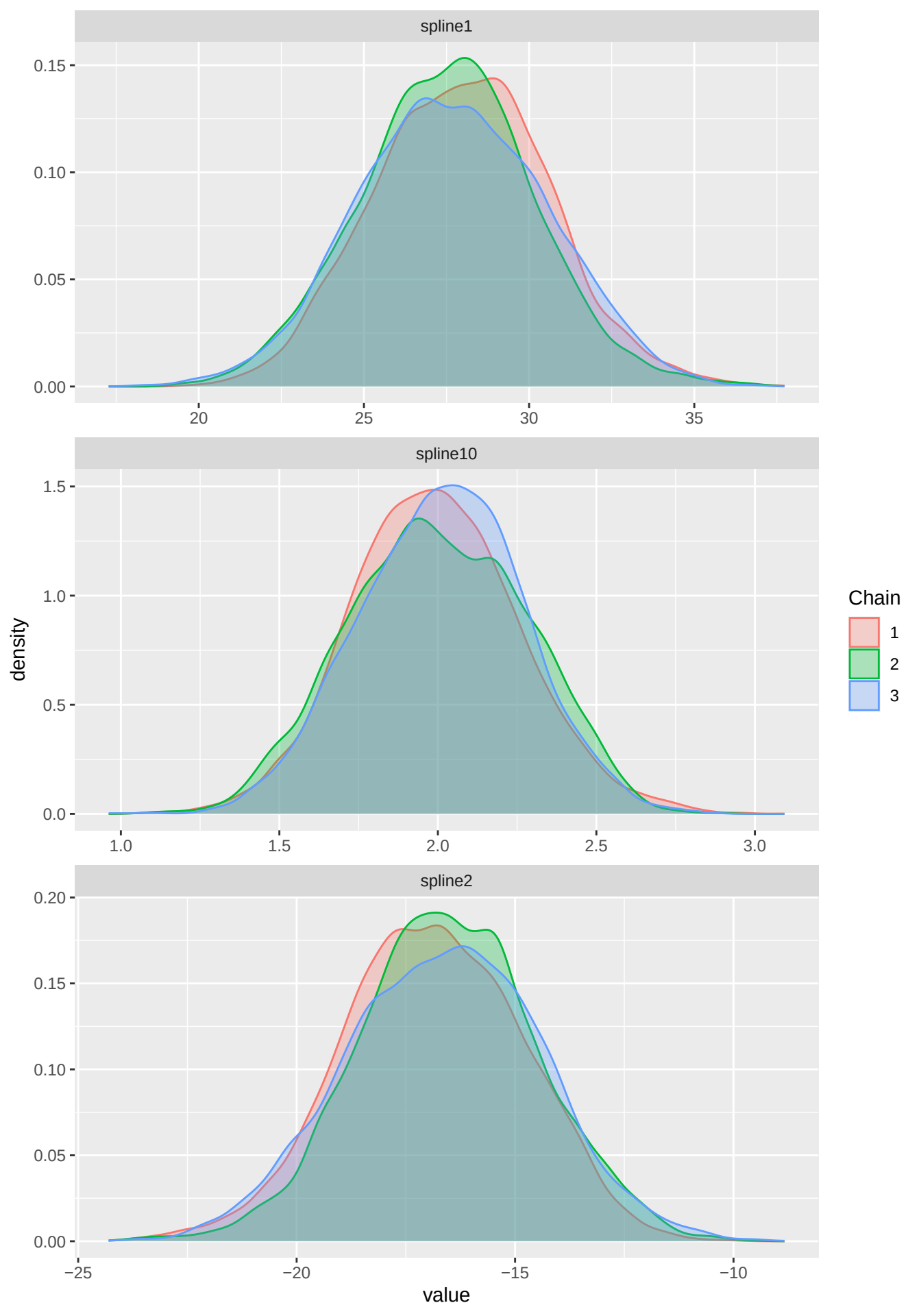

spline3
spline4
spline5
count
value
0
1000
2000
120
160
200
2
3
4
1.5
2.0
2.5
3.0
3.5
4.0

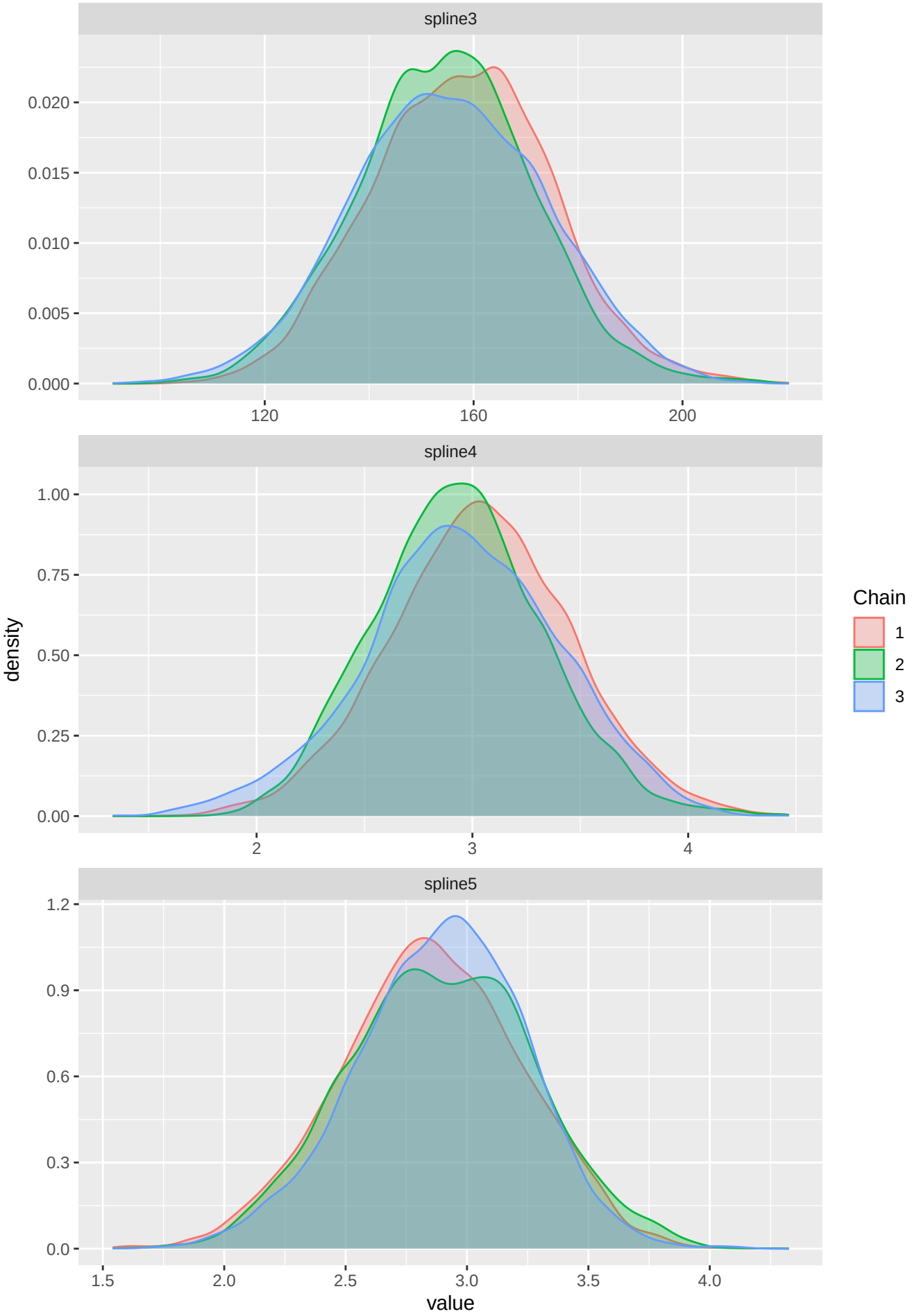

spline6
spline7
spline8
count
value
2000
1000
0
5
10
15
20
25
−15
−10
−5
40
80
120
160

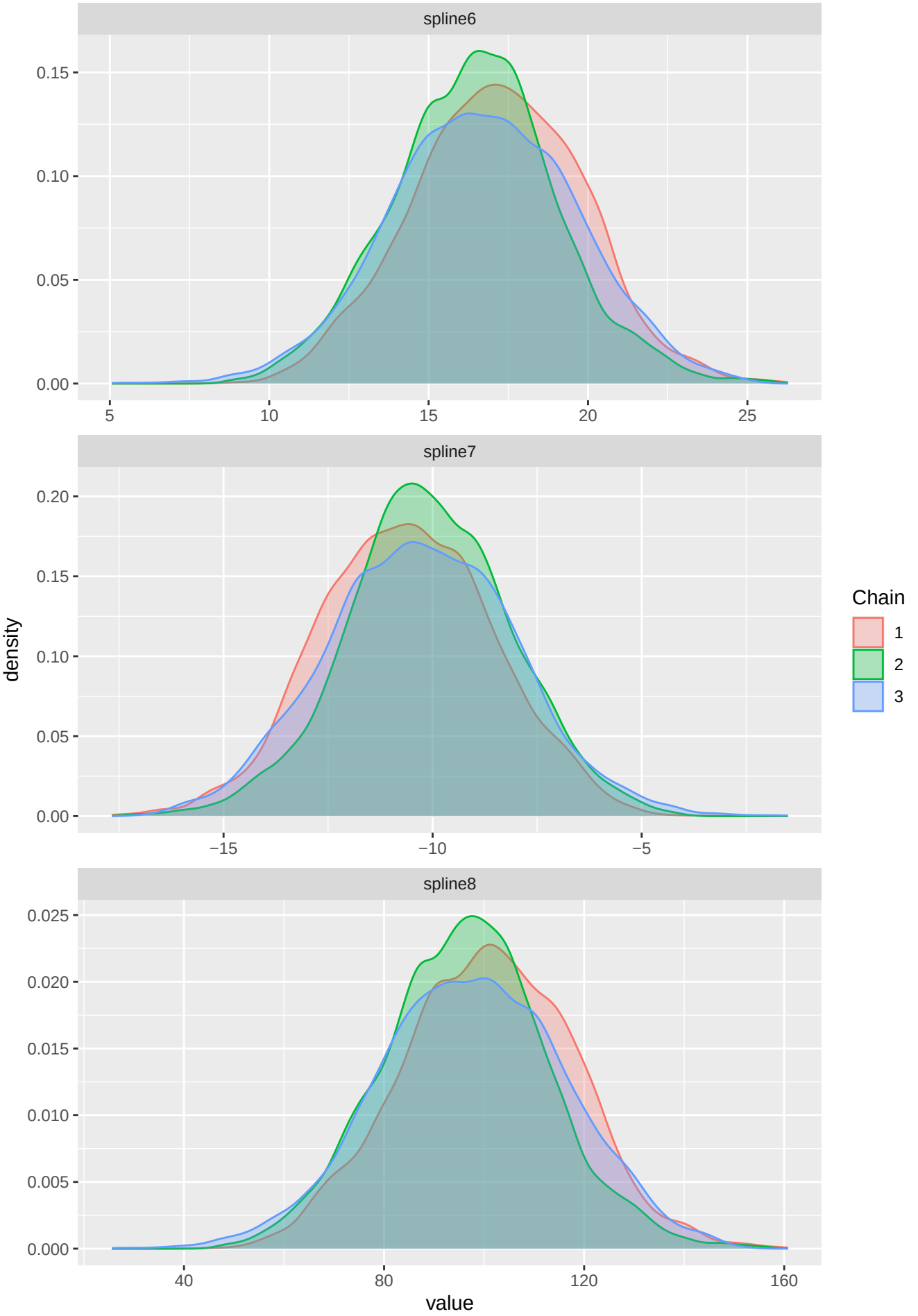

spline9
2000
1000
0
count
1
2
3
4
value

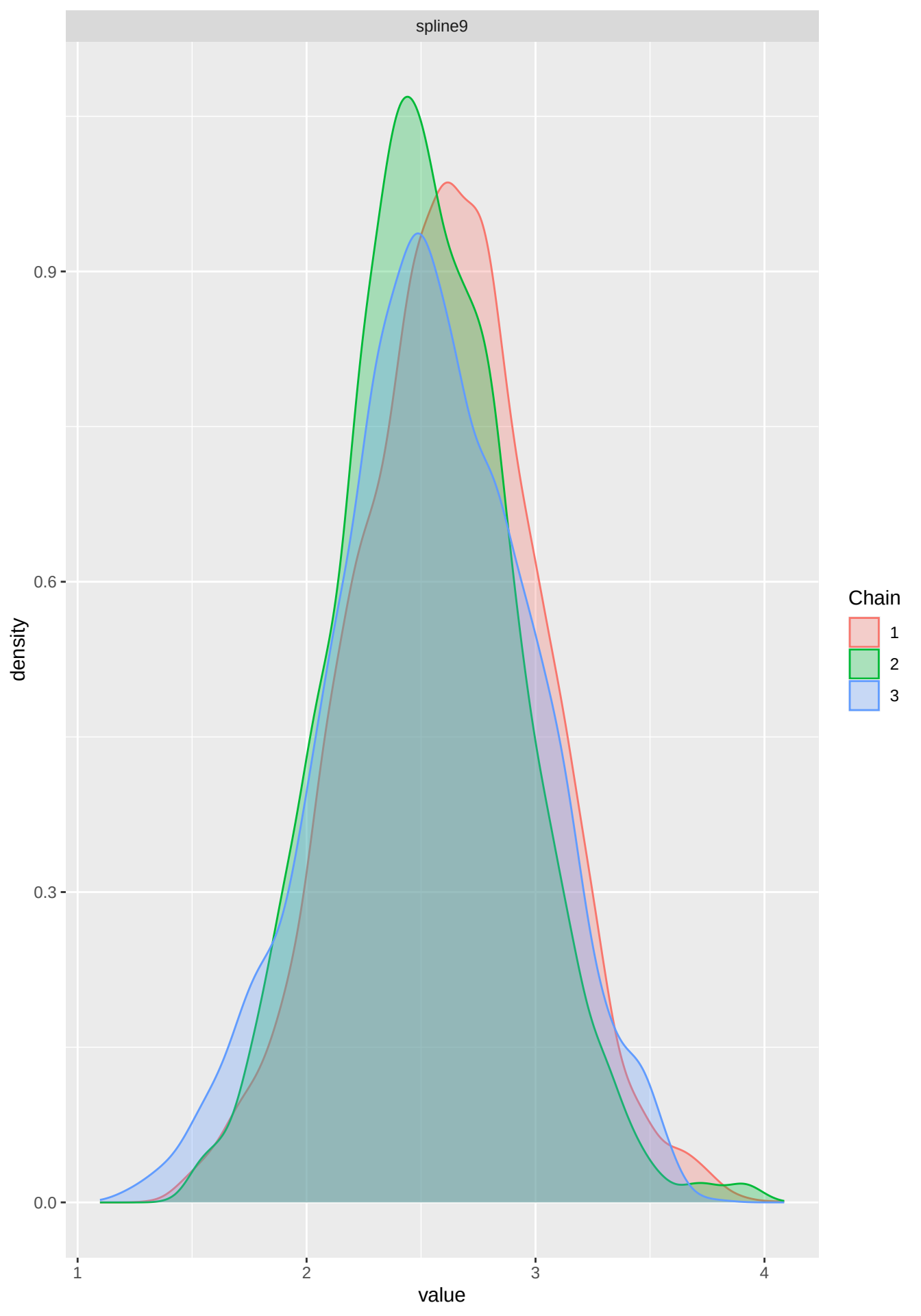

env.bio_16
env.bio_19
env.npp
density
value
Chain
1
2
3

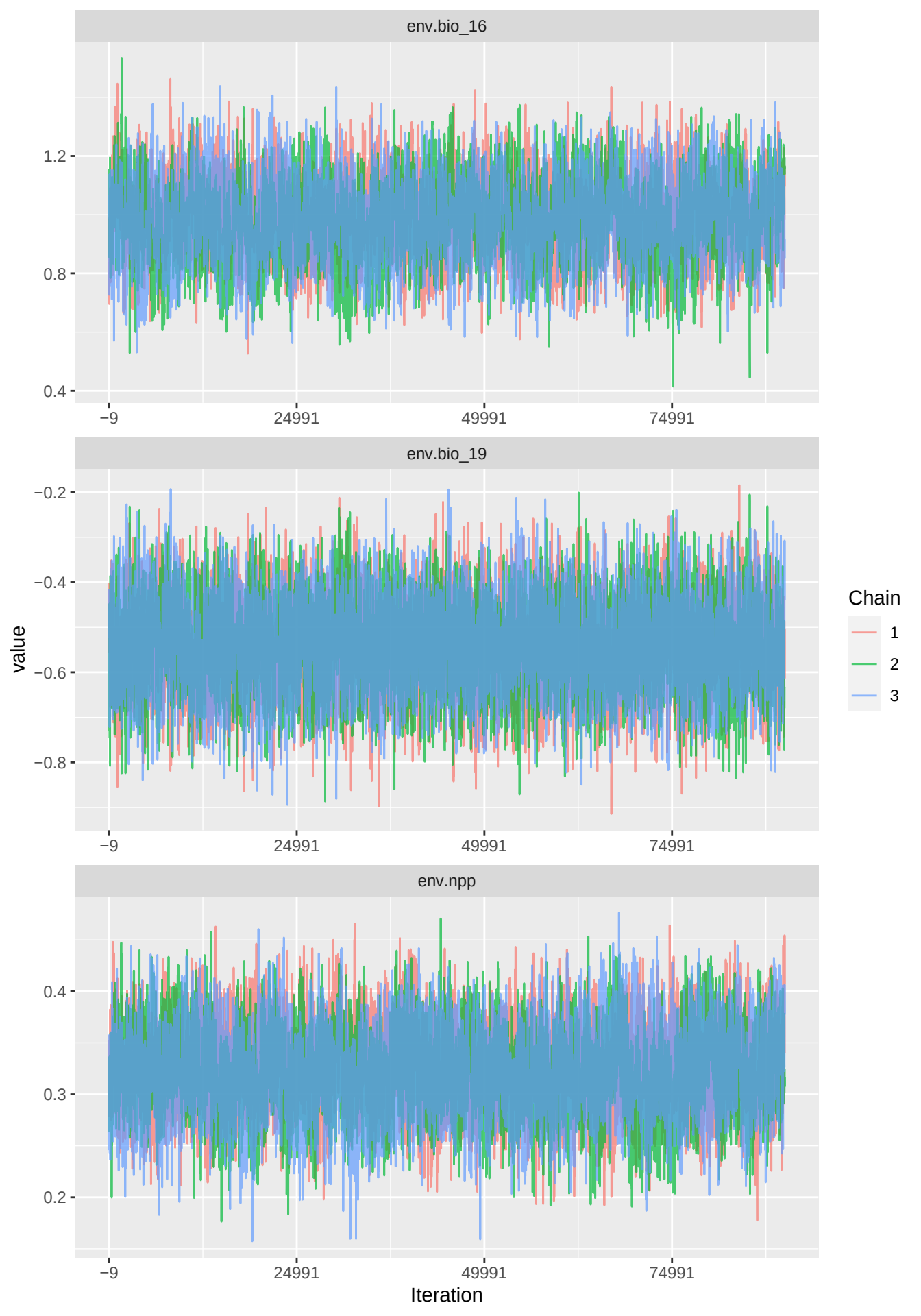

env.tree
expert
Intercept
density
value
Chain
1
2
3
6
4
2
0
−0.4
−0.3
−0.2
−0.1
0.0
0.06
0.04
0.02
0.00
−90
−80
−70
−60
−50
1.00
0.75
0.50
0.25
0.00
−19
−18
−17
−16

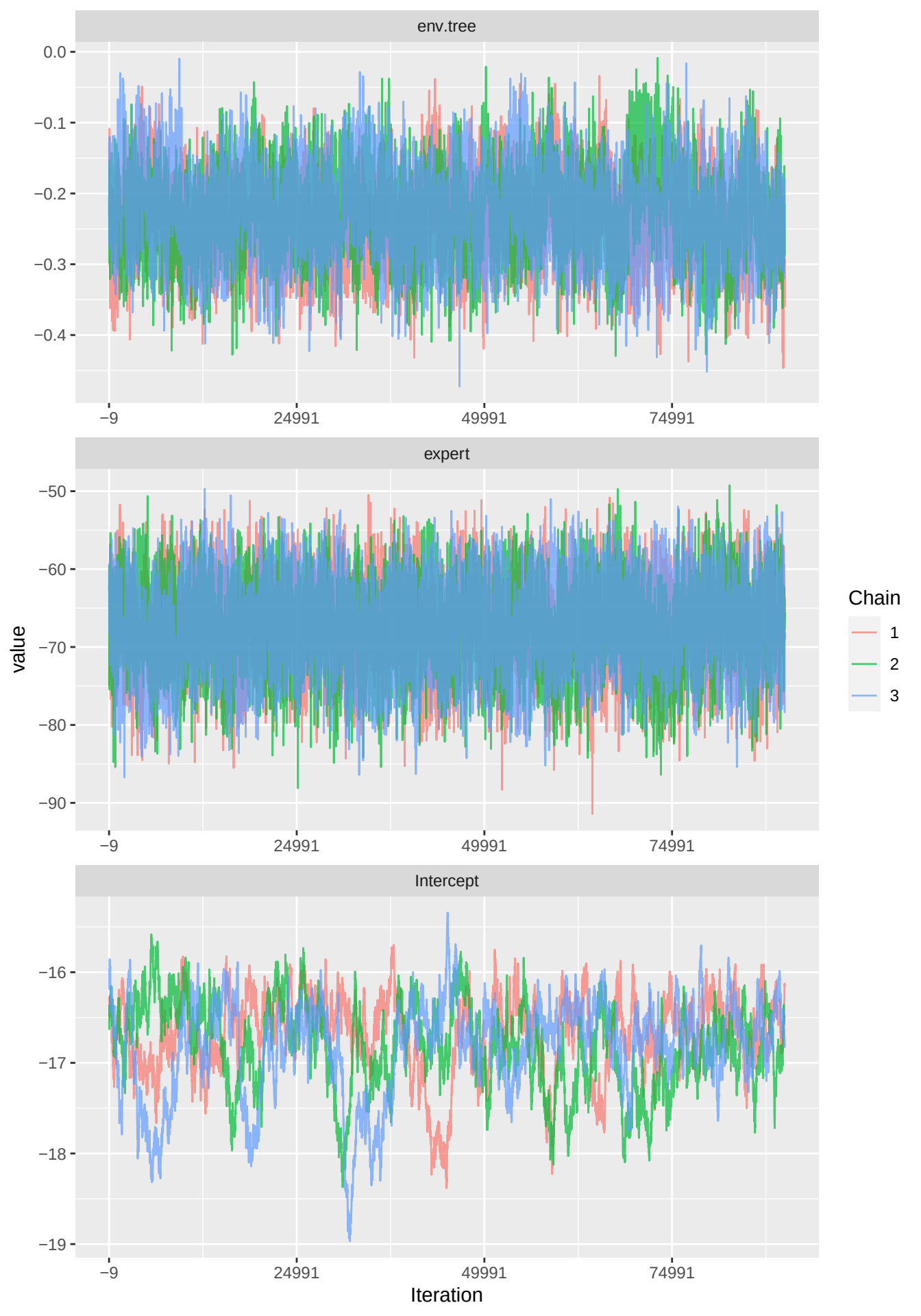

spline1
0.15
0.10
0.05
0.00
20
25
30
35
spline10
1.5
1.0
0.5
0.0
1.0
1.5
2.0
2.5
3.0
density
spline2
0.20
0.15
0.10
0.05
0.00
−25
−20
−15
−10
value
Chain
1
2
3

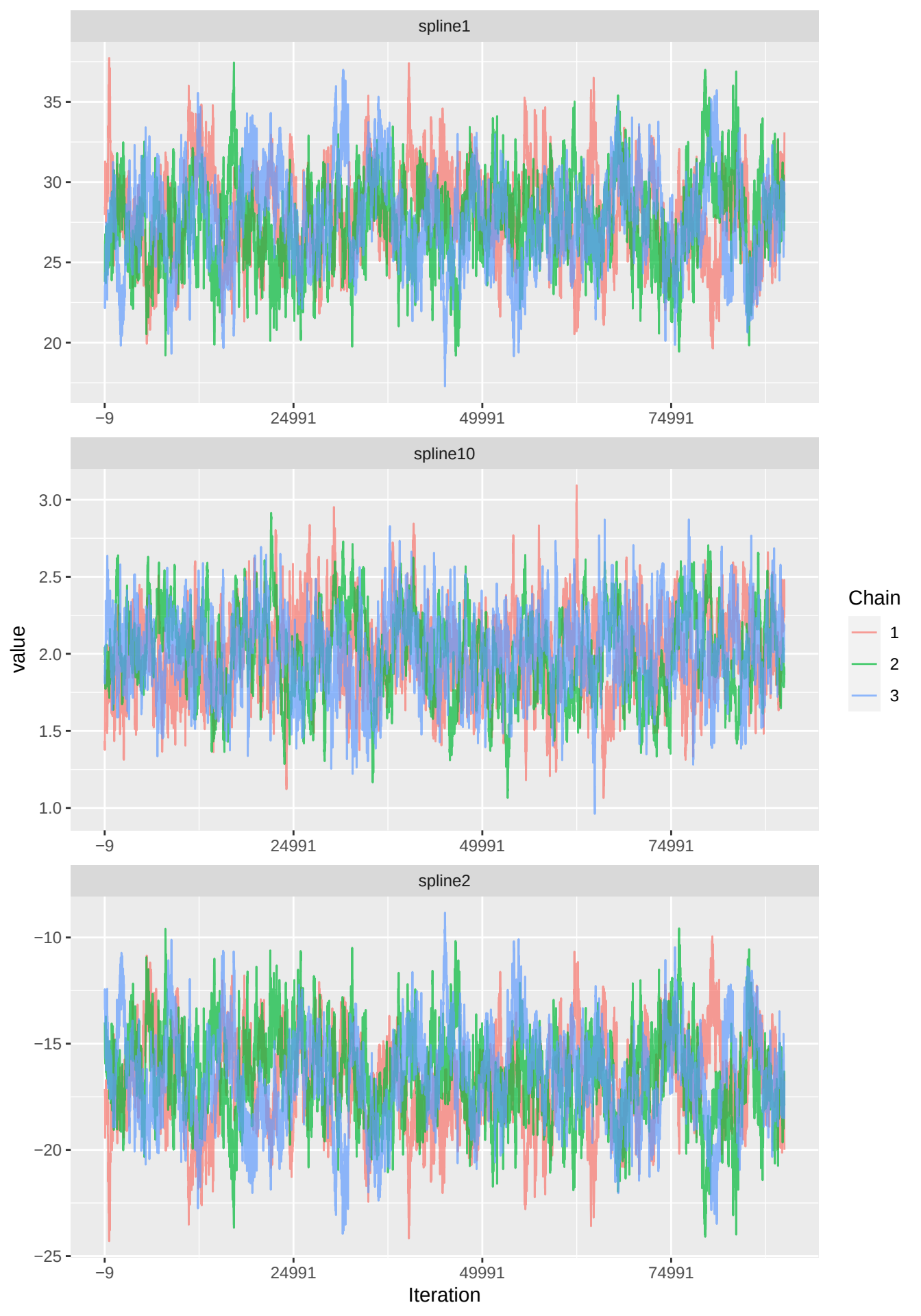

spline3
0.020
0.015
0.010
0.005
0.000
120
160
200
spline4
1.00
0.75
0.50
0.25
0.00
2
3
4
spline5
1.2
0.9
0.6
0.3
0.0
1.5
2.0
2.5
3.0
3.5
4.0
density
value
Chain
1
2
3

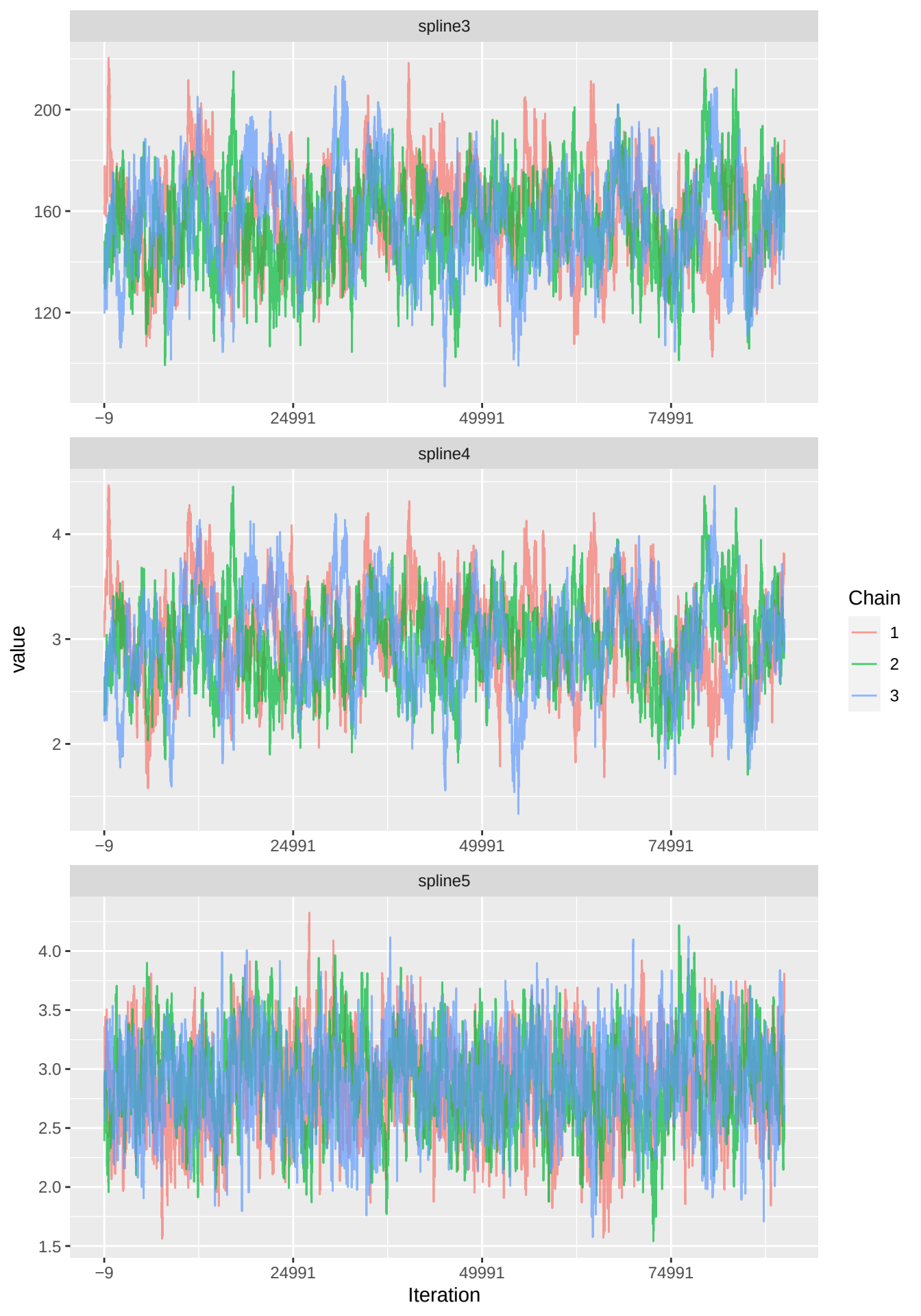

spline6
spline7
spline8
density
value
Chain
1
2
3
0.15
0.10
0.05
0.00
0.20
0.025
0.020
0.015
0.010
0.005
0.000
5
10
15
20
25
−15
−10
−5
40
80
120
160

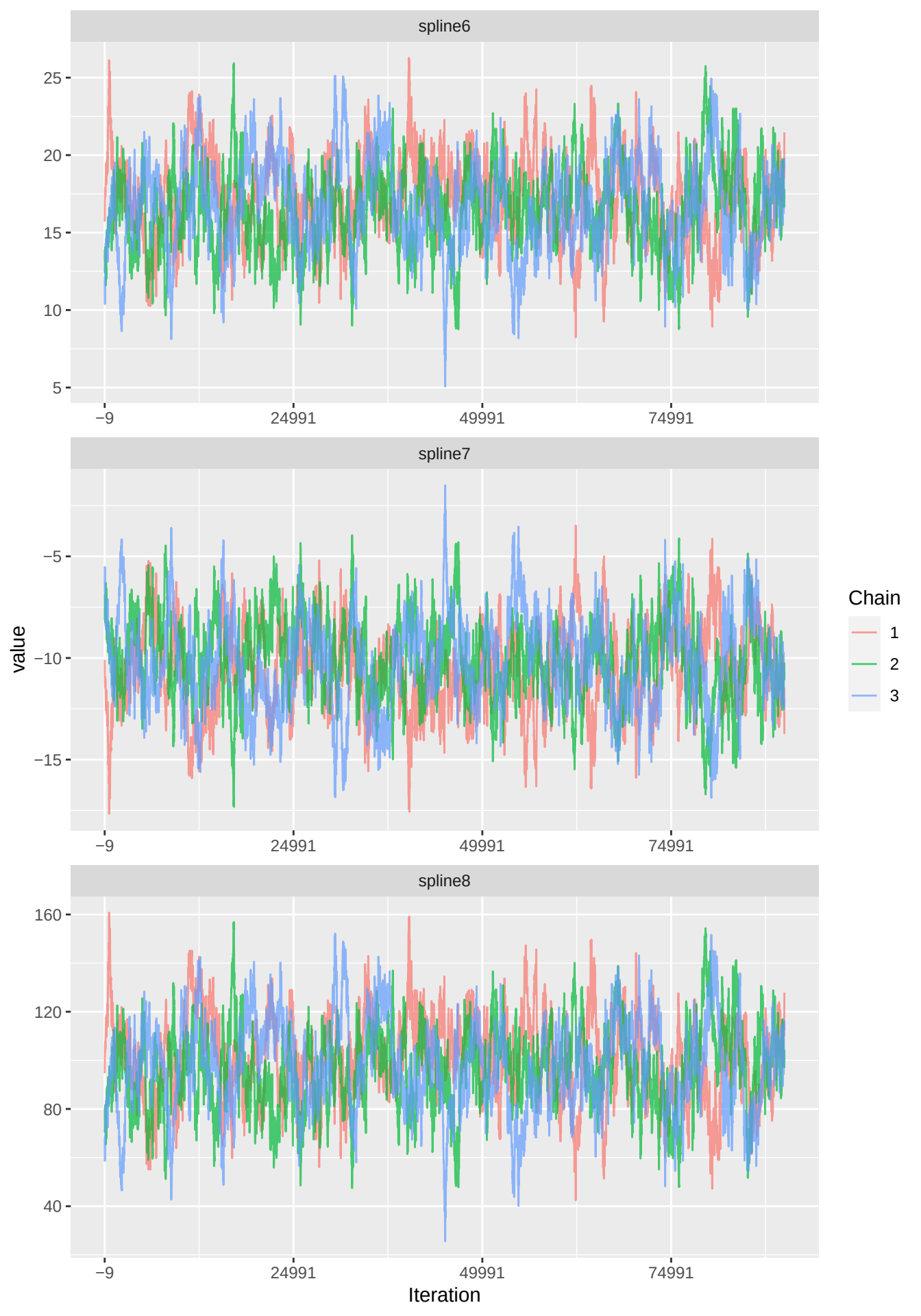

spline9
density
0.0
0.3
0.6
0.9
1
2
3
4
value
Chain
1
2
3

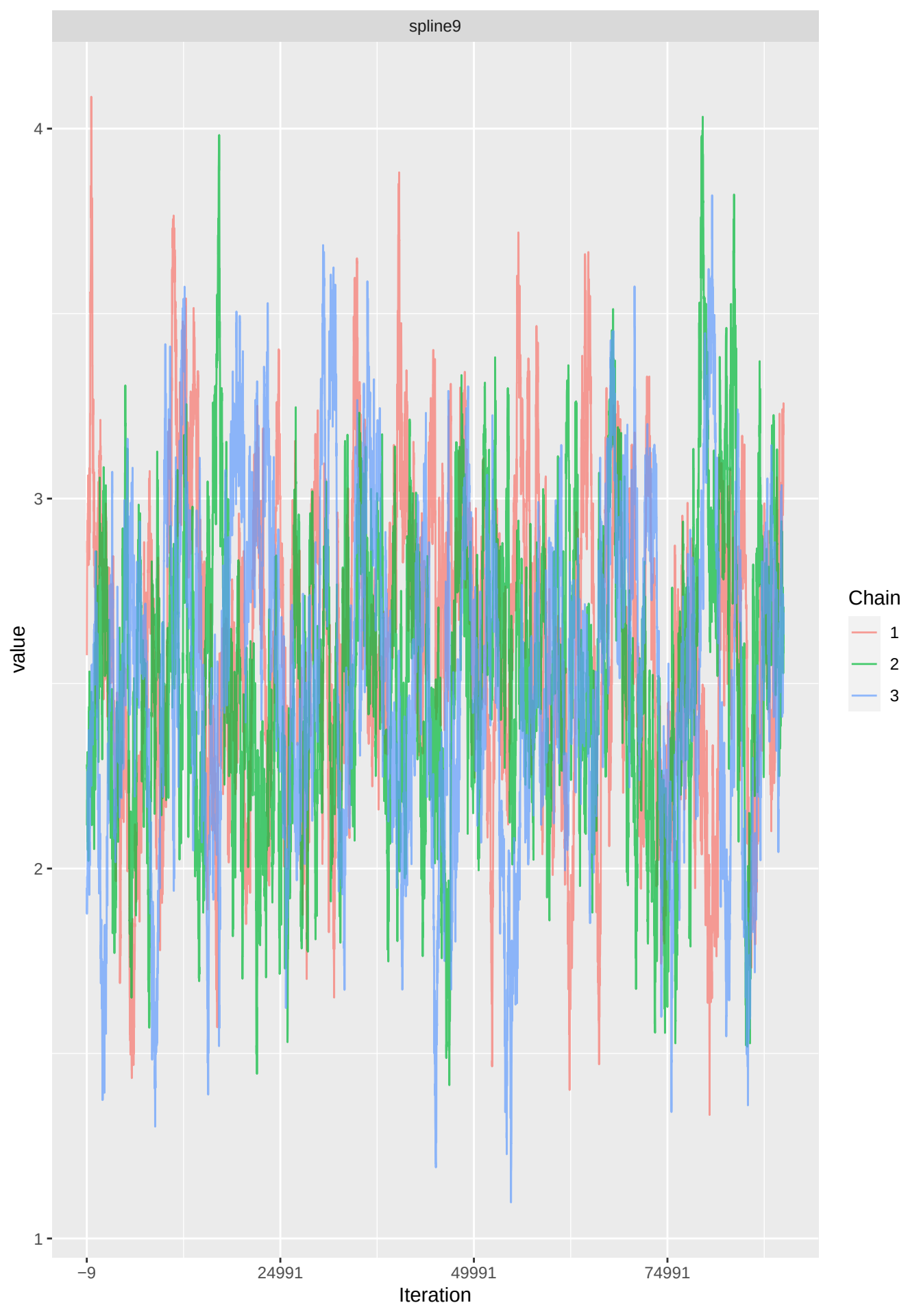

env.bio_16
1.2
0.8
0.4
−9
24991
49991
74991
env.bio_19
−0.2
−0.4
−0.6
−0.8
−9
24991
49991
74991
env.npp
0.4
0.3
0.2
−9
24991
49991
74991
value
Iteration
Chain
1
2
3

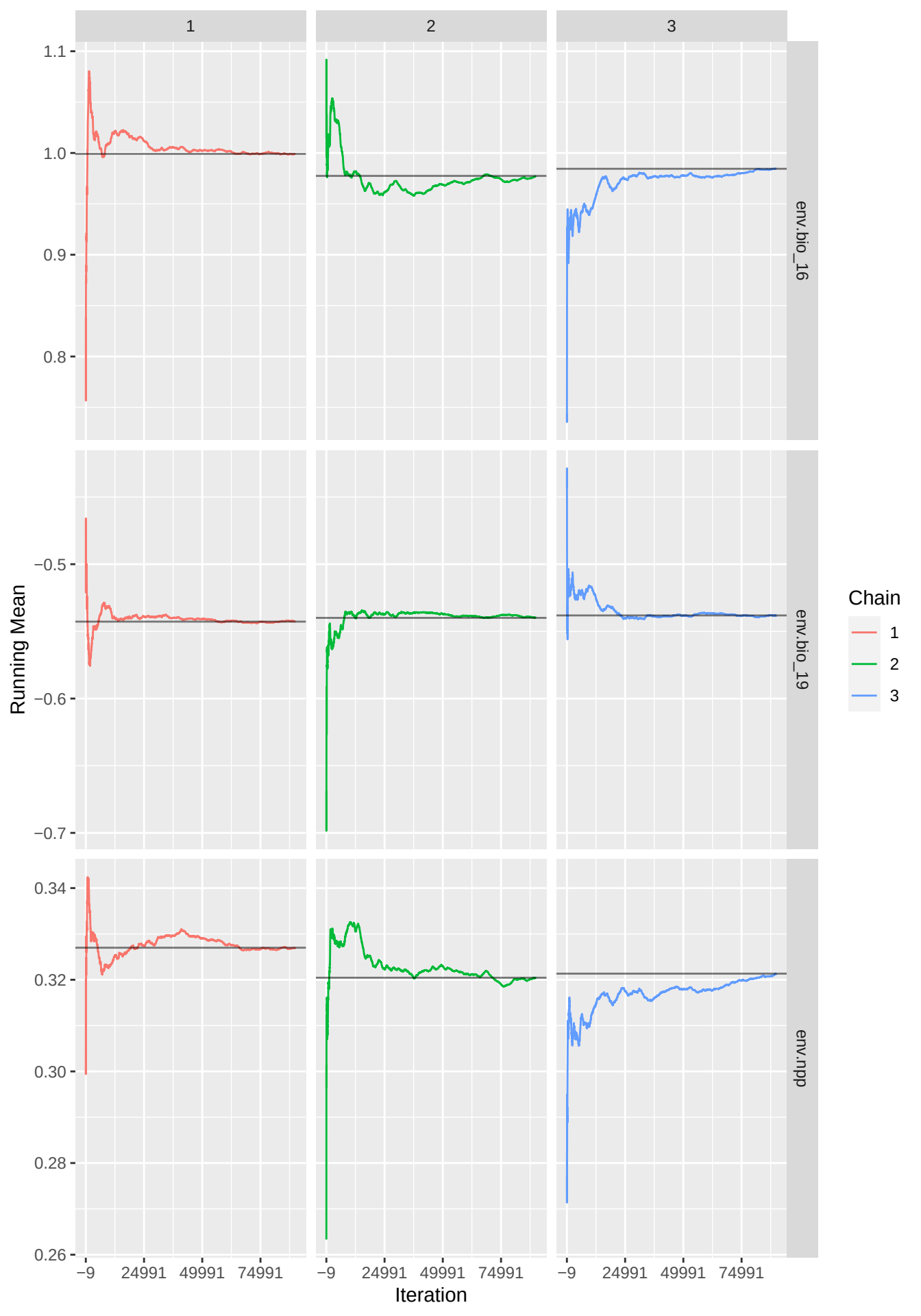

env.tree
0.0
−0.1
−0.2
−0.3
−0.4
−9
24991
49991
74991
expert
−50
−60
−70
−80
−90
value
Intercept
−16
−17
−18
−19
Iteration
Chain
1
2
3

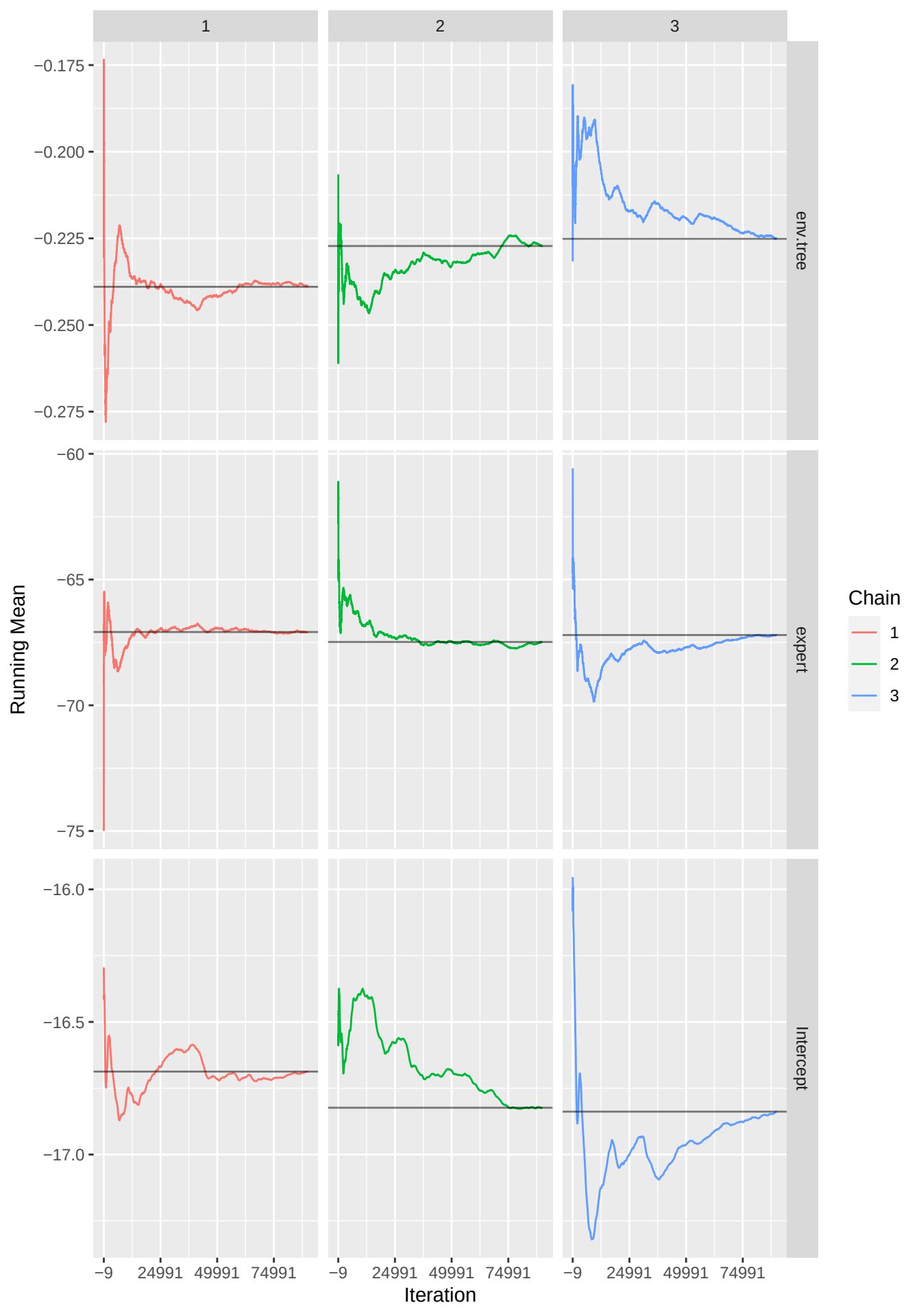

spline1
35
30
25
20
−9
24991
49991
74991
spline10
3.0
2.5
2.0
1.5
1.0
−9
24991
49991
74991
spline2
−10
−15
−20
−25
−9
24991
49991
74991
value
Iteration
Chain
1
2
3

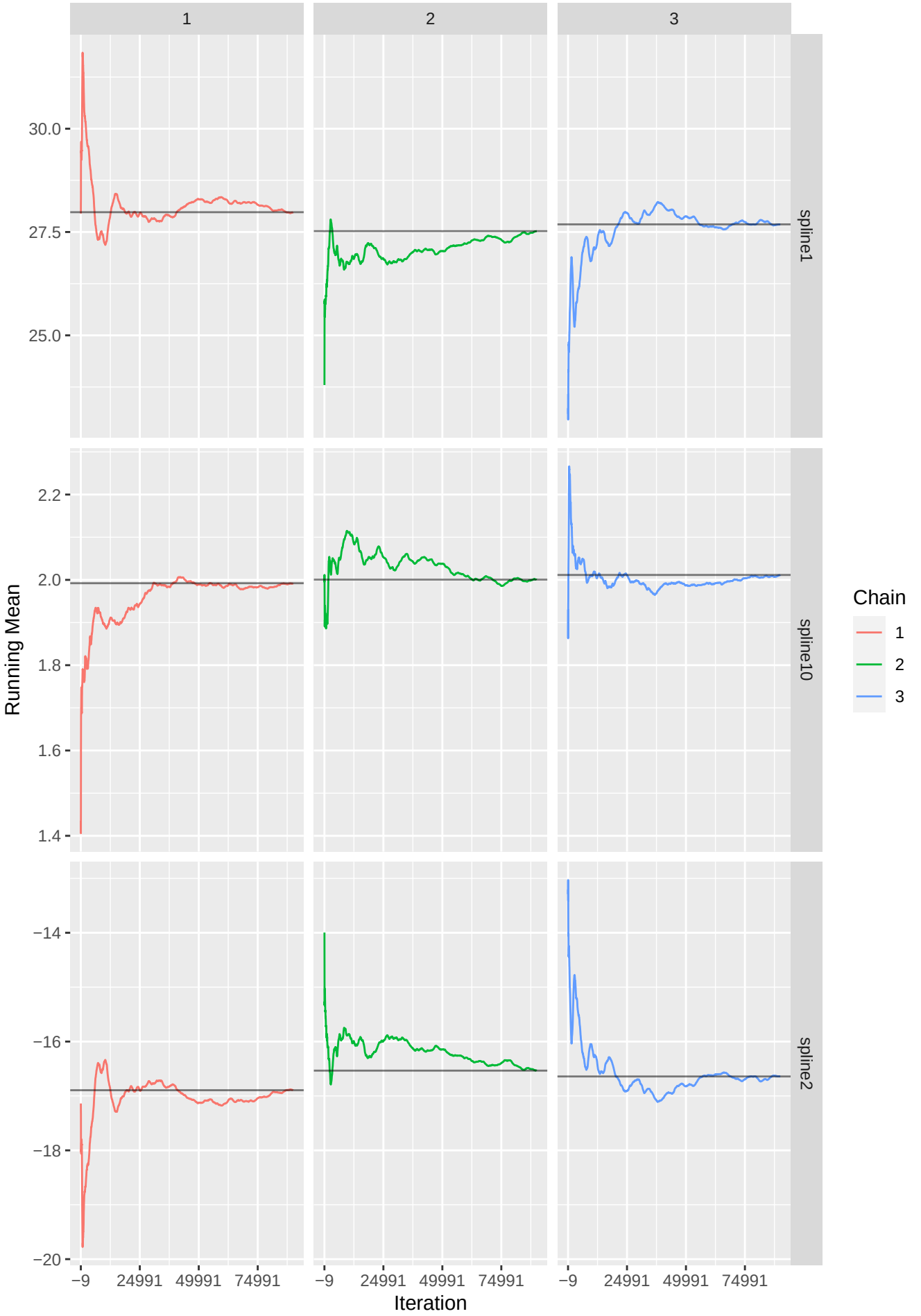

spline3
200
160
120
−9
24991
49991
74991
spline4
4
3
2
value
−9
24991
49991
74991
spline5
4.0
3.5
3.0
2.5
2.0
1.5
−9
24991
49991
74991
Iteration
Chain
1
2
3

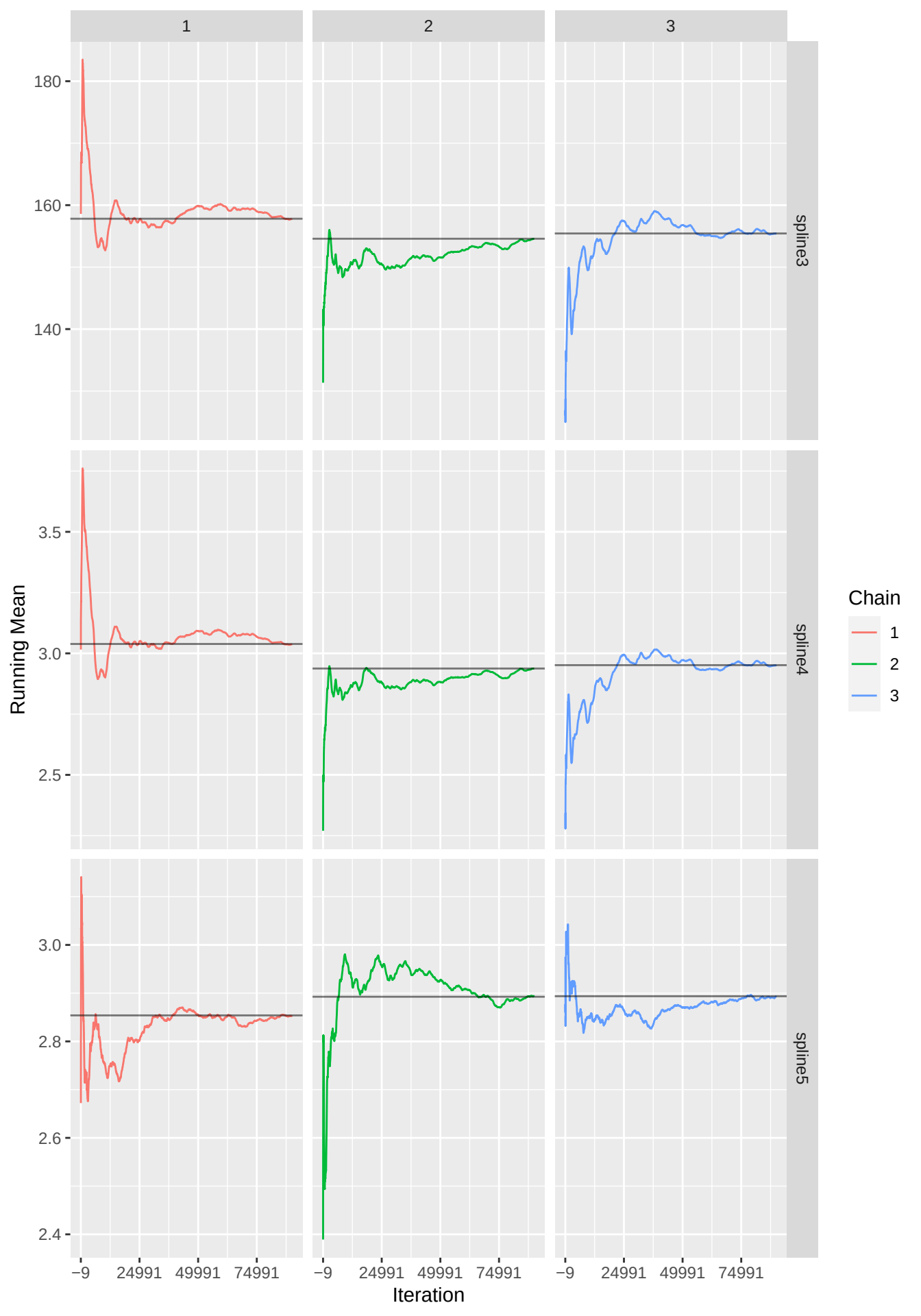

spline6
25
20
15
10
5
−9
24991
49991
74991
spline7
−5
−10
−15
−9
24991
49991
74991
spline8
160
120
80
40
−9
24991
49991
74991
value
Iteration
Chain
1
2
3

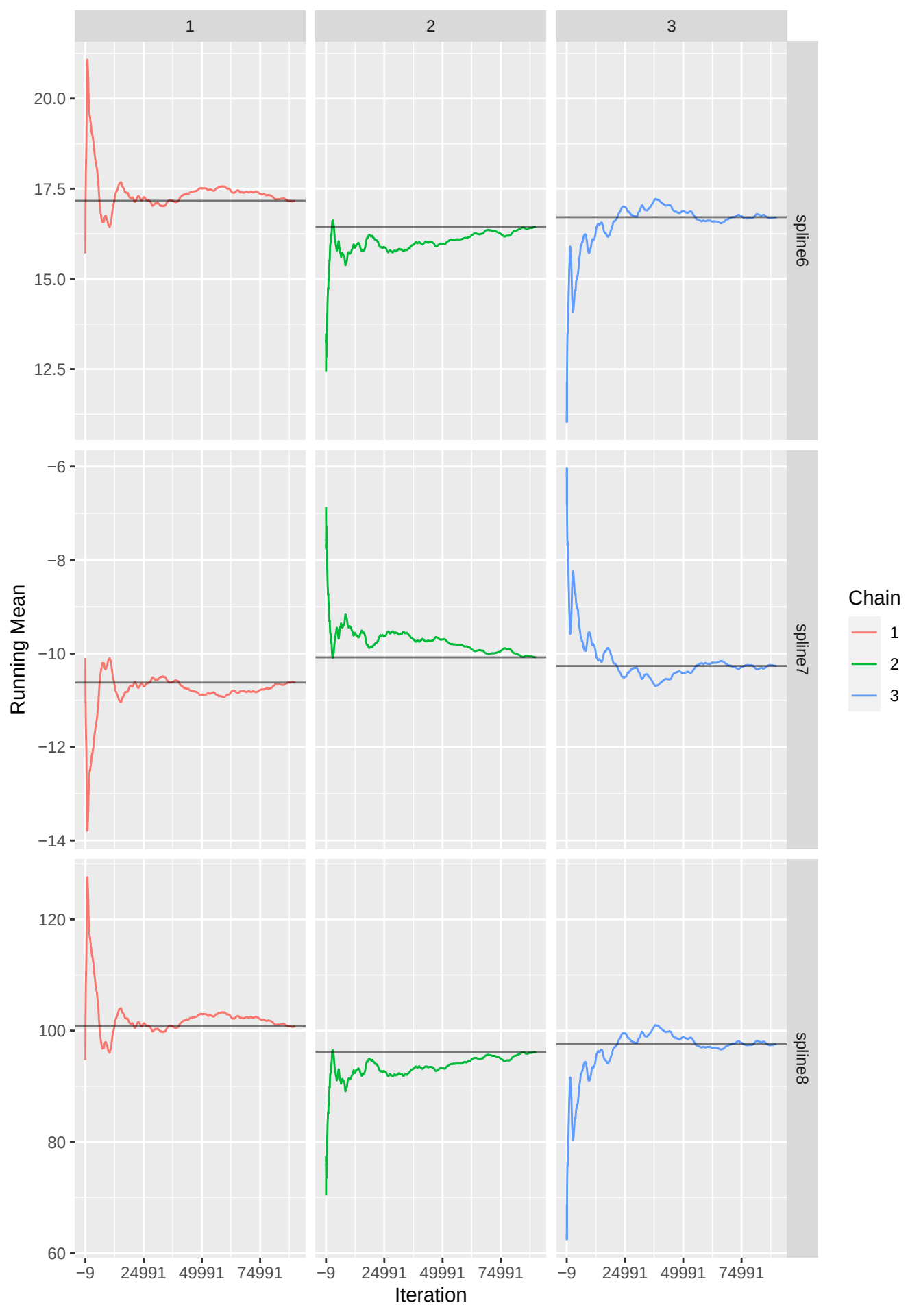

spline9
4
3
2
1
value
−9
24991
49991
74991
Iteration
Chain
1
2
3

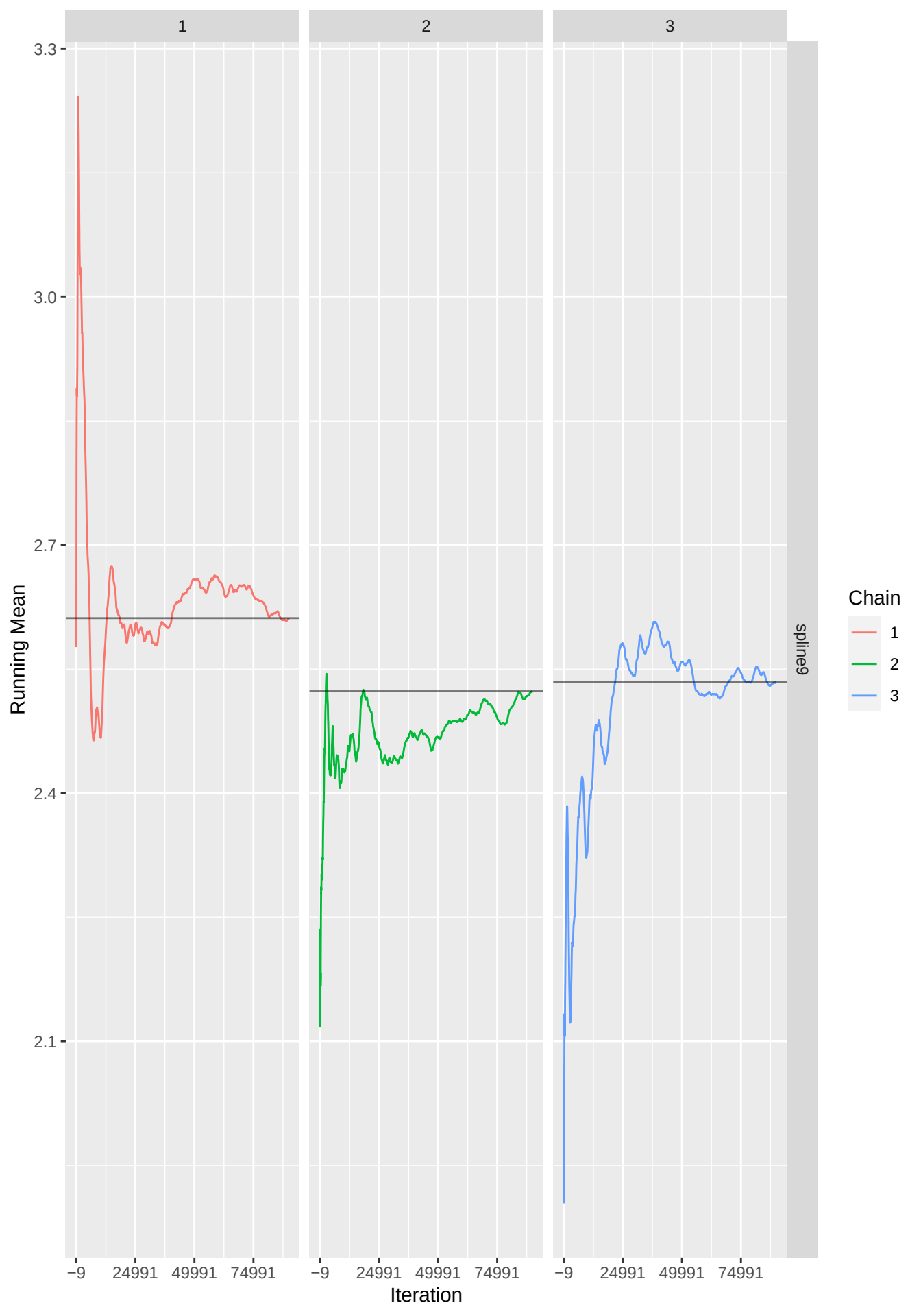

1
2
3
env.bio_16
env.bio_19
env.npp
Running Mean
Iteration
Chain
1
2
3
1.1
1.0
0.9
0.8
−0.5
−0.6
−0.7
0.34
0.32
0.30
0.28
0.26
−9
24991
49991
74991

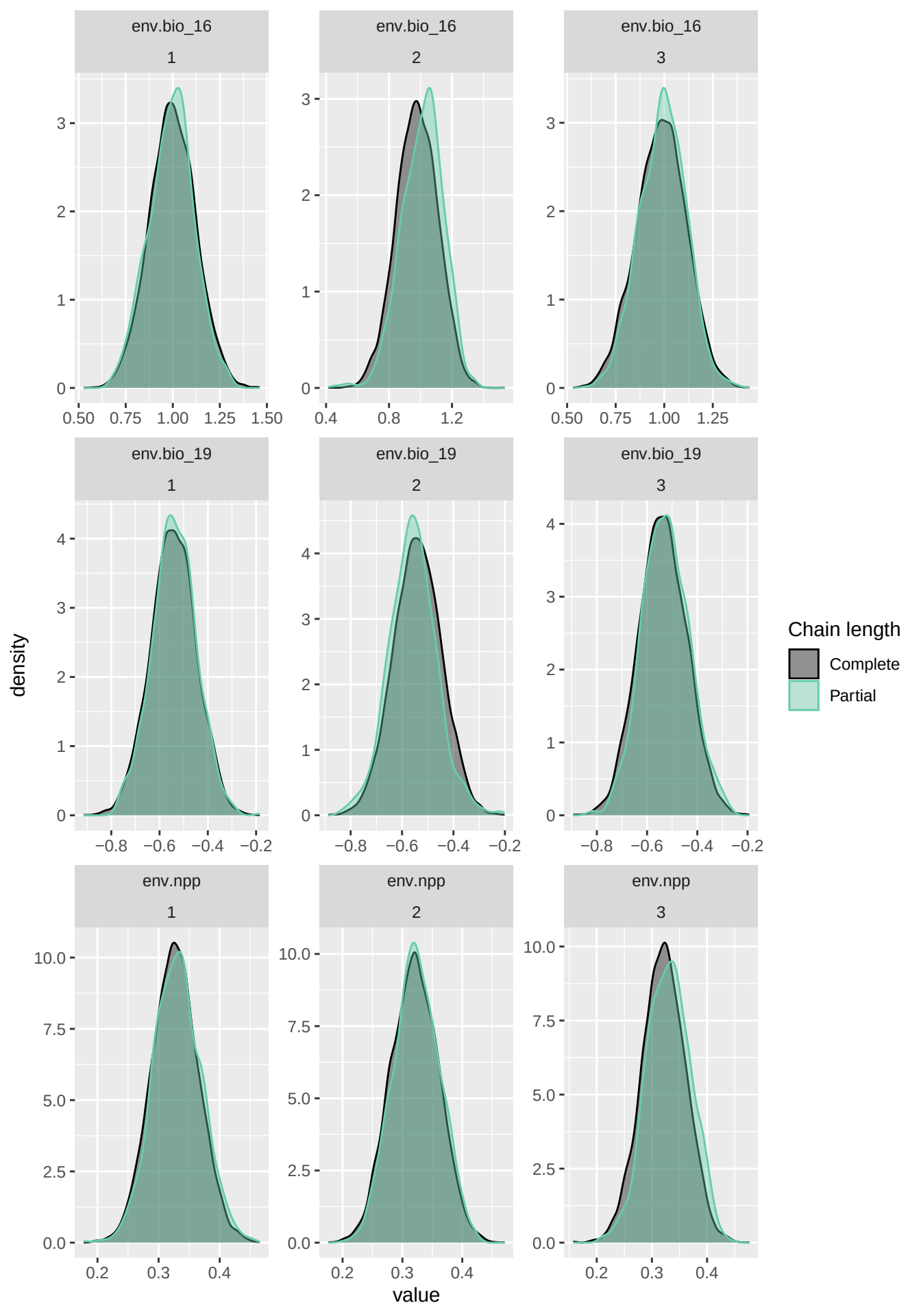

1
2
3
env.tree
expert
Intercept
−0.175
−0.200
−0.225
−0.250
−0.275
−60
−65
−70
−75
−16.0
−16.5
−17.0
−9
24991
49991
74991
Running Mean
Iteration
Chain
1
2
3

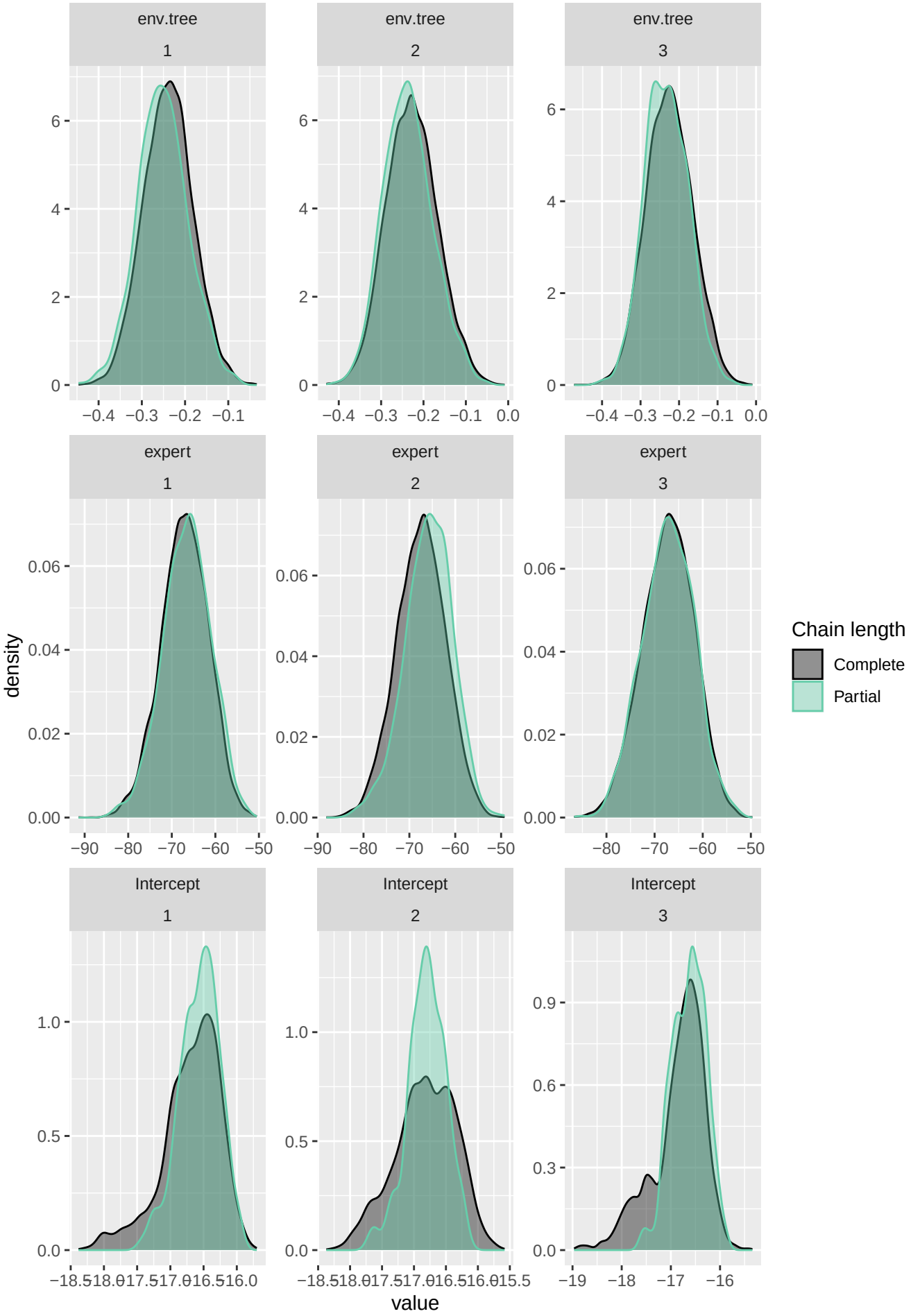

1
2
3
spline1
spline10
spline2
Running Mean
Iteration
Chain
1
2
3
30.0
27.5
25.0
2.2
2.0
1.8
1.6
1.4
−14
−16
−18
−20
−9
24991
49991
74991

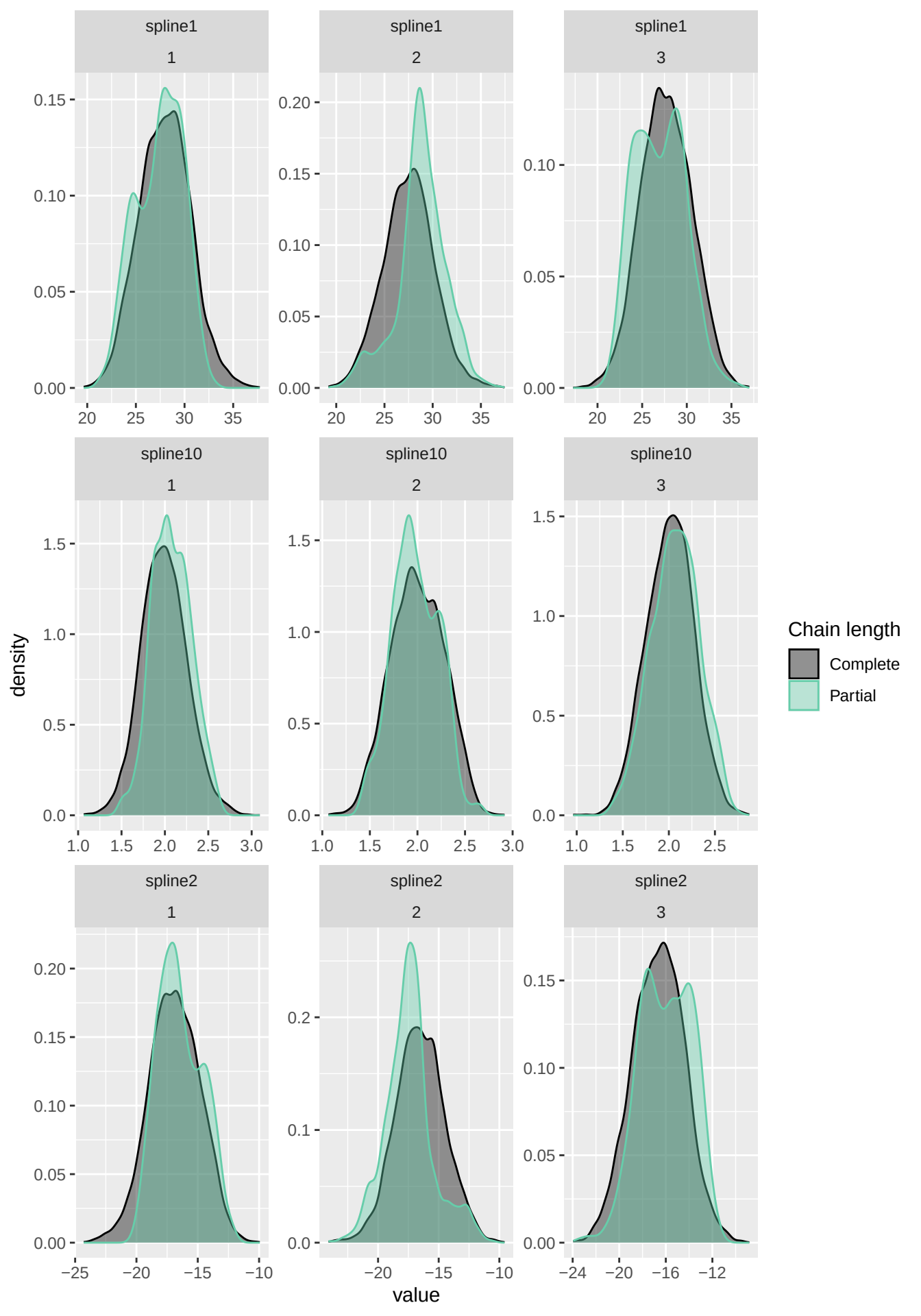

1
2
3
spline3
spline4
spline5
180
160
140
3.5
3.0
2.5
3.0
2.8
2.6
2.4
Running Mean
−9
24991
49991
74991
Iteration
Chain
1
2
3

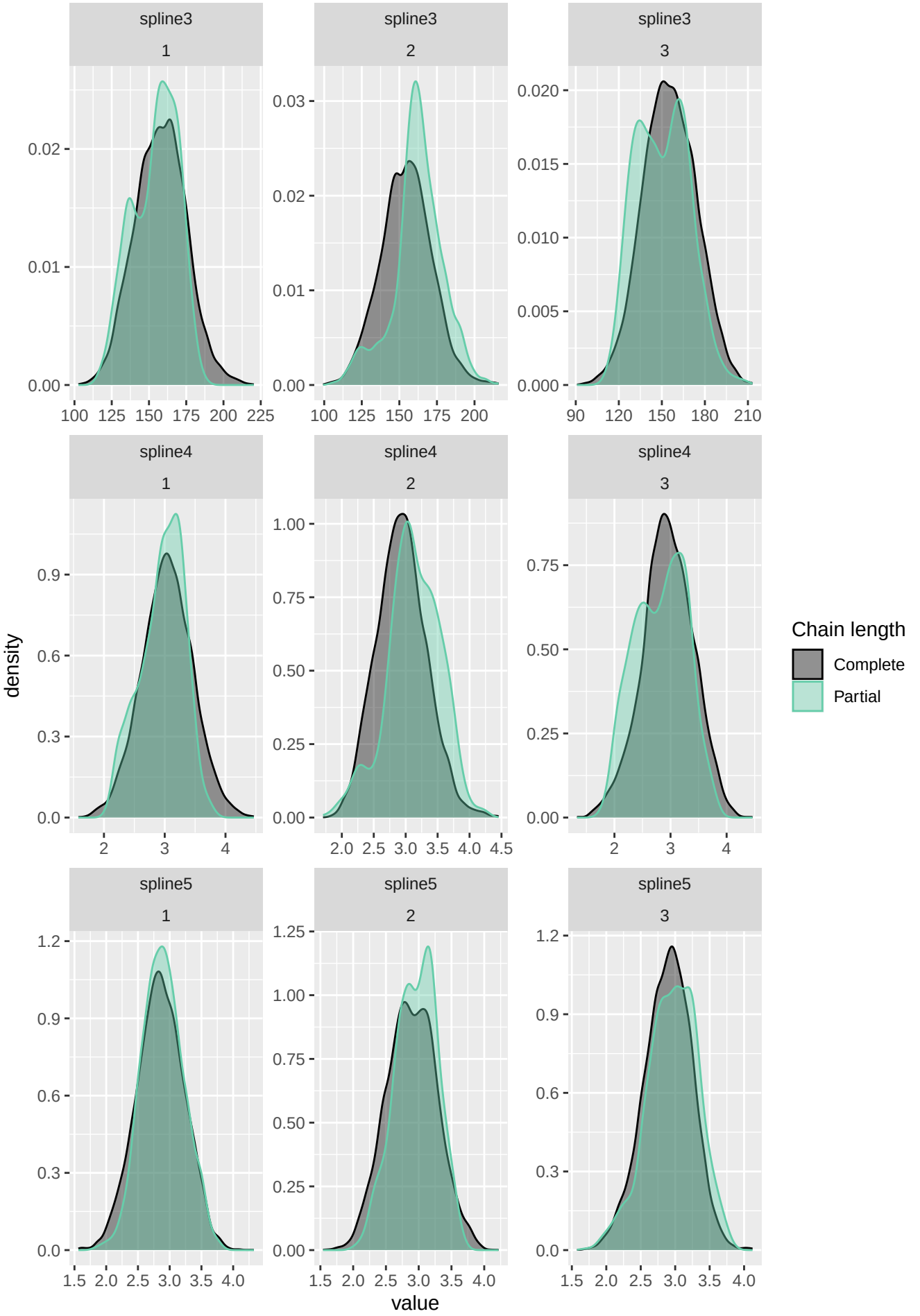

1
2
3
spline6
spline7
spline8
Running Mean
Iteration
Chain
1
2
3
20.0
17.5
15.0
12.5
−6
−8
−10
−12
−14
120
100
80
60
−9
24991
49991
74991

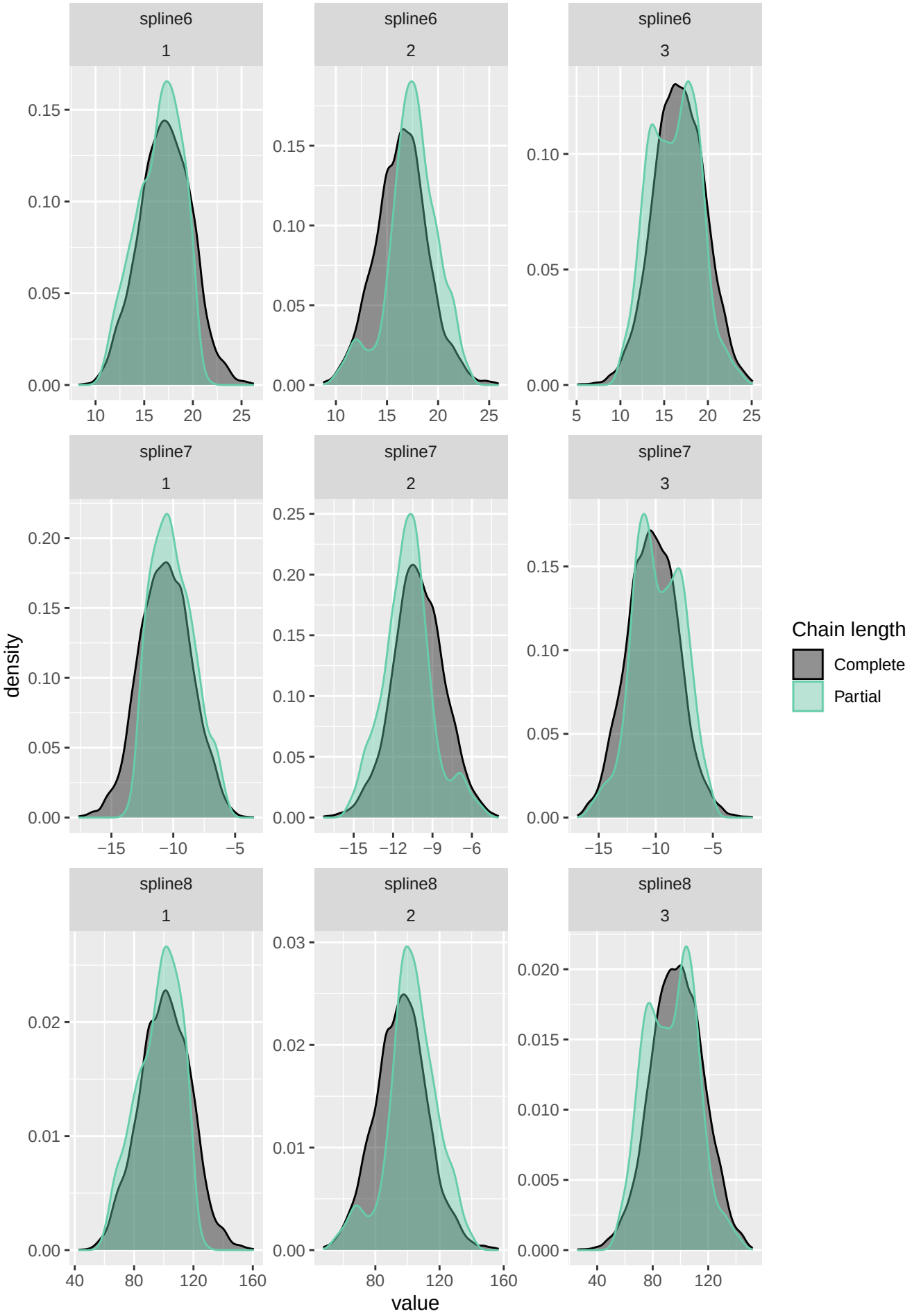

1
2
3
3.3
3.0
2.7
2.4
2.1
Running Mean
−9
24991
49991
74991
Iteration
spline9
Chain
1
2
3

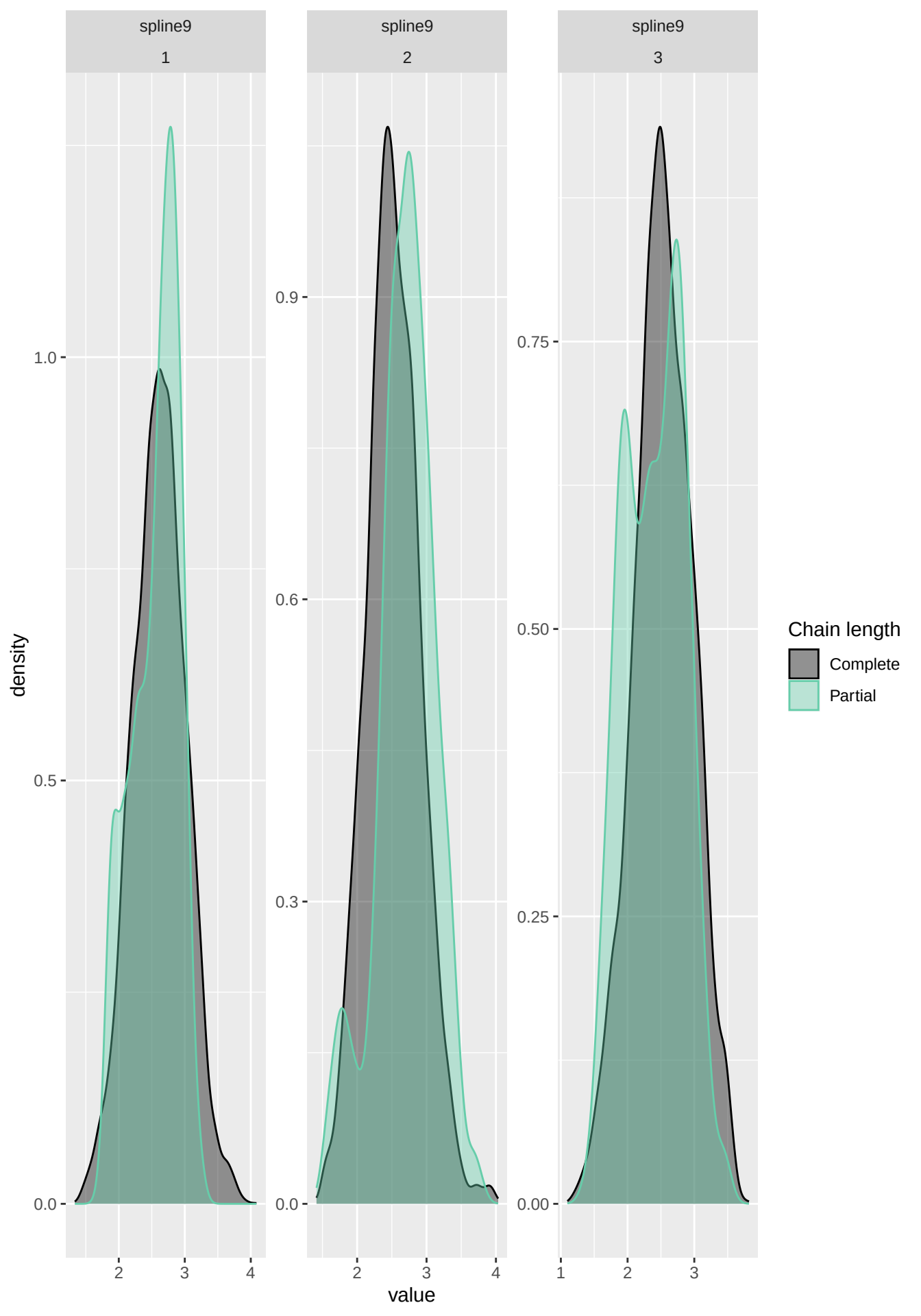

env.bio_16
1
2
3
env.bio_19
env.npp
density
value
Chain length
Complete
Partial

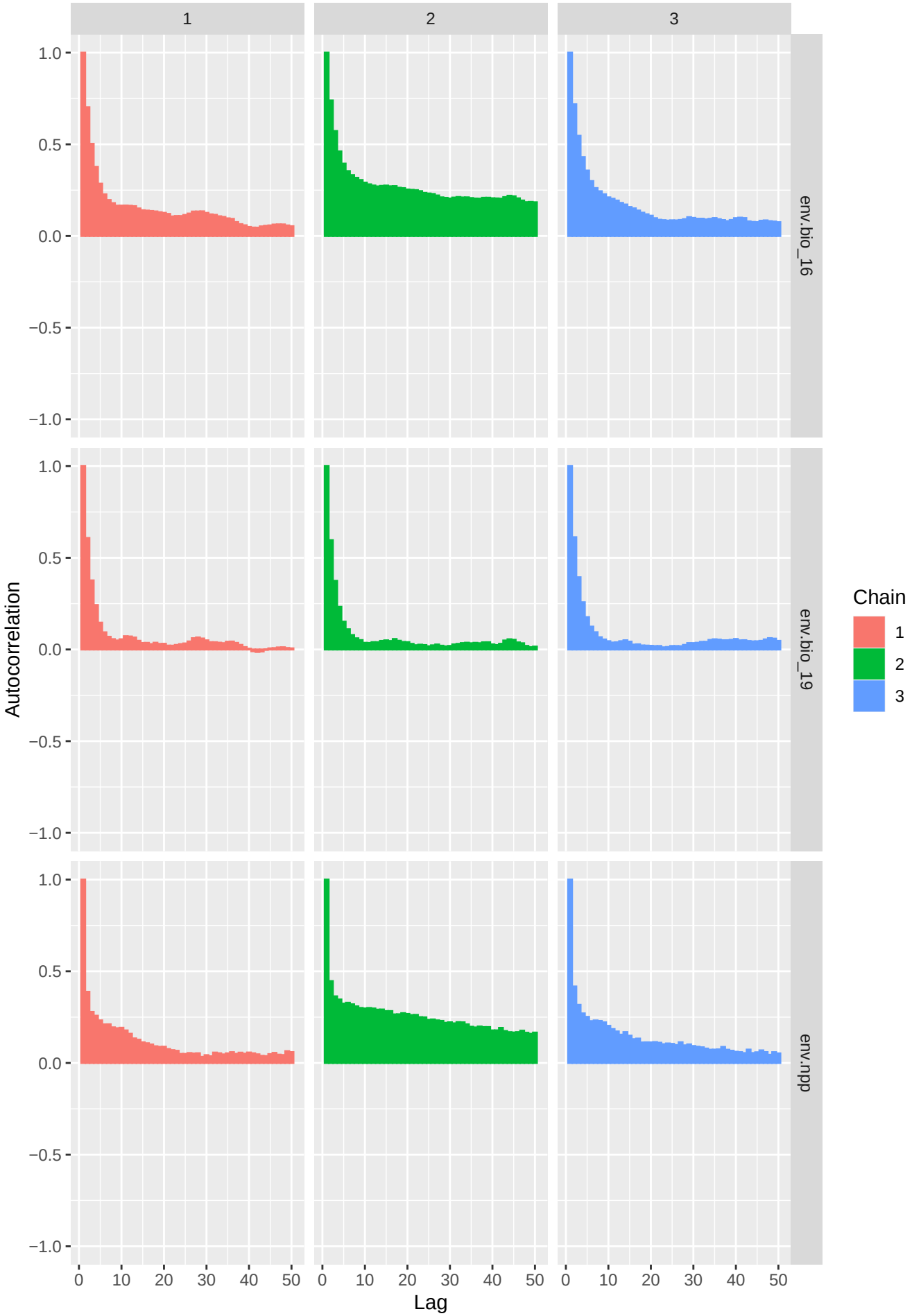

env.tree
1
env.tree
2
env.tree
3
expert
1
expert
2
expert
3
Intercept
1
Intercept
2
Intercept
3
density
value
Chain length
Complete
Partial

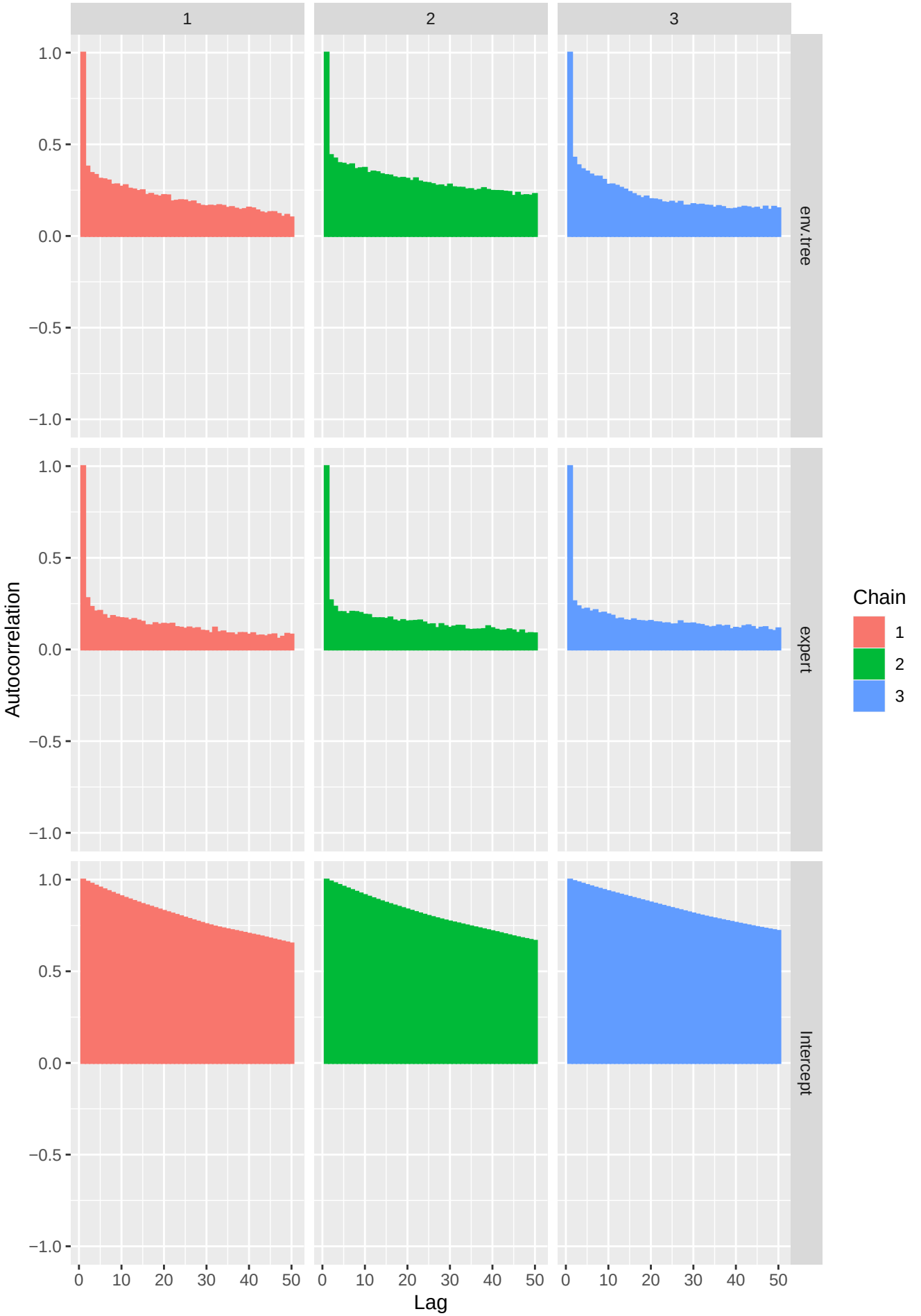

spline1
1
spline1
2
spline1
3
spline10
1
spline10
2
spline10
3
spline2
1
spline2
2
spline2
3
density
value
Chain length
Complete
Partial

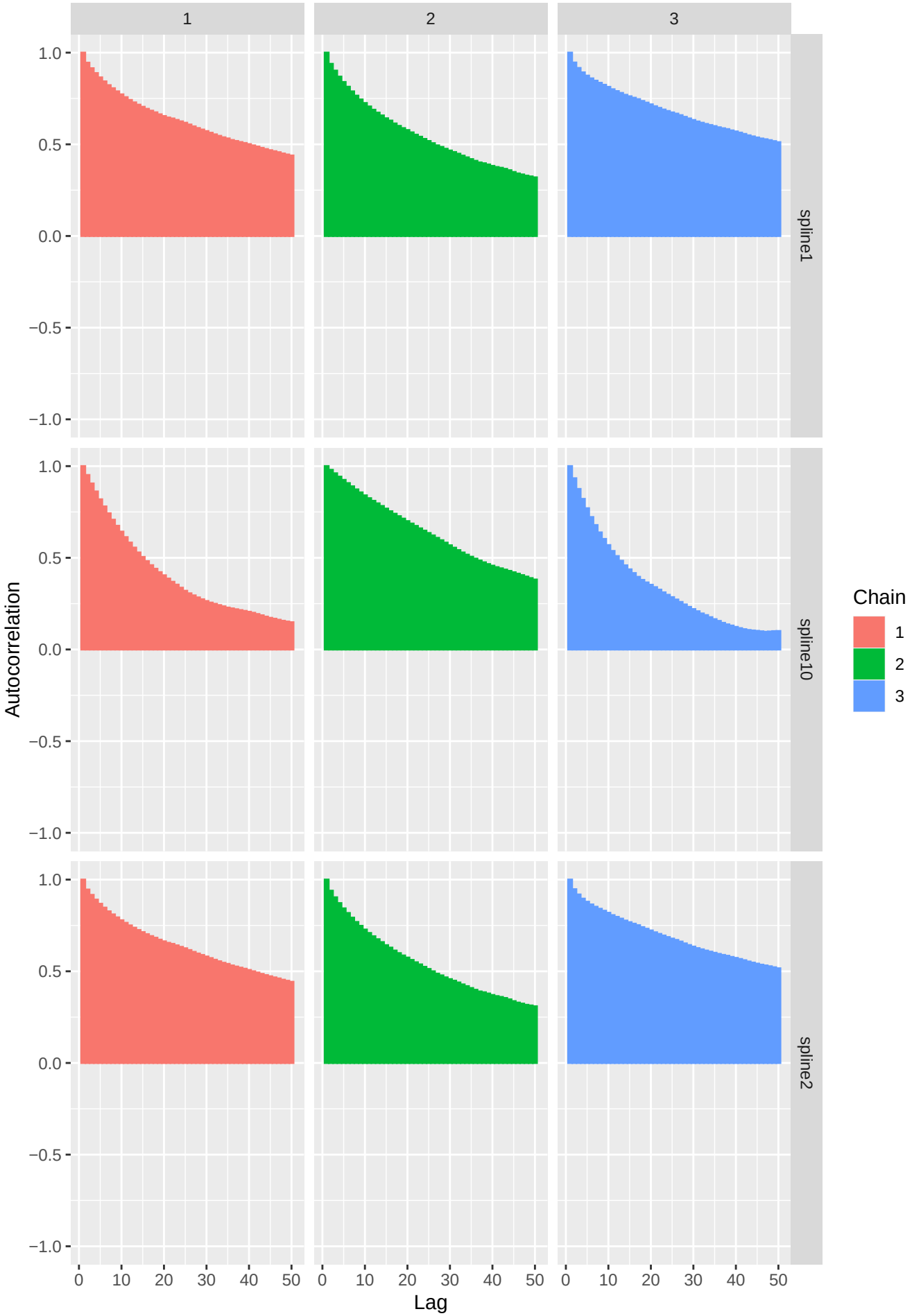

spline3
1
spline3
2
spline3
3
spline4
1
spline4
2
spline4
3
spline5
1
spline5
2
spline5
3
density
value
Chain length
Complete
Partial

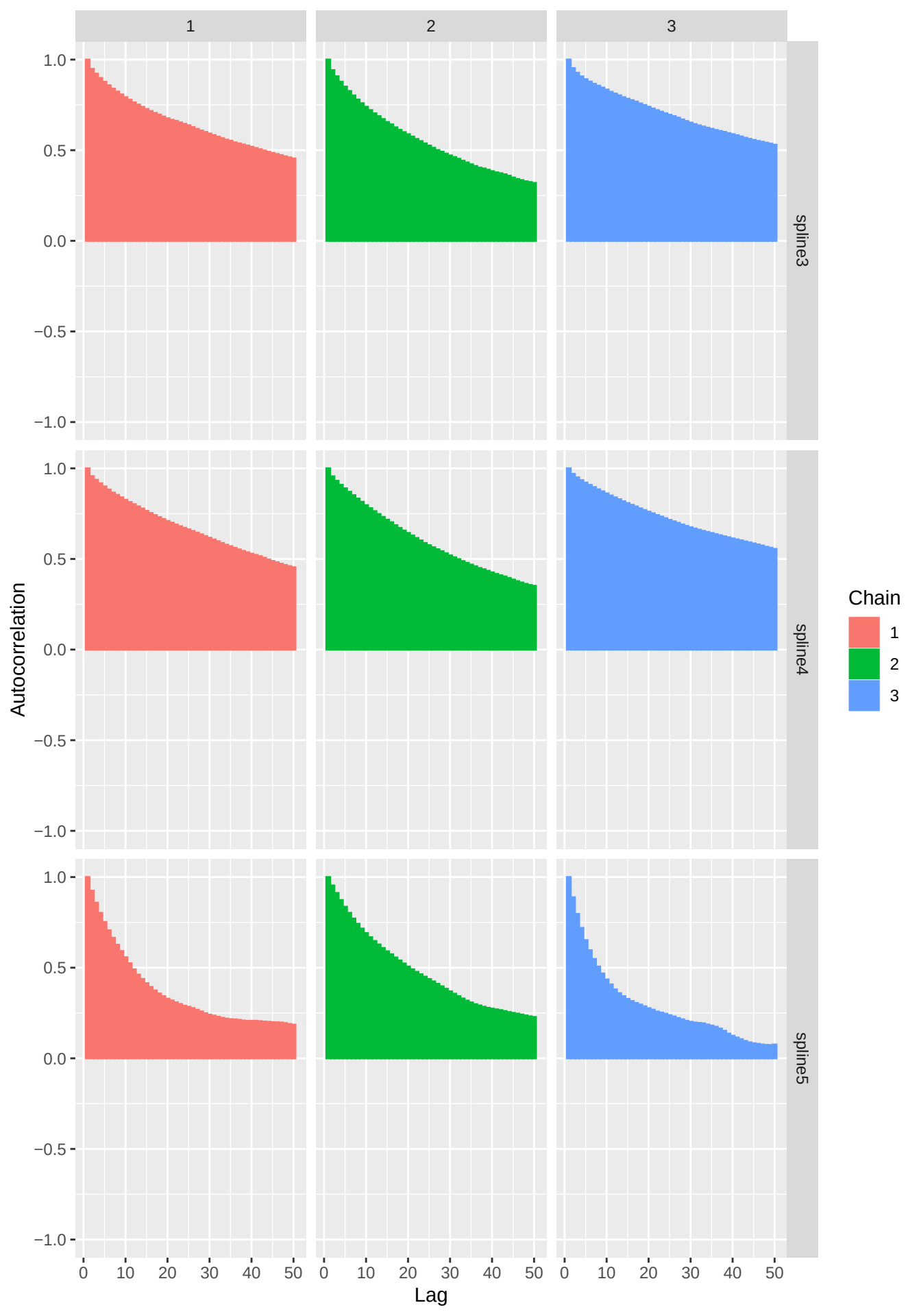

spline6
1
spline6
2
spline6
3
spline7
1
spline7
2
spline7
3
spline8
1
spline8
2
spline8
3
density
value
Chain length
Complete
Partial

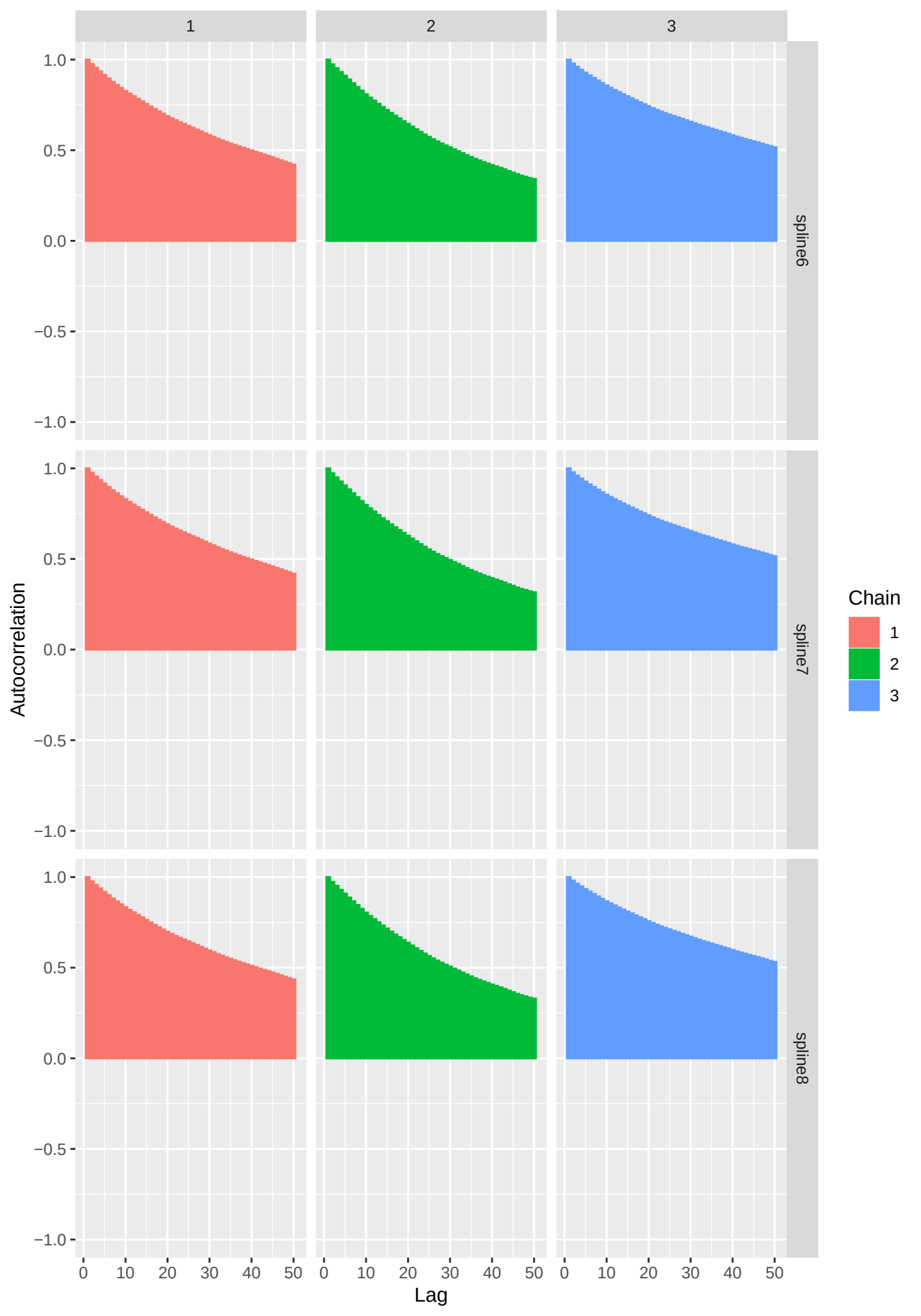

spline9
1
spline9
2
spline9
3
density
1.0
0.5
0.0
0.9
0.6
0.3
0.0
0.75
0.50
0.25
0.00
2
3
4
1
2
3
value
Chain length
Complete
Partial


1
2
3
env.bio_16
env.bio_19
env.npp
Autocorrelation
Lag
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Chain
1
2
3

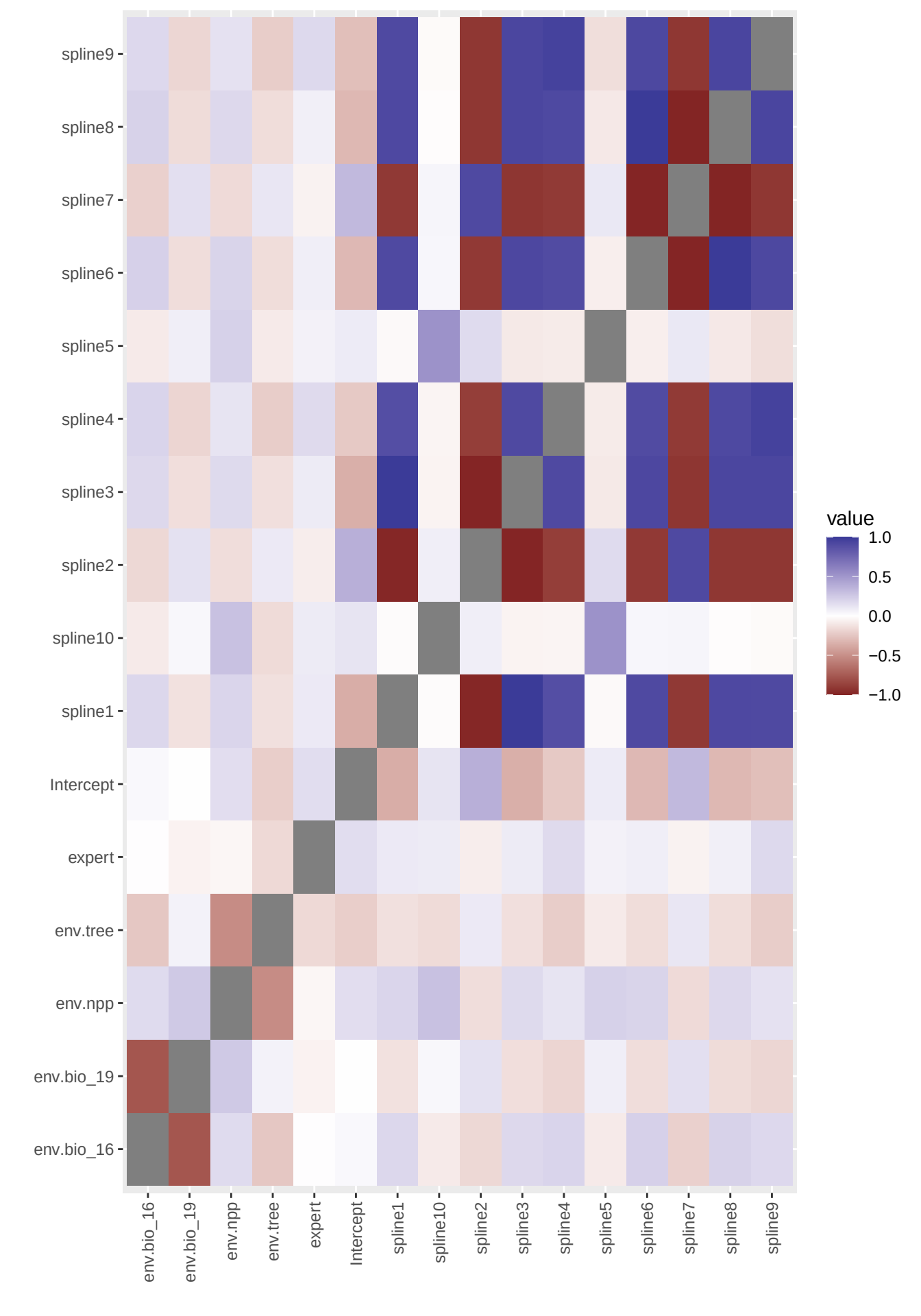

1
2
3
env.tree
expert
Intercept
Autocorrelation
Lag
Chain
1
2
3
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50

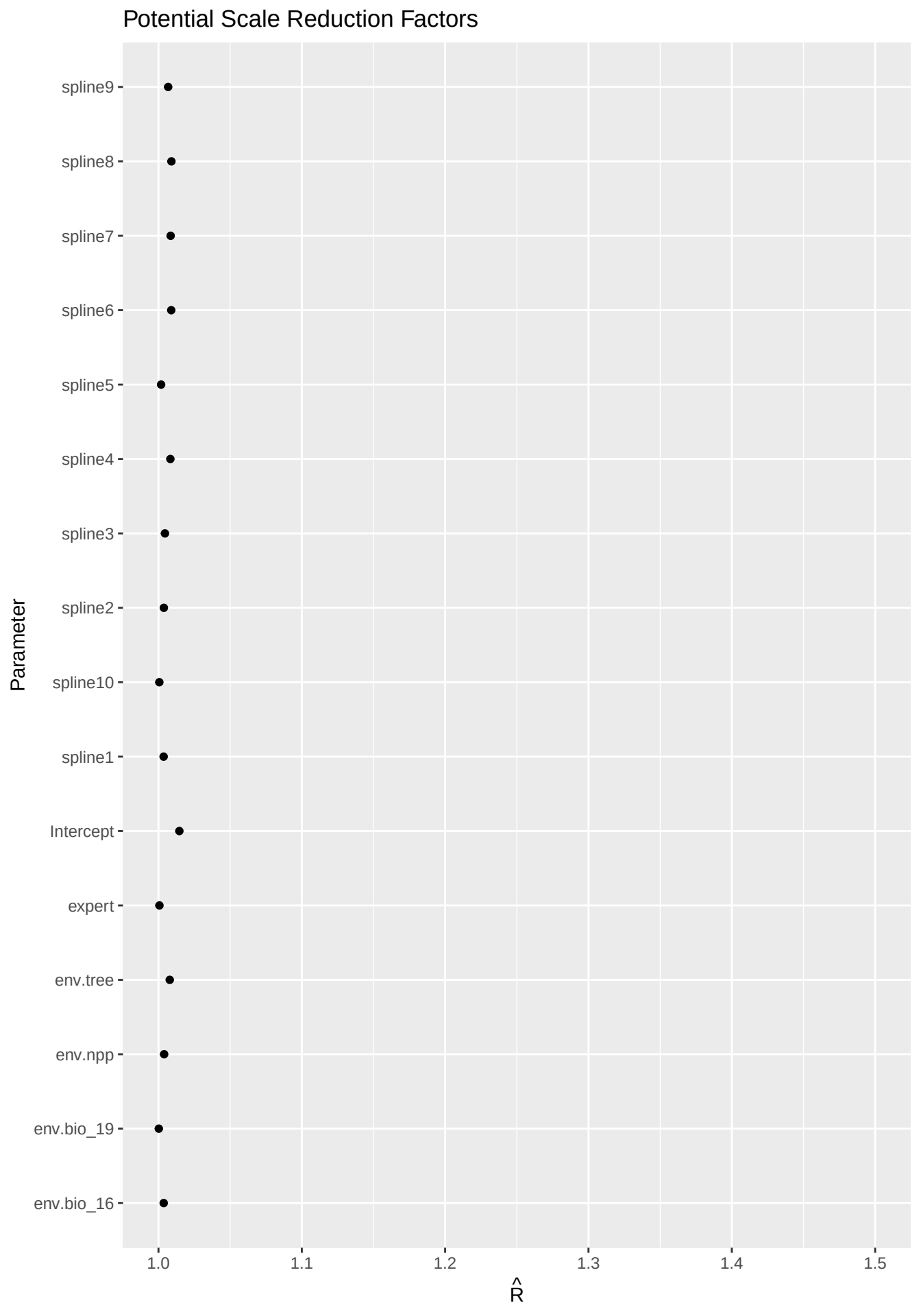

1
2
3
spline1
spline10
spline2
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3

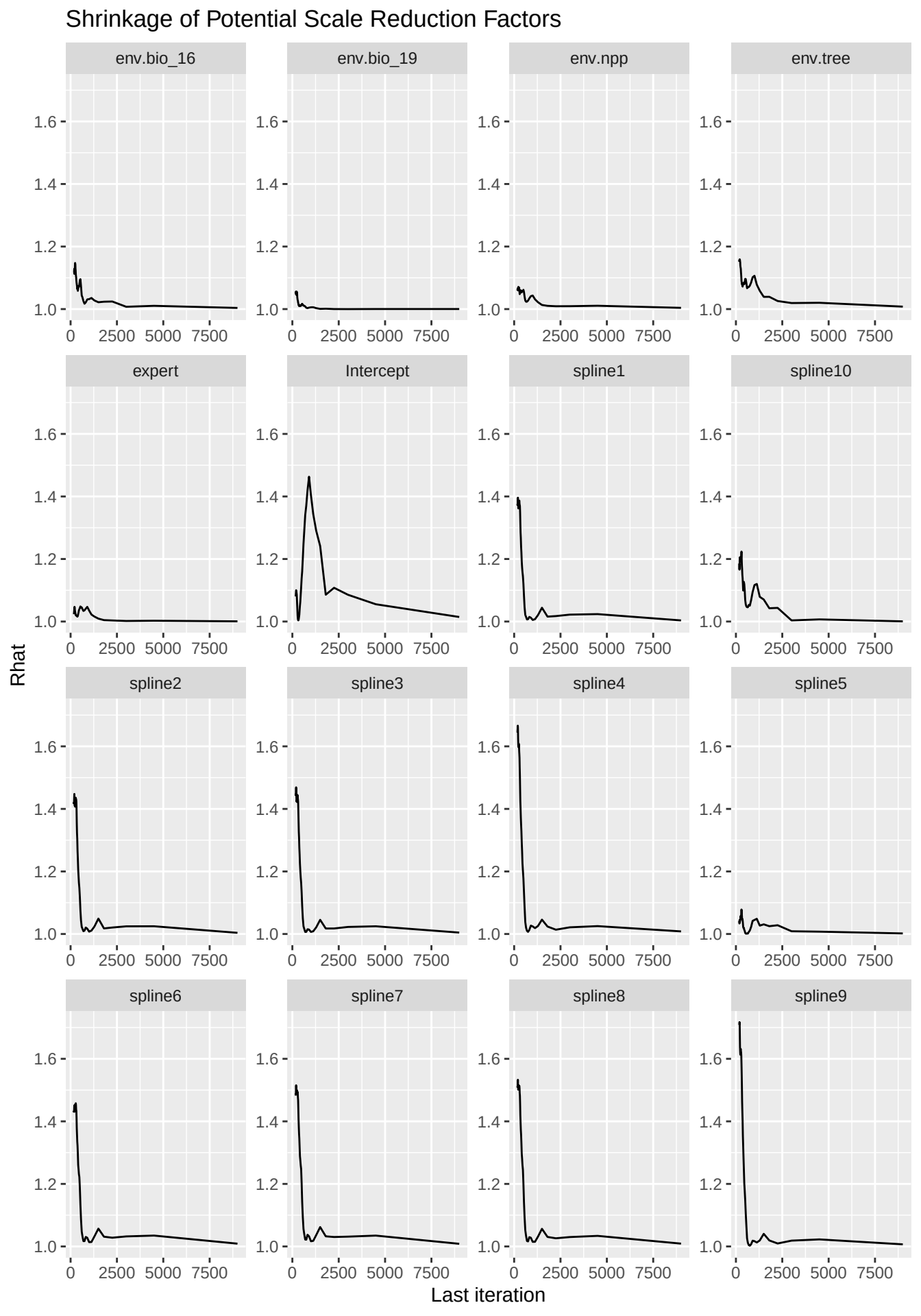

1
2
3
spline3
spline4
spline5
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3

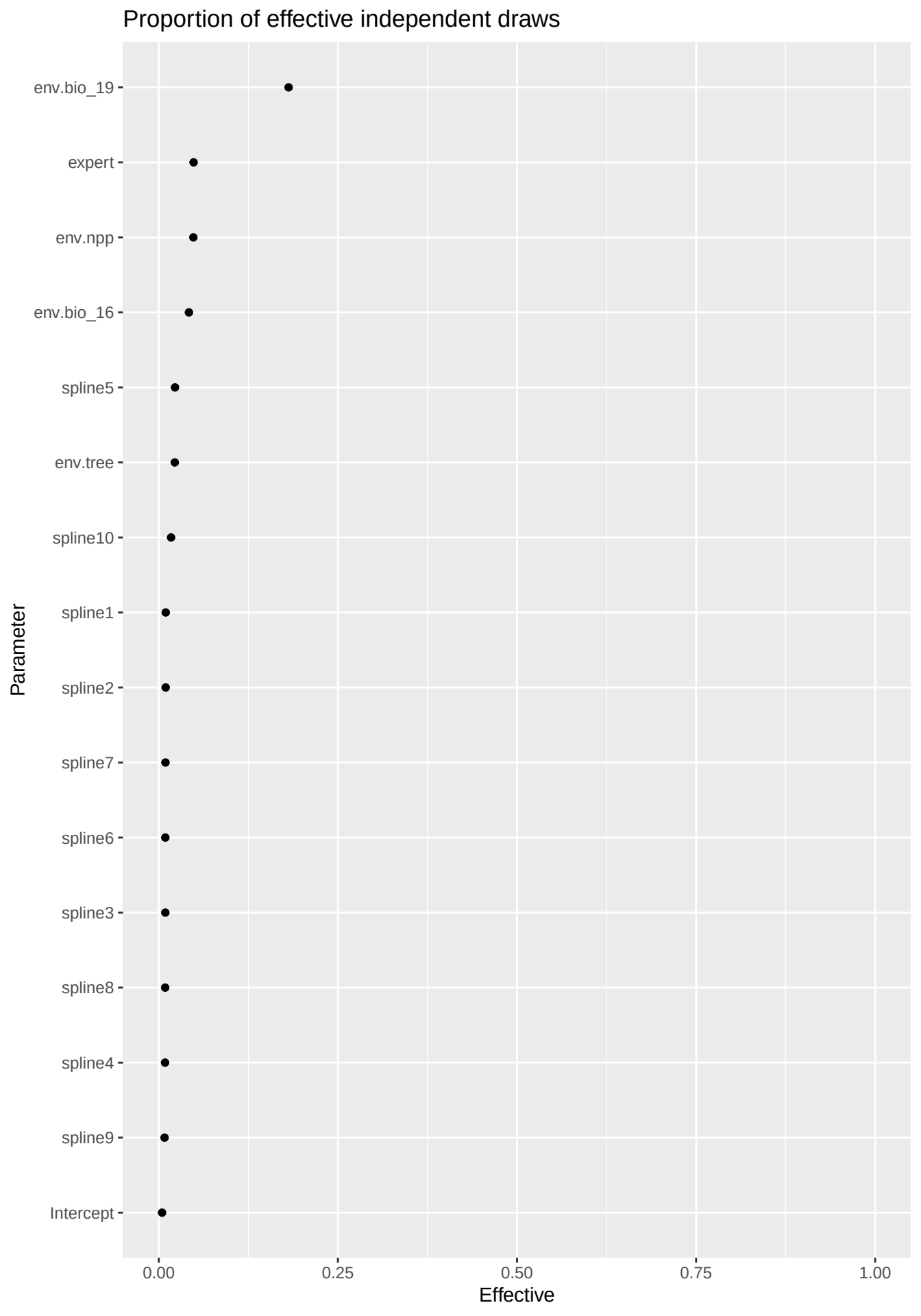

1
2
3
spline6
spline7
spline8
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3

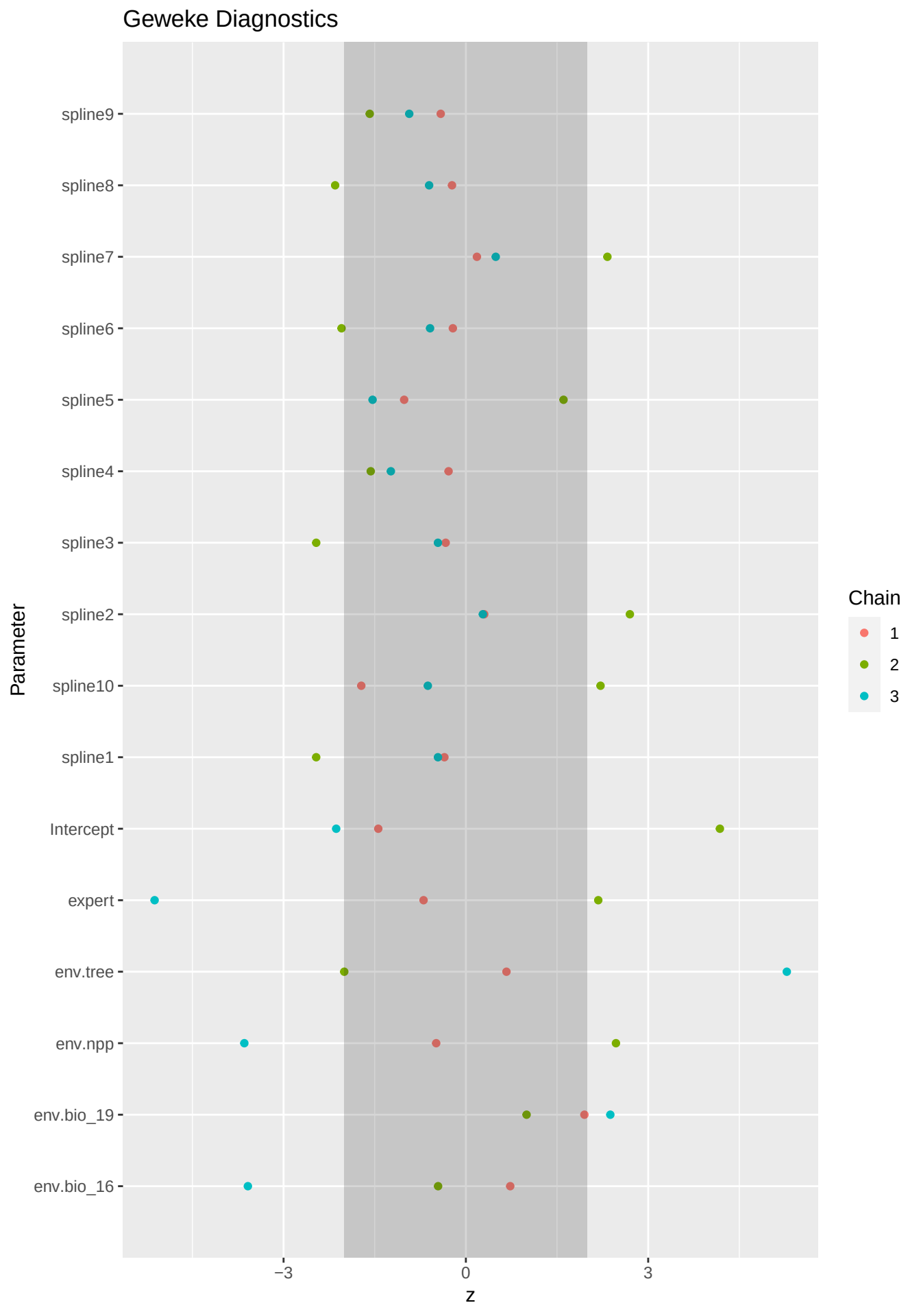

1
2
3
1.0
0.5
0.0
−0.5
−1.0
Autocorrelation
0
10
20
30
40
50
Lag
spline9
Chain
1
2
3

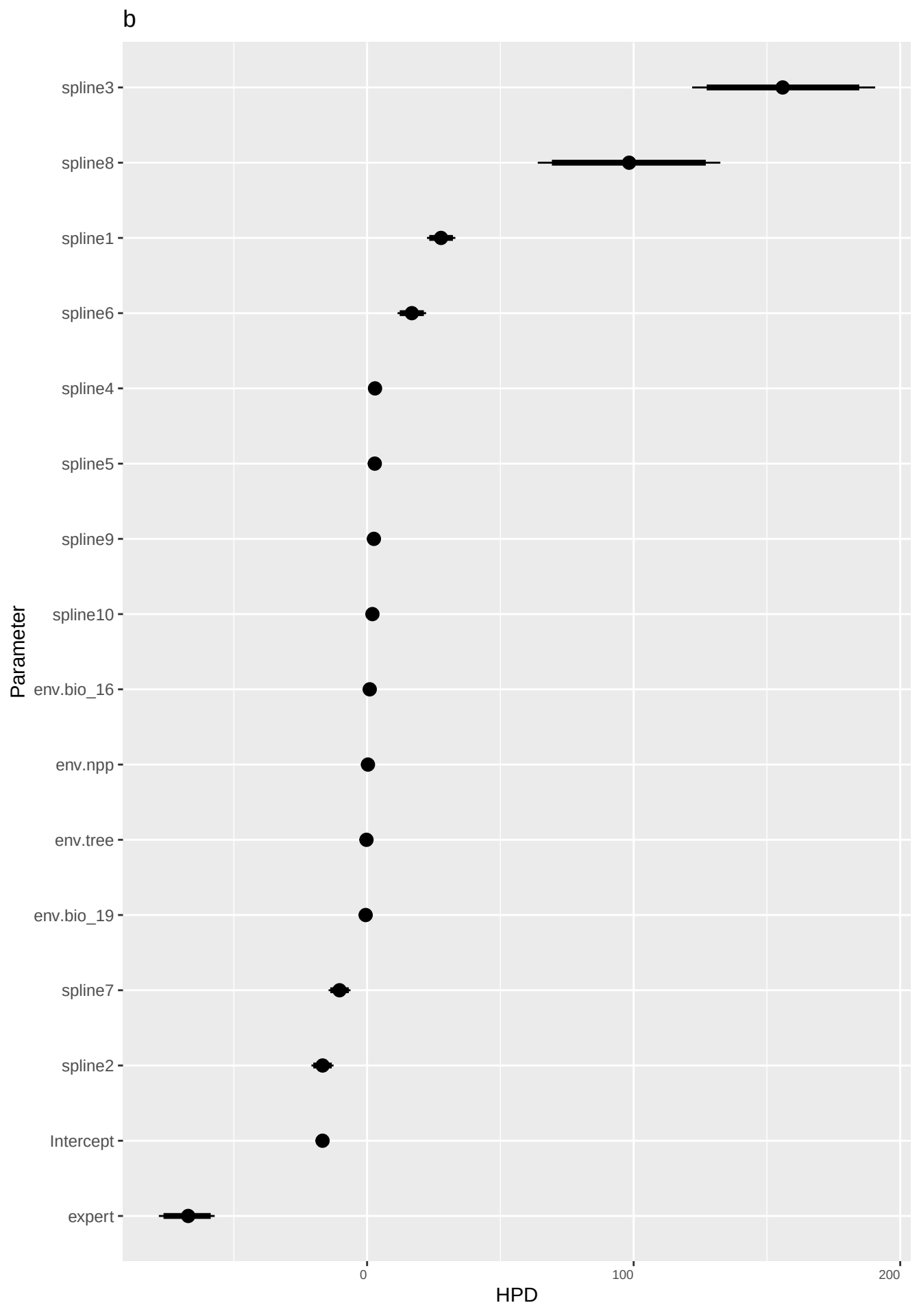

spline9
spline8
spline7
spline6
spline5
spline4
spline3
spline2
spline10
spline1
Intercept
expert
env.tree
env.npp
env.bio_19
env.bio_16
env.bio_16
env.bio_19
env.npp
env.tree
expert
Intercept
spline1
spline10
spline2
spline3
spline4
spline5
spline6
spline7
spline8
spline9
value
1.0
0.5
0.0
−0.5
−1.0


Potential Scale Reduction Factors
spline9
spline8
spline7
spline6
spline5
spline4
spline3
spline2
spline10
spline1
Intercept
expert
env.tree
env.npp
env.bio_19
env.bio_16
Parameter
1.0
1.1
1.2
1.3
1.4
1.5
R̂


Shrinkage of Potential Scale Reduction Factors
env.bio_16
env.bio_19
env.npp
env.tree
expert
Intercept
spline1
spline10
spline2
spline3
spline4
spline5
spline6
spline7
spline8
spline9
Rhat
Last iteration
1.0
1.2
1.4
1.6
0
2500
5000
7500


Proportion of effective independent draws
env.bio_19
expert
env.npp
env.bio_16
spline5
env.tree
spline10
spline1
spline2
spline7
spline6
spline3
spline8
spline4
spline9
Intercept
Parameter
0.00
0.25
0.50
0.75
1.00
Effective


Geweke Diagnostics
spline9
spline8
spline7
spline6
spline5
spline4
spline3
spline2
spline10
spline1
Intercept
expert
env.tree
env.npp
env.bio_19
env.bio_16
Parameter
−3
0
3
z
Chain
1
2
3


b
spline3
spline8
spline1
spline6
spline4
spline5
spline9
spline10
env.bio_16
env.npp
env.tree
env.bio_19
spline7
spline2
Intercept
expert
Parameter
0
100
200
HPD