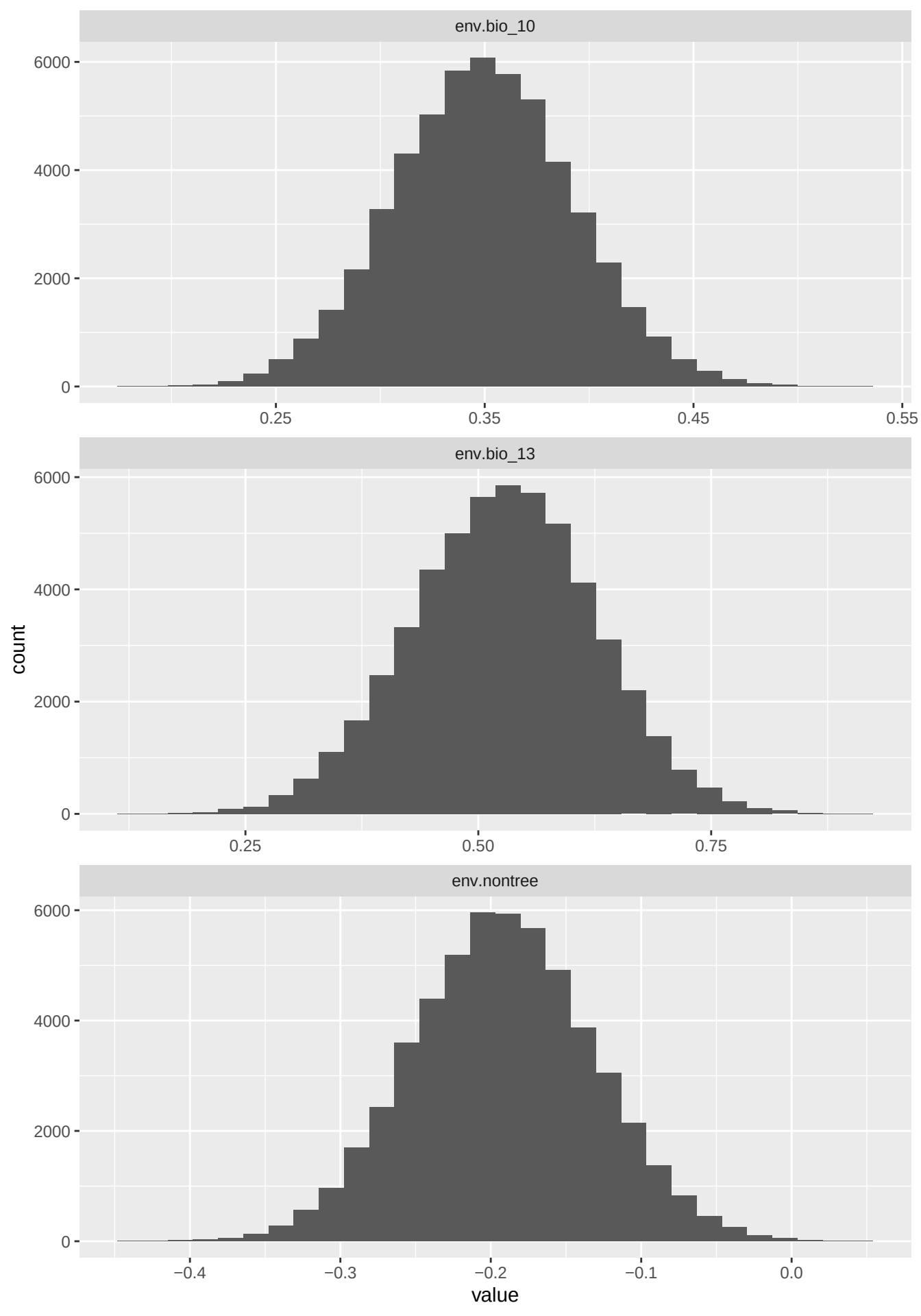
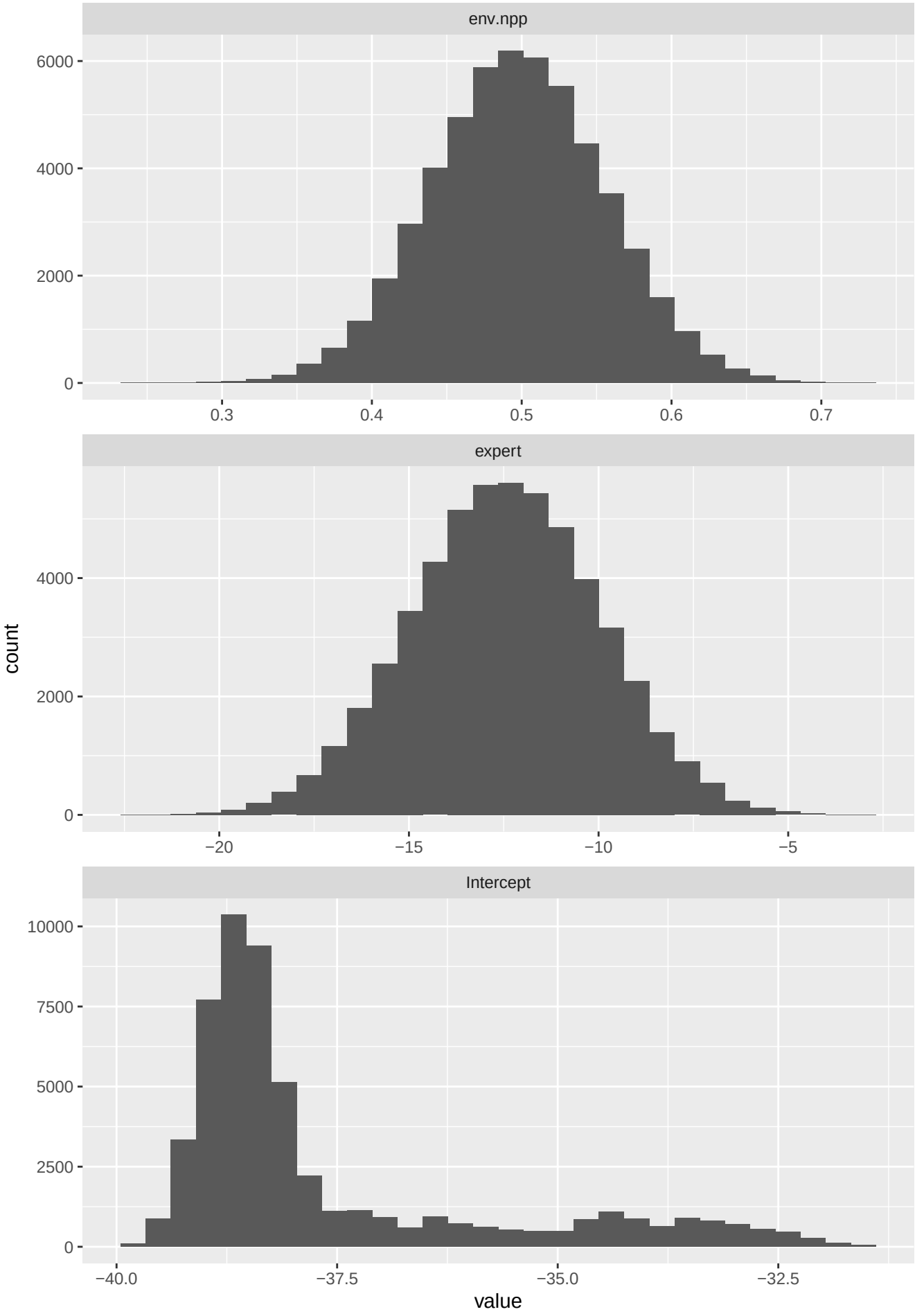
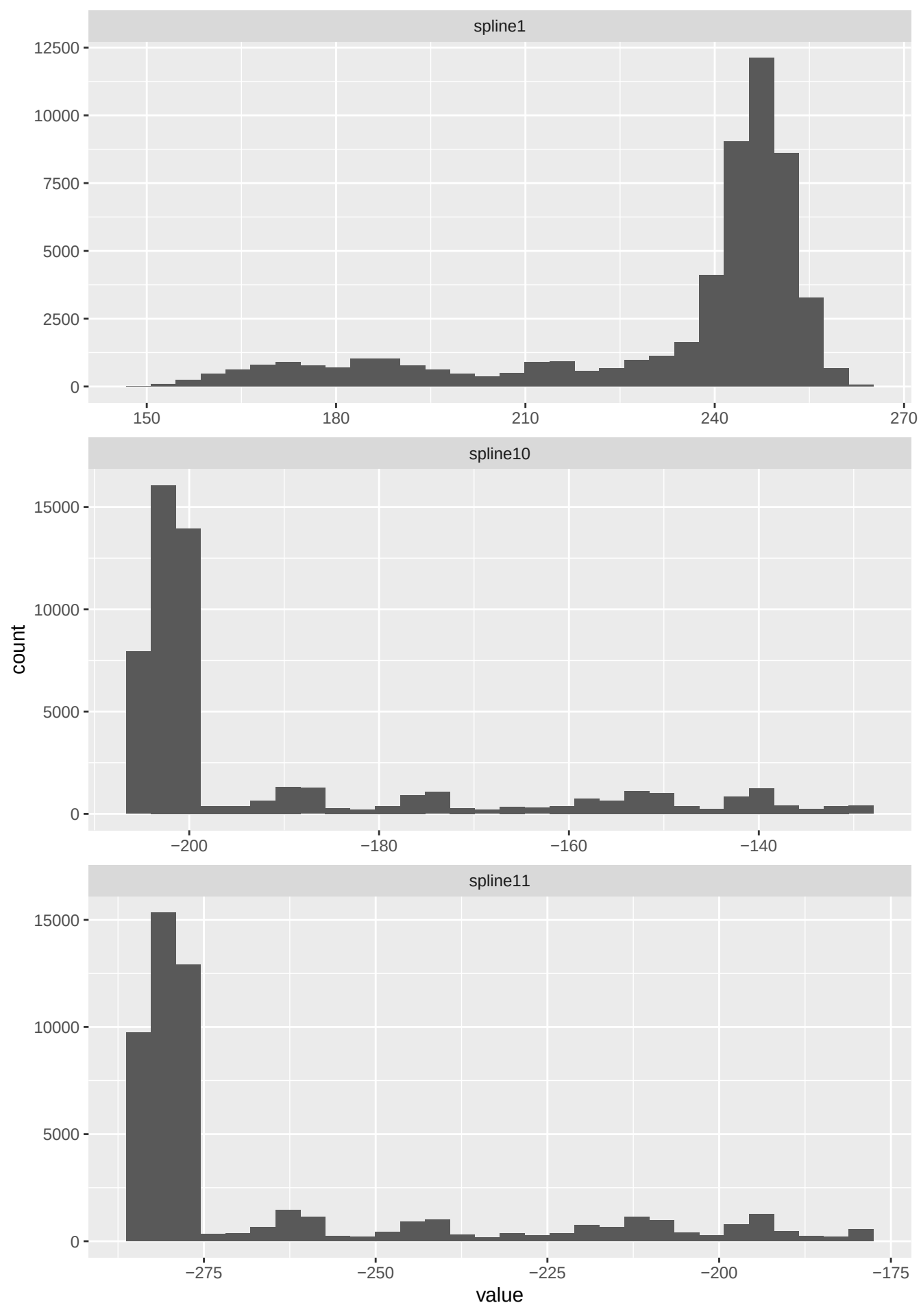
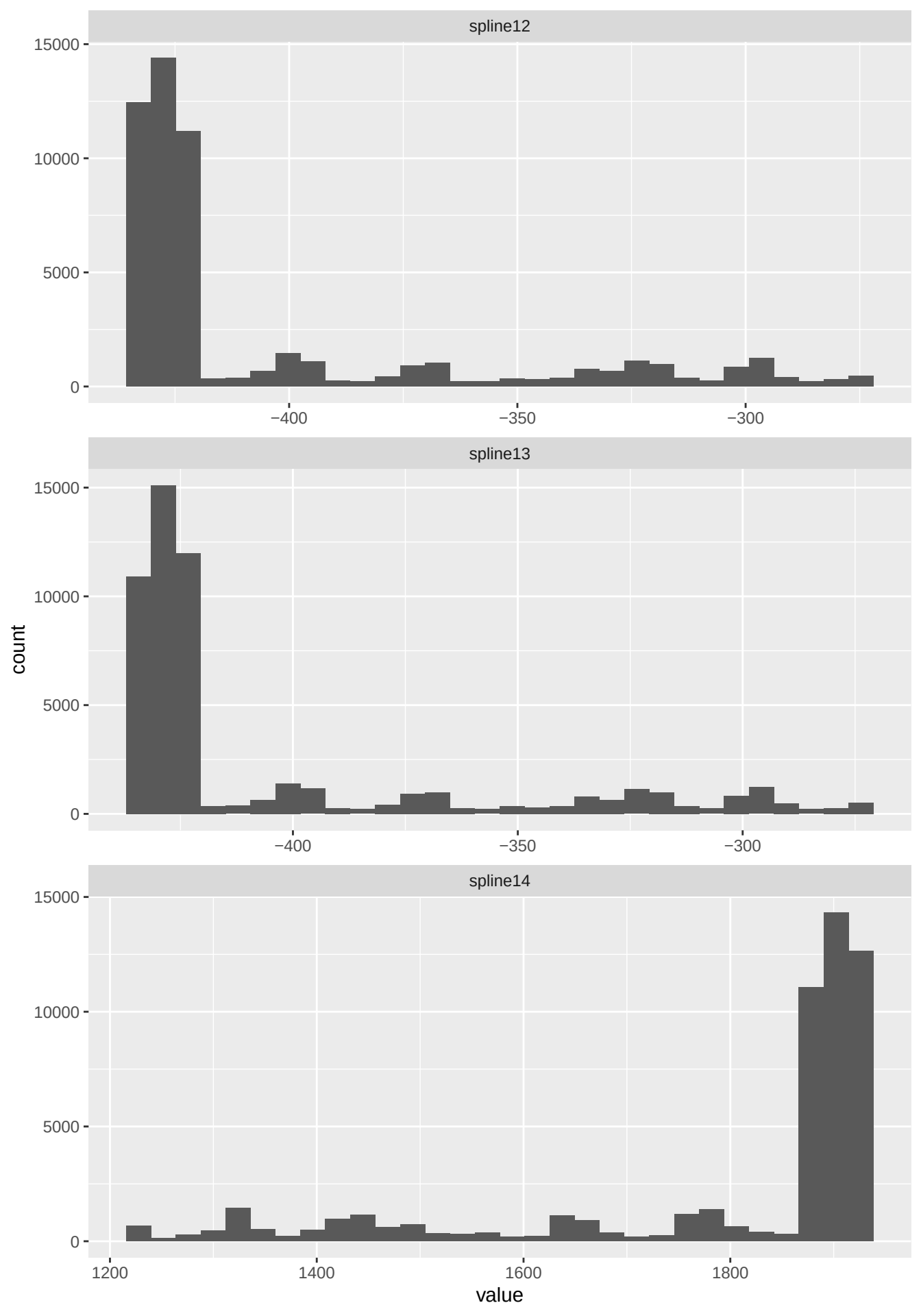
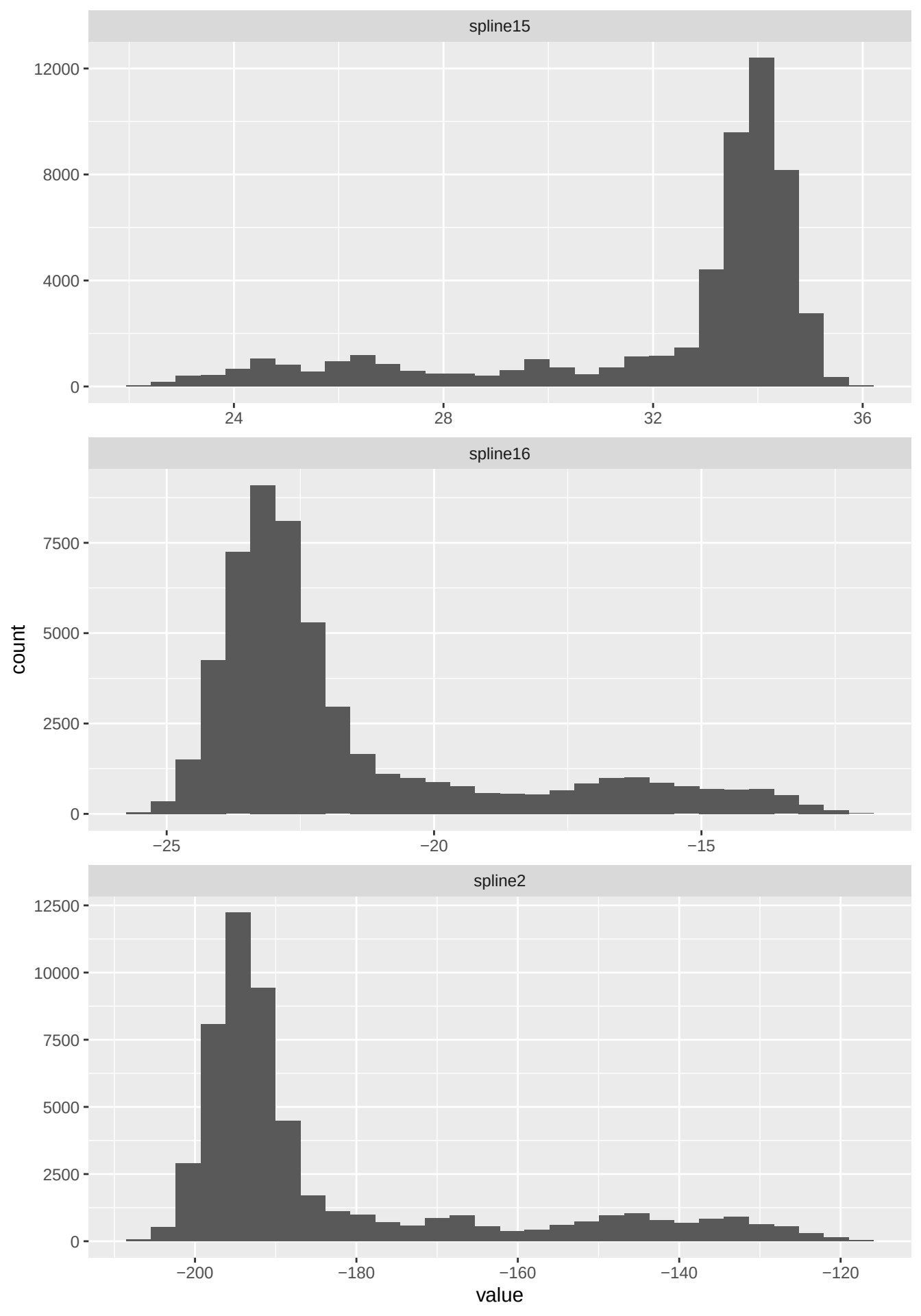
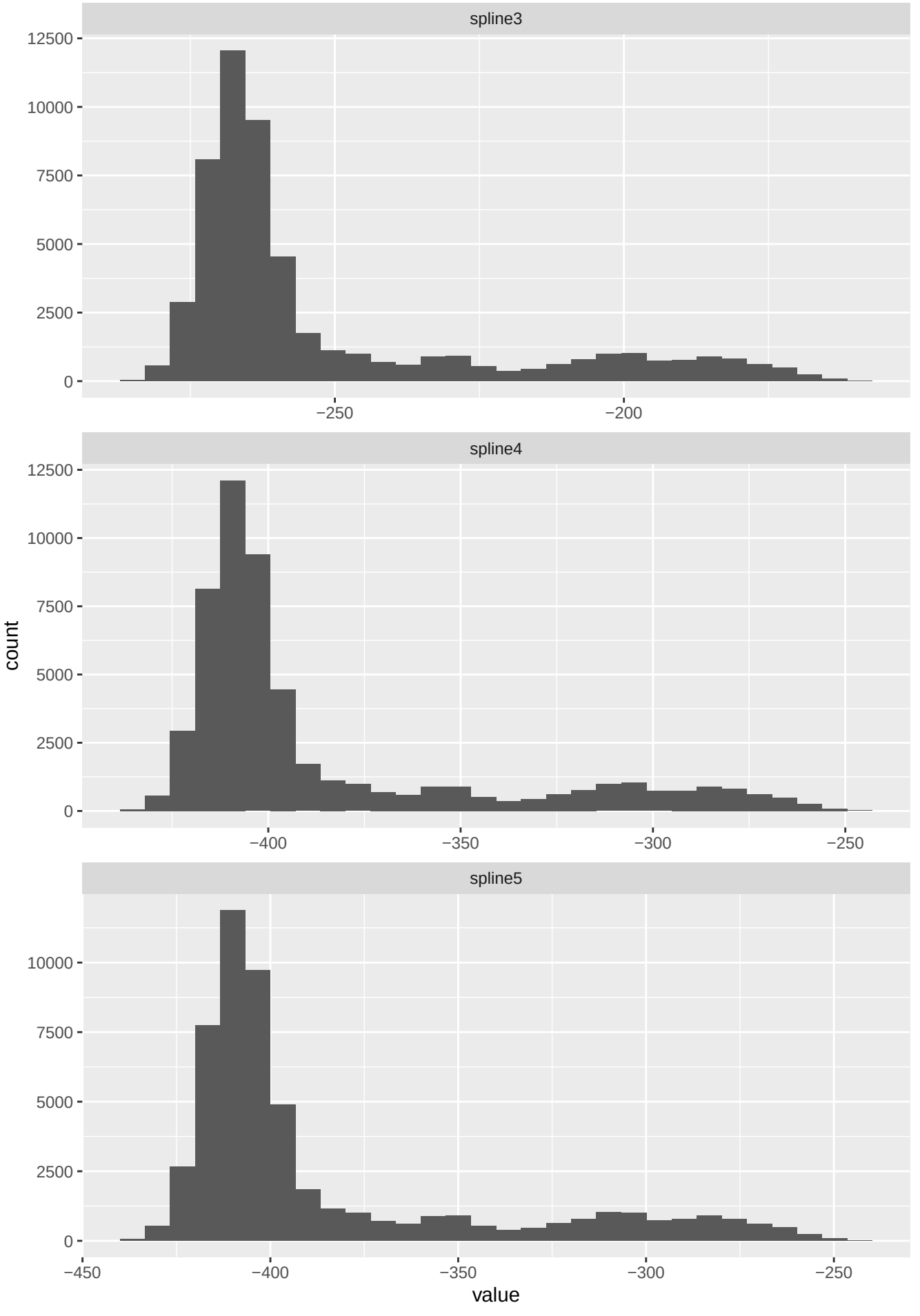

env.bio_10
6000
4000
2000
0
0.25
0.35
0.45
0.55
env.bio_13
6000
4000
2000
0
0.25
0.50
0.75
count
env.nontree
6000
4000
2000
0
−0.4
−0.3
−0.2
−0.1
0.0
value

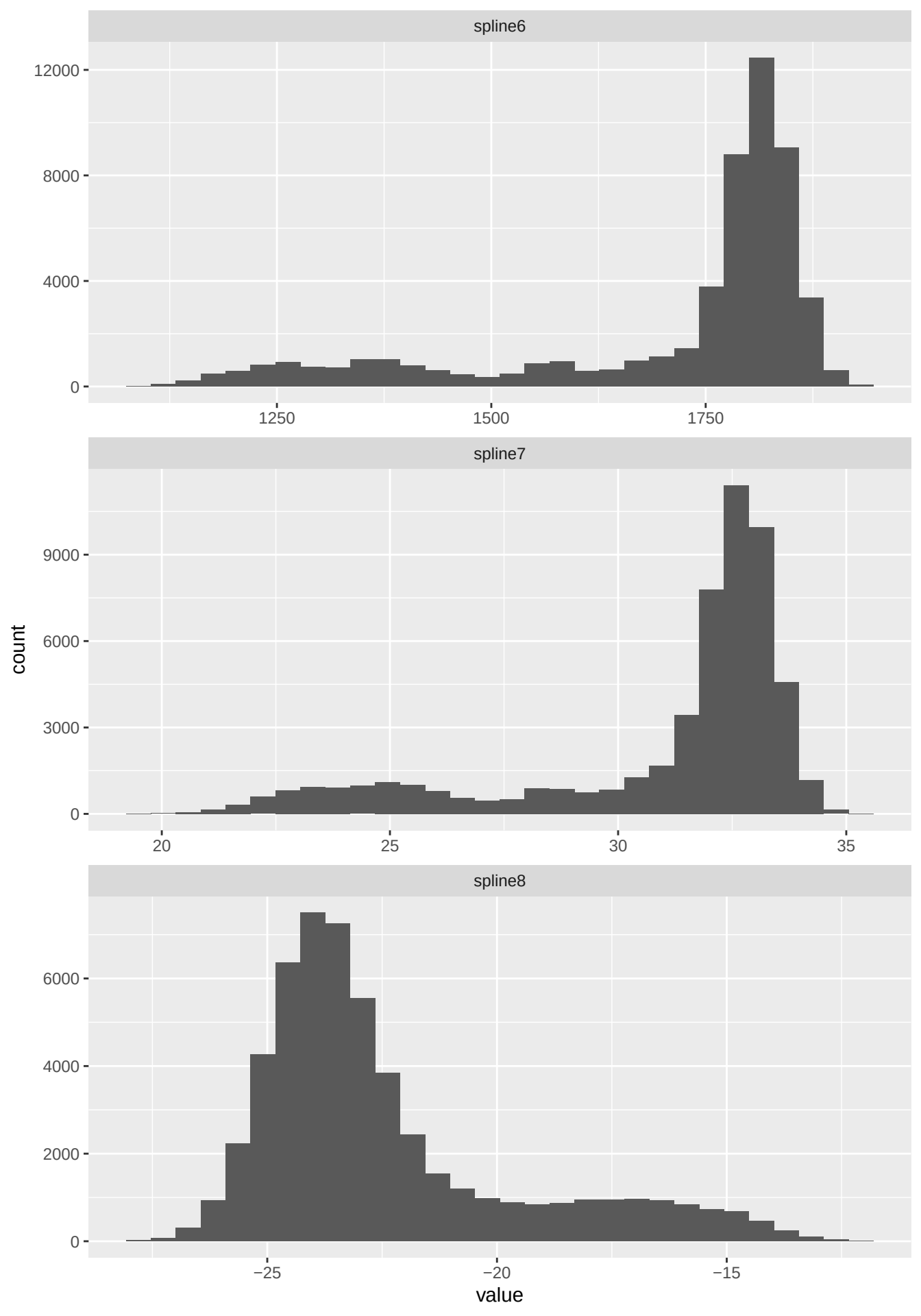

env.npp
6000
4000
2000
0
0.3
0.4
0.5
0.6
0.7
expert
4000
2000
0
−20
−15
−10
−5
count
Intercept
10000
7500
5000
2500
0
−40.0
−37.5
−35.0
−32.5
value

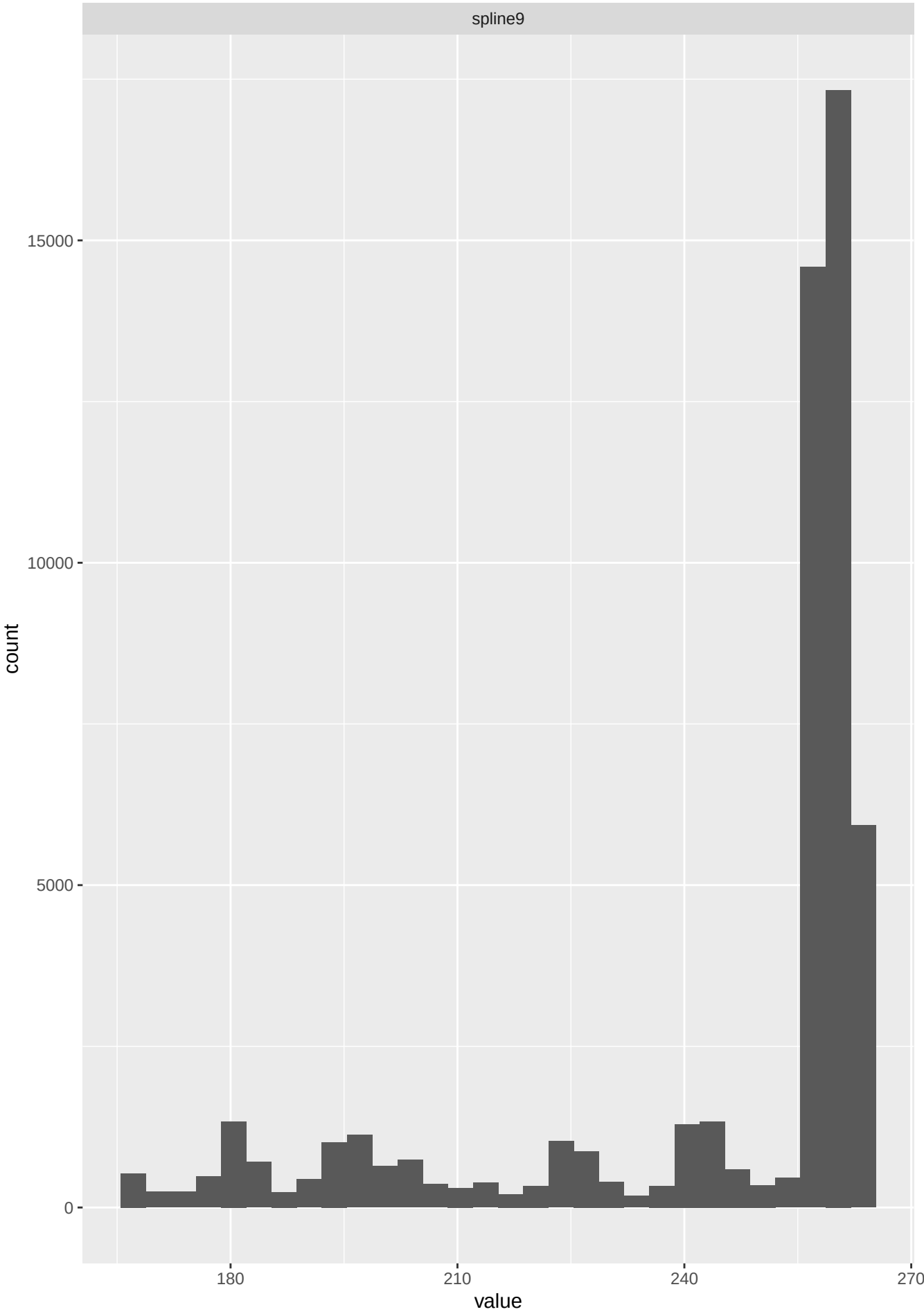

spline1
12500
10000
7500
5000
2500
0
150
180
210
240
270
spline10
15000
10000
5000
0
−200
−180
−160
−140
count
spline11
15000
10000
5000
0
−275
−250
−225
−200
−175
value

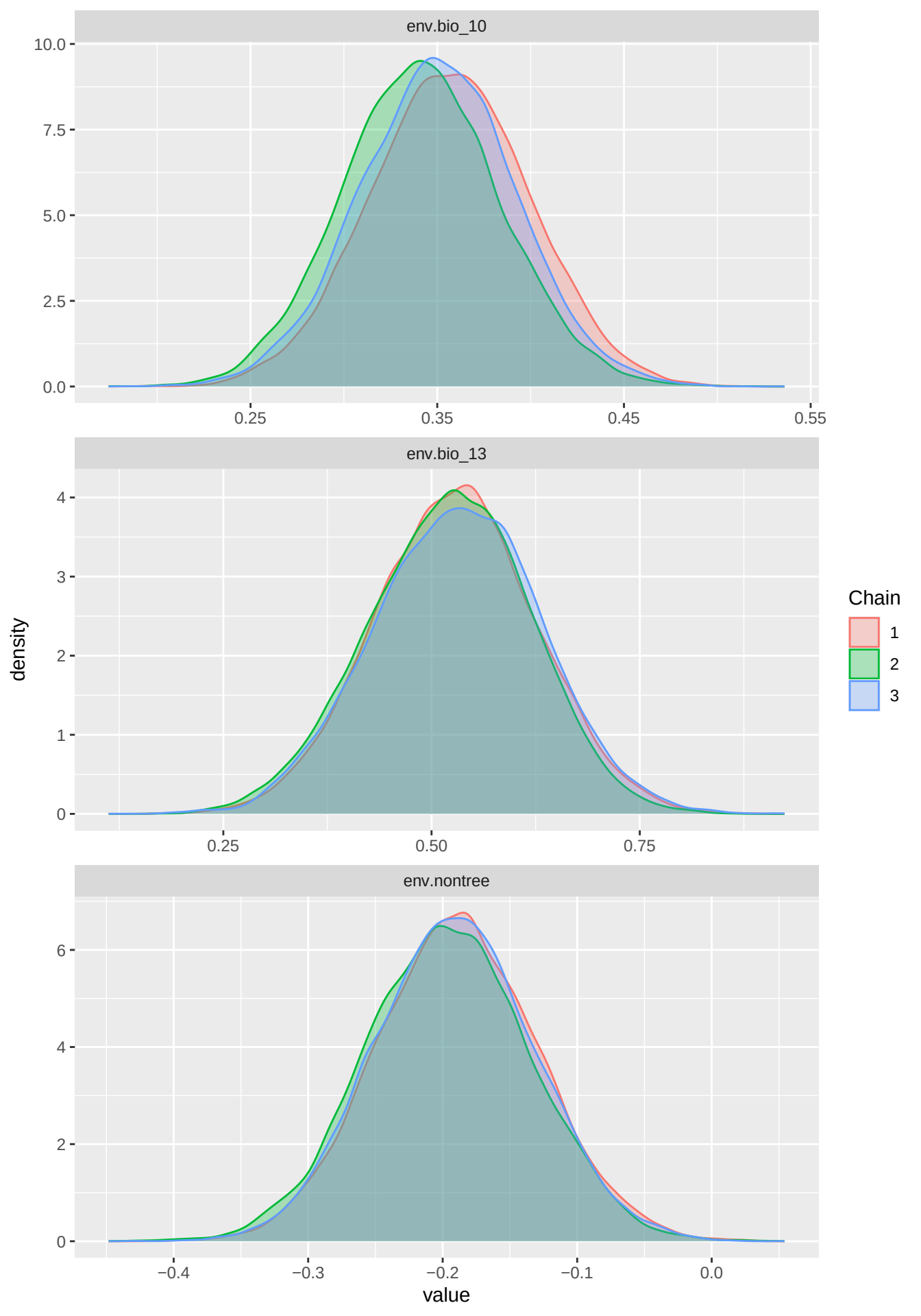

spline12
spline13
spline14
count
value
15000
10000
5000
0
−400
−350
−300
1200
1400
1600
1800

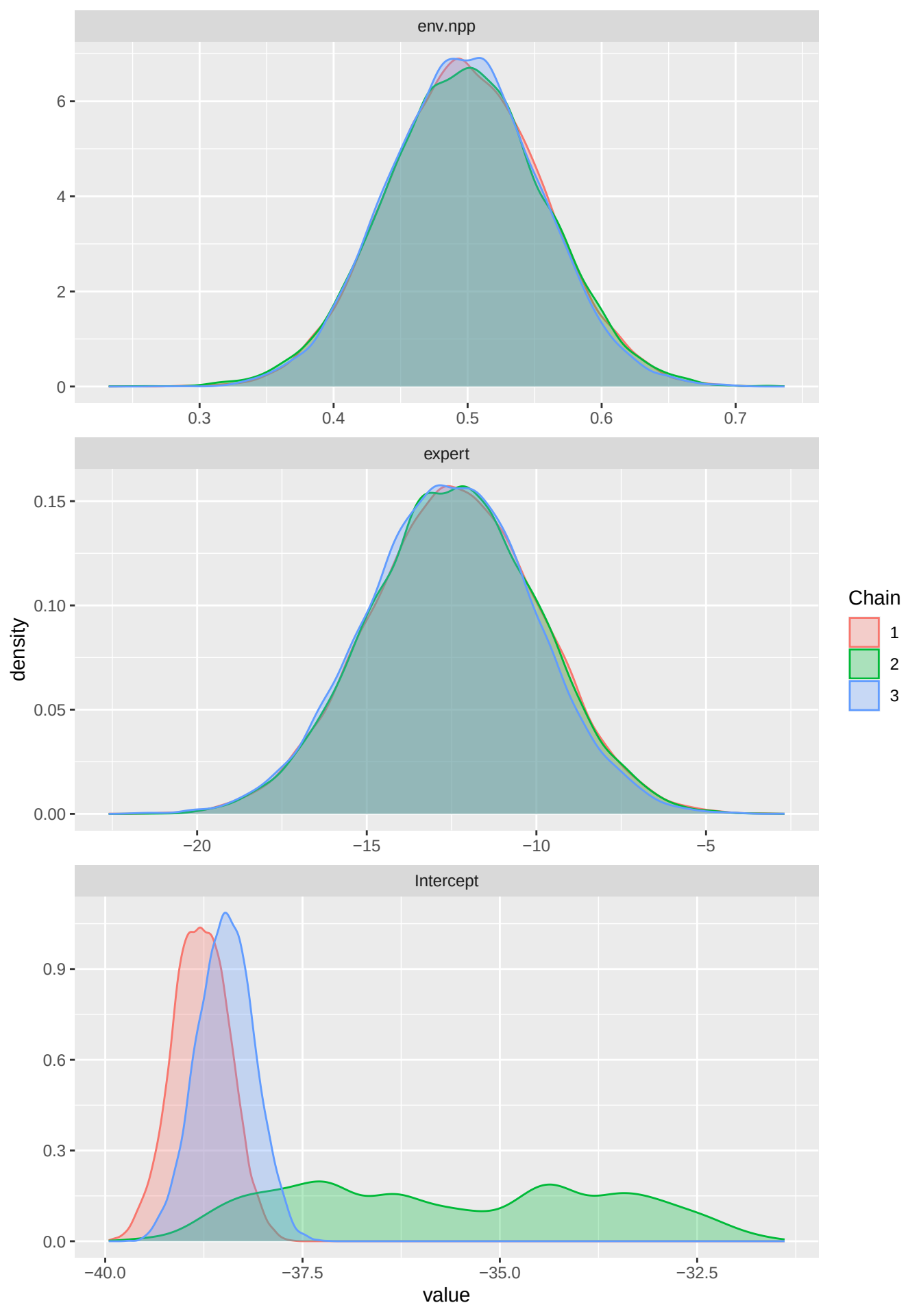

spline15
12000
8000
4000
0
24
28
32
36
spline16
7500
5000
2500
0
−25
−20
−15
count
spline2
12500
10000
7500
5000
2500
0
−200
−180
−160
−140
−120
value

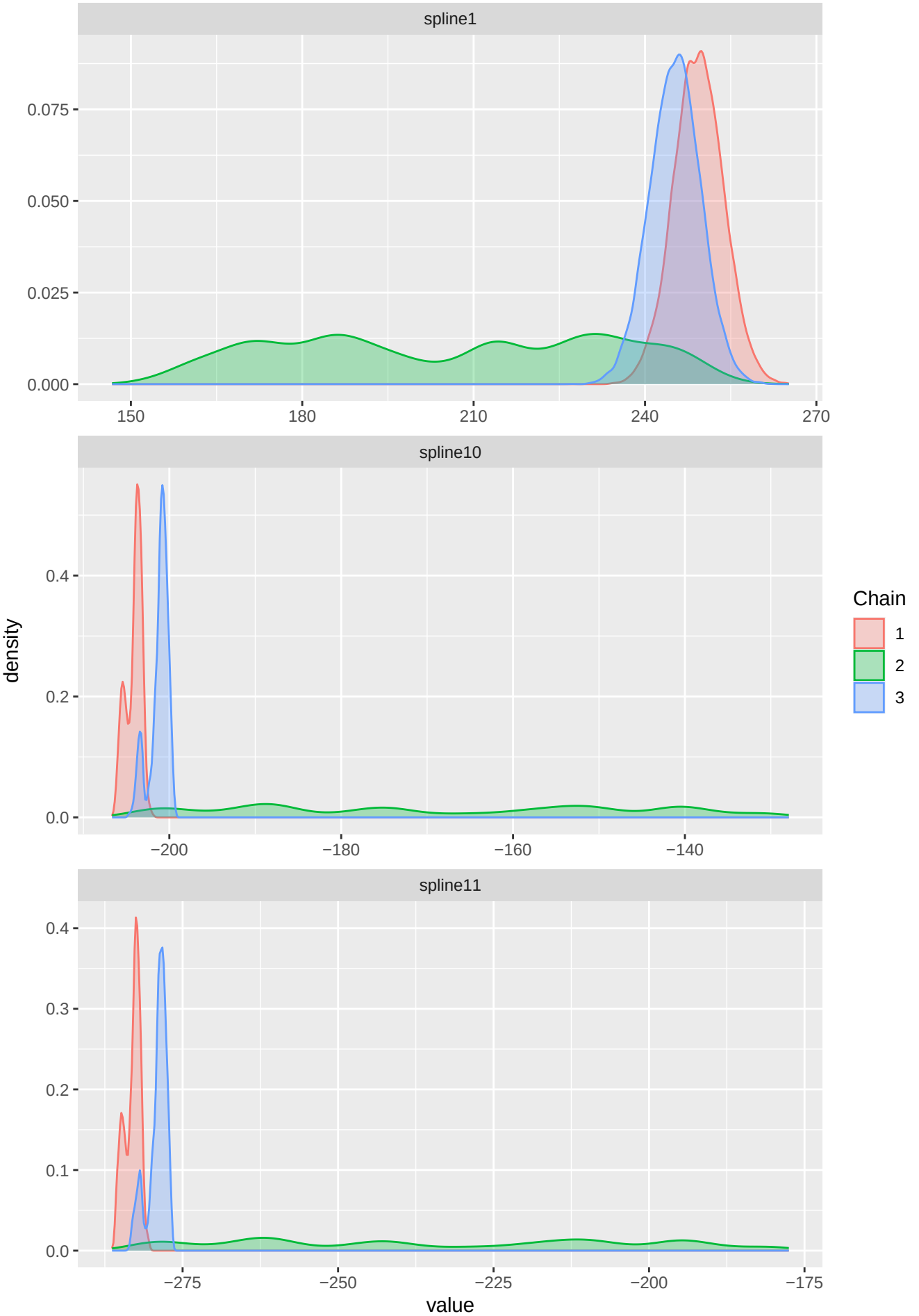

spline3
spline4
spline5
count
value
12500
10000
7500
5000
2500
0
−250
−200
−400
−350
−300
−450

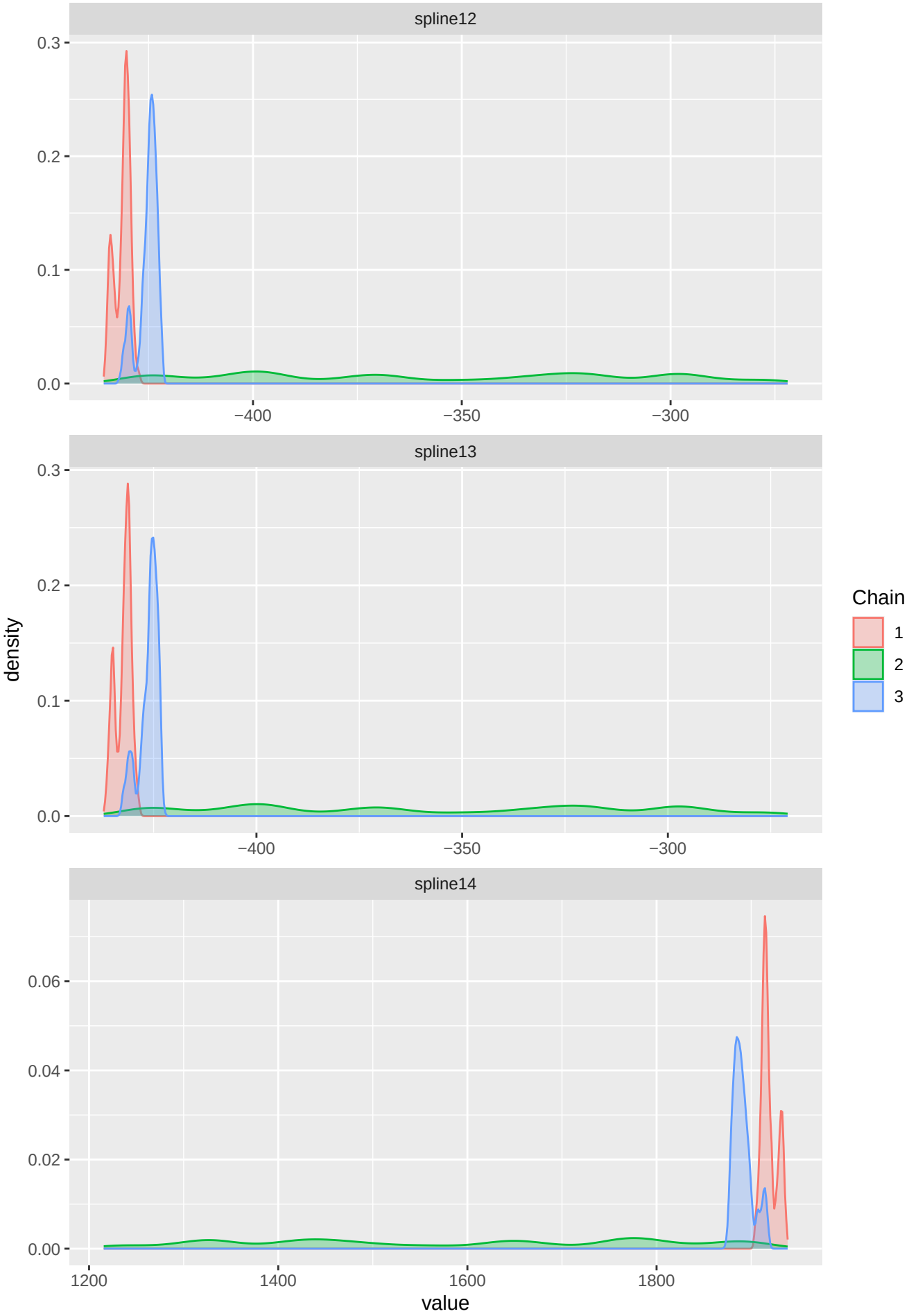

spline6
12000
8000
4000
0
1250
1500
1750
spline7
9000
6000
3000
0
20
25
30
35
count
spline8
6000
4000
2000
0
−25
−20
−15
value

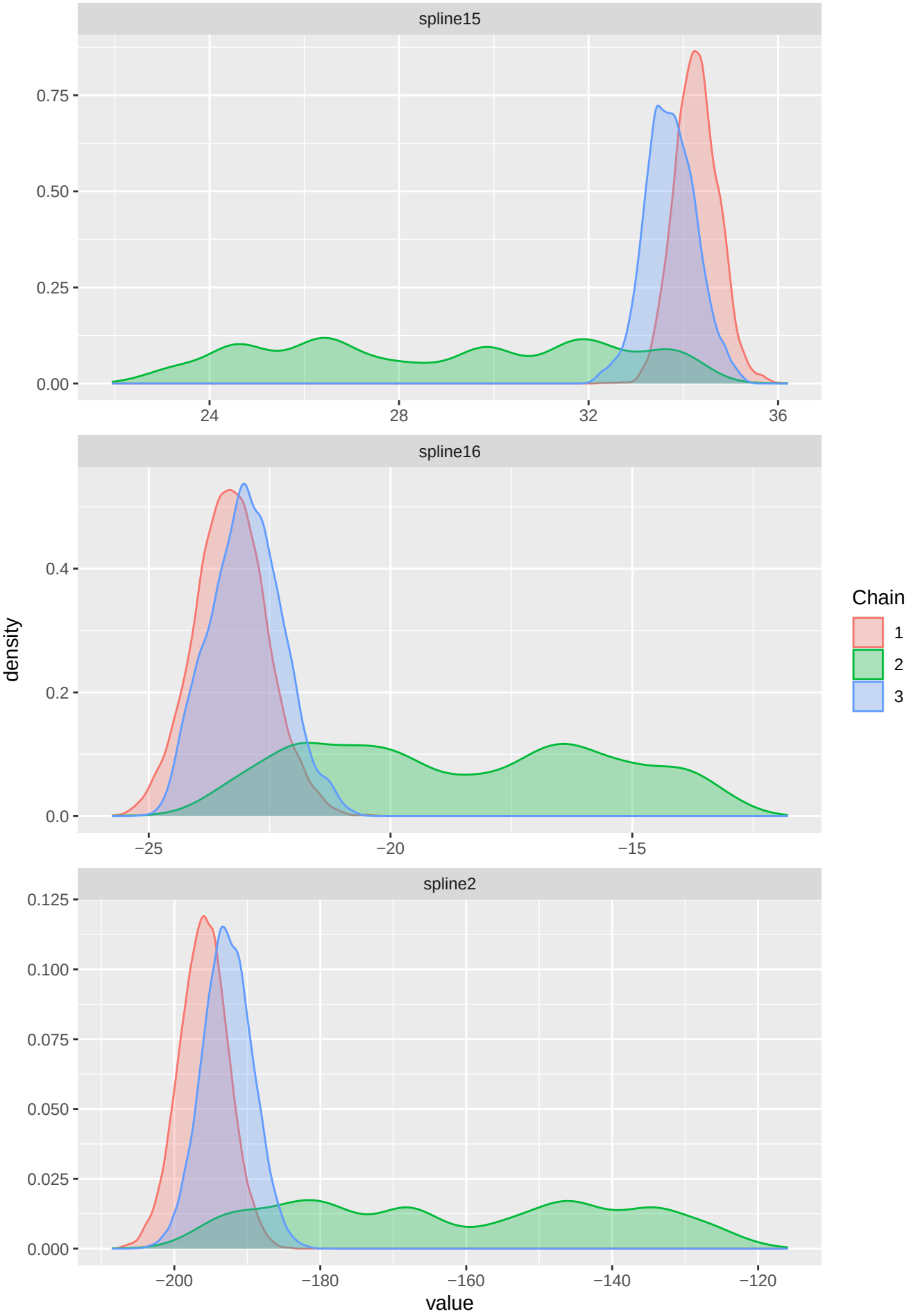

spline9
15000
10000
5000
0
count
180
210
240
270
value

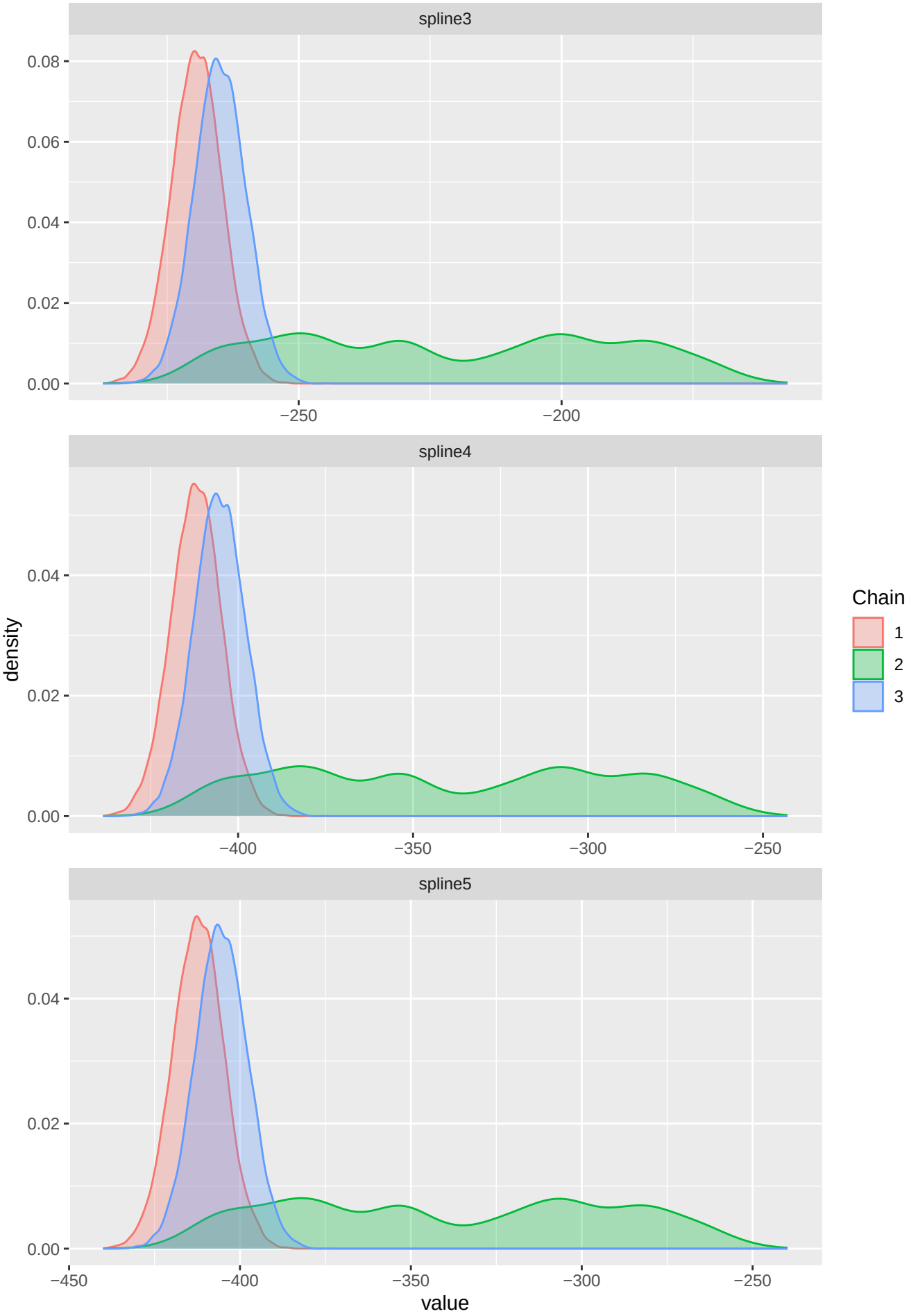

env.bio_10
env.bio_13
env.nontree
density
value
Chain
1
2
3

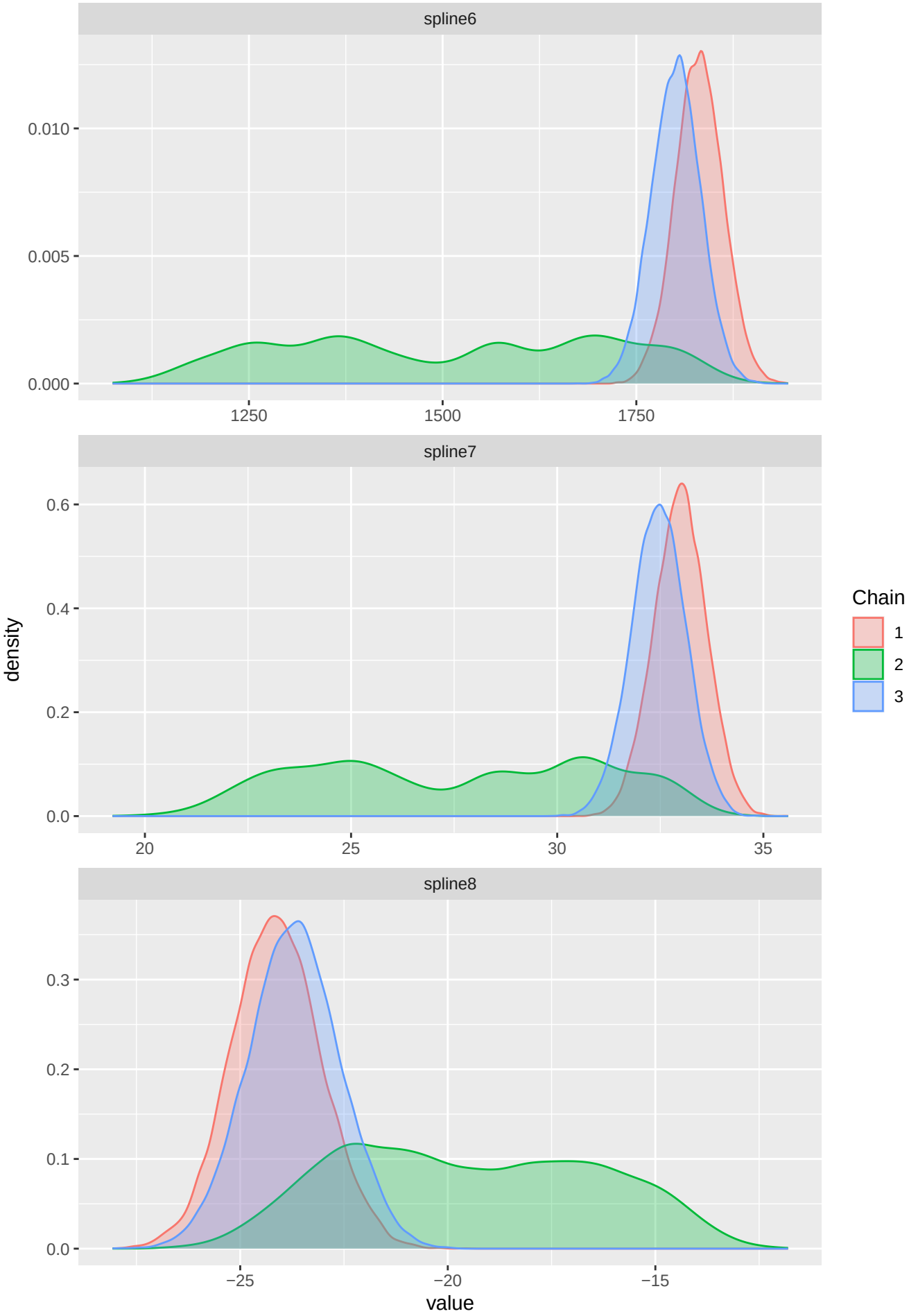

env.npp
expert
Intercept
density
value
Chain
1
2
3
0
2
4
6
0.3
0.4
0.5
0.6
0.7
0.00
0.05
0.10
0.15
−20
−15
−10
−5
0.0
0.3
0.6
0.9
−40.0
−37.5
−35.0
−32.5

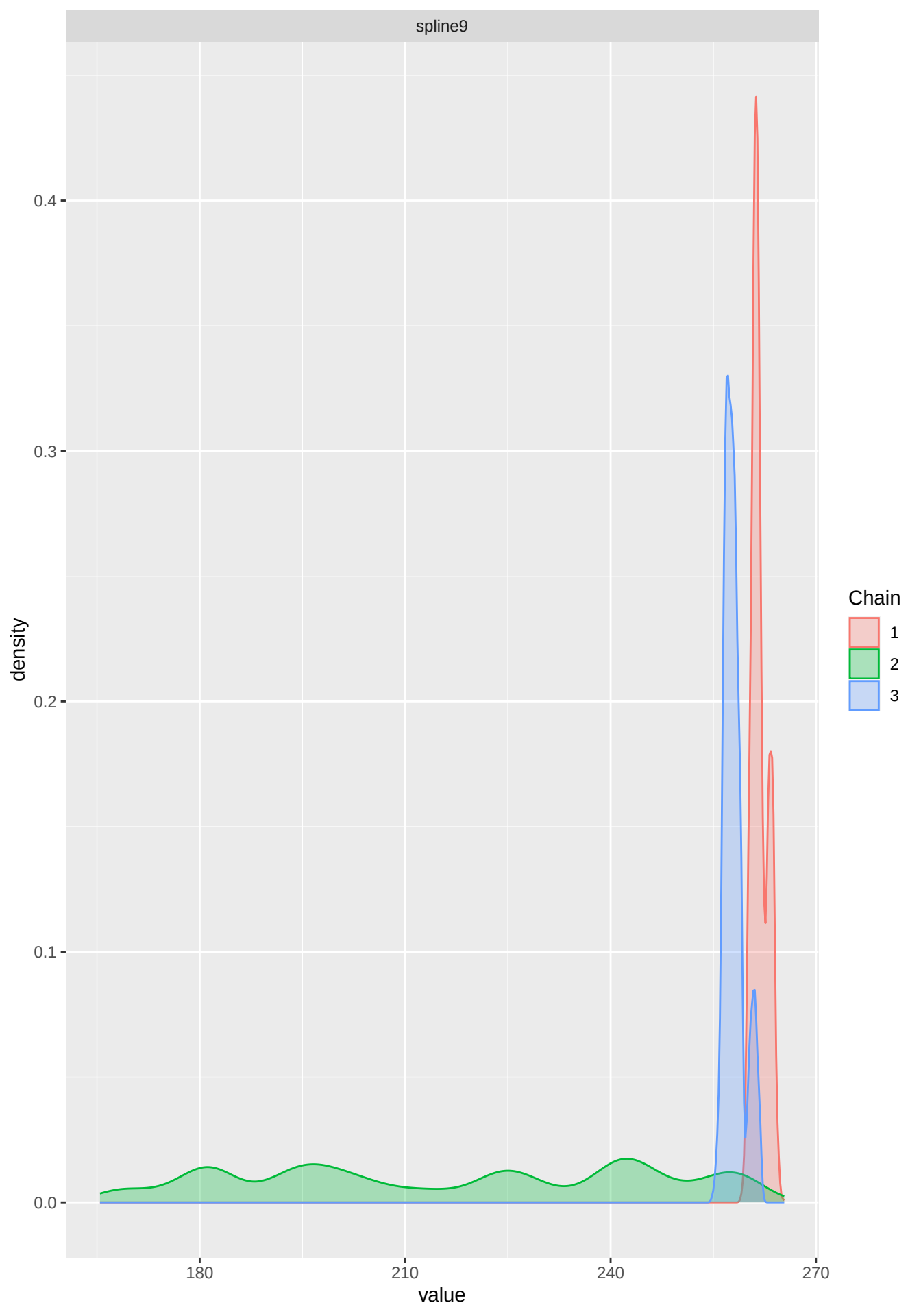

spline1
0.075
0.050
0.025
0.000
150
180
210
240
270
spline10
0.4
0.2
0.0
−200
−180
−160
−140
density
spline11
0.4
0.3
0.2
0.1
0.0
−275
−250
−225
−200
−175
value
Chain
1
2
3

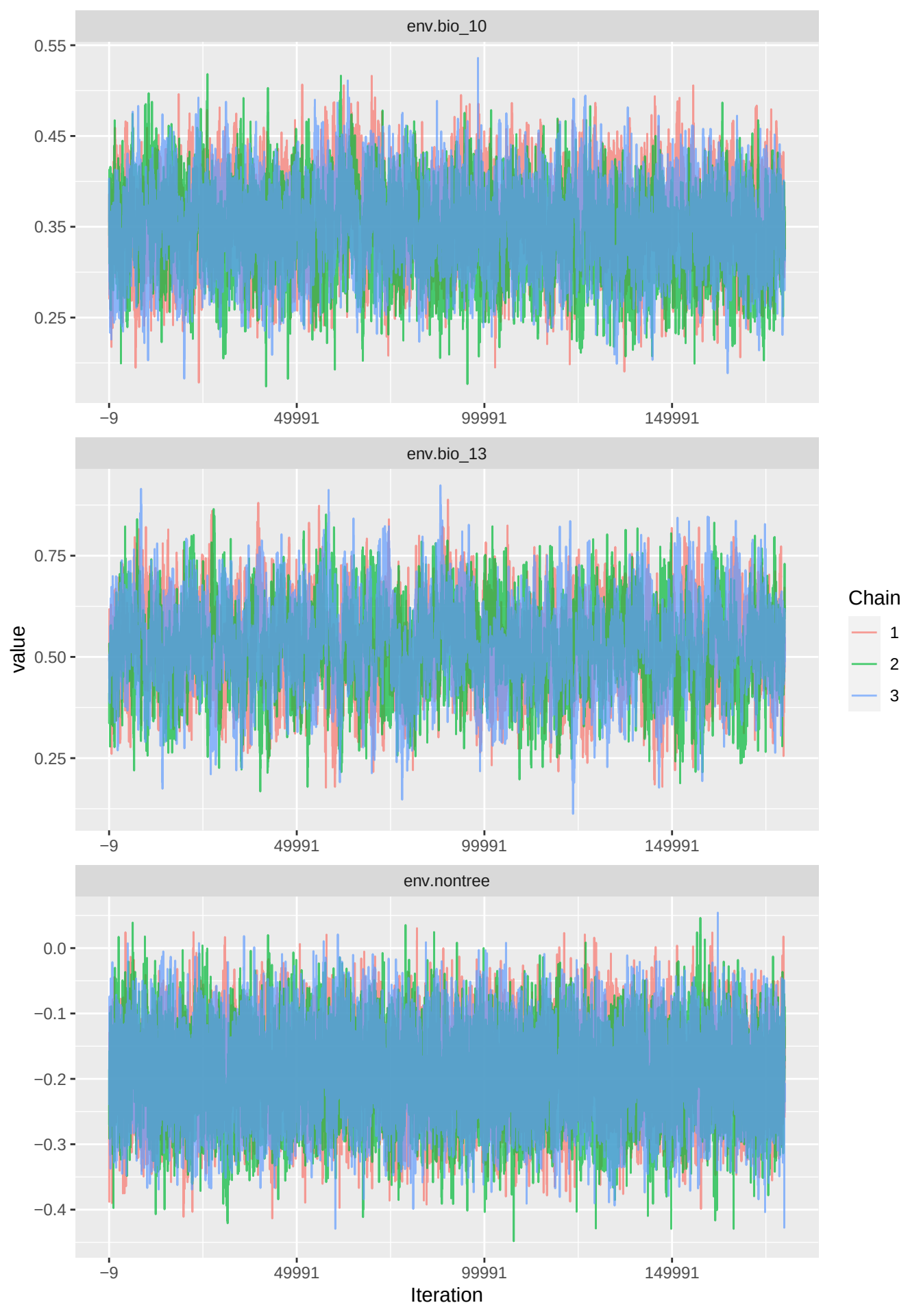

spline12
spline13
spline14
density
value
Chain
1
2
3
0.3
0.2
0.1
0.0
0.06
0.04
0.02
0.00
−400
−350
−300
1200
1400
1600
1800

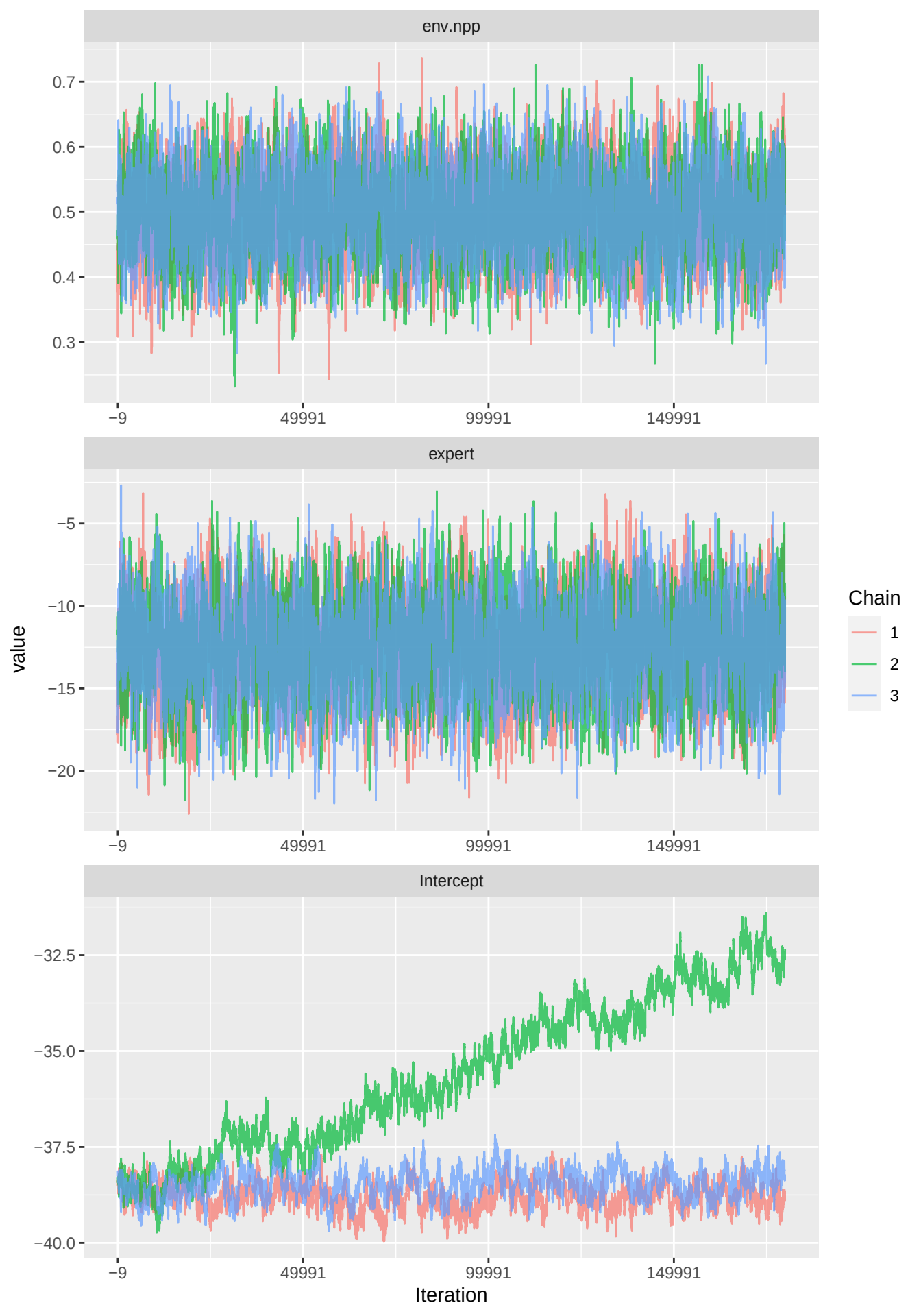

spline15
spline16
spline2
density
value
Chain
1
2
3
0.75
0.50
0.25
0.00
24
28
32
36
0.4
0.2
0.0
−25
−20
−15
0.125
0.100
0.075
0.050
0.025
0.000
−200
−180
−160
−140
−120

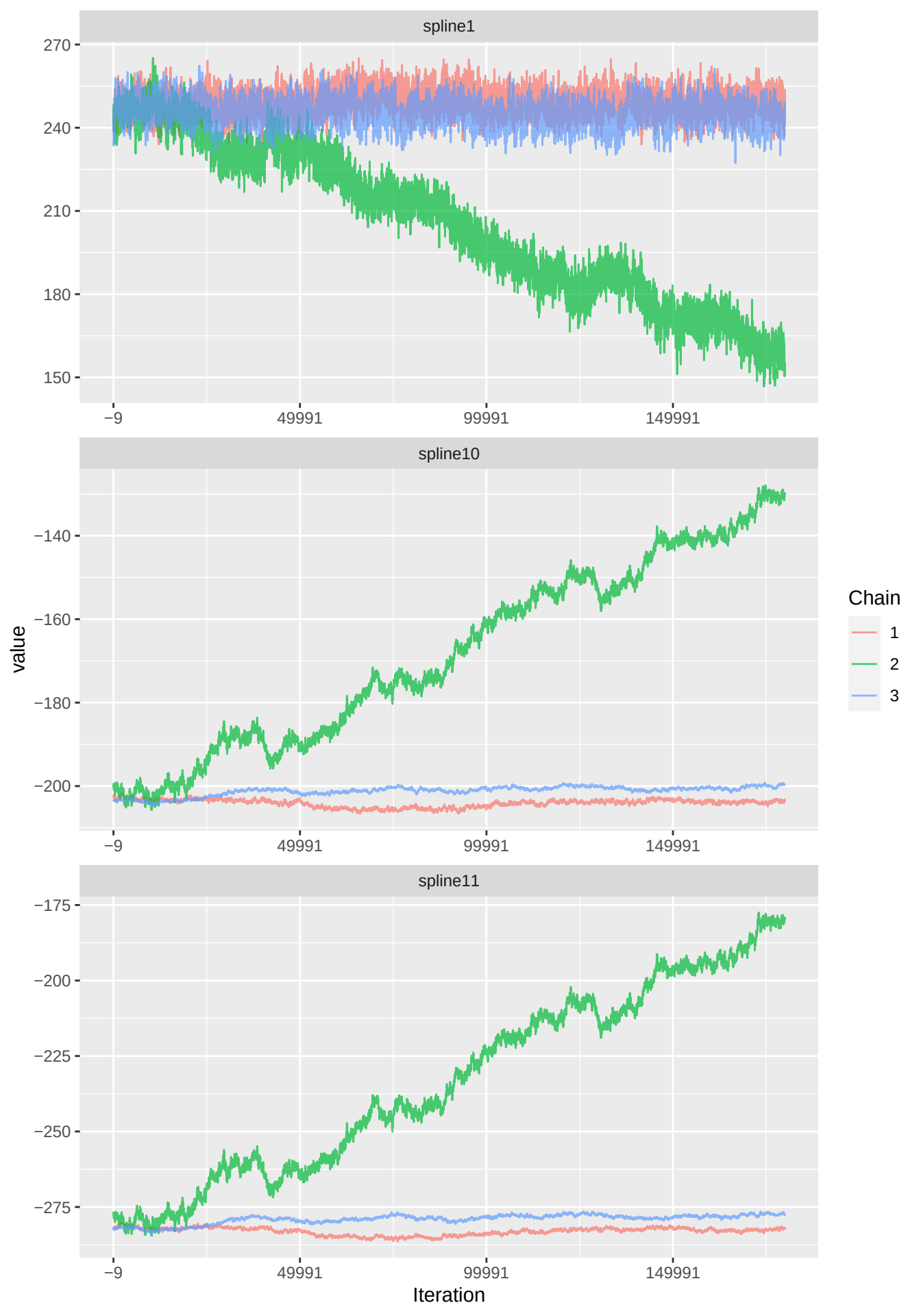

spline3
spline4
spline5
density
value
Chain
1
2
3
0.08
0.06
0.04
0.02
0.00
−250
−200
−400
−350
−300
−450

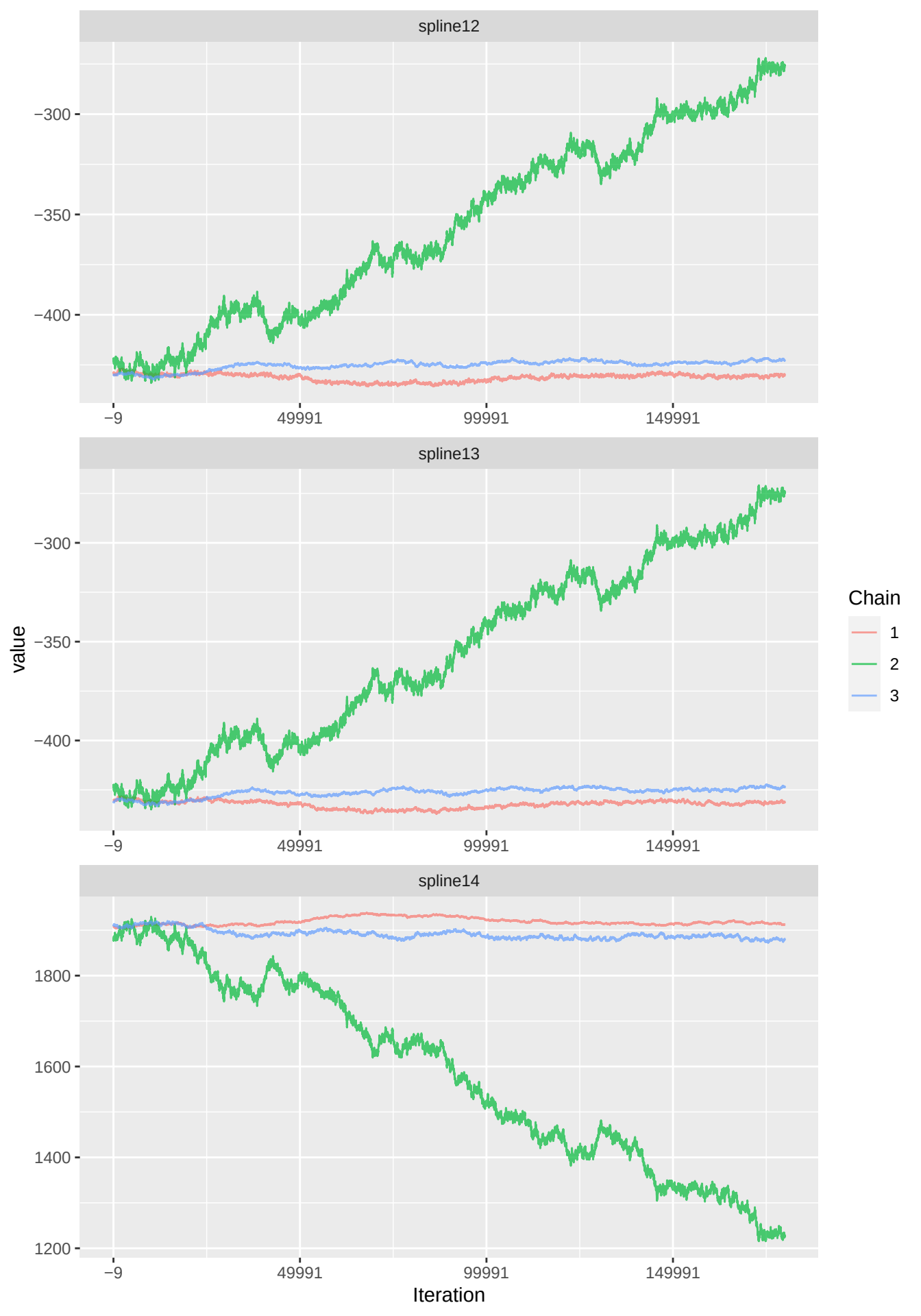

spline6
spline7
spline8
density
value
Chain
1
2
3
0.010
0.005
0.000
1250
1500
1750
0.6
0.4
0.2
0.0
20
25
30
35
0.3
0.2
0.1
0.0
−25
−20
−15


spline9
density
0.0
0.1
0.2
0.3
0.4
180
210
240
270
value
Chain
1
2
3


env.bio_10
0.55
0.45
0.35
0.25
−9
49991
99991
149991
env.bio_13
0.75
0.50
0.25
−9
49991
99991
149991
env.nontree
0.0
−0.1
−0.2
−0.3
−0.4
−9
49991
99991
149991
value
Iteration
Chain
1
2
3

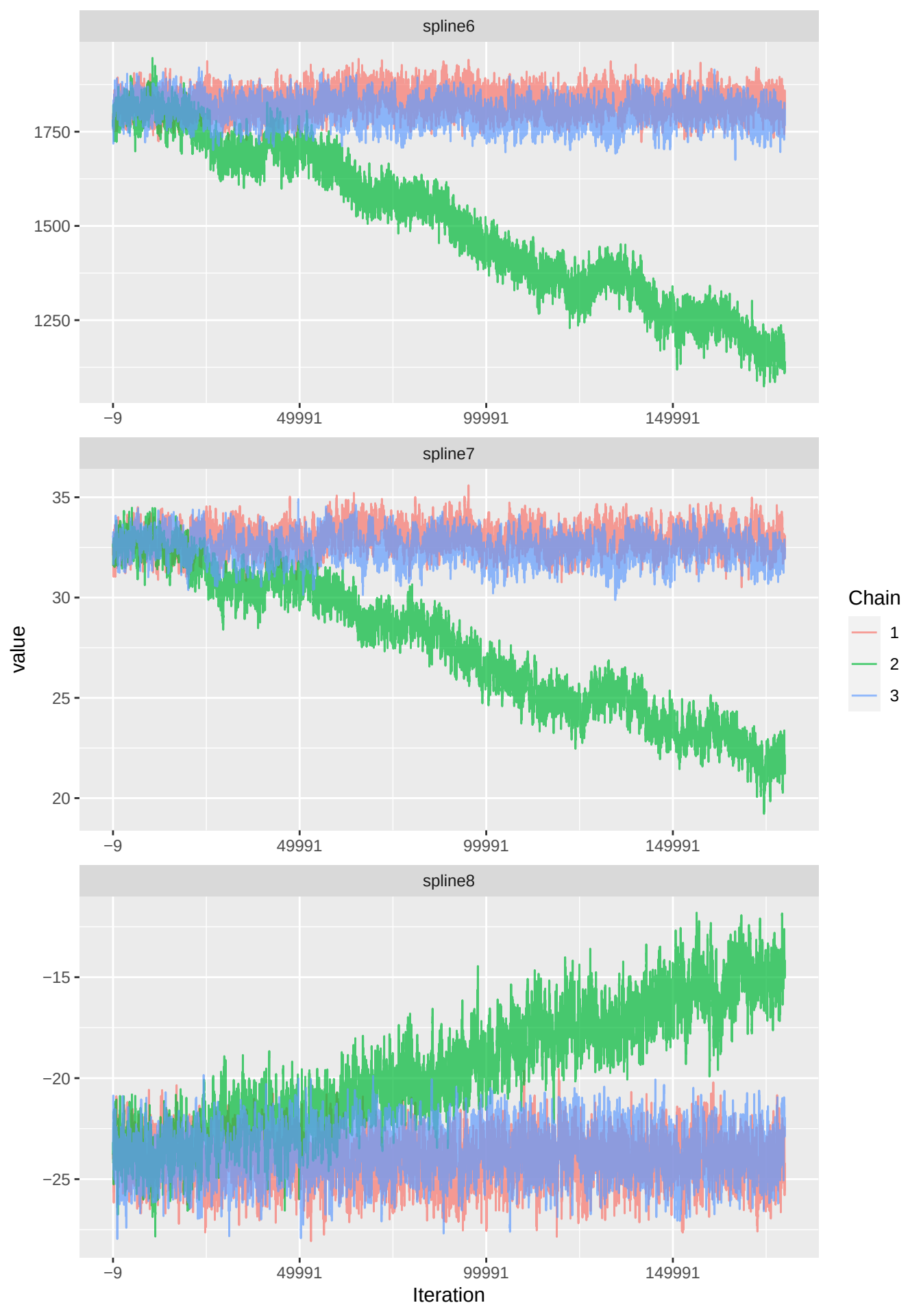

env.npp
0.7
0.6
0.5
0.4
0.3
−9
49991
99991
149991
expert
−5
−10
−15
−20
value
Intercept
−32.5
−35.0
−37.5
−40.0
Iteration
Chain
1
2
3

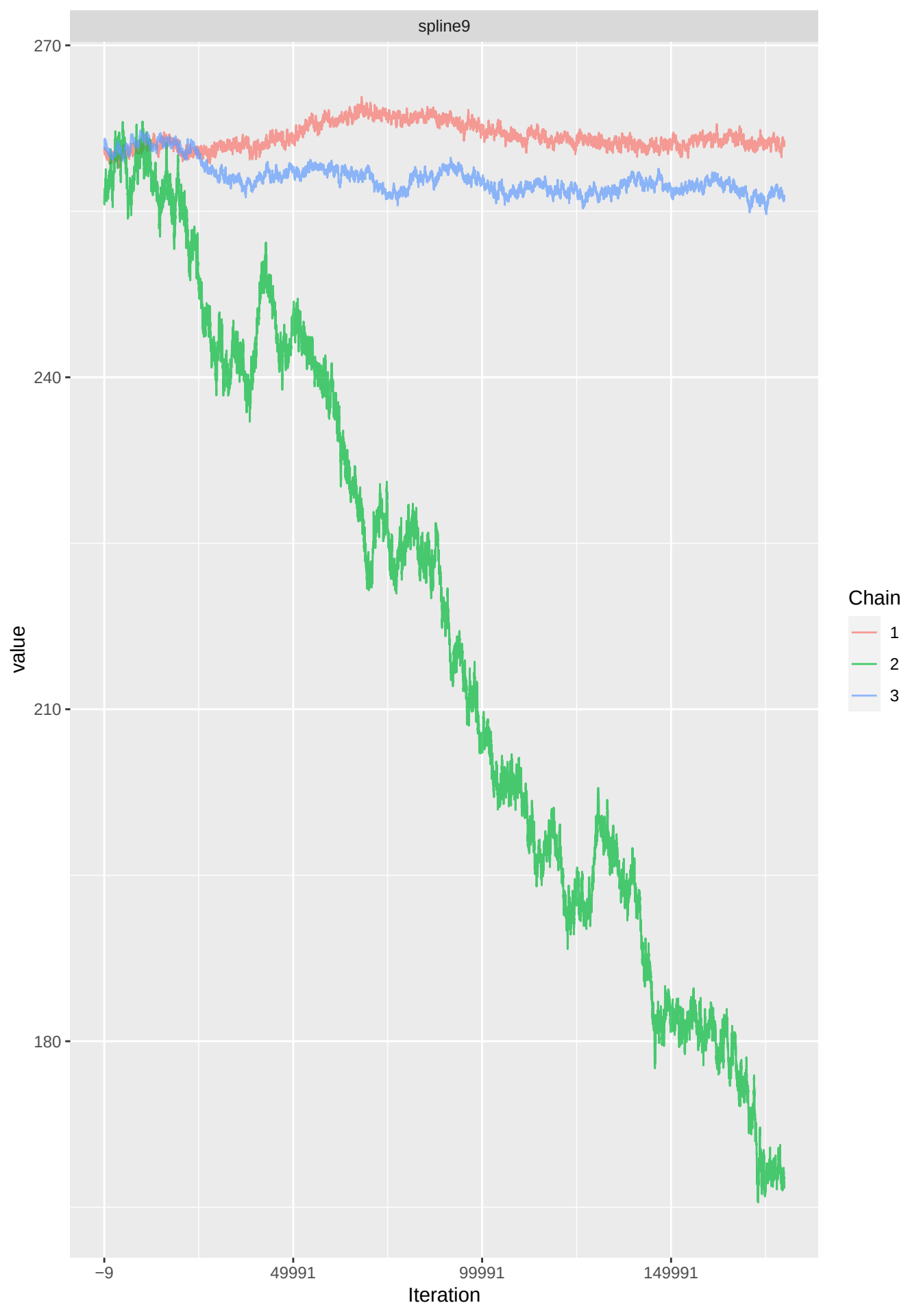

spline1
270
240
210
180
150
−9
49991
99991
149991
spline10
−140
−160
−180
−200
value
spline11
−175
−200
−225
−250
−275
Iteration
Chain
1
2
3

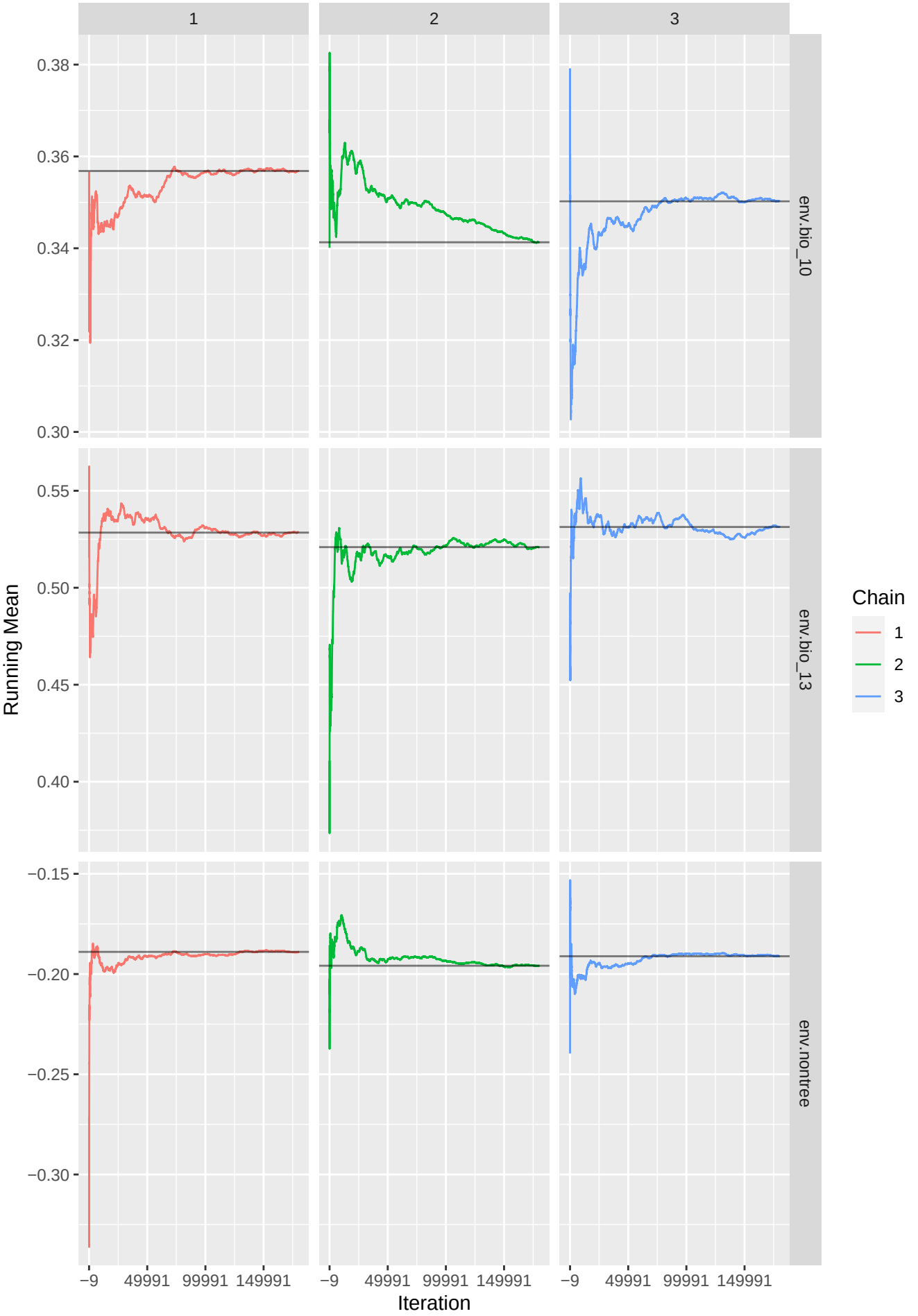

spline12
spline13
spline14
−300
−350
−400
1800
1600
1400
1200
−9
49991
99991
149991
value
Iteration
Chain
1
2
3

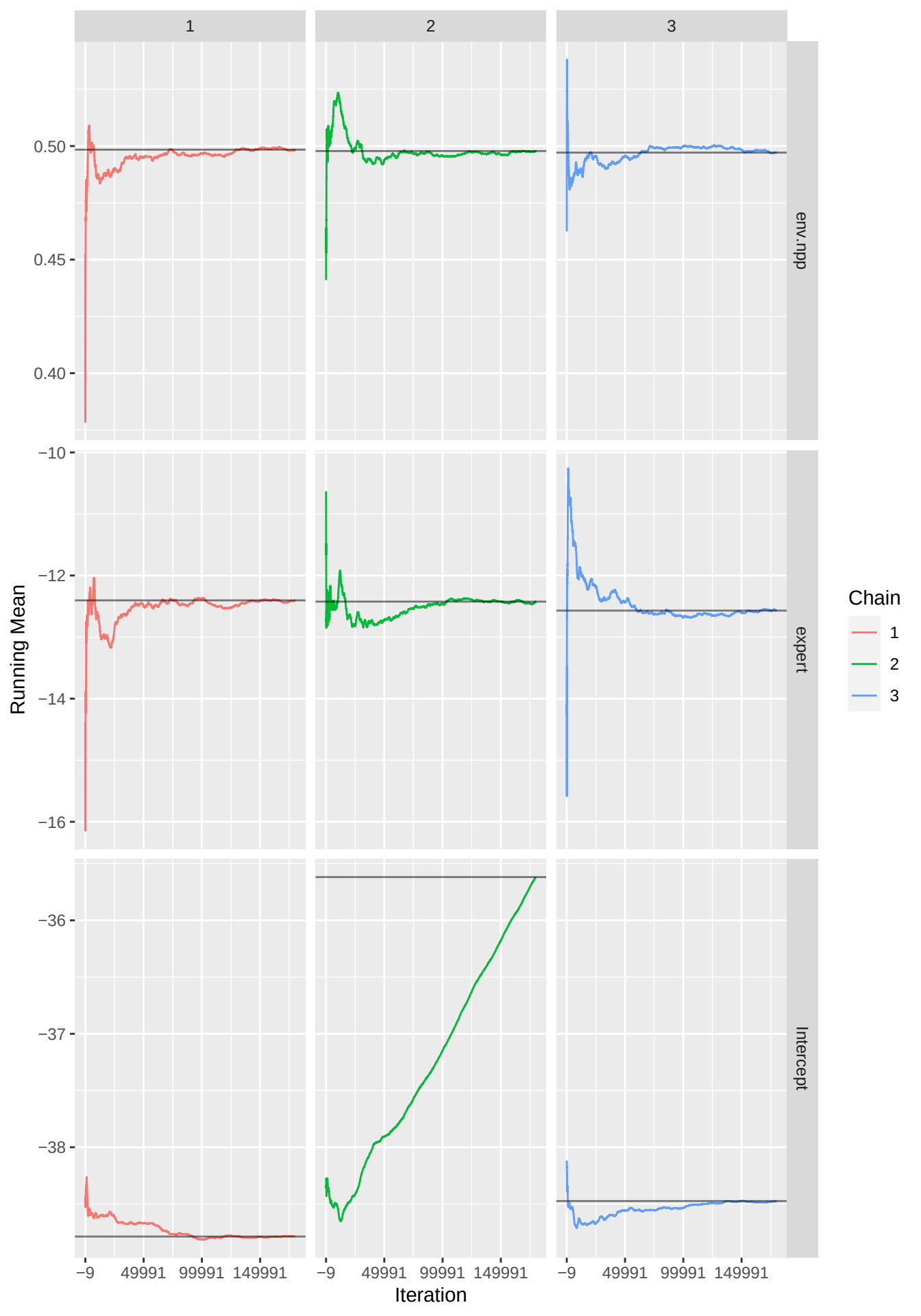

spline15
36
32
28
24
−9
49991
99991
149991
spline16
−15
−20
−25
−9
49991
99991
149991
spline2
−120
−140
−160
−180
−200
−9
49991
99991
149991
value
Iteration
Chain
1
2
3

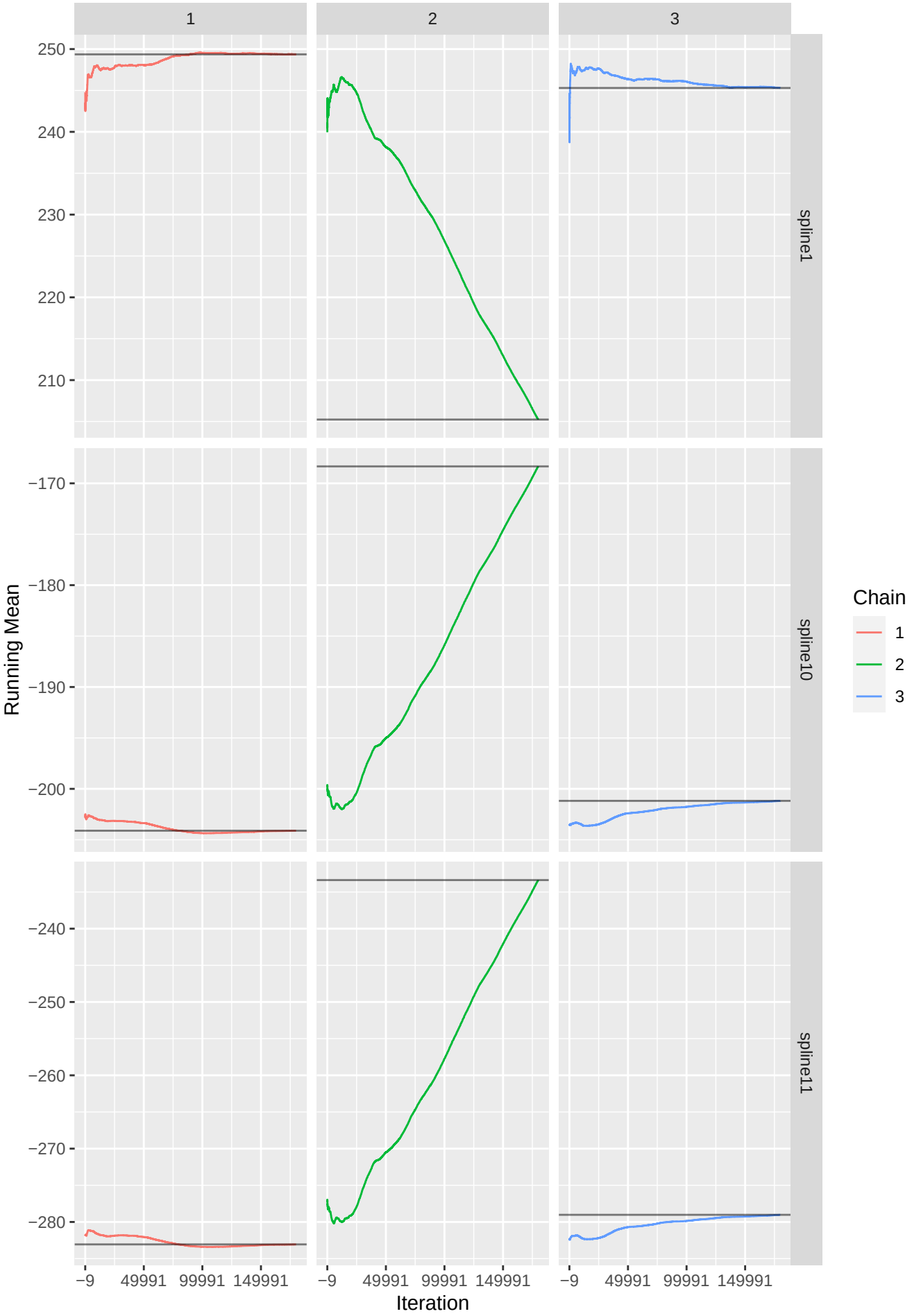

spline3
spline4
spline5
value
Iteration
Chain
1
2
3
−200
−250
−300
−350
−400
−450
−9
49991
99991
149991

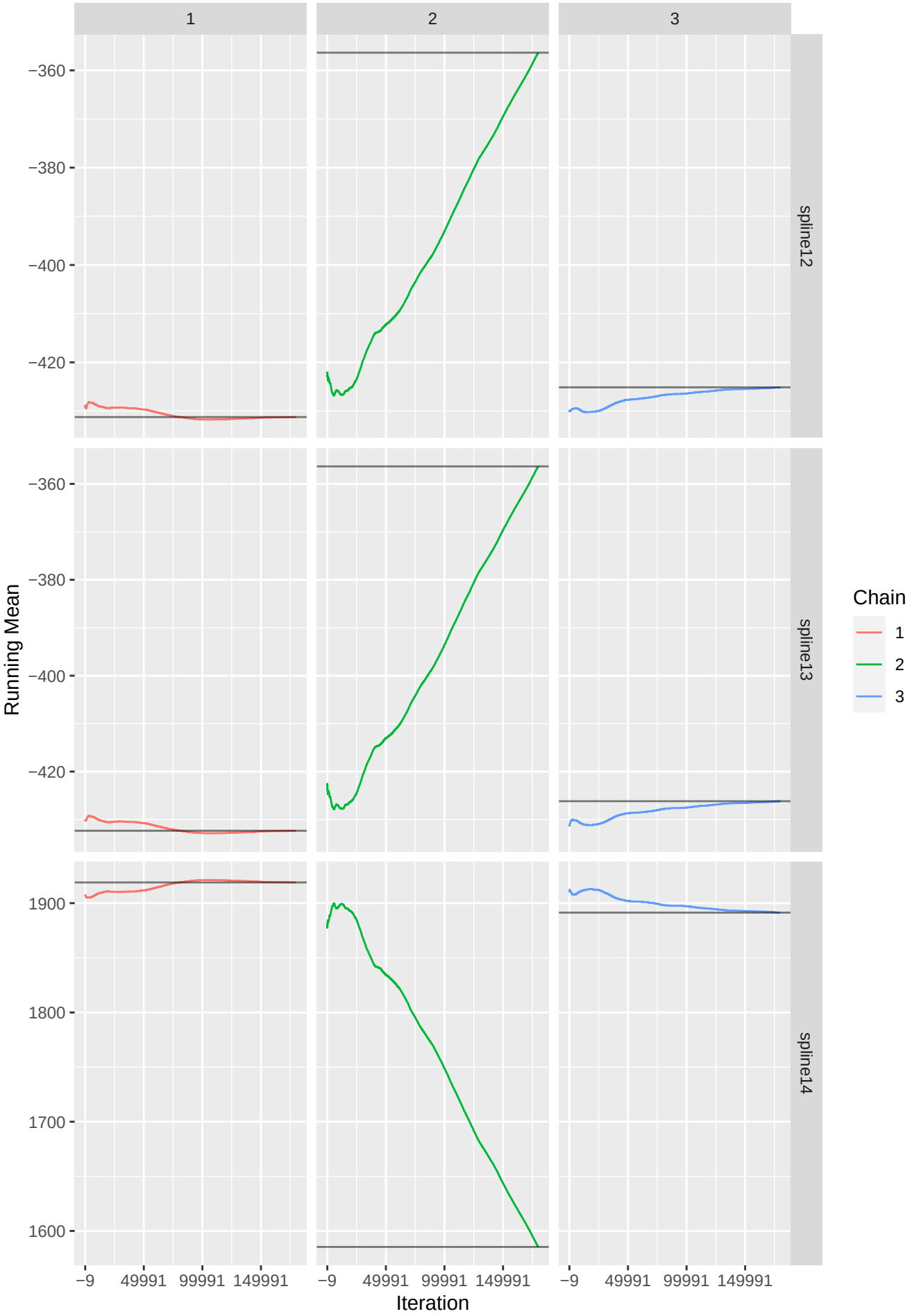

spline6
1750
1500
1250
−9
49991
99991
149991
spline7
35
30
25
20
value
spline8
−15
−20
−25
Iteration
Chain
1
2
3

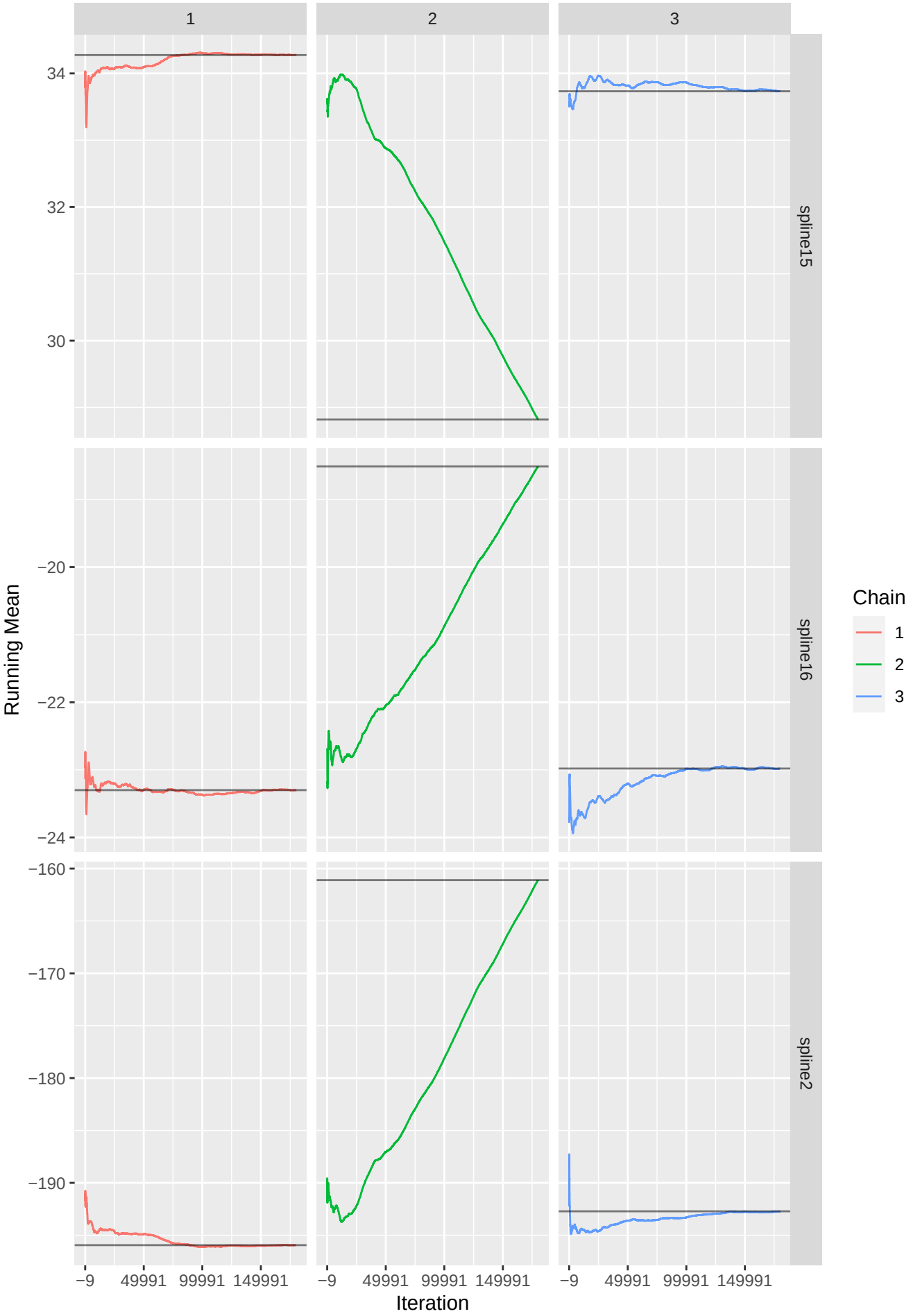

spline9
270
240
210
180
value
−9
49991
99991
149991
Iteration
Chain
1
2
3

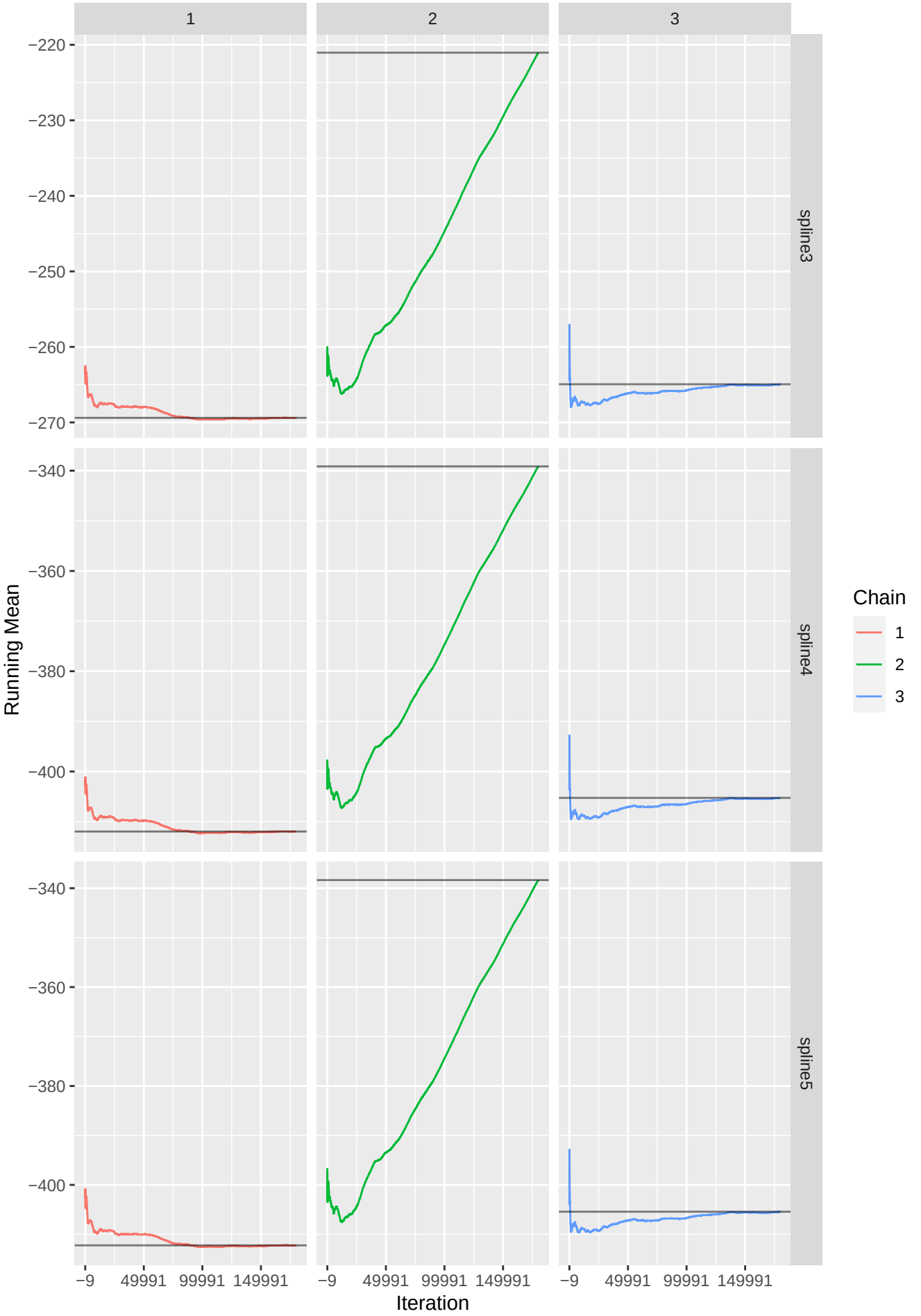

1
2
3
env.bio_10
env.bio_13
env.nontree
Running Mean
0.38
0.36
0.34
0.32
0.30
0.55
0.50
0.45
0.40
−0.15
−0.20
−0.25
−0.30
−9
49991
99991
149991
Iteration
Chain
1
2
3

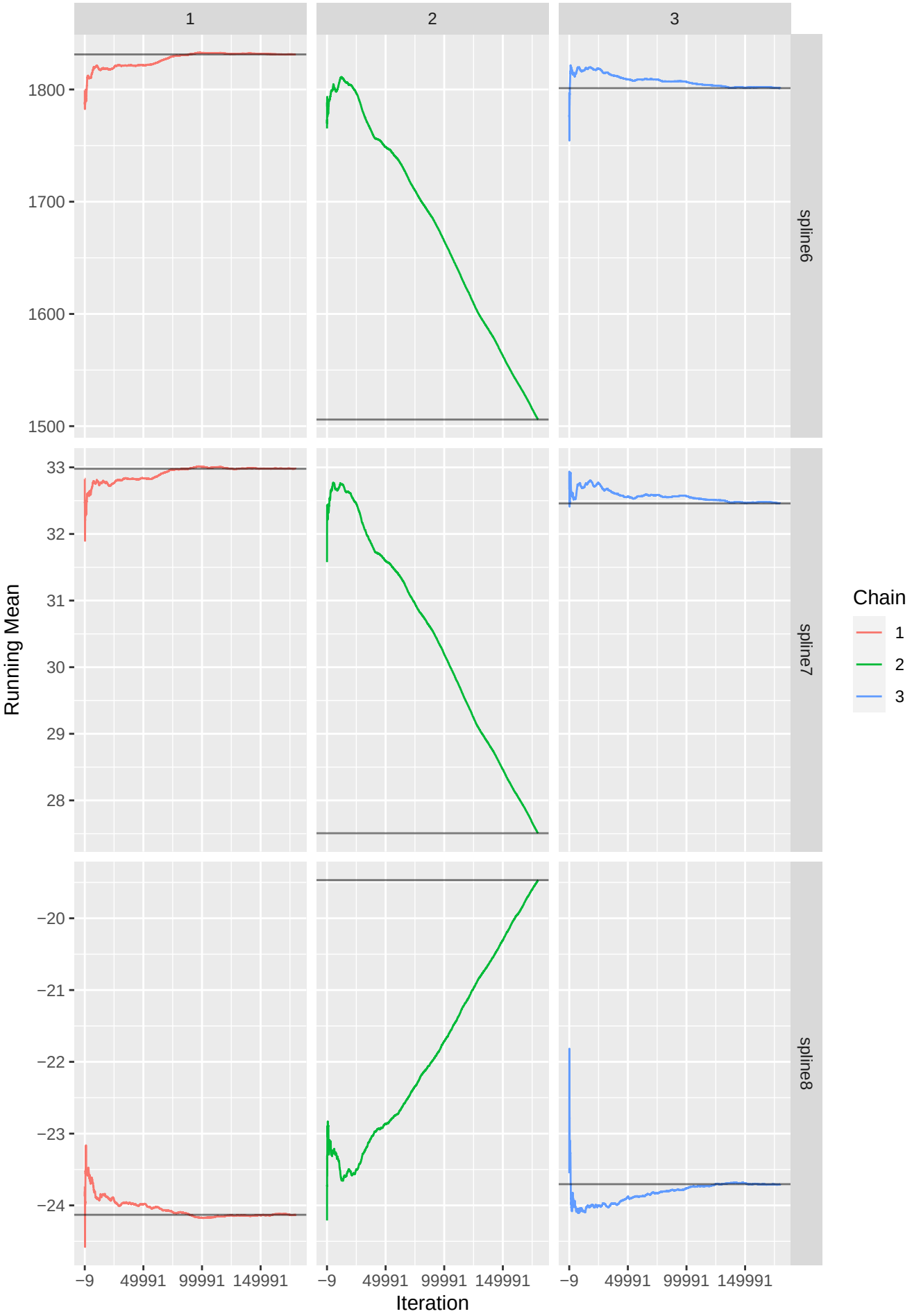

1
2
3
env.npp
expert
Intercept
Running Mean
0.50
0.45
0.40
−10
−12
−14
−16
−36
−37
−38
−9
49991
99991
149991
Iteration
Chain
1
2
3

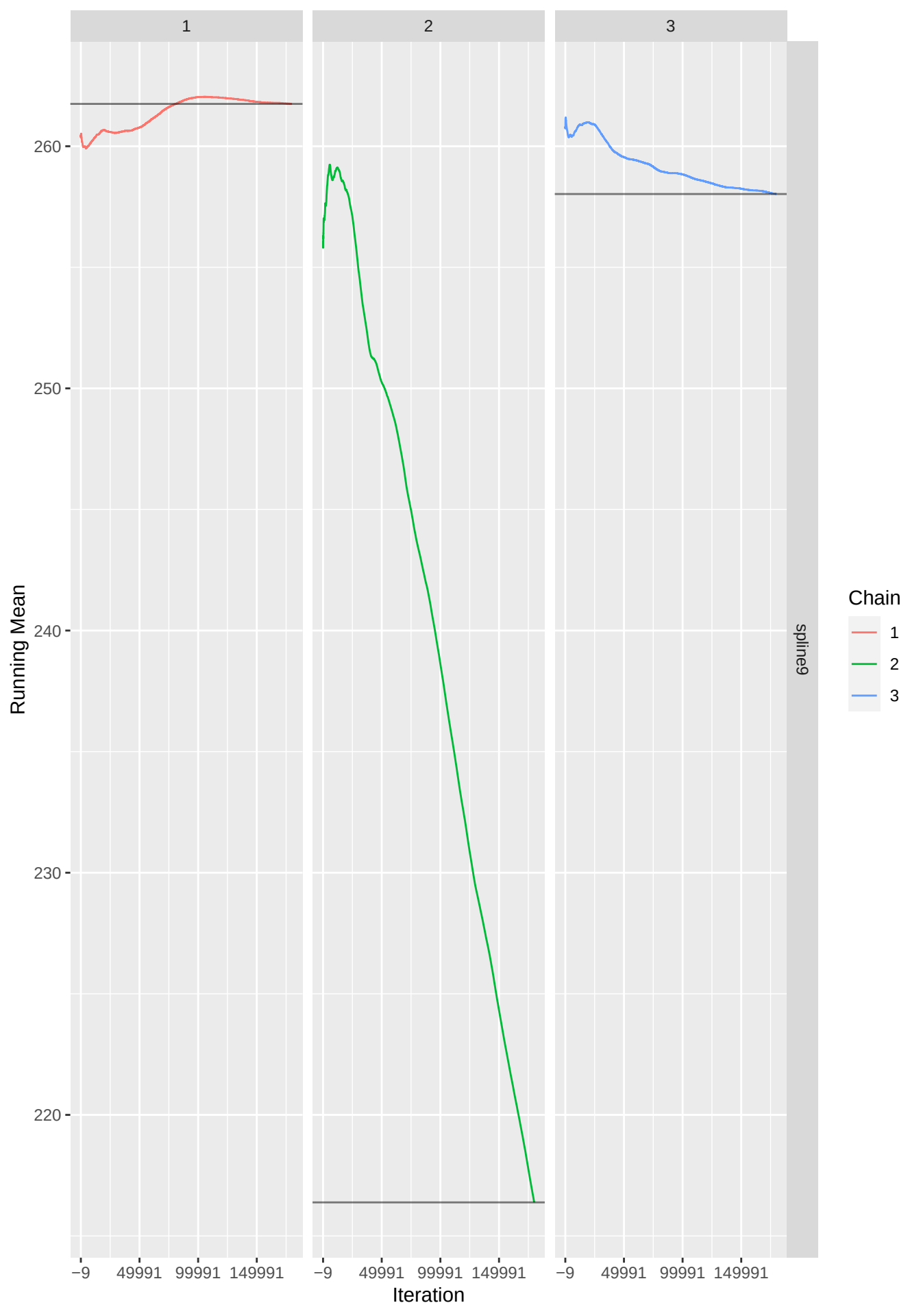

1
2
3
spline1
spline10
spline11
Running Mean
Iteration
Chain
1
2
3
250
240
230
220
210
−170
−180
−190
−200
−240
−250
−260
−270
−280
−9
49991
99991
149991

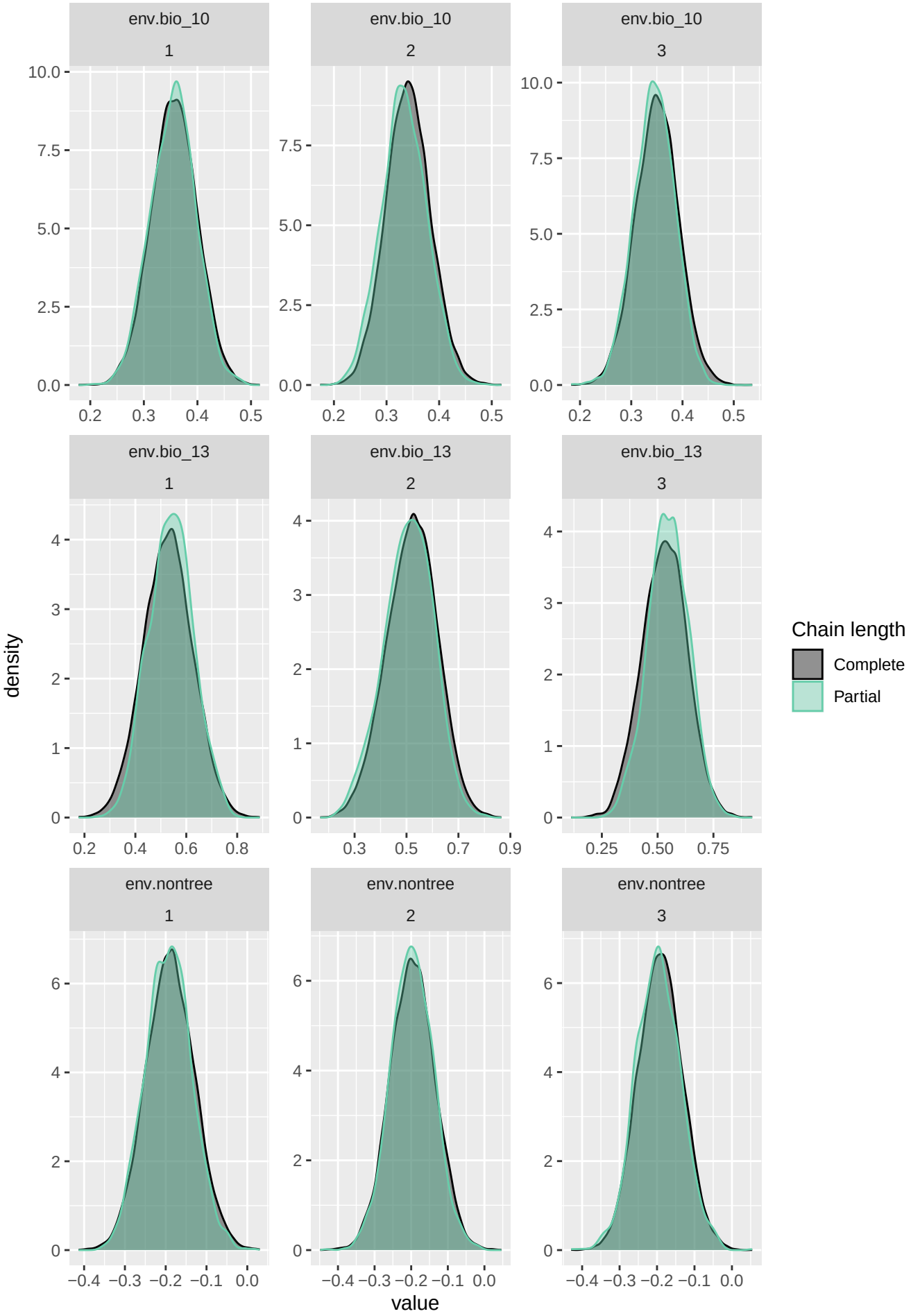

1
2
3
spline12
spline13
spline14
Running Mean
−360
−380
−400
−420
1900
1800
1700
1600
−9
49991
99991
149991
Iteration
Chain
1
2
3

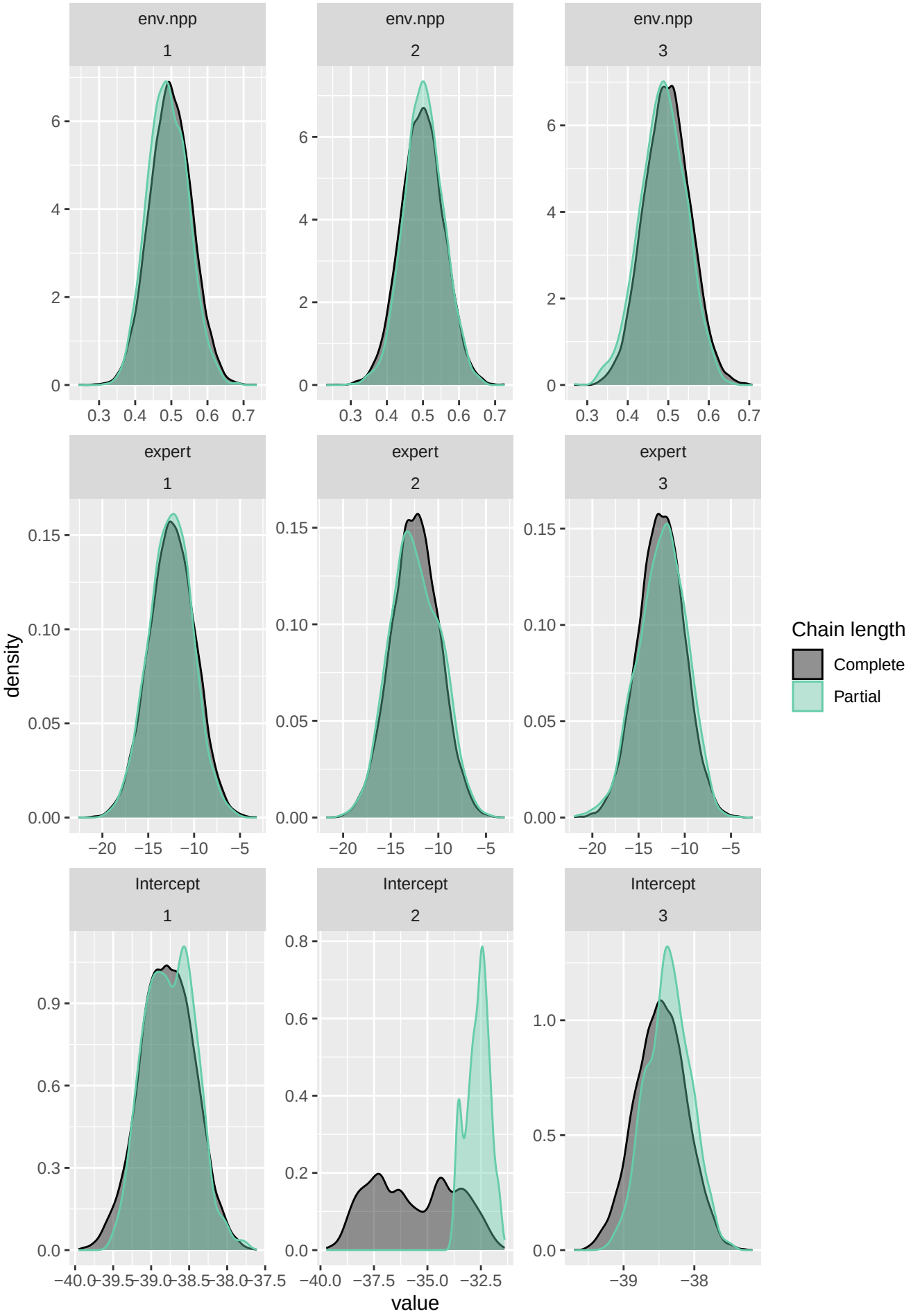

1
2
3
spline15
spline16
spline2
34
32
30
−20
−22
−24
−160
−170
−180
−190
Running Mean
−9
49991
99991
149991
Iteration
Chain
1
2
3

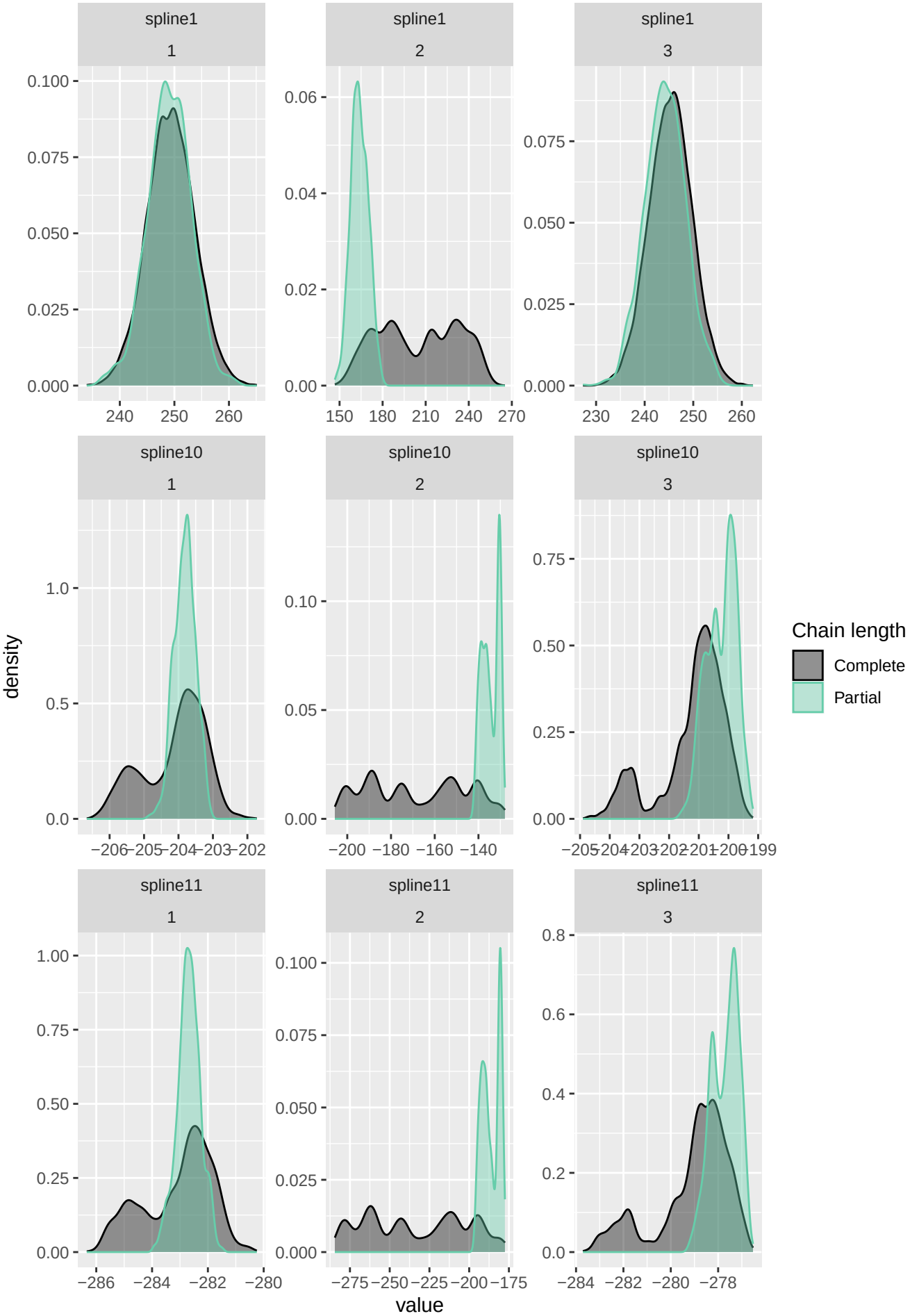

1
2
3
spline3
spline4
spline5
−220
−230
−240
−250
−260
−270
−340
−360
−380
−400
Running Mean
−9
49991
99991
149991
Iteration
Chain
1
2
3

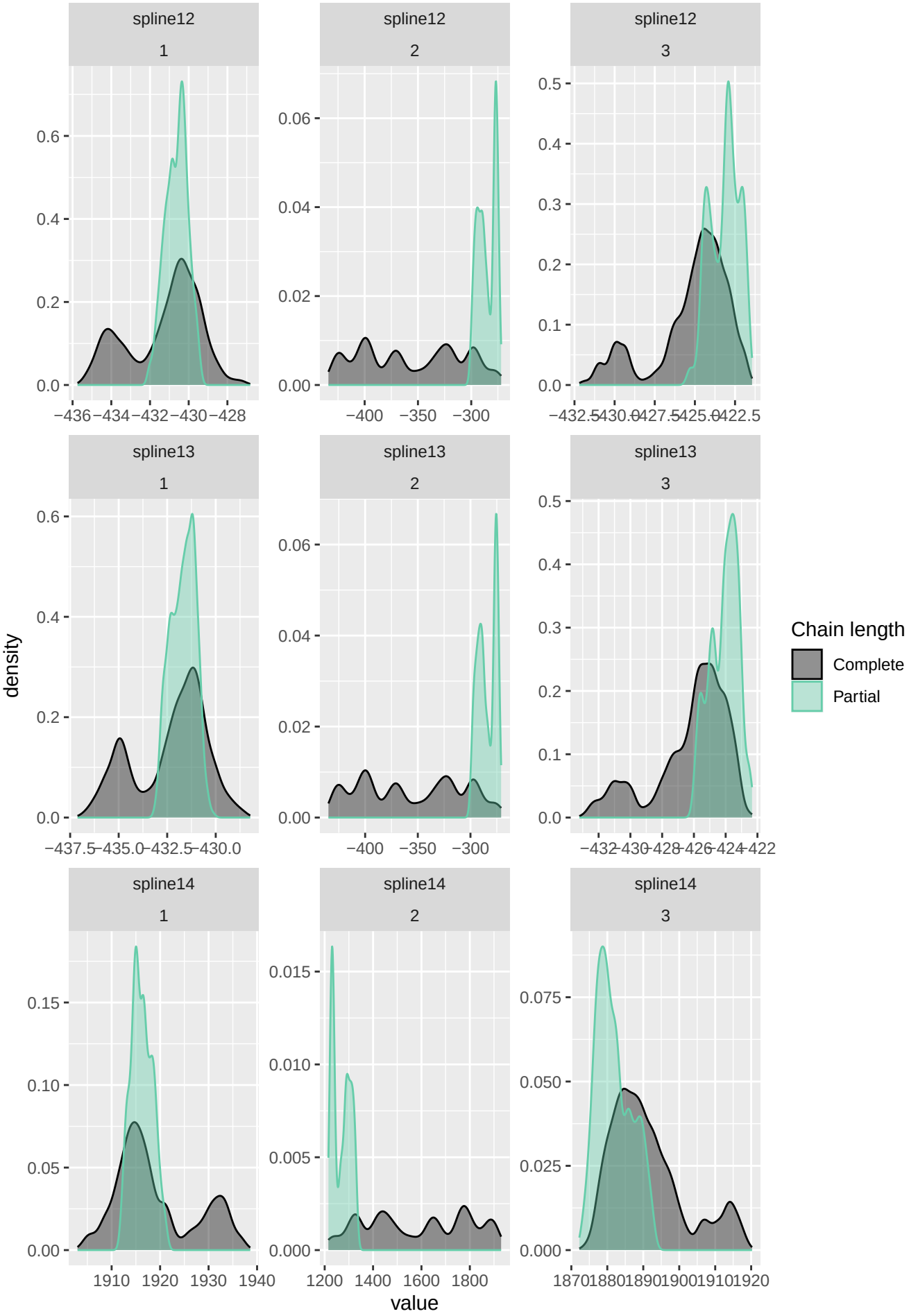

1
2
3
spline6
spline7
spline8
1800
1700
1600
1500
33
32
31
30
29
28
−20
−21
−22
−23
−24
Running Mean
−9
49991
99991
149991
Iteration
Chain
1
2
3

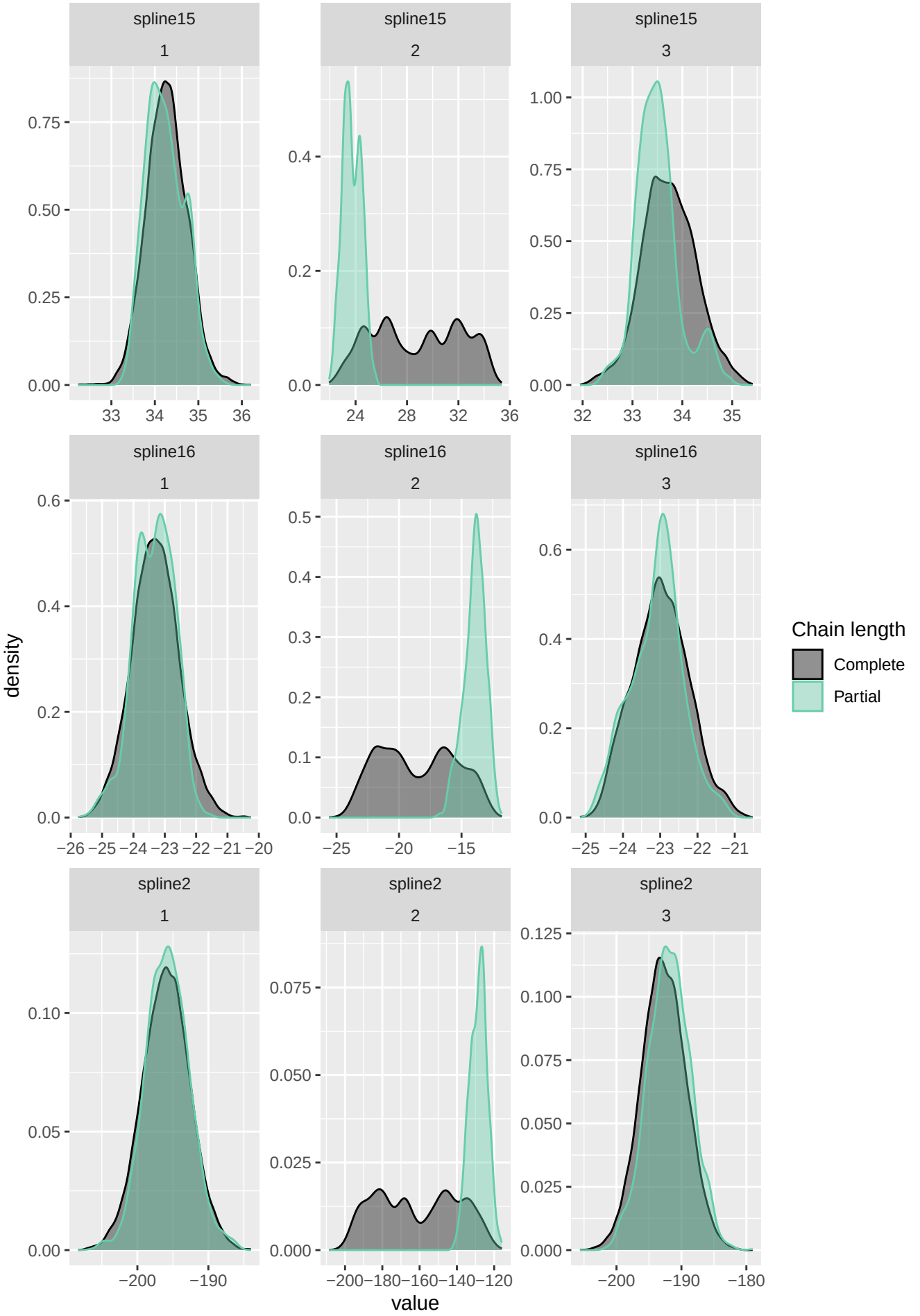

1
2
3
260
250
240
230
220
Running Mean
−9
49991
99991
149991
Iteration
spline9
Chain
1
2
3

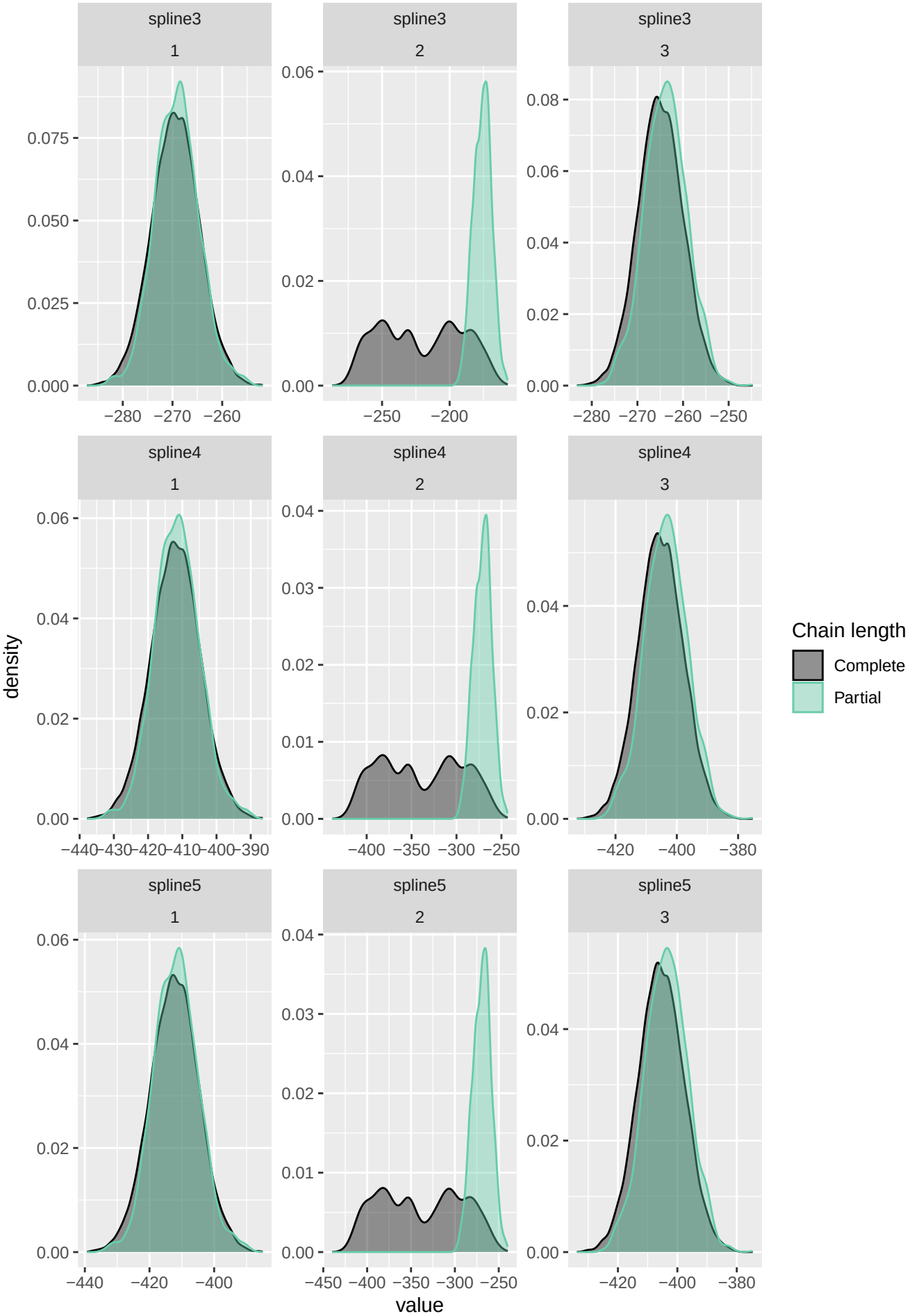

env.bio_10
1
env.bio_10
2
env.bio_10
3
env.bio_13
1
env.bio_13
2
env.bio_13
3
env.nontree
1
env.nontree
2
env.nontree
3
density
value
Chain length
Complete
Partial

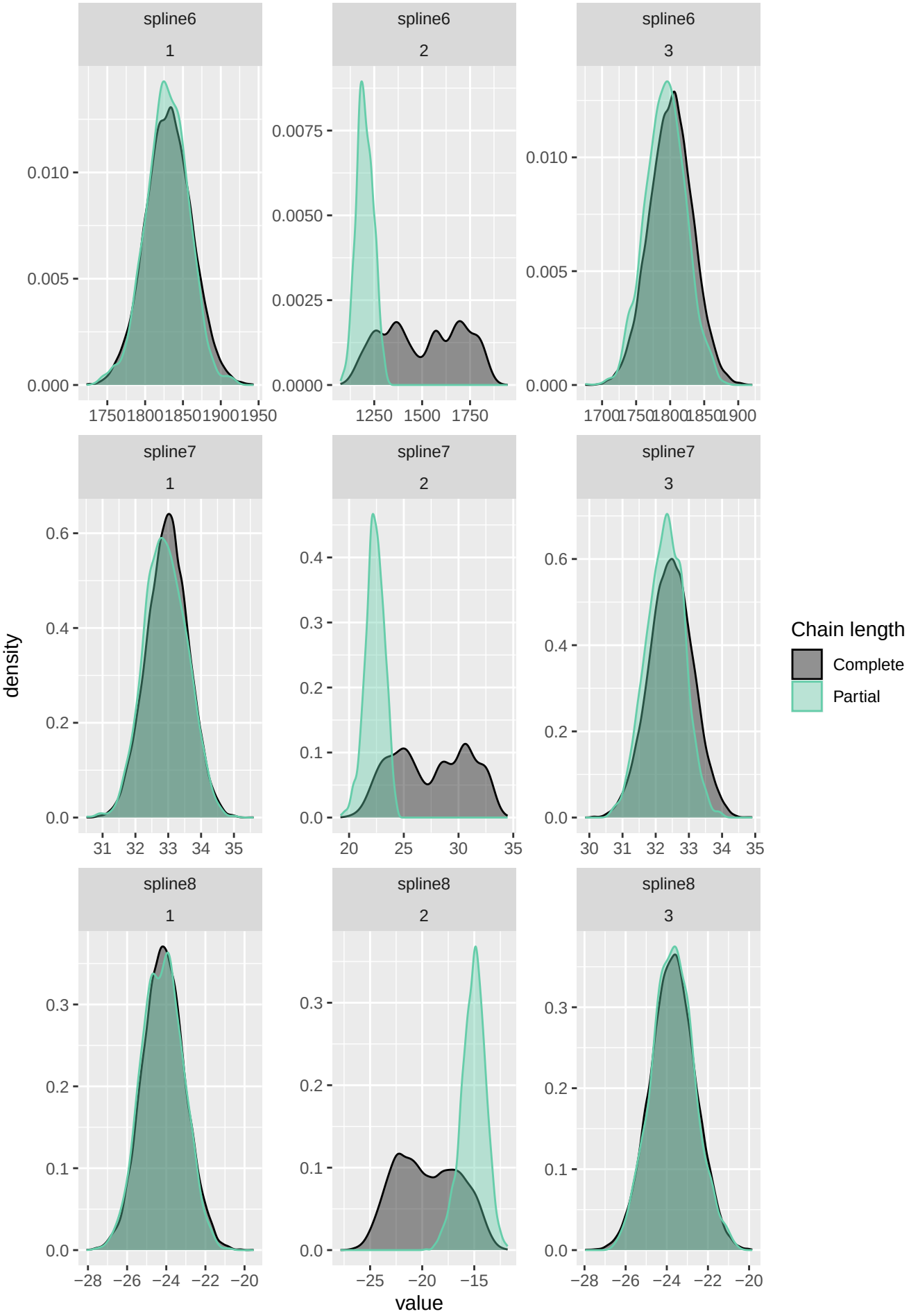

env.npp
1
env.npp
2
env.npp
3
expert
1
expert
2
expert
3
Intercept
1
Intercept
2
Intercept
3
density
value
Chain length
Complete
Partial

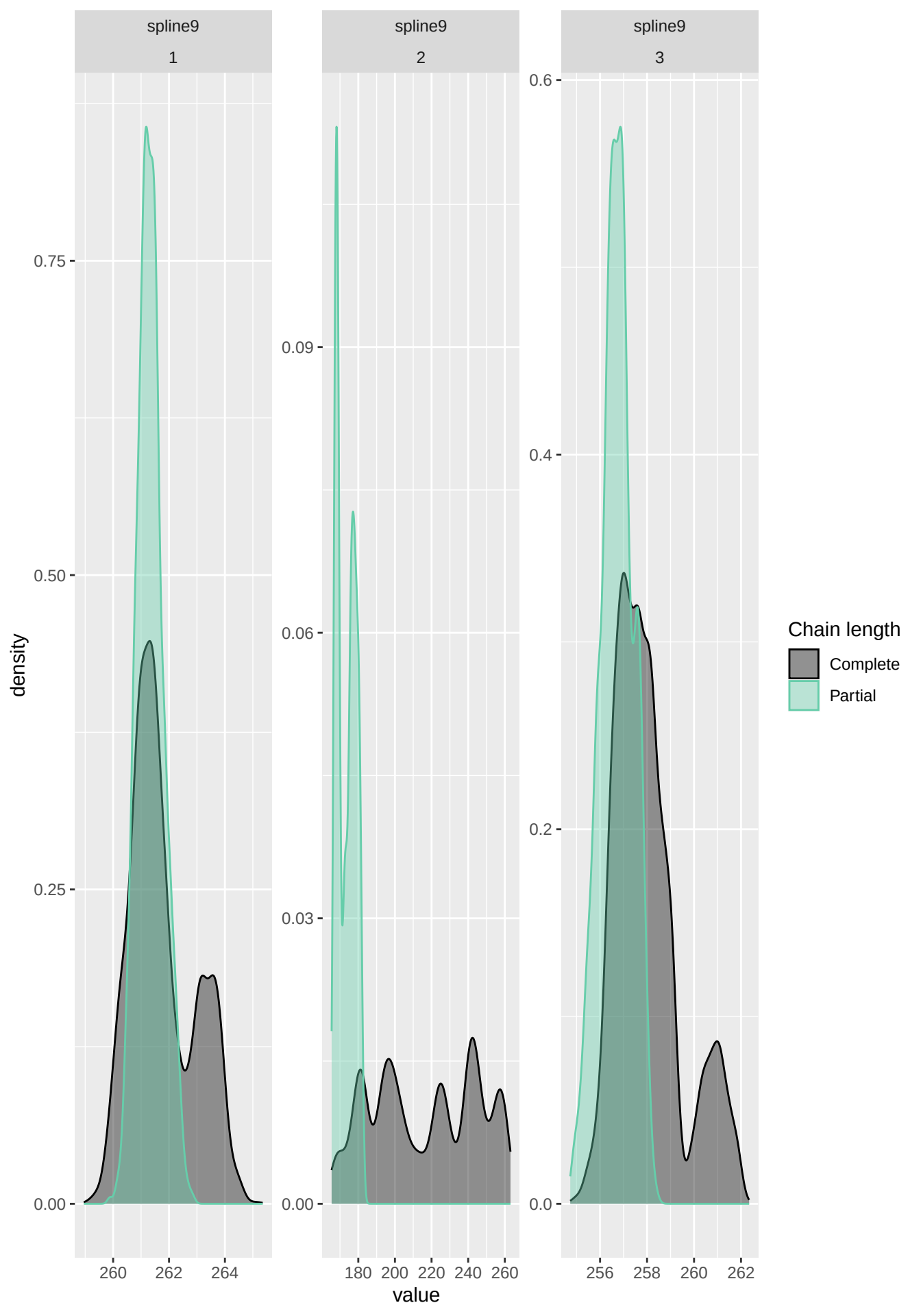

spline1
1
spline1
2
spline1
3
spline10
1
spline10
2
spline10
3
spline11
1
spline11
2
spline11
3
density
value
Chain length
Complete
Partial

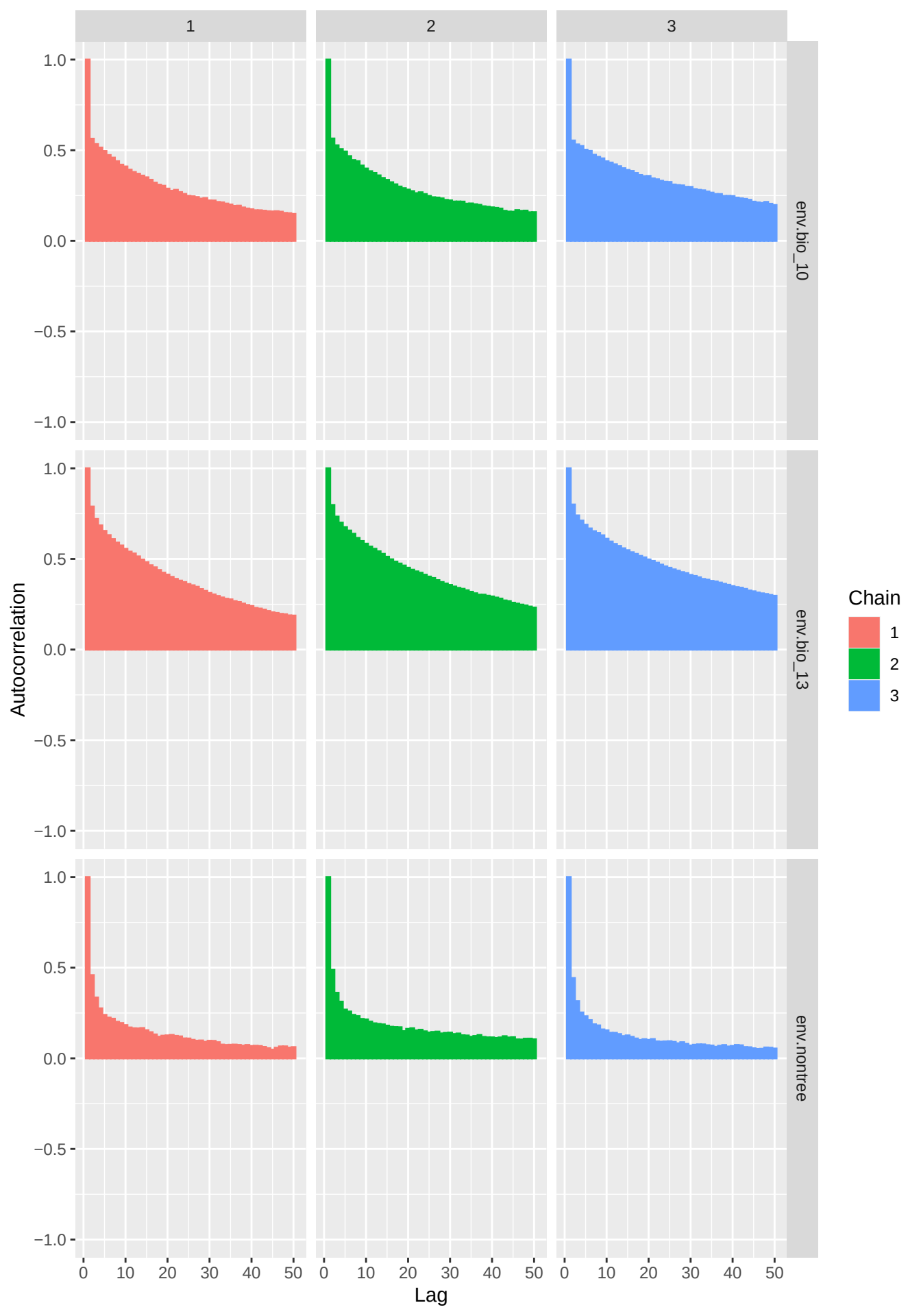

spline12
1
spline12
2
spline12
3
spline13
1
spline13
2
spline13
3
spline14
1
spline14
2
spline14
3
density
value
Chain length
Complete
Partial

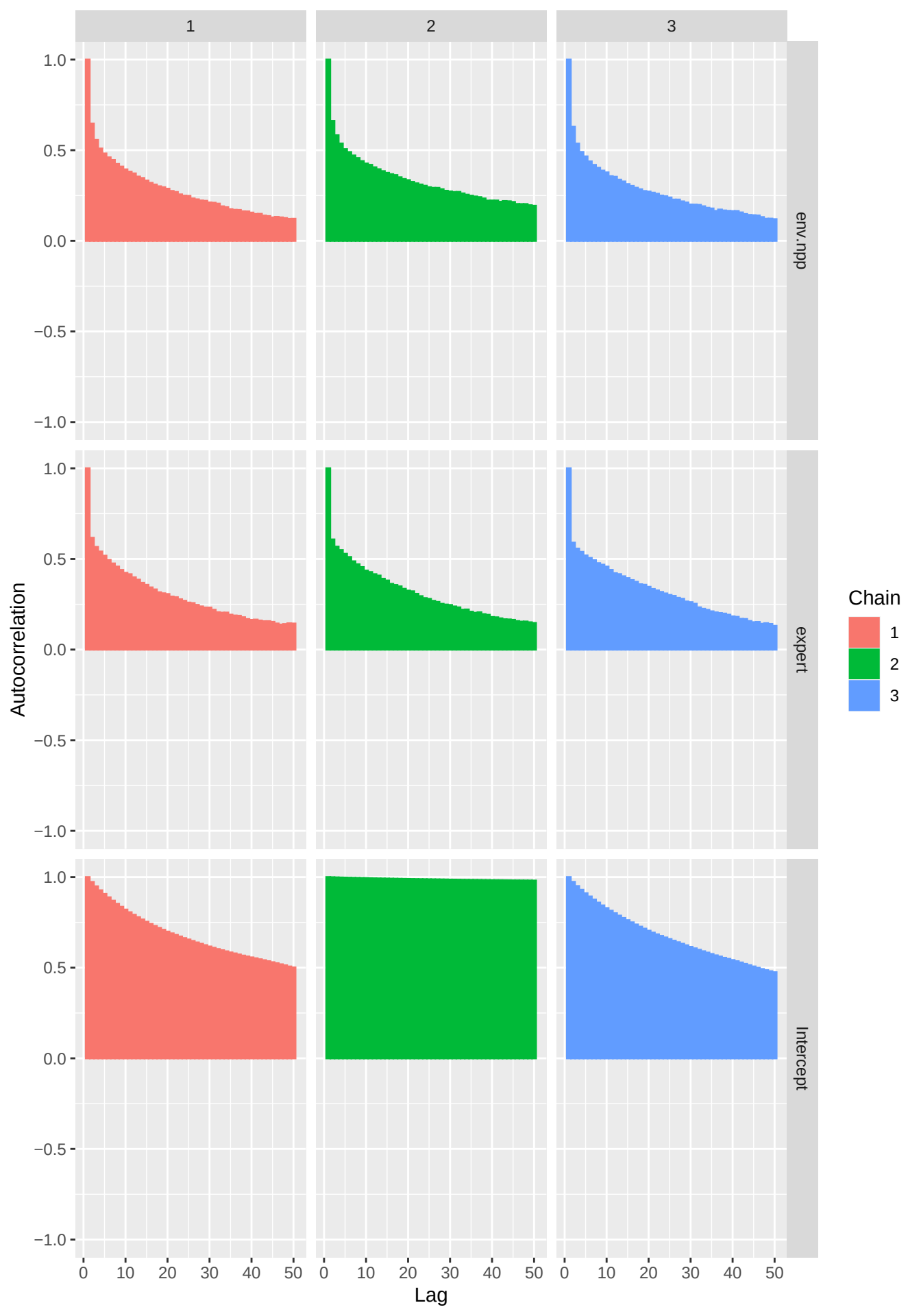

spline15
1
spline15
2
spline15
3
spline16
1
spline16
2
spline16
3
spline2
1
spline2
2
spline2
3
density
value
Chain length
Complete
Partial

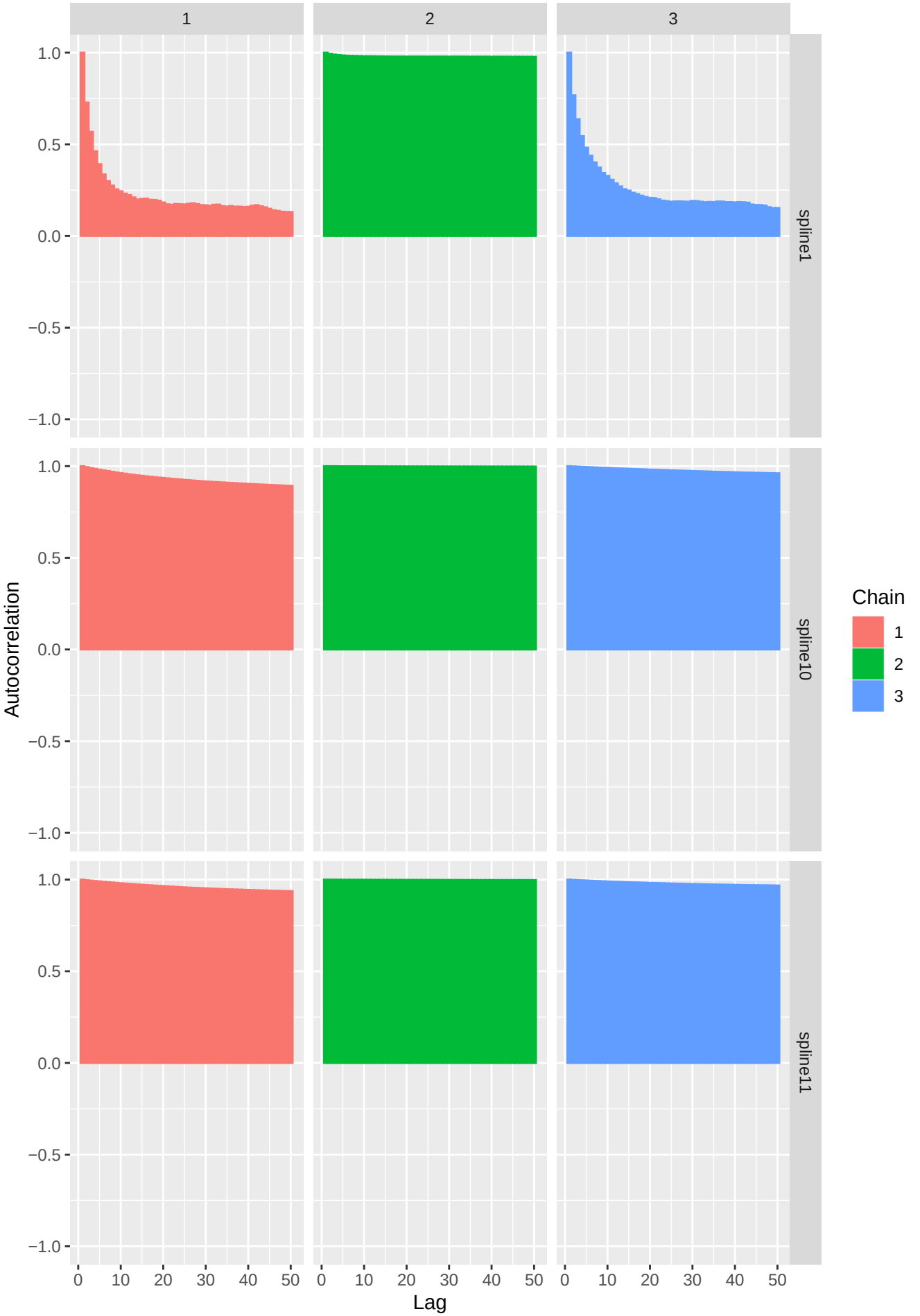

spline3
1
spline3
2
spline3
3
spline4
1
spline4
2
spline4
3
spline5
1
spline5
2
spline5
3
density
value
Chain length
Complete
Partial

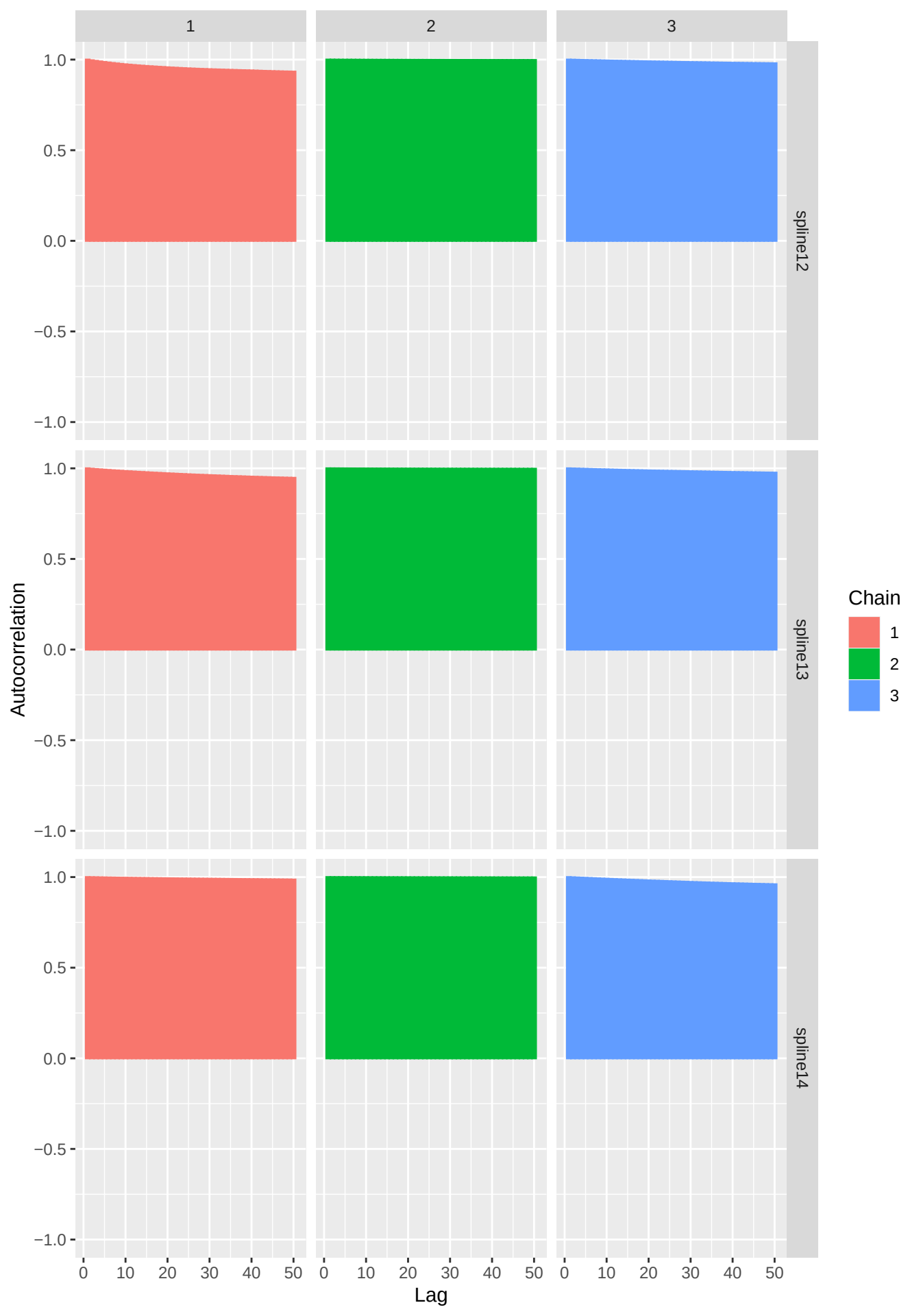

spline6
1
spline6
2
spline6
3
spline7
1
spline7
2
spline7
3
spline8
1
spline8
2
spline8
3
density
value
Chain length
Complete
Partial

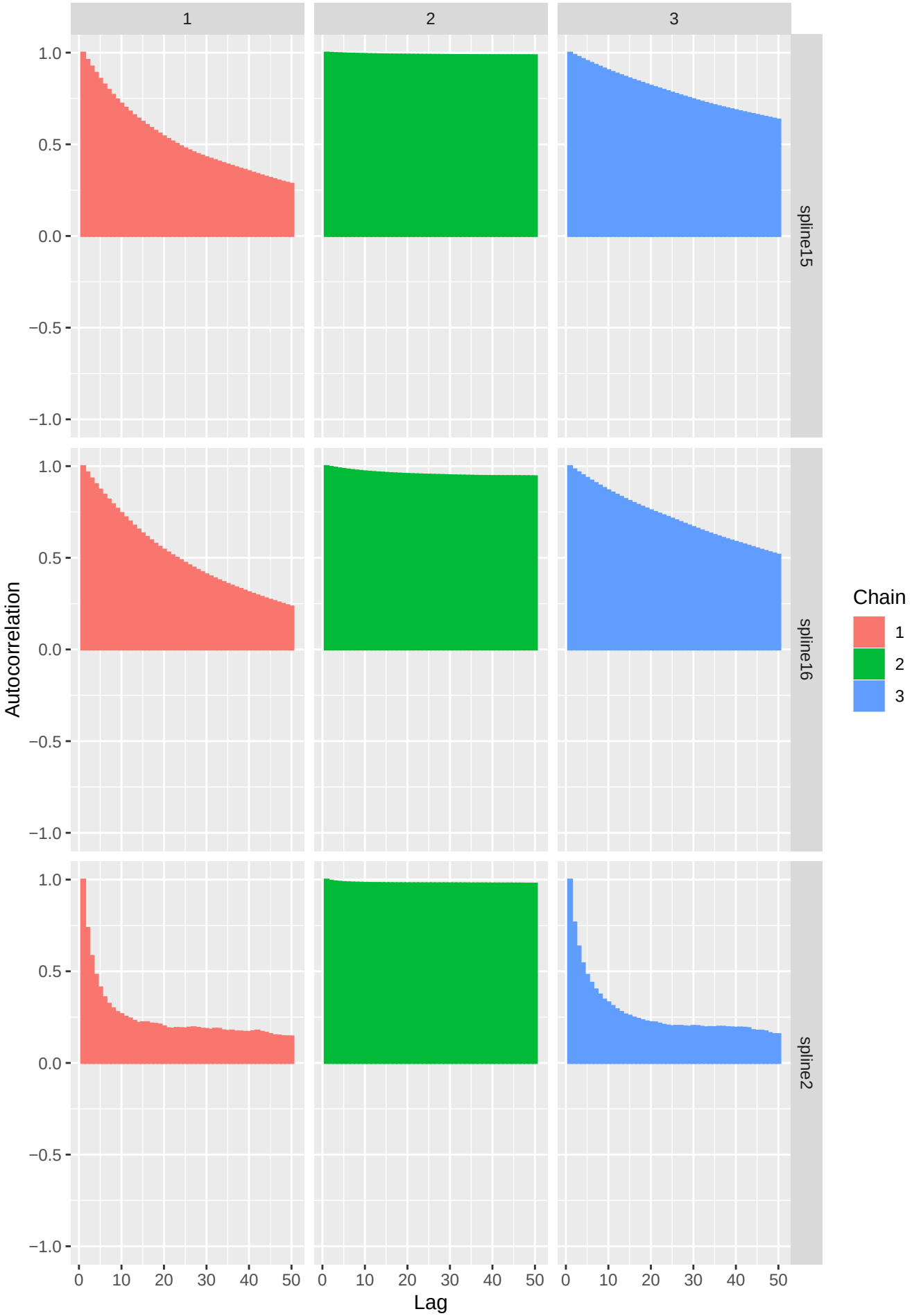

spline9
1
spline9
2
spline9
3
density
0.75
0.50
0.25
0.00
0.09
0.06
0.03
0.00
0.6
0.4
0.2
0.0
260
262
264
180
200
220
240
260
256
258
260
262
value
Chain length
Complete
Partial

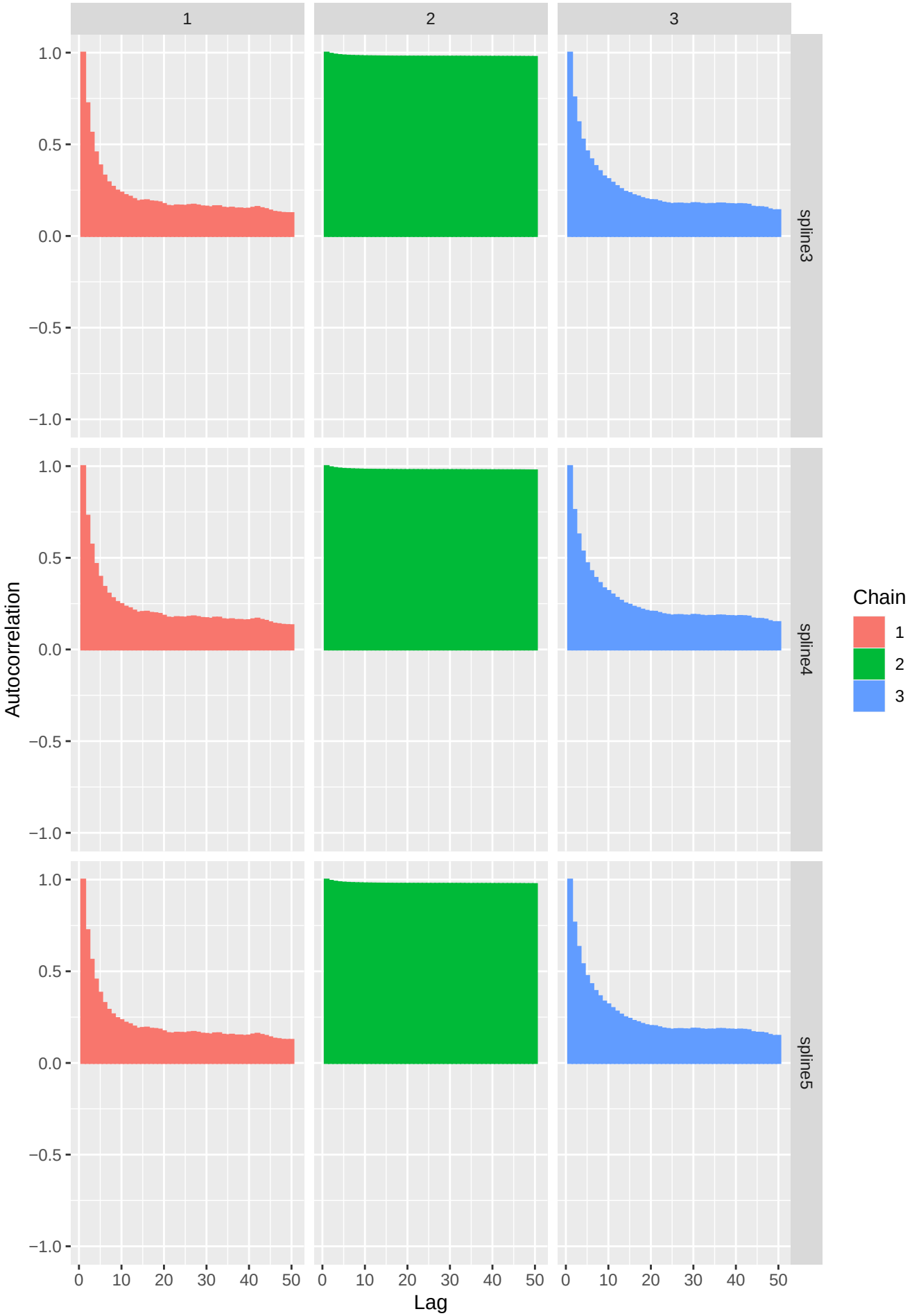

1
2
3
env.bio_10
env.bio_13
env.nontree
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3

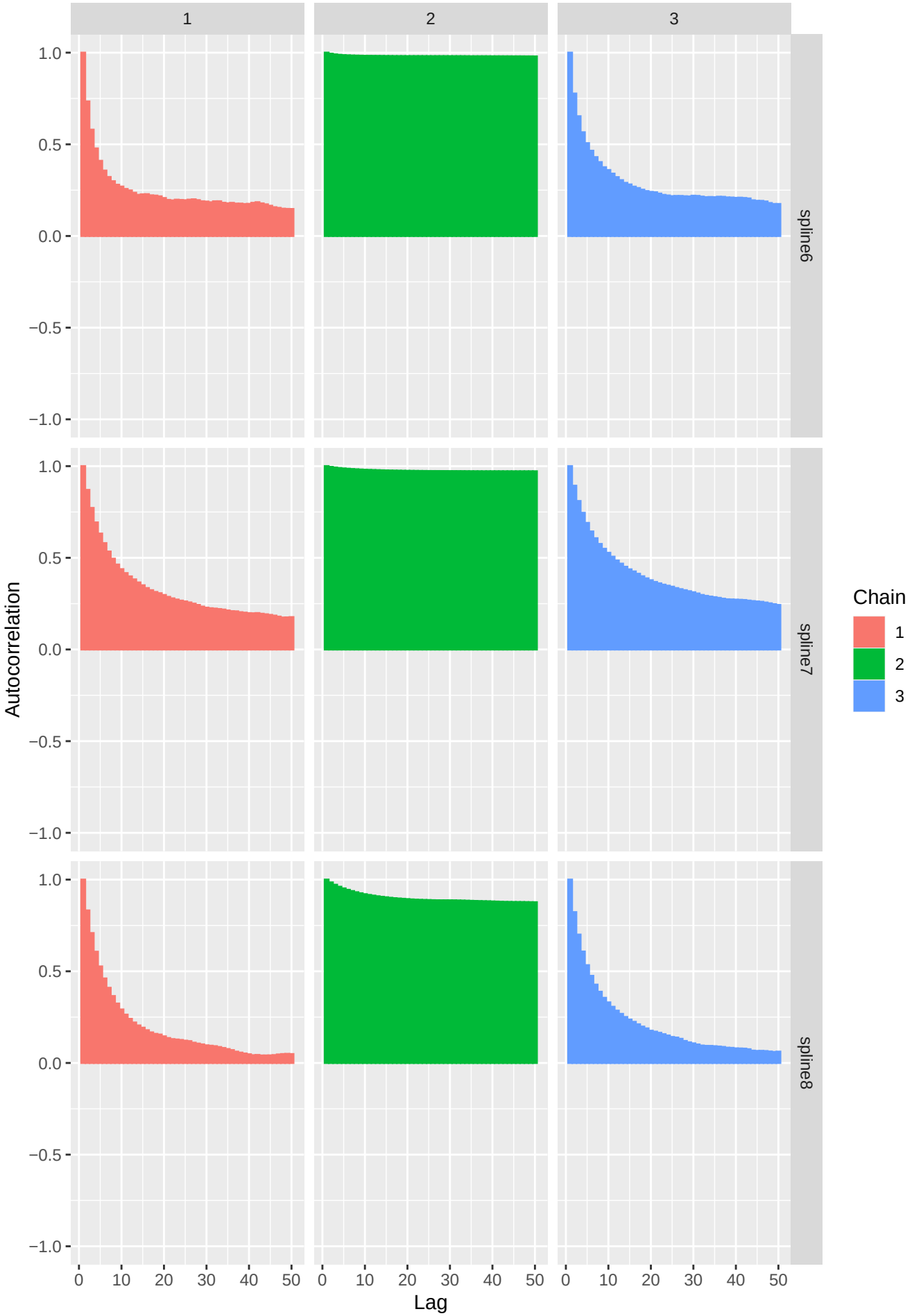

1
2
3
env.npp
expert
Intercept
Autocorrelation
Lag
Chain
1
2
3
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50

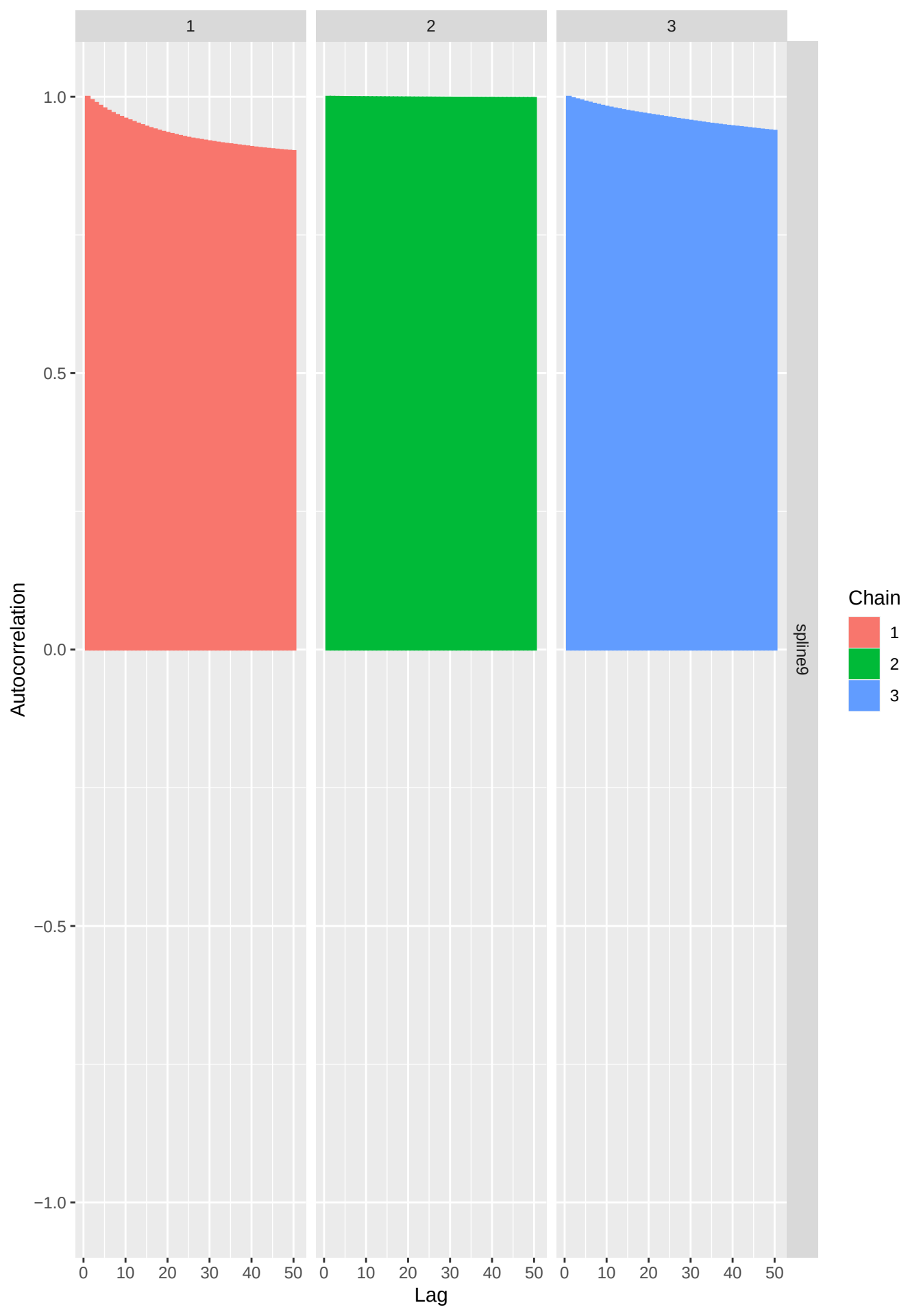

1
2
3
spline1
spline10
spline11
Autocorrelation
Lag
Chain
1
2
3
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50

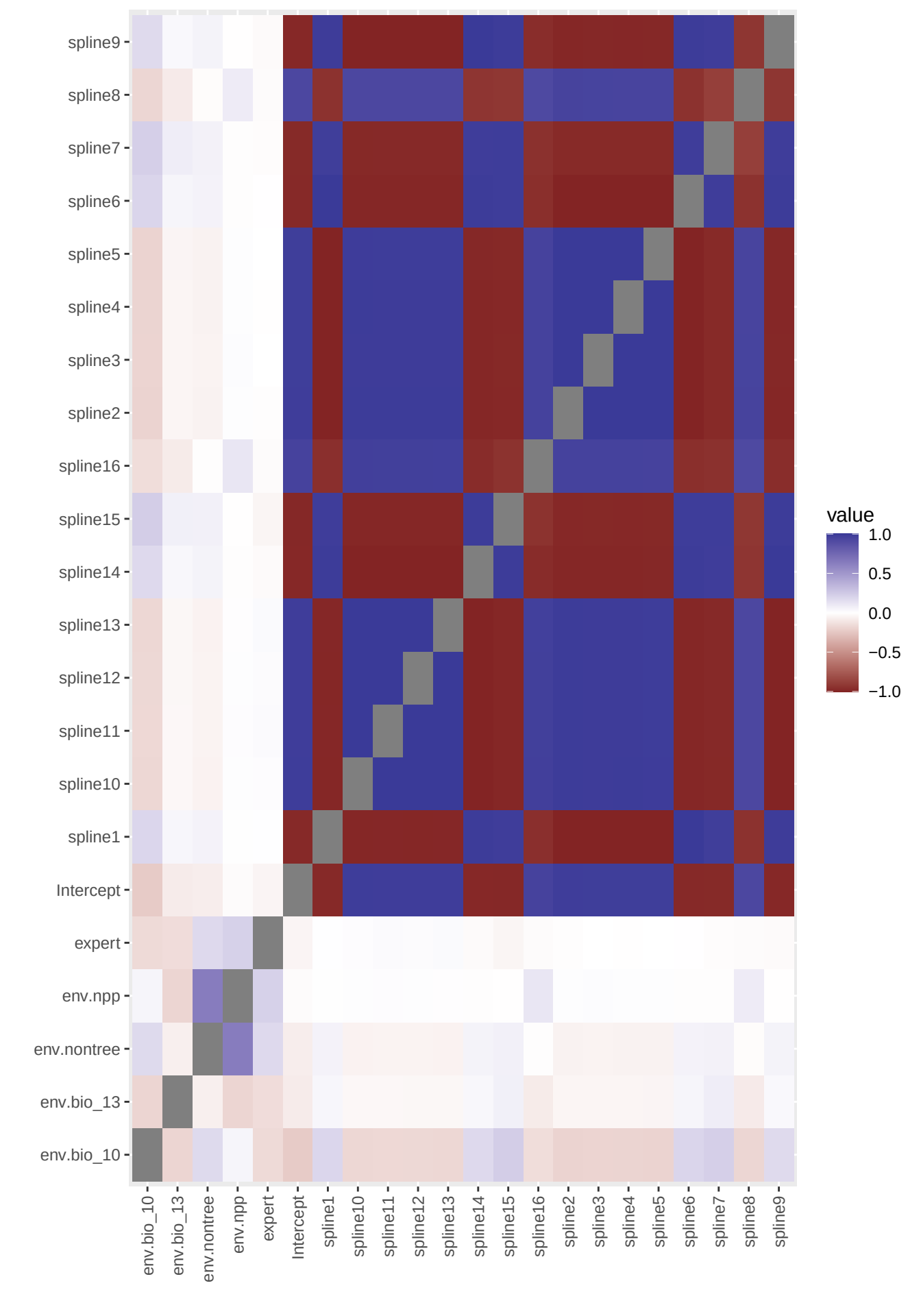

1
2
3
spline12
spline13
spline14
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3

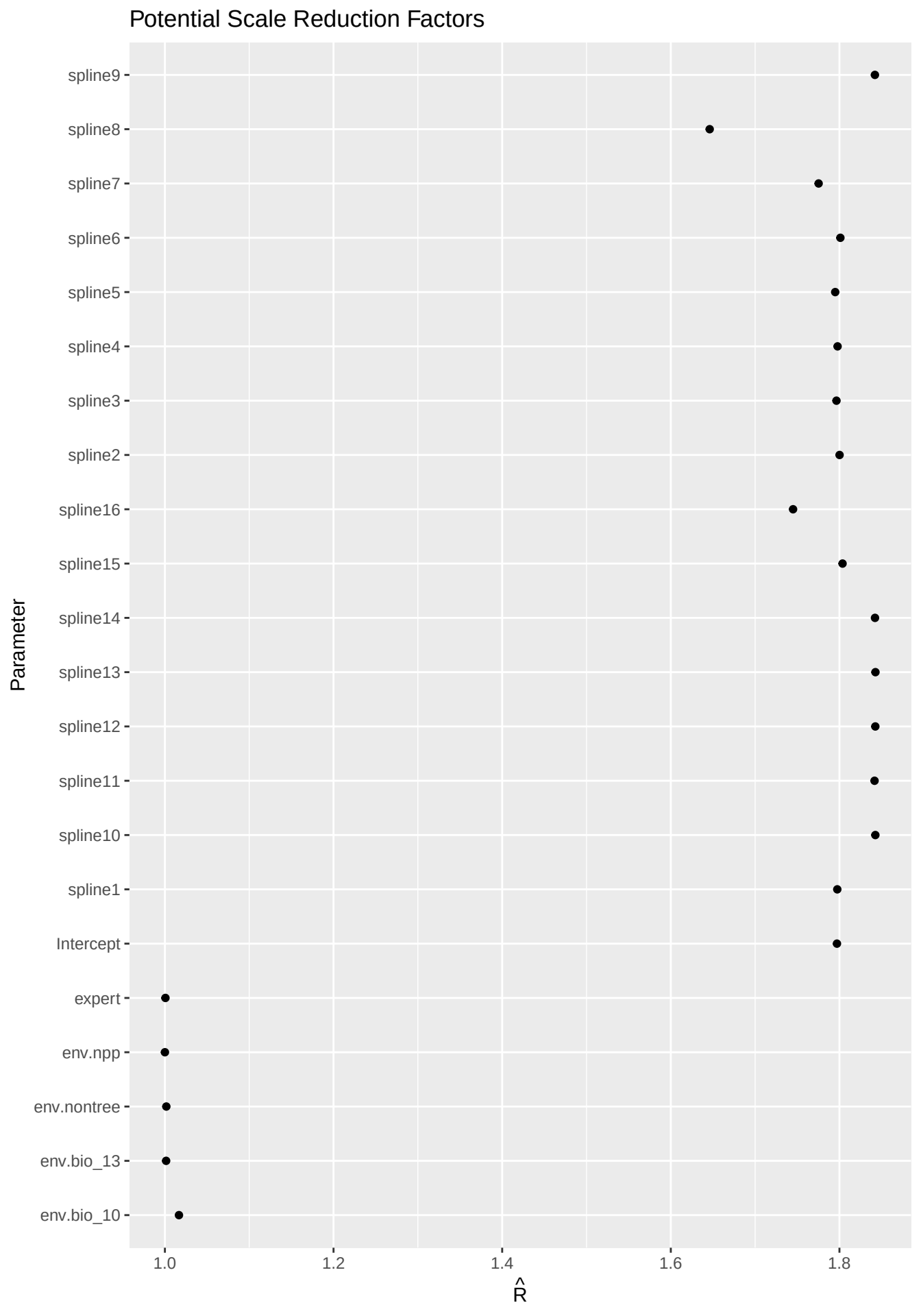

1
2
3
spline15
spline16
spline2
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3

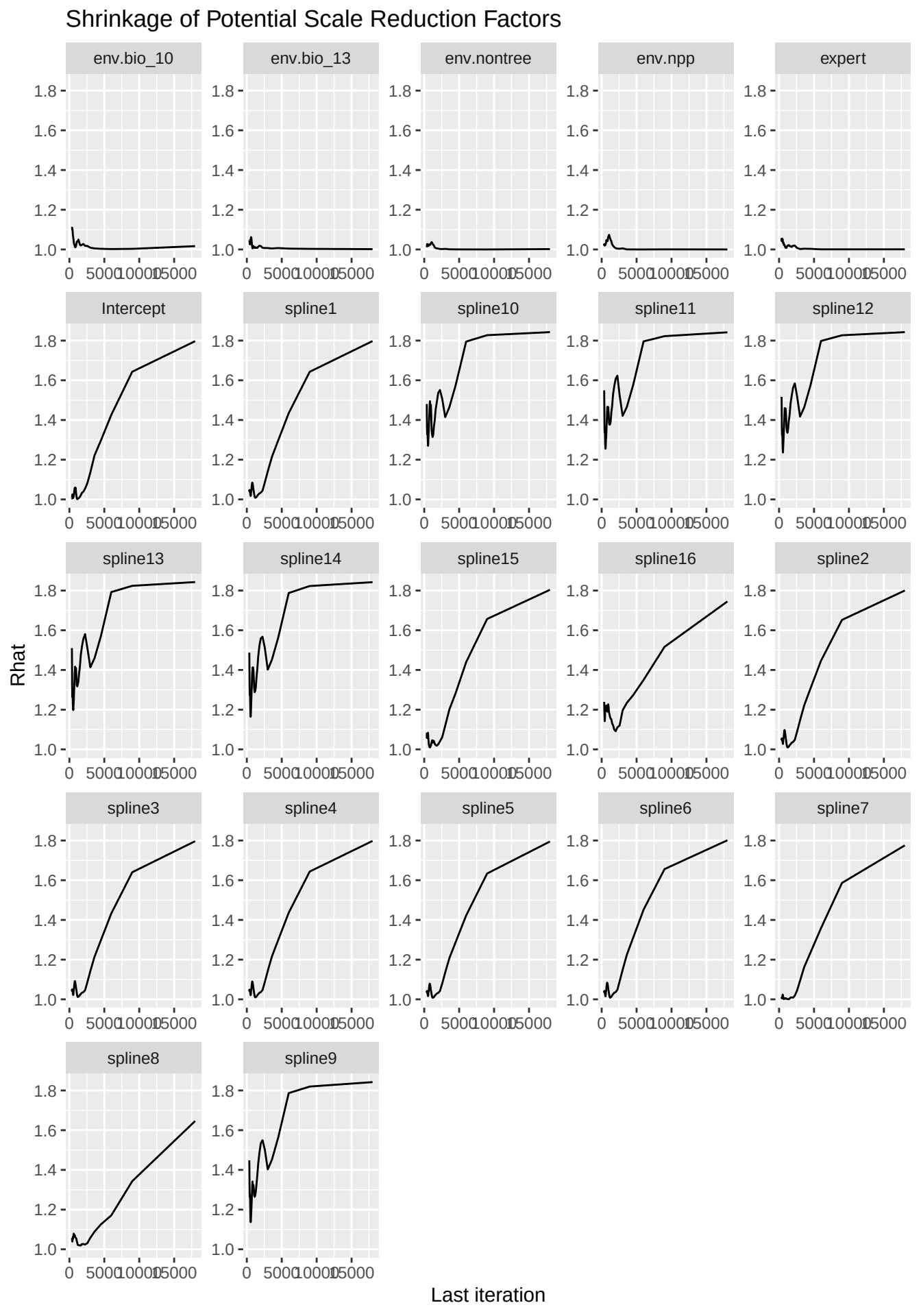

1
2
3
spline3
spline4
spline5
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3

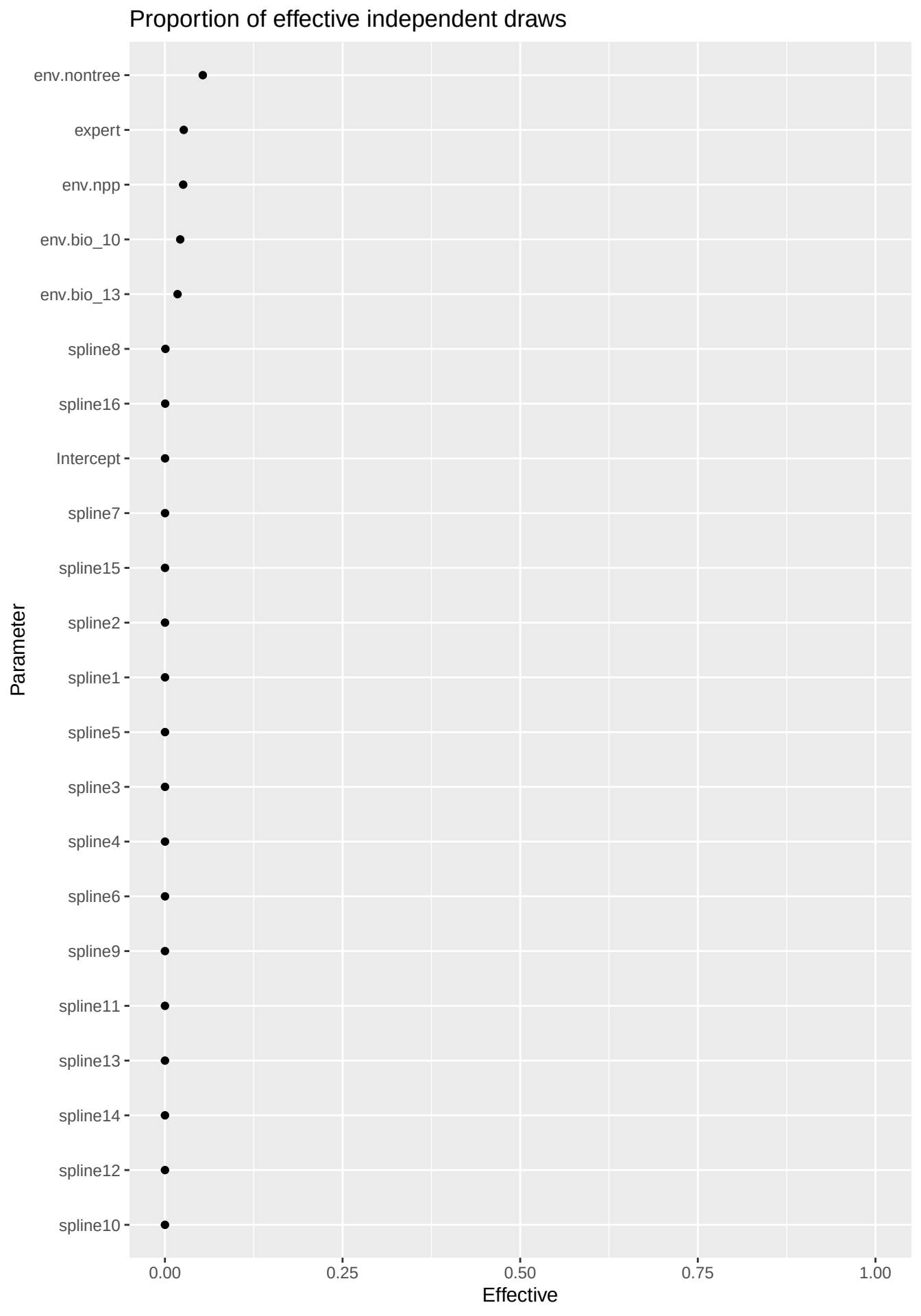

1
2
3
spline6
spline7
spline8
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3

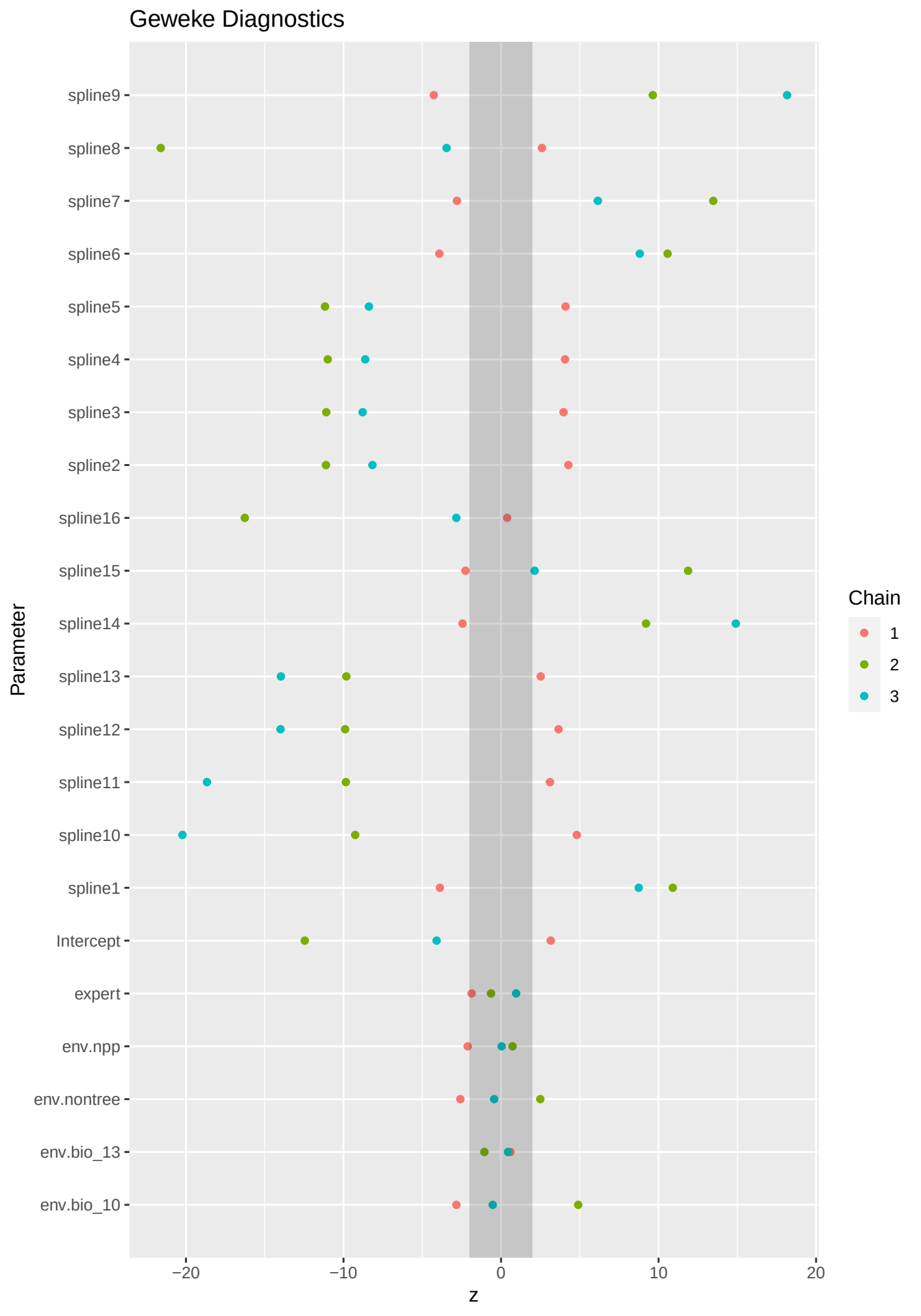

1
2
3
1.0
0.5
0.0
−0.5
−1.0
Autocorrelation
0
10
20
30
40
50
Lag
spline9
Chain
1
2
3

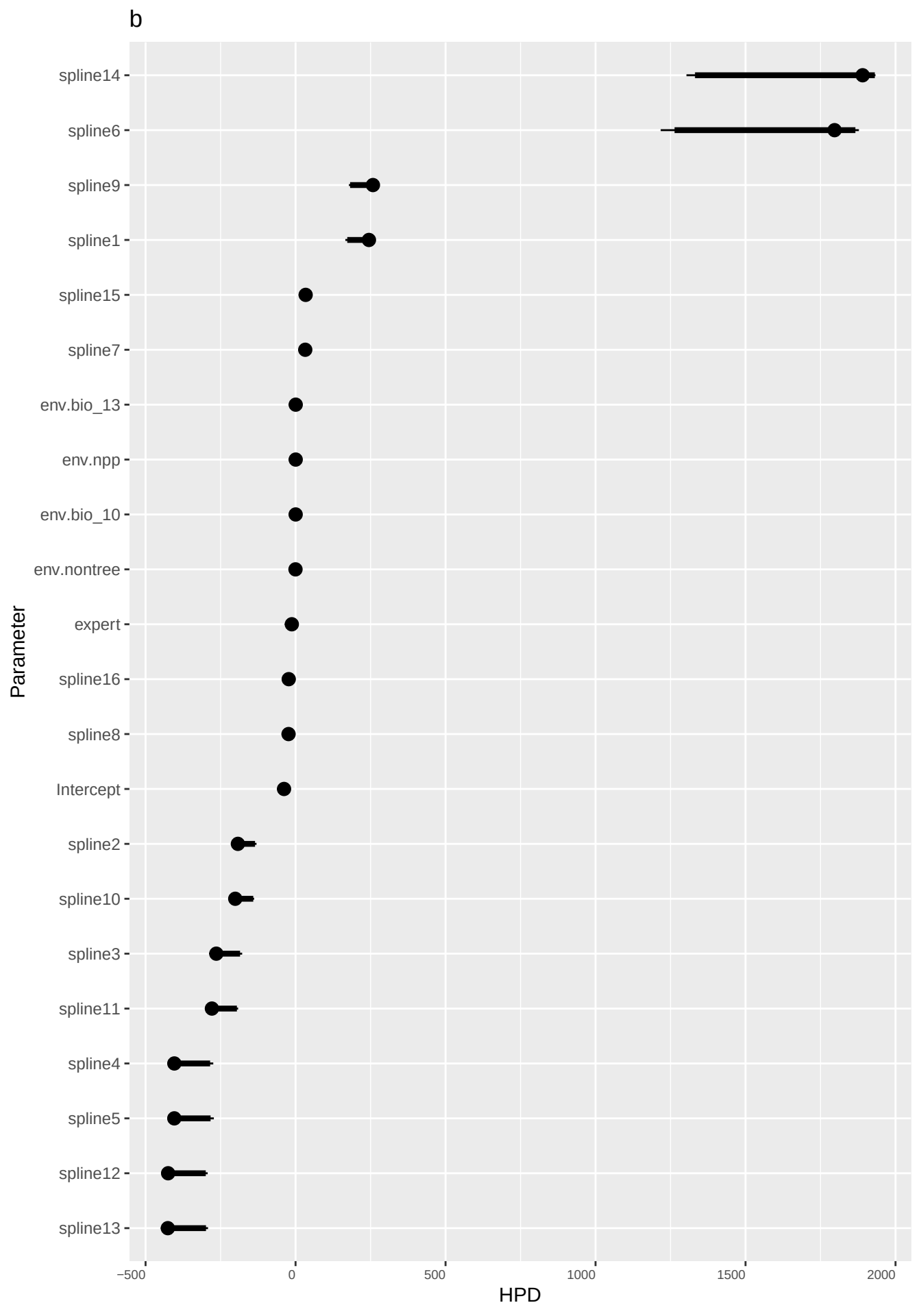

spline9
spline8
spline7
spline6
spline5
spline4
spline3
spline2
spline16
spline15
spline14
spline13
spline12
spline11
spline10
spline1
Intercept
expert
env.npp
env.nontree
env.bio_13
env.bio_10
env.bio_10
env.bio_13
env.nontree
env.npp
expert
Intercept
spline1
spline10
spline11
spline12
spline13
spline14
spline15
spline16
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
spline16
spline15
spline14
spline13
spline12
spline11
spline10
spline1
Intercept
expert
env.npp
env.nontree
env.bio_13
env.bio_10
Parameter
1.0
1.2
1.4
1.6
1.8
R̂


Shrinkage of Potential Scale Reduction Factors
env.bio_10
env.bio_13
env.nontree
env.npp
expert
Intercept
spline1
spline10
spline11
spline12
spline13
spline14
spline15
spline16
spline2
spline3
spline4
spline5
spline6
spline7
spline8
spline9
Rhat
Last iteration
1.0
1.2
1.4
1.6
1.8
0
5000
10000
15000


Proportion of effective independent draws
env.nontree
expert
env.npp
env.bio_10
env.bio_13
spline8
spline16
Intercept
spline7
spline15
spline2
spline1
spline5
spline3
spline4
spline6
spline9
spline11
spline13
spline14
spline12
spline10
Parameter
0.00
0.25
0.50
0.75
1.00
Effective


Geweke Diagnostics
spline9
spline8
spline7
spline6
spline5
spline4
spline3
spline2
spline16
spline15
spline14
spline13
spline12
spline11
spline10
spline1
Intercept
expert
env.npp
env.nontree
env.bio_13
env.bio_10
Parameter
−20
−10
0
10
20
z
Chain
1
2
3


b
spline14
spline6
spline9
spline1
spline15
spline7
env.bio_13
env.npp
env.bio_10
env.nontree
expert
spline16
spline8
Intercept
spline2
spline10
spline3
spline11
spline4
spline5
spline12
spline13
Parameter
−500
0
500
1000
1500
2000
HPD