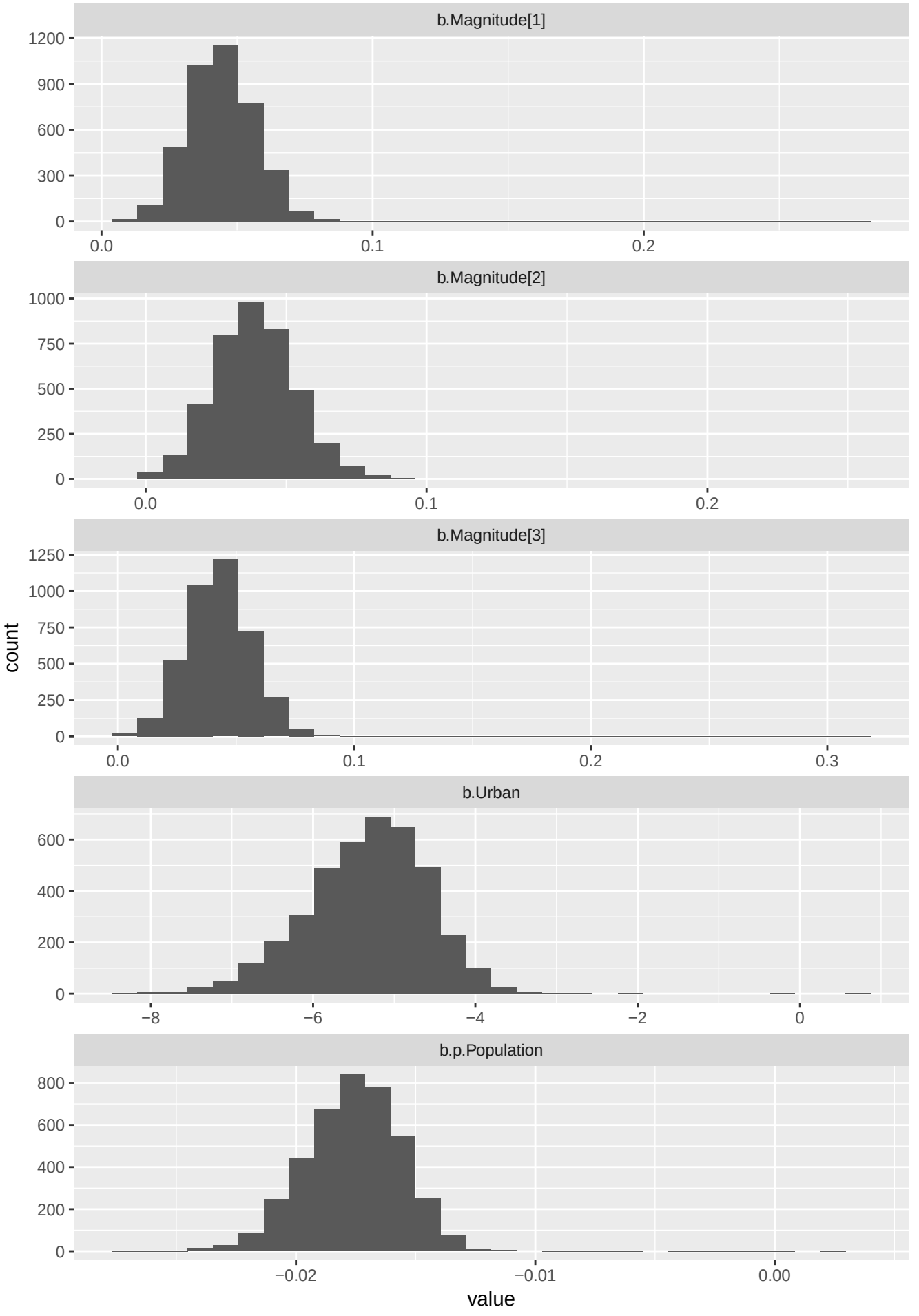
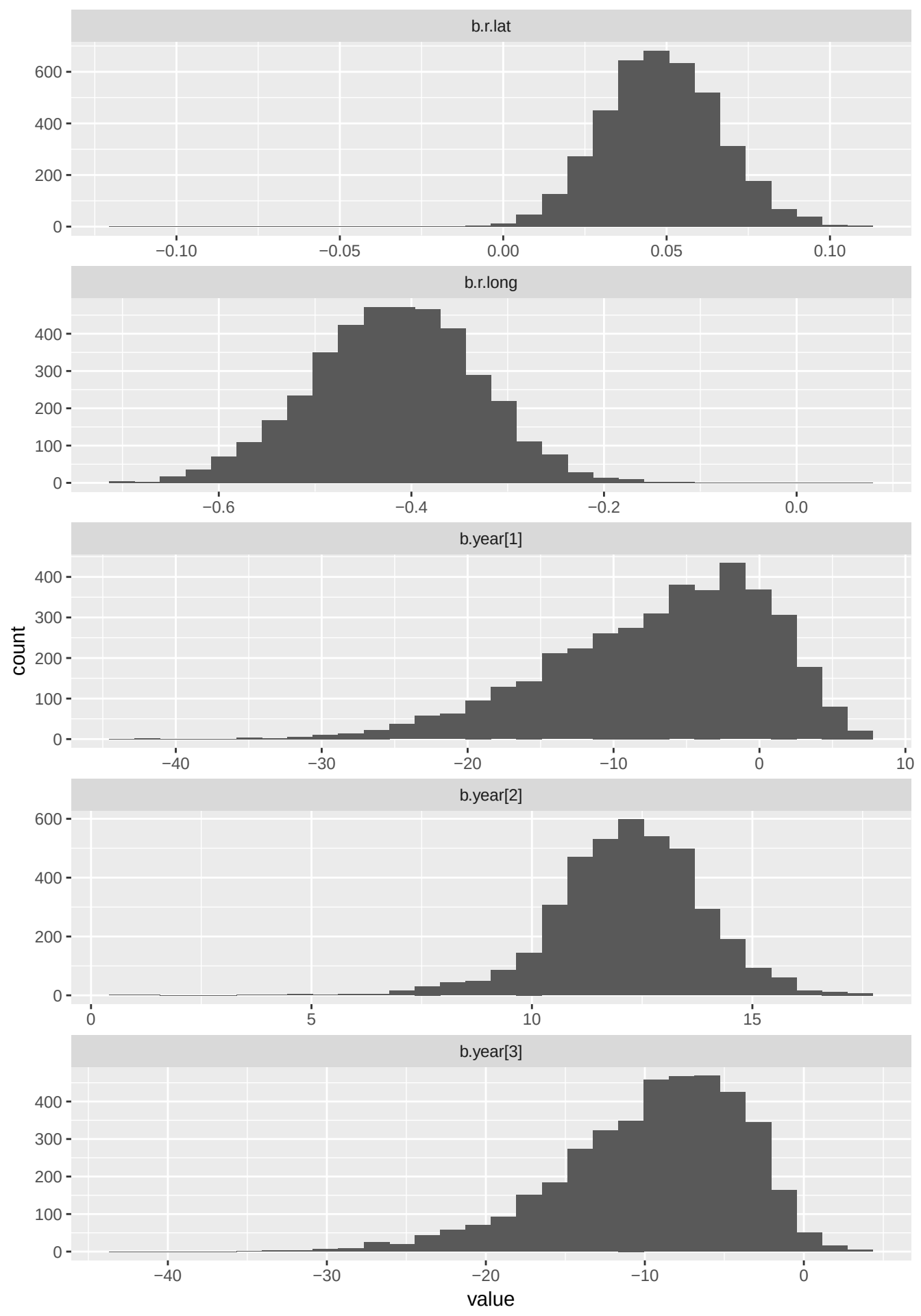
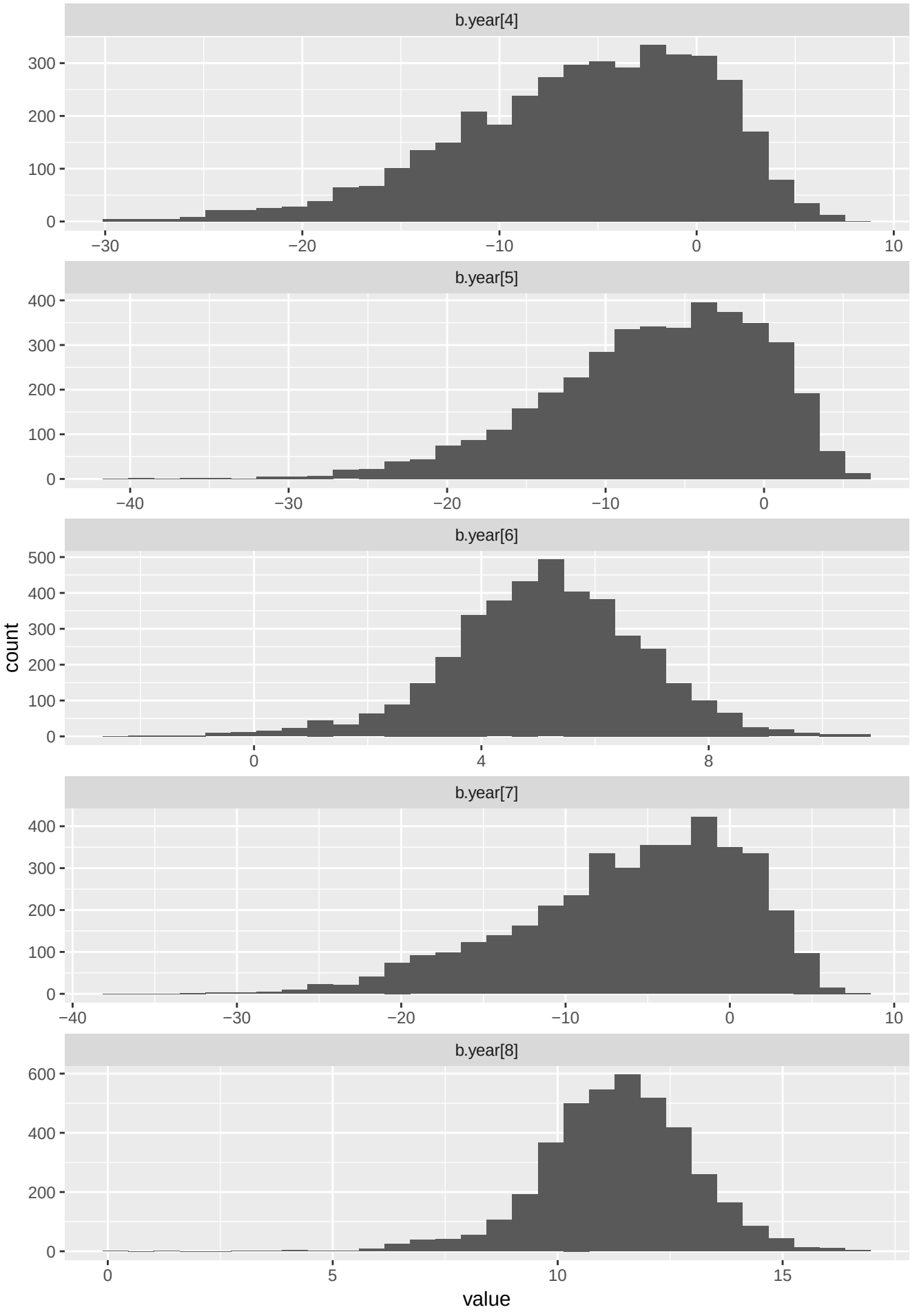
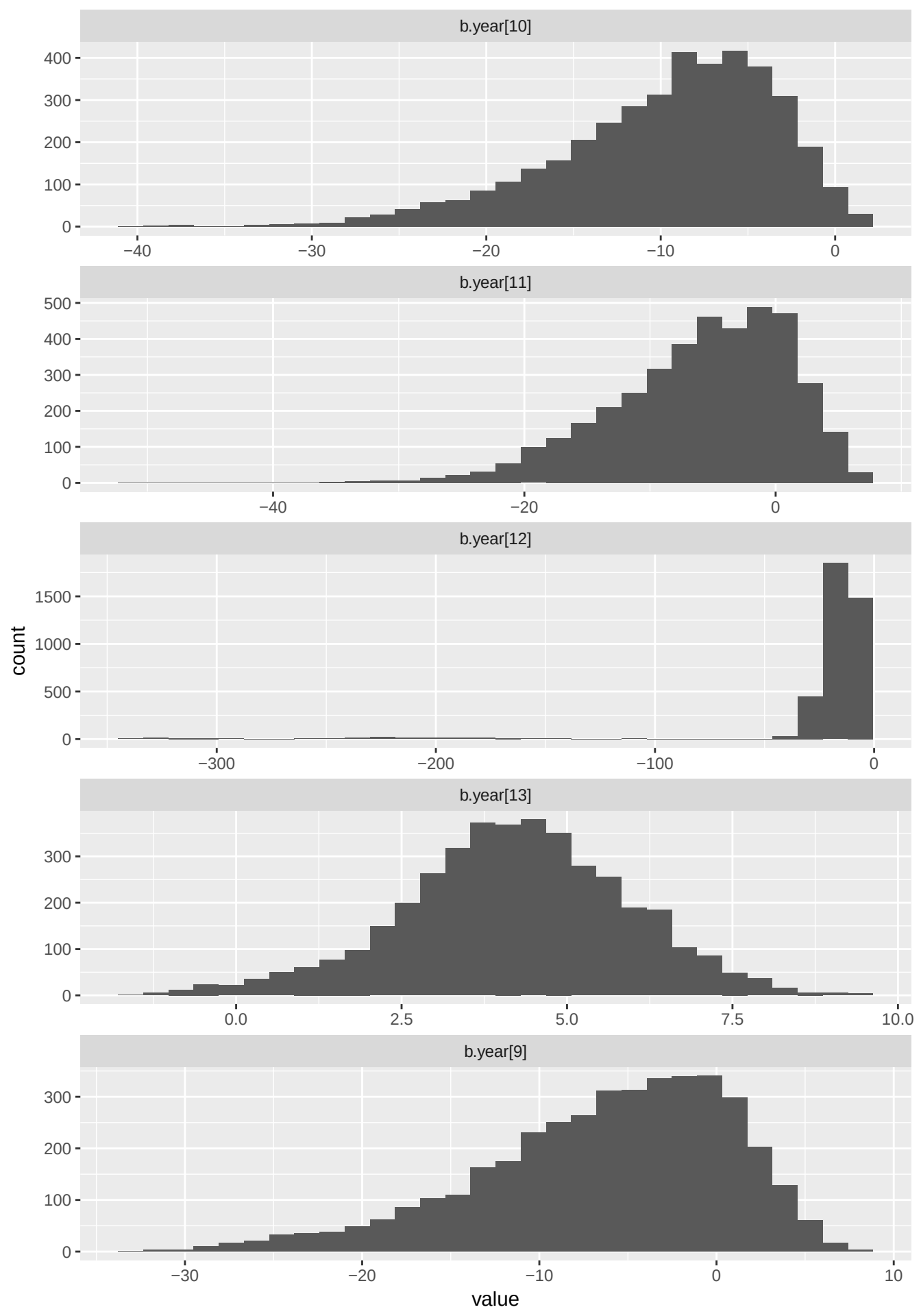
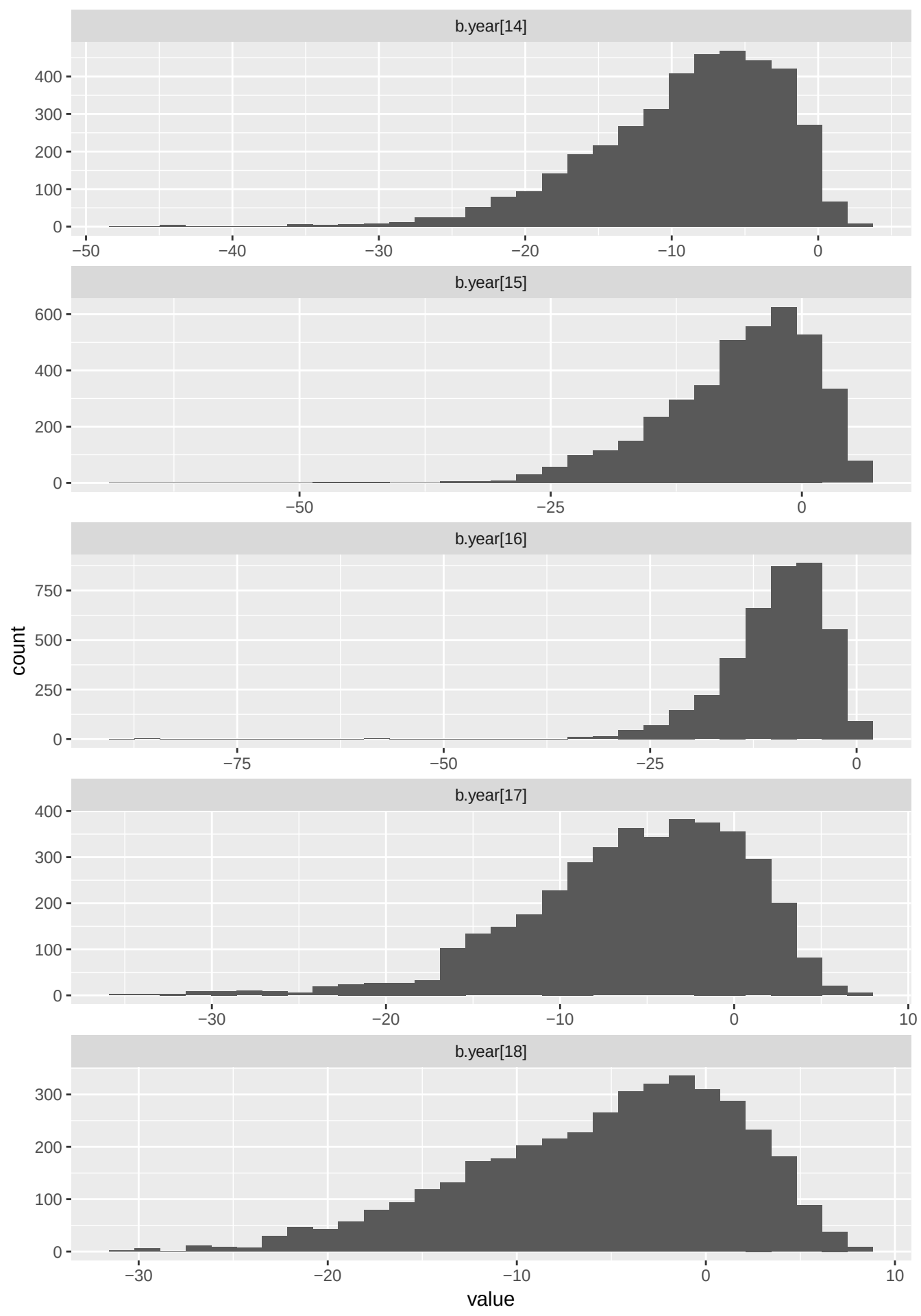
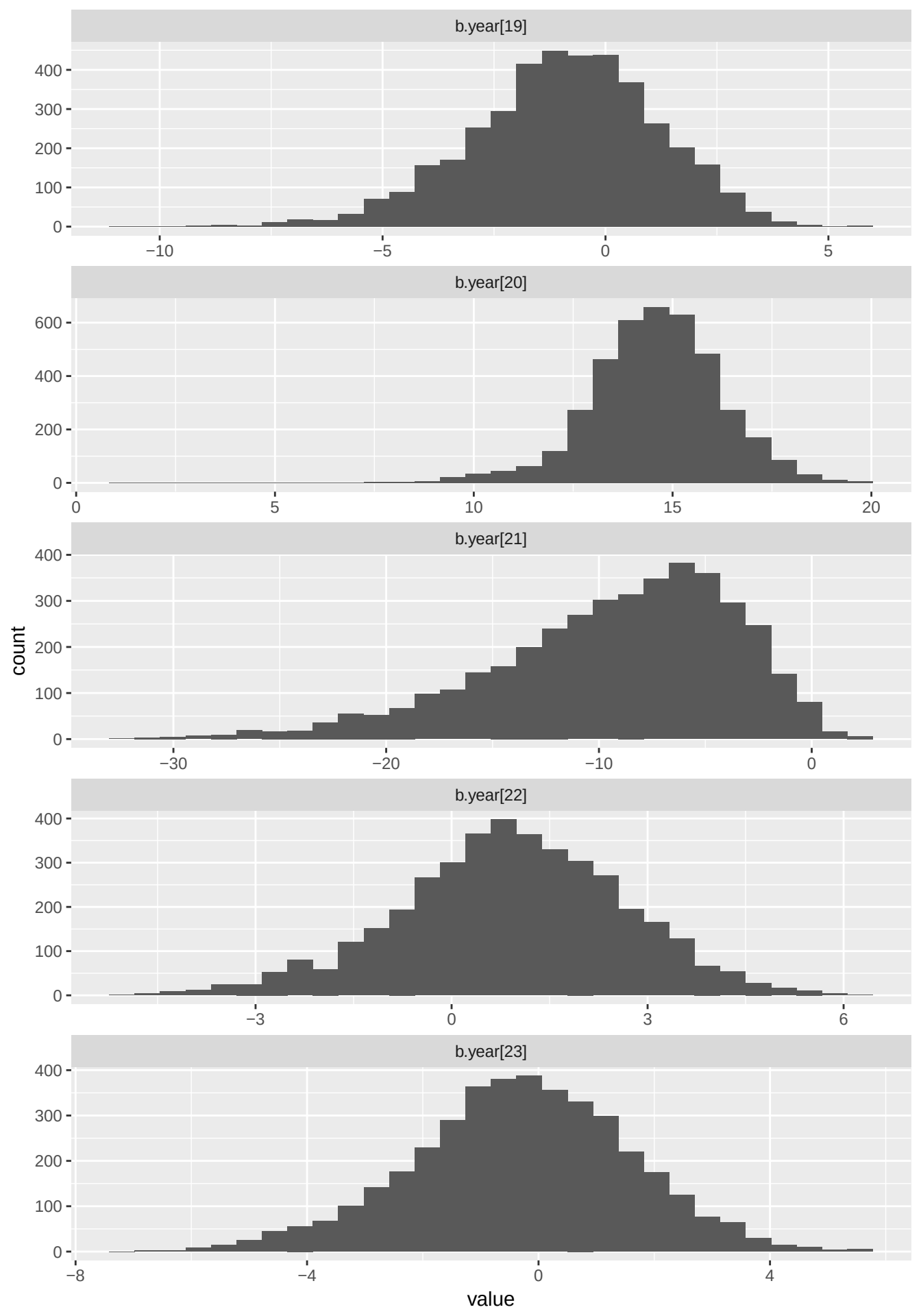

b.Magnitude[1]
1200
900
600
300
0
0.0
0.1
0.2
b.Magnitude[2]
1000
750
500
250
0
0.0
0.1
0.2
b.Magnitude[3]
1250
1000
750
500
250
0
0.0
0.1
0.2
0.3
count
b.Urban
600
400
200
0
−8
−6
−4
−2
0
b.p.Population
800
600
400
200
0
−0.02
−0.01
0.00
value

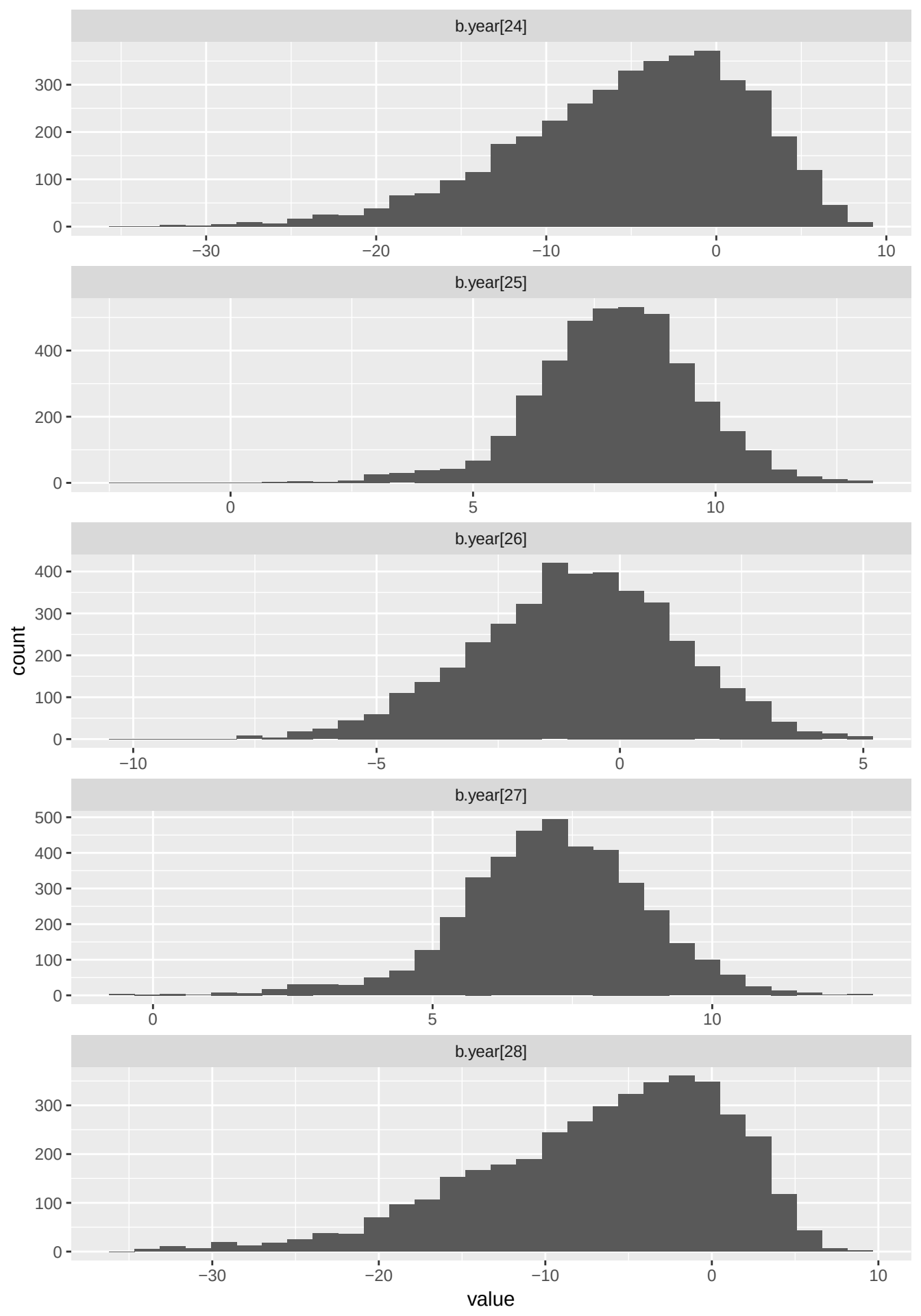

b.r.lat
600
400
200
0
−0.10
−0.05
0.00
0.05
0.10
b.r.long
400
300
200
100
0
−0.6
−0.4
−0.2
0.0
b.year[1]
count
400
300
200
100
0
−40
−30
−20
−10
0
10
b.year[2]
600
400
200
0
0
5
10
15
b.year[3]
400
300
200
100
0
−40
−30
−20
−10
0
value

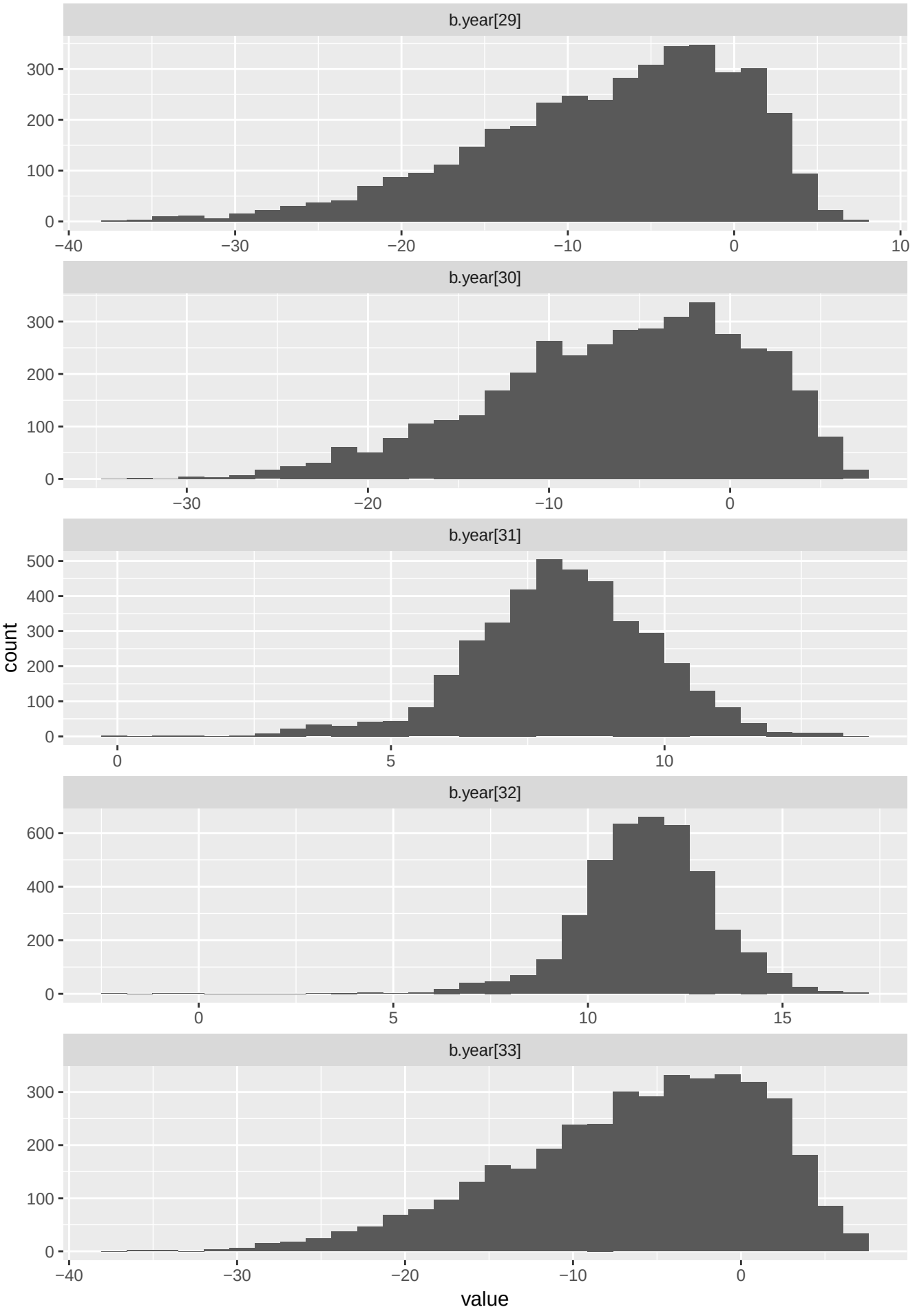

b.year[4]
b.year[5]
b.year[6]
b.year[7]
b.year[8]
count
value

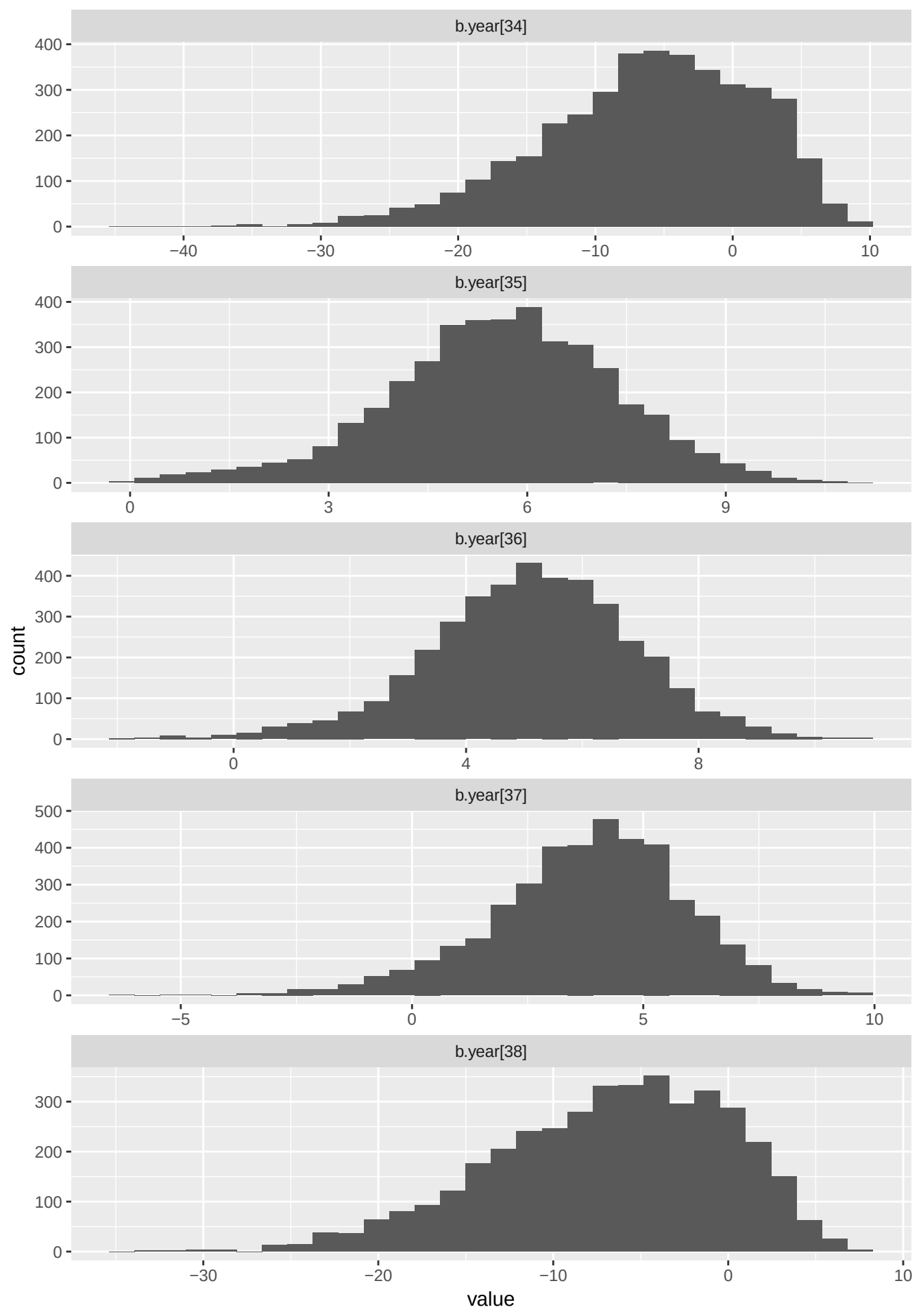

b.year[10]
400
300
200
100
0
−40
−30
−20
−10
0
b.year[11]
500
400
300
200
100
0
−40
−20
0
b.year[12]
1500
1000
500
0
−300
−200
−100
0
count
b.year[13]
300
200
100
0
0.0
2.5
5.0
7.5
10.0
b.year[9]
300
200
100
0
−30
−20
−10
0
10
value

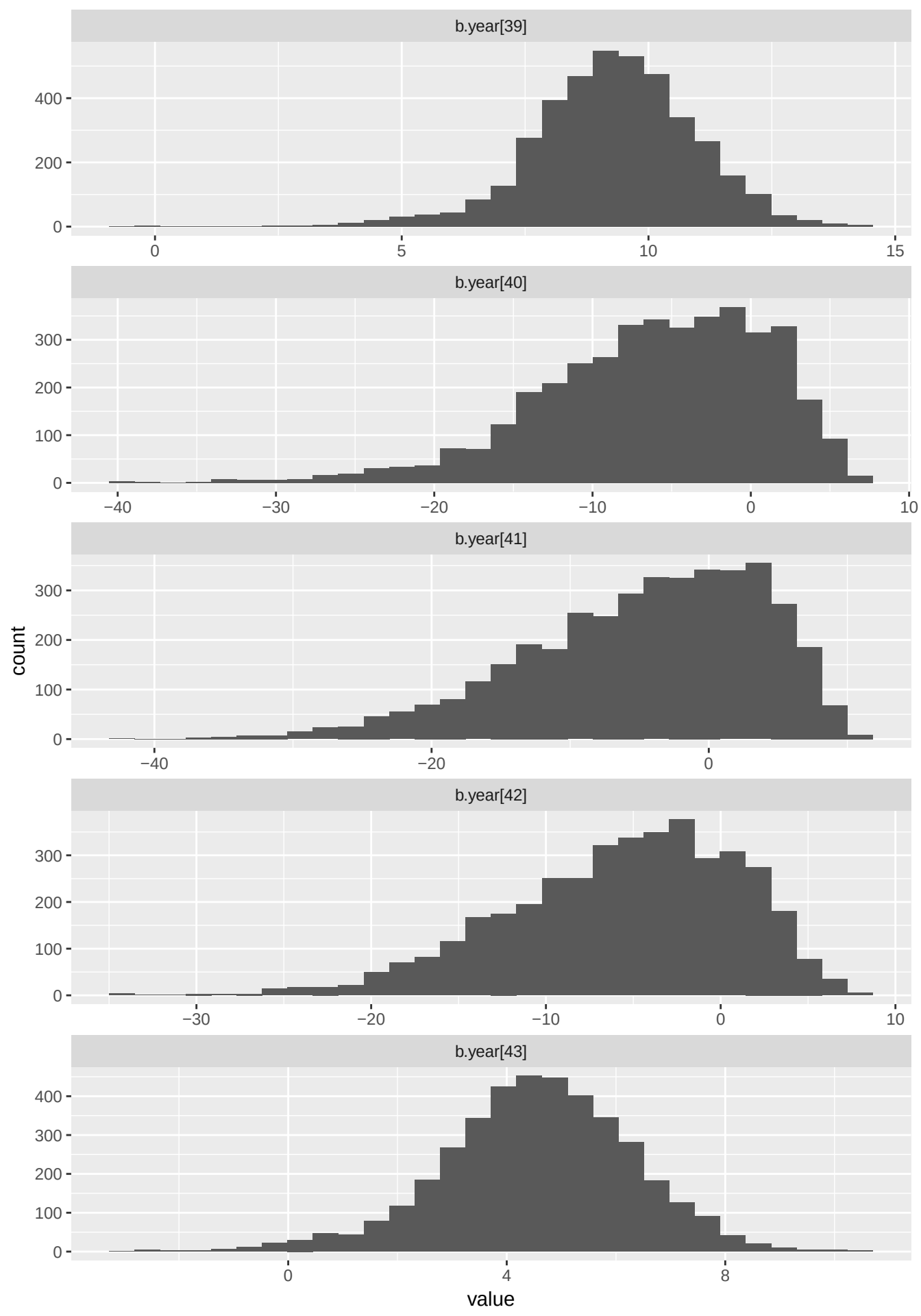

b.year[14]
400
300
200
100
0
−50
−40
−30
−20
−10
0
b.year[15]
600
400
200
0
−50
−25
0
b.year[16]
750
500
250
0
−75
−50
−25
0
count
b.year[17]
400
300
200
100
0
−30
−20
−10
0
10
b.year[18]
300
200
100
0
−30
−20
−10
0
10
value

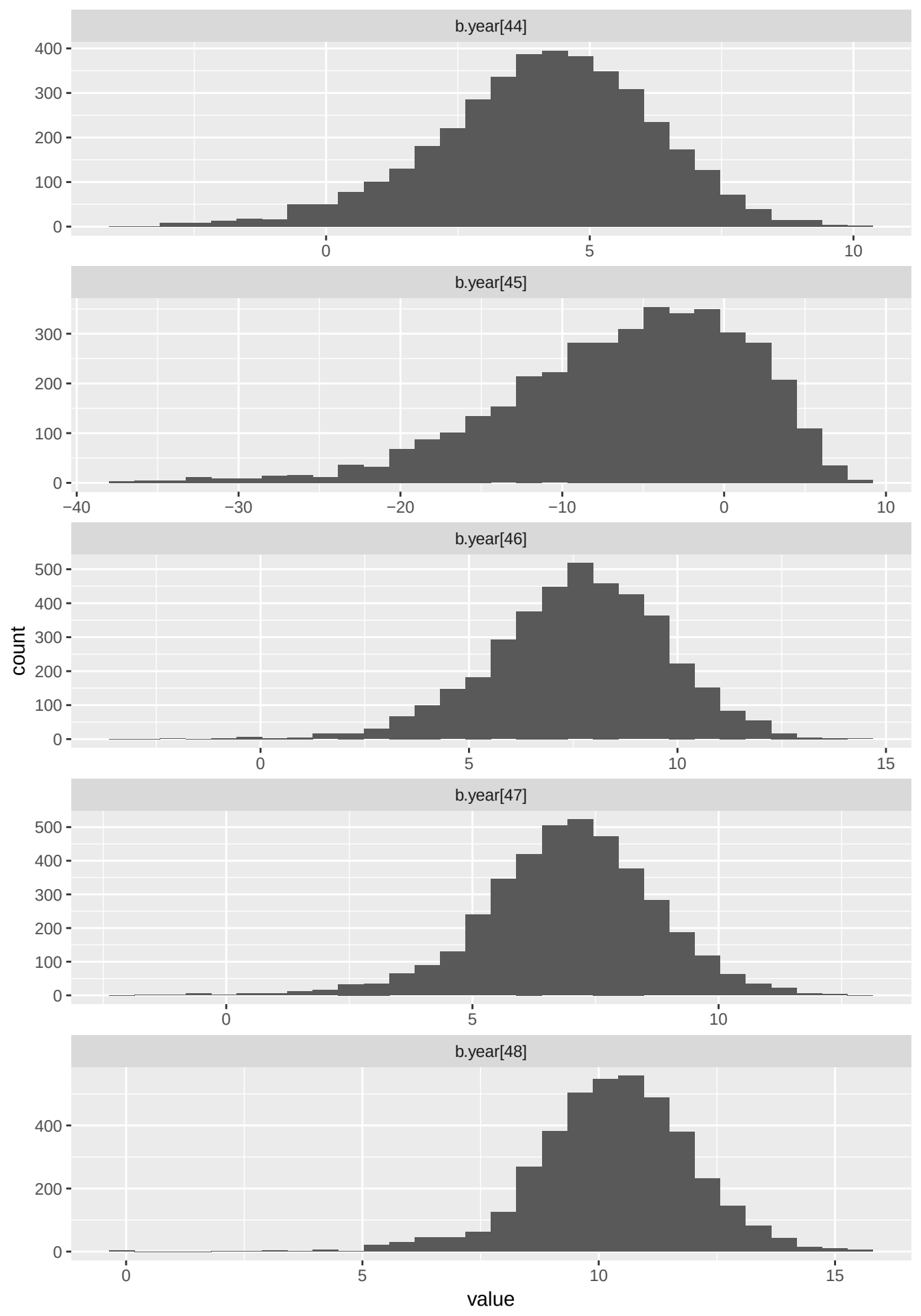

b.year[19]
b.year[20]
b.year[21]
b.year[22]
b.year[23]
count
value

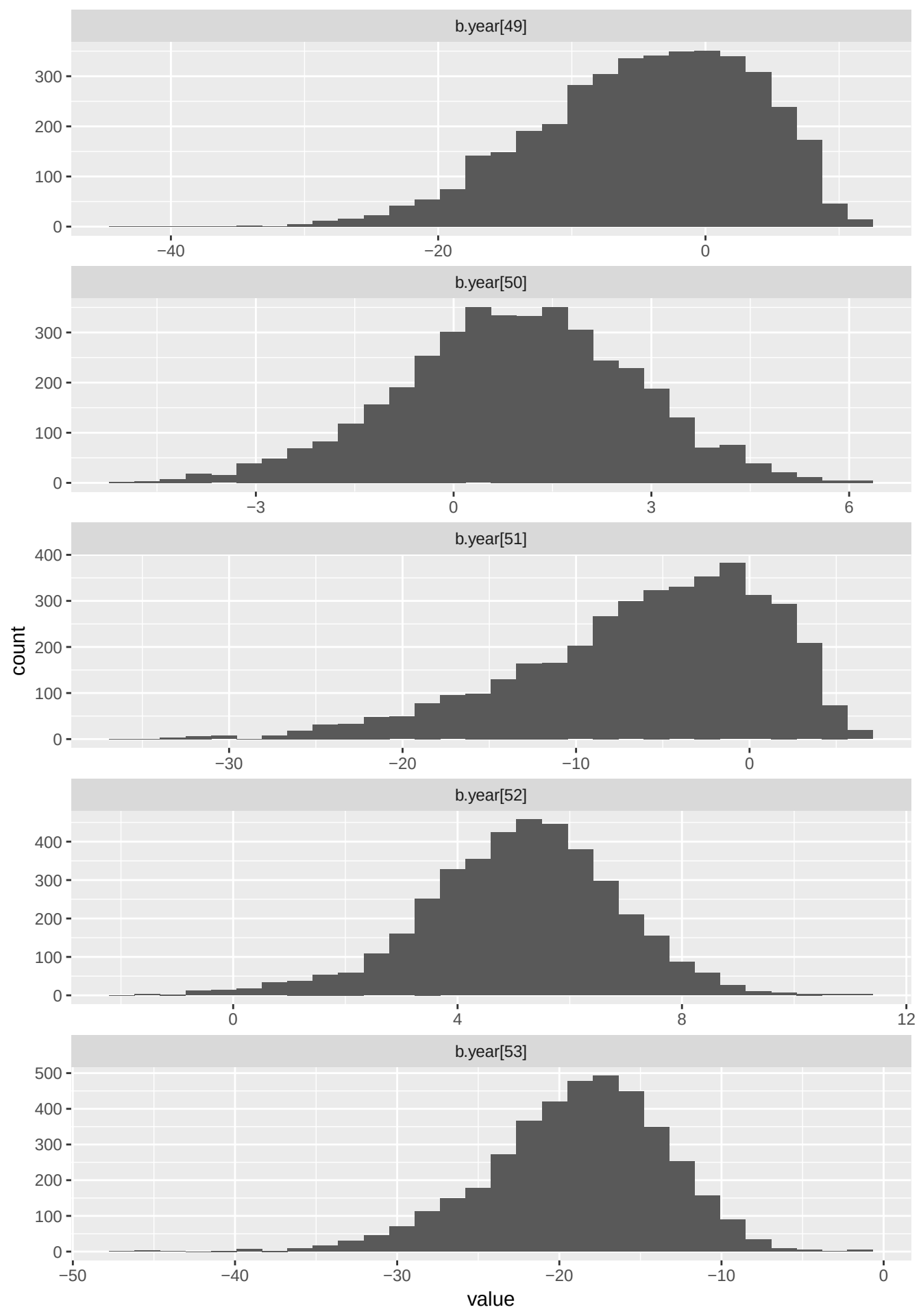

b.year[24]
b.year[25]
b.year[26]
b.year[27]
b.year[28]
count
value

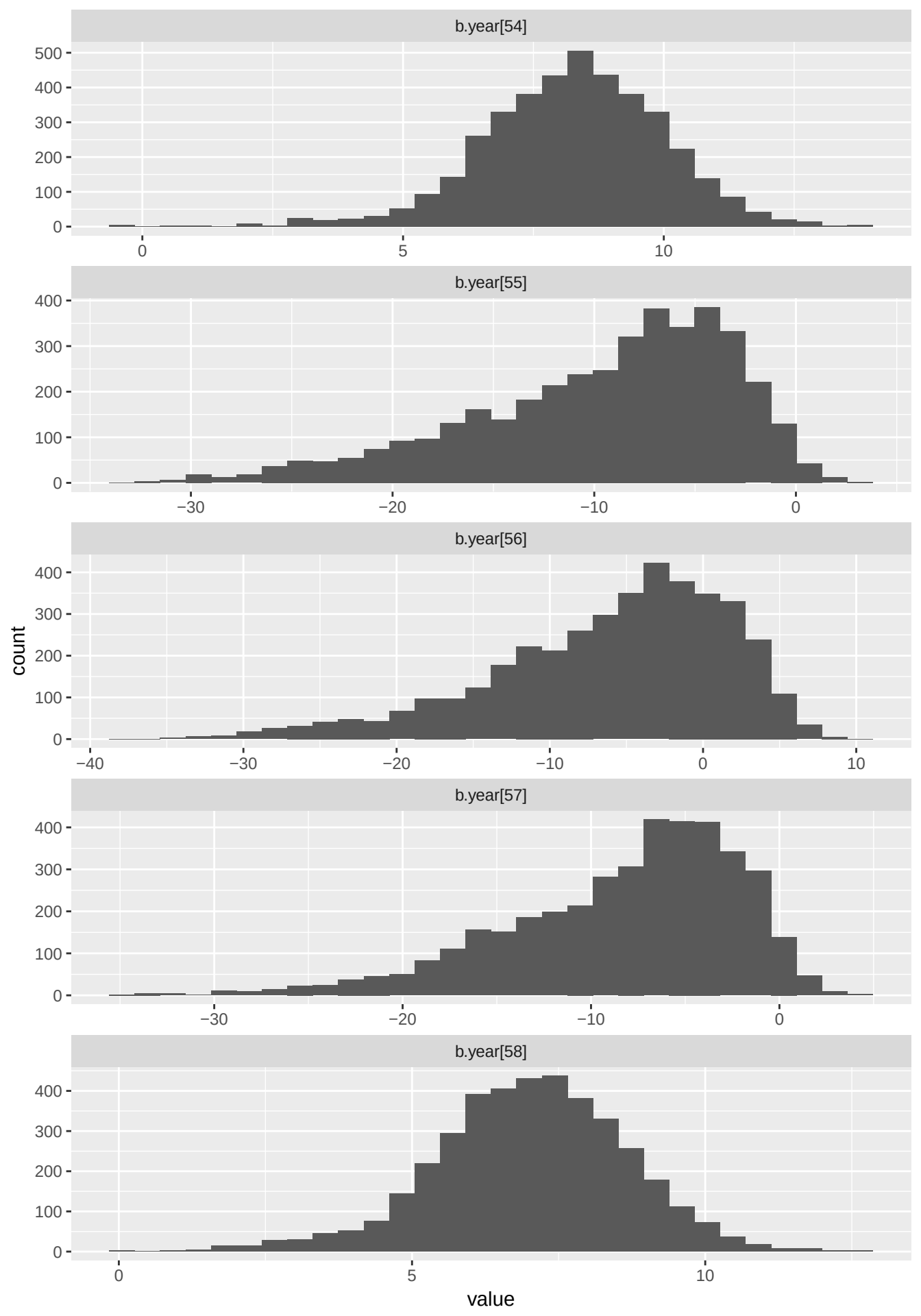

b.year[29]
b.year[30]
b.year[31]
b.year[32]
b.year[33]
count
value

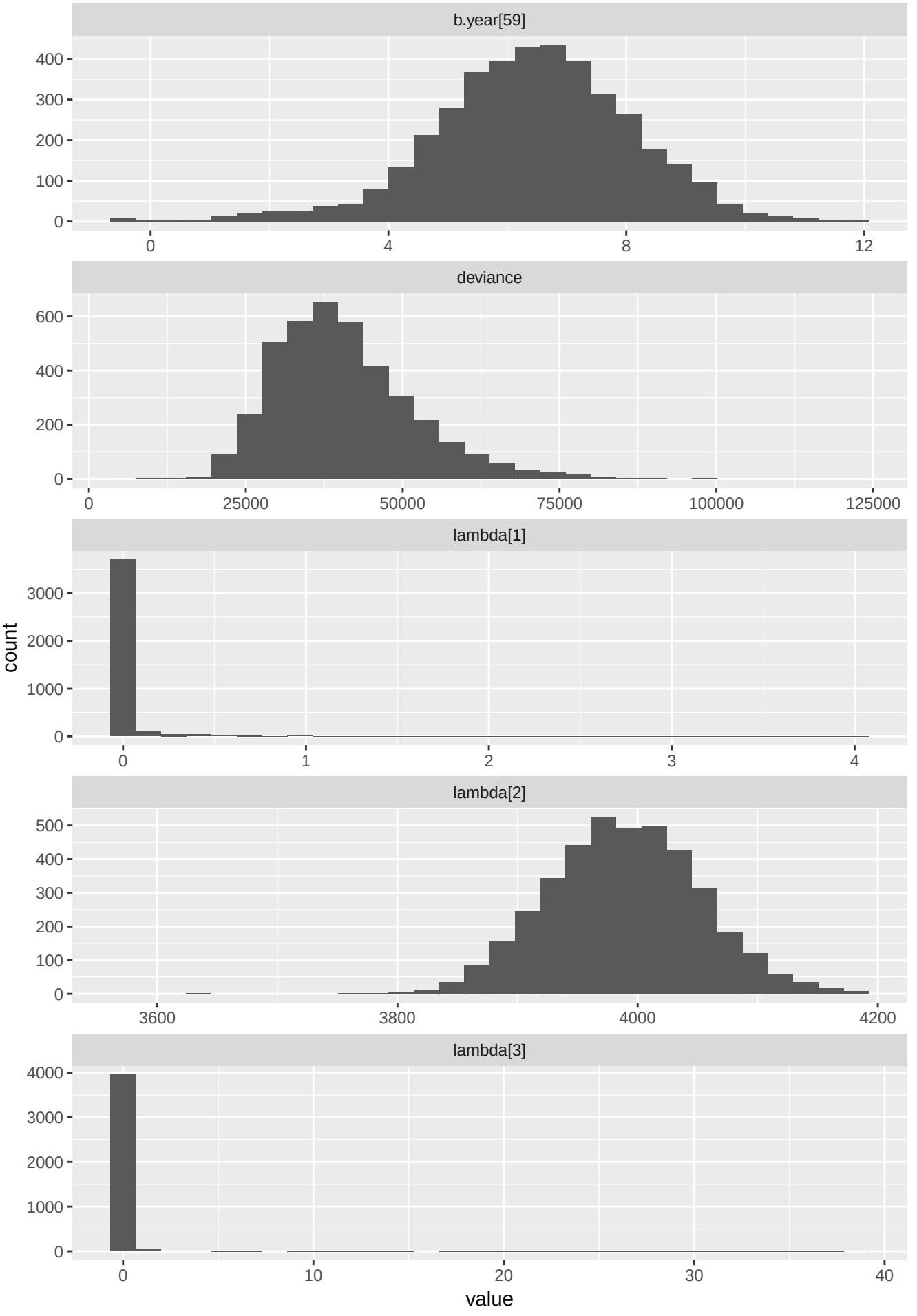

b.year[34]
b.year[35]
b.year[36]
b.year[37]
b.year[38]
count
value

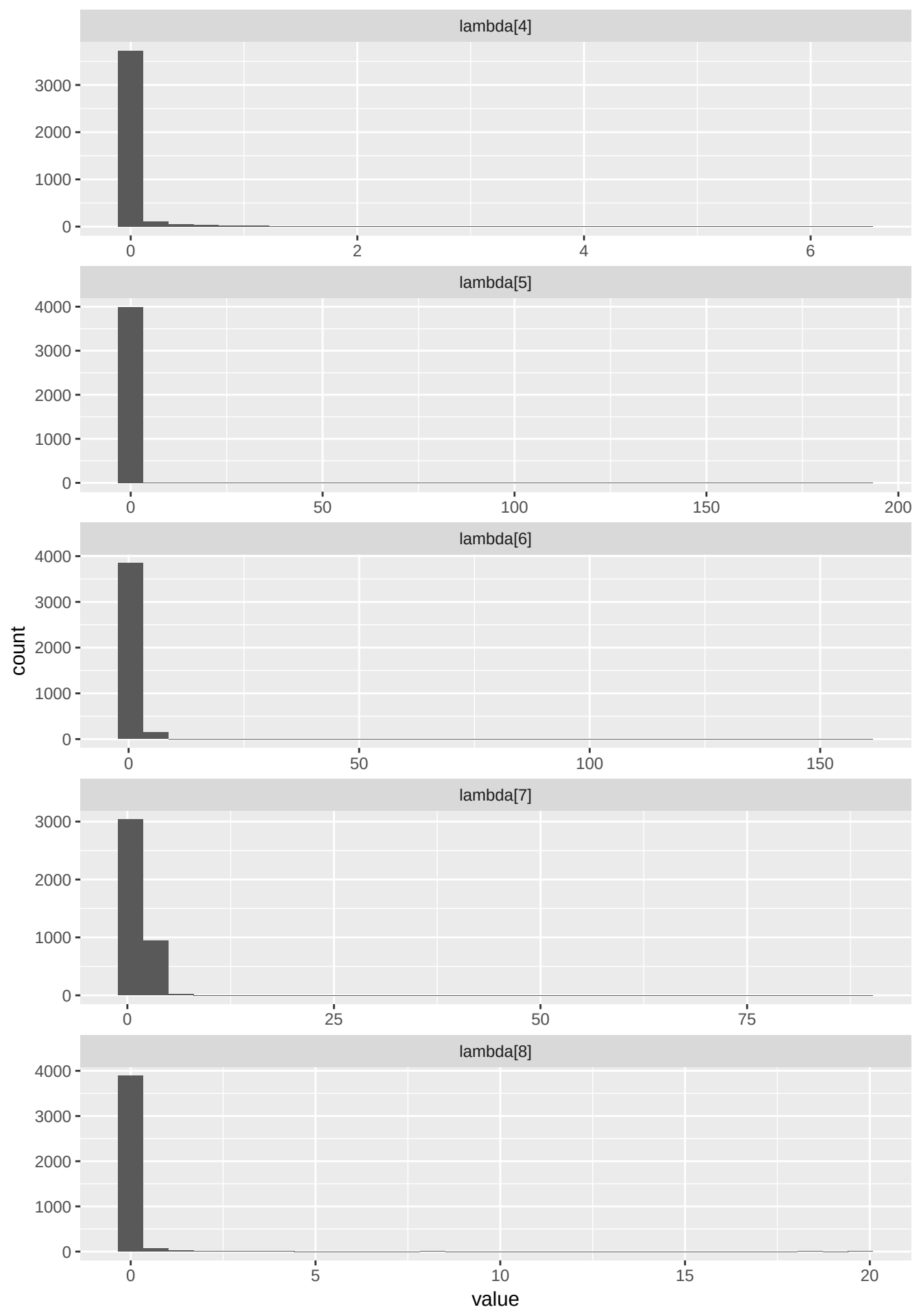

b.year[39]
b.year[40]
b.year[41]
b.year[42]
b.year[43]
count
value

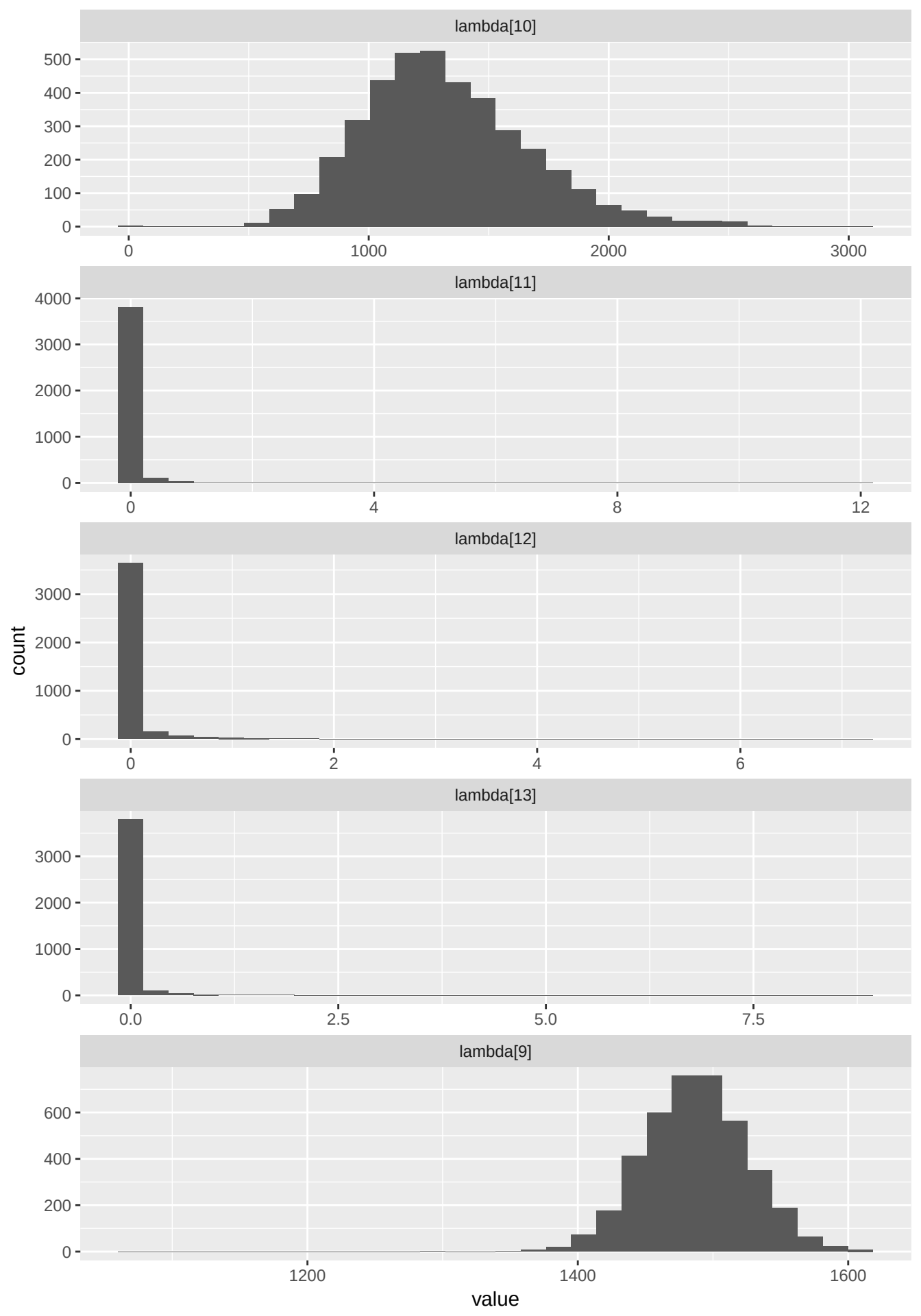

b.year[44]
b.year[45]
b.year[46]
b.year[47]
b.year[48]
count
value

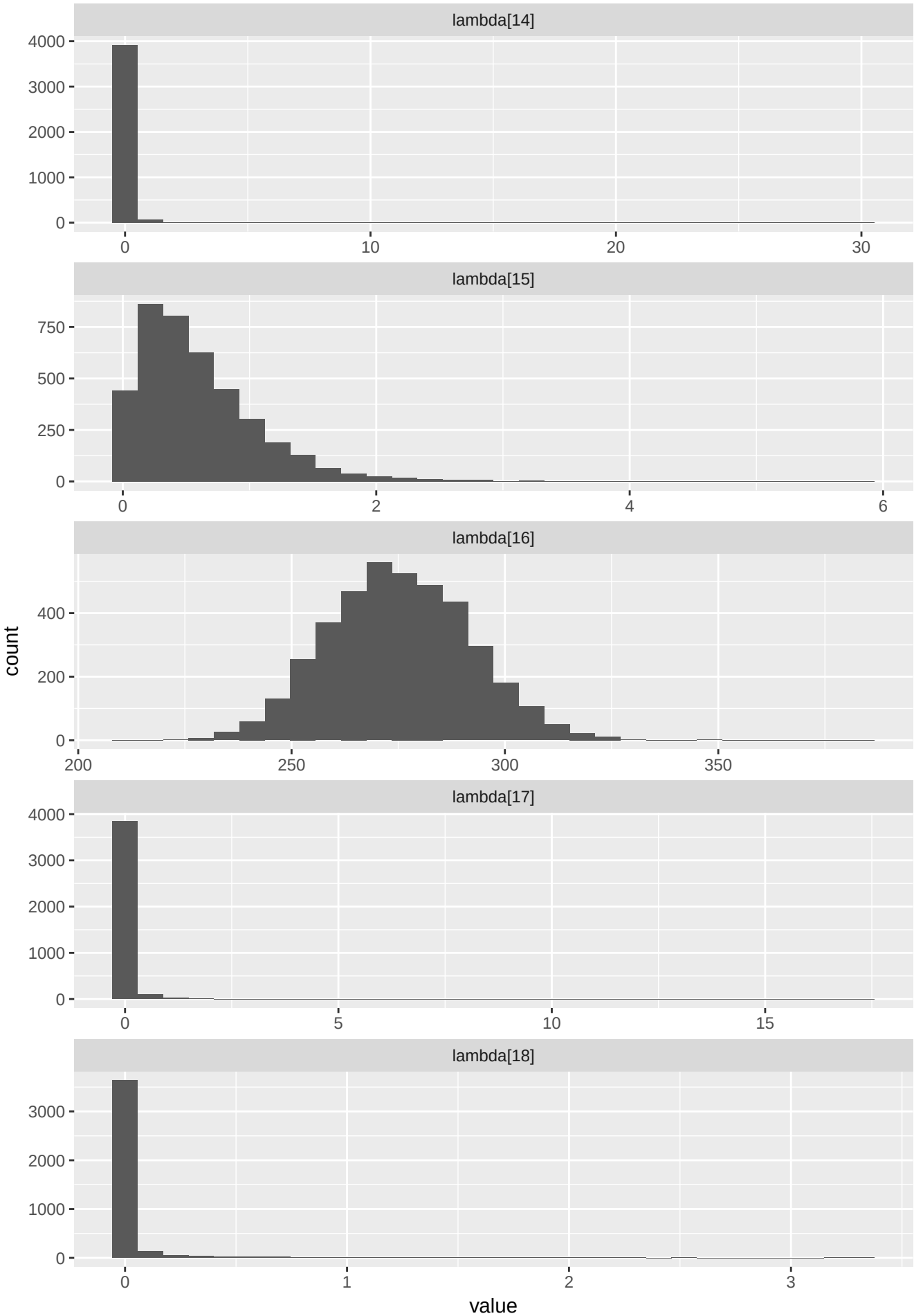

b.year[49]
300
200
100
0
−40
−20
0
b.year[50]
300
200
100
0
−3
0
3
6
b.year[51]
400
300
200
100
0
count
−30
−20
−10
0
b.year[52]
400
300
200
100
0
0
4
8
12
b.year[53]
500
400
300
200
100
0
−50
−40
−30
−20
−10
0
value

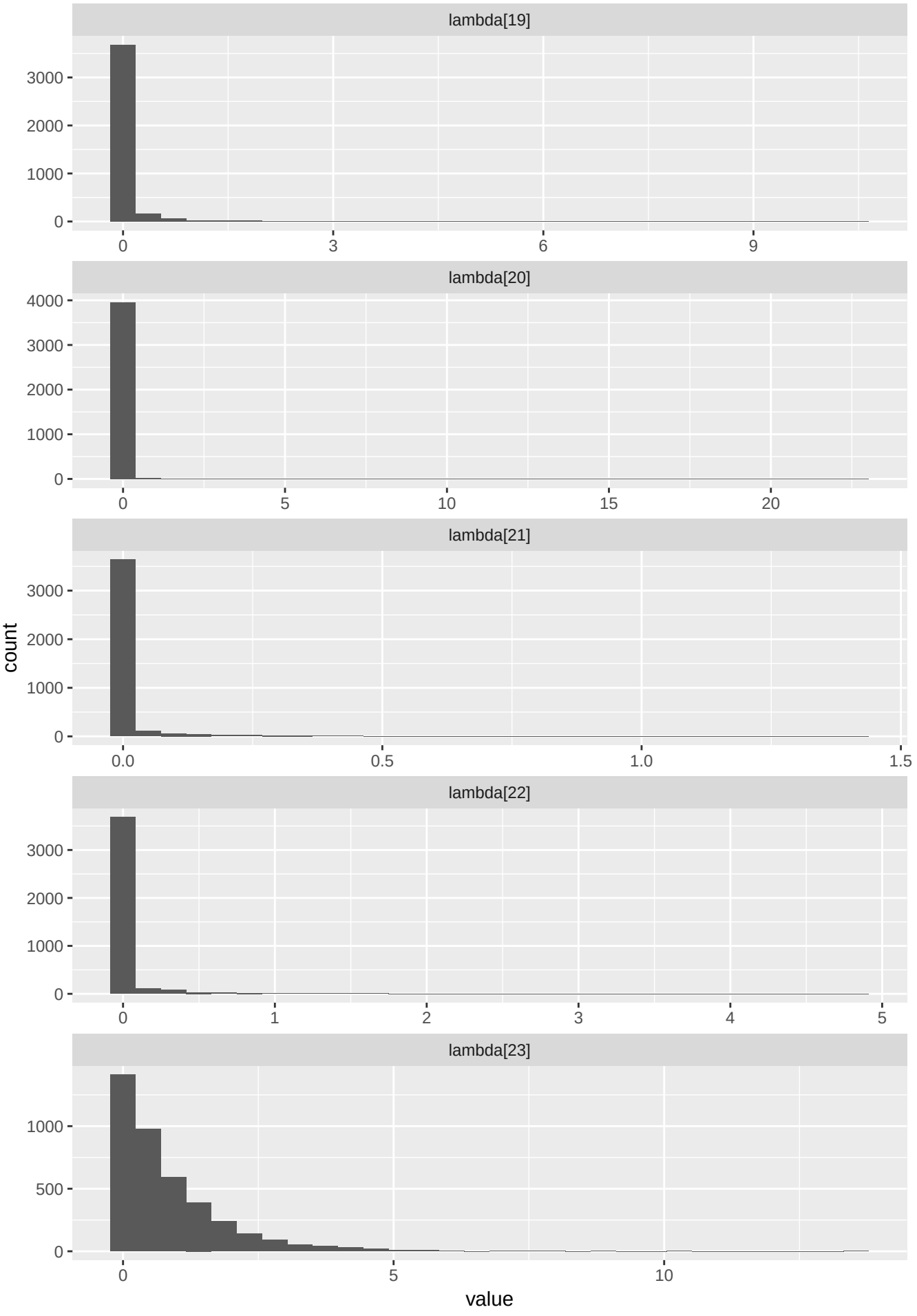

b.year[54]
b.year[55]
b.year[56]
b.year[57]
b.year[58]
count
value

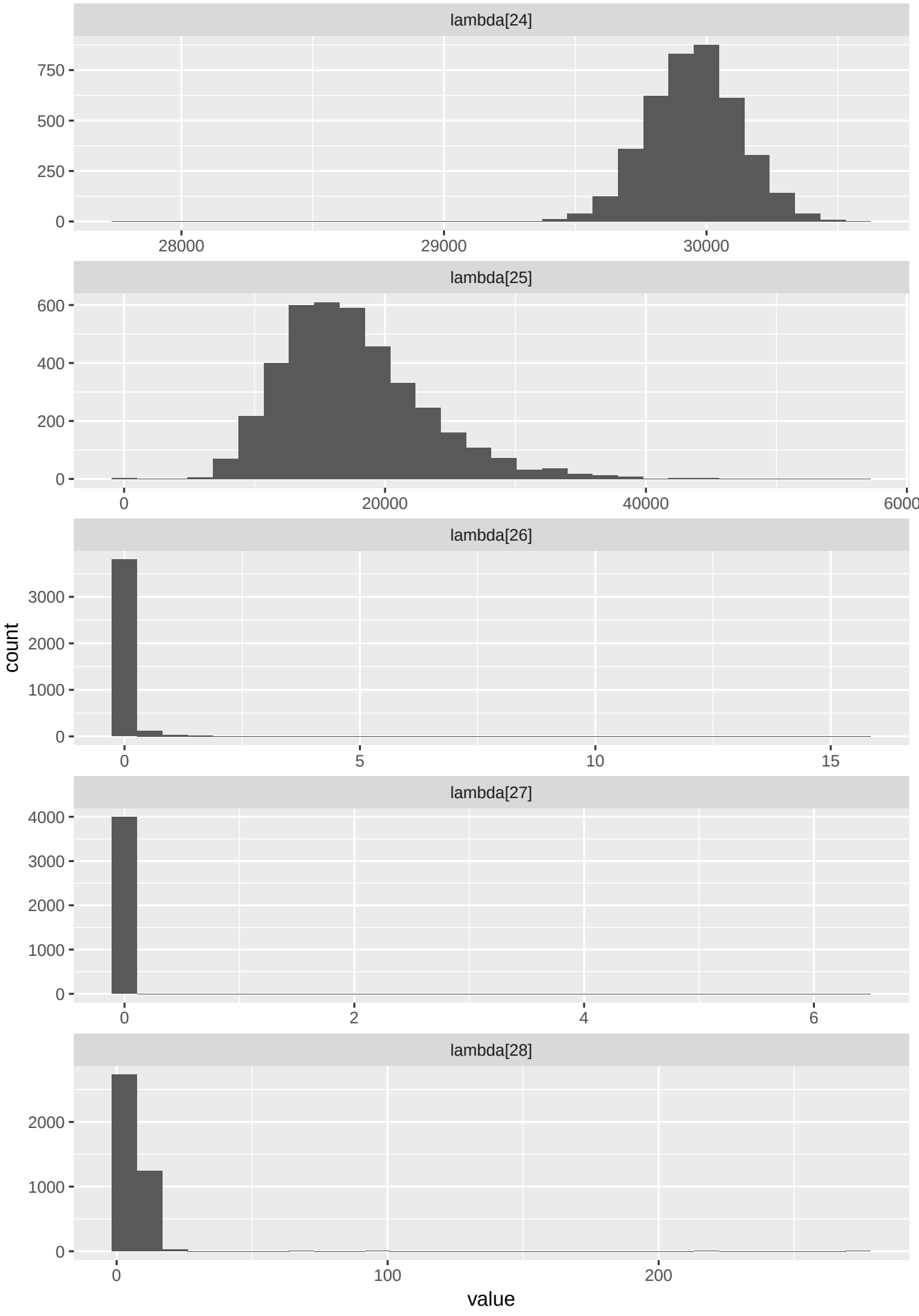

b.year[59]
400
300
200
100
0
0
4
8
12
deviance
600
400
200
0
0
25000
50000
75000
100000
125000
lambda[1]
3000
2000
1000
0
0
1
2
3
4
count
lambda[2]
500
400
300
200
100
0
3600
3800
4000
4200
lambda[3]
4000
3000
2000
1000
0
0
10
20
30
40
value

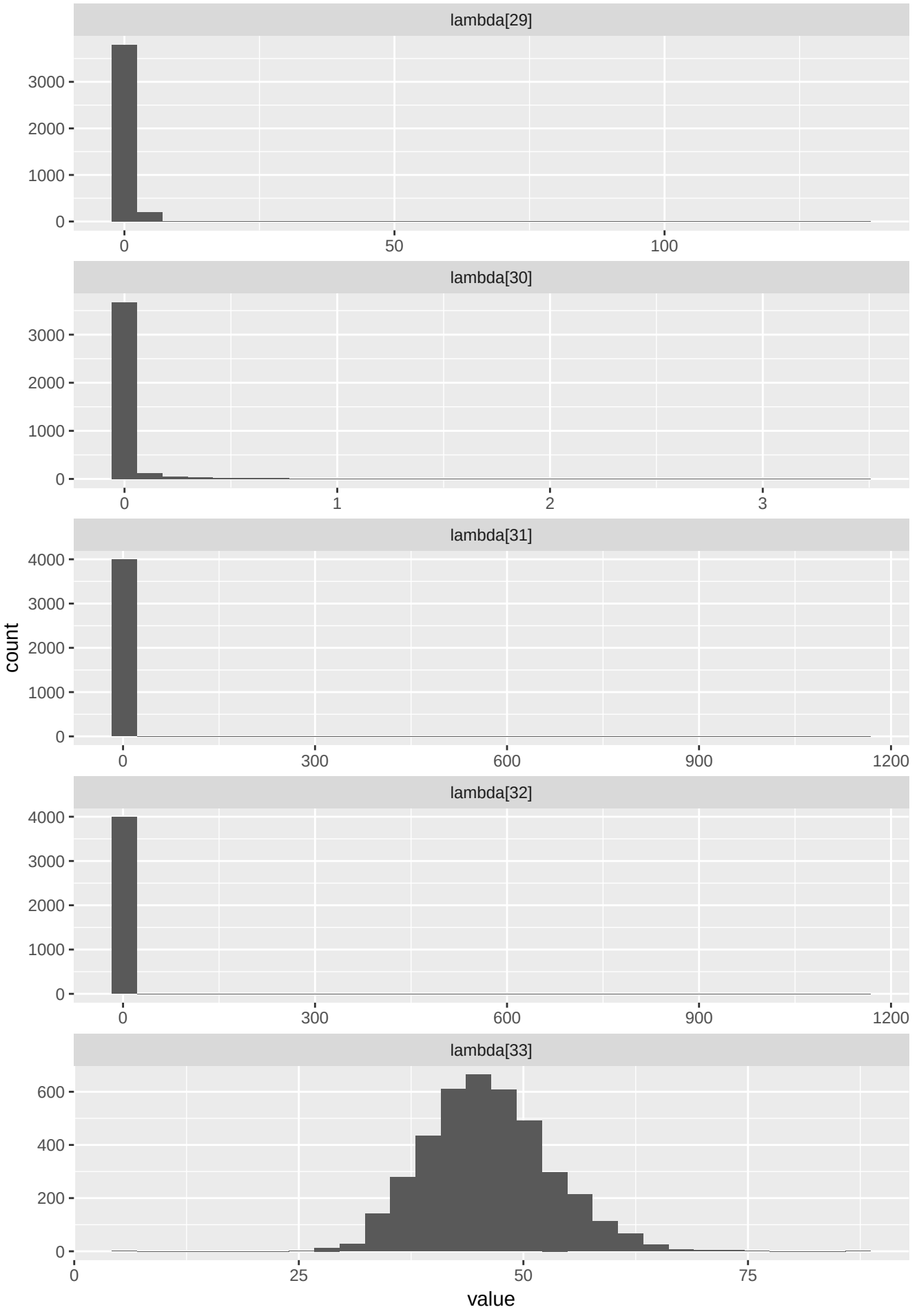

lambda[4]
lambda[5]
lambda[6]
lambda[7]
lambda[8]
count
value

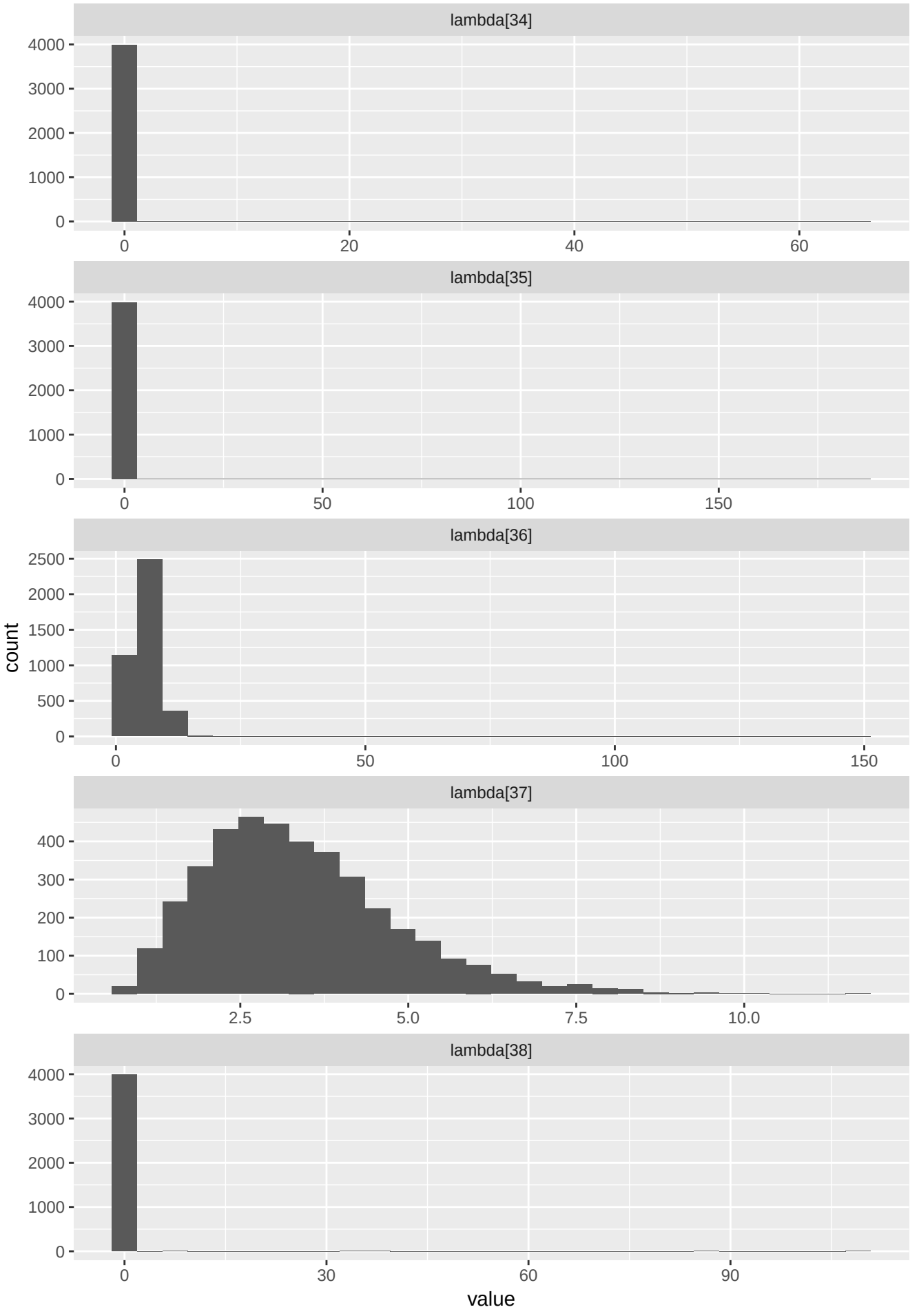

lambda[10]
lambda[11]
lambda[12]
lambda[13]
lambda[9]
count
value

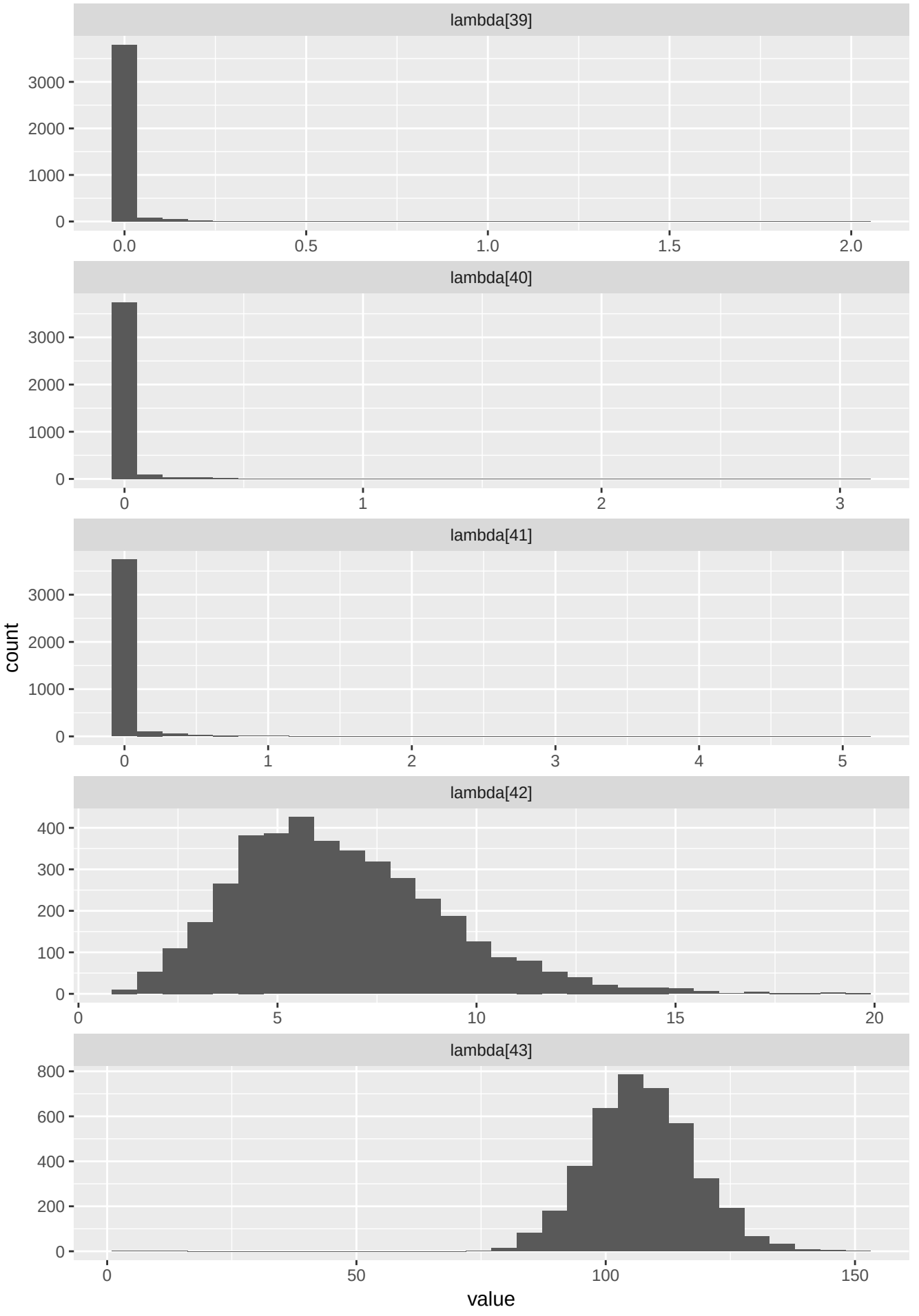

lambda[14]
lambda[15]
lambda[16]
lambda[17]
lambda[18]
count
value

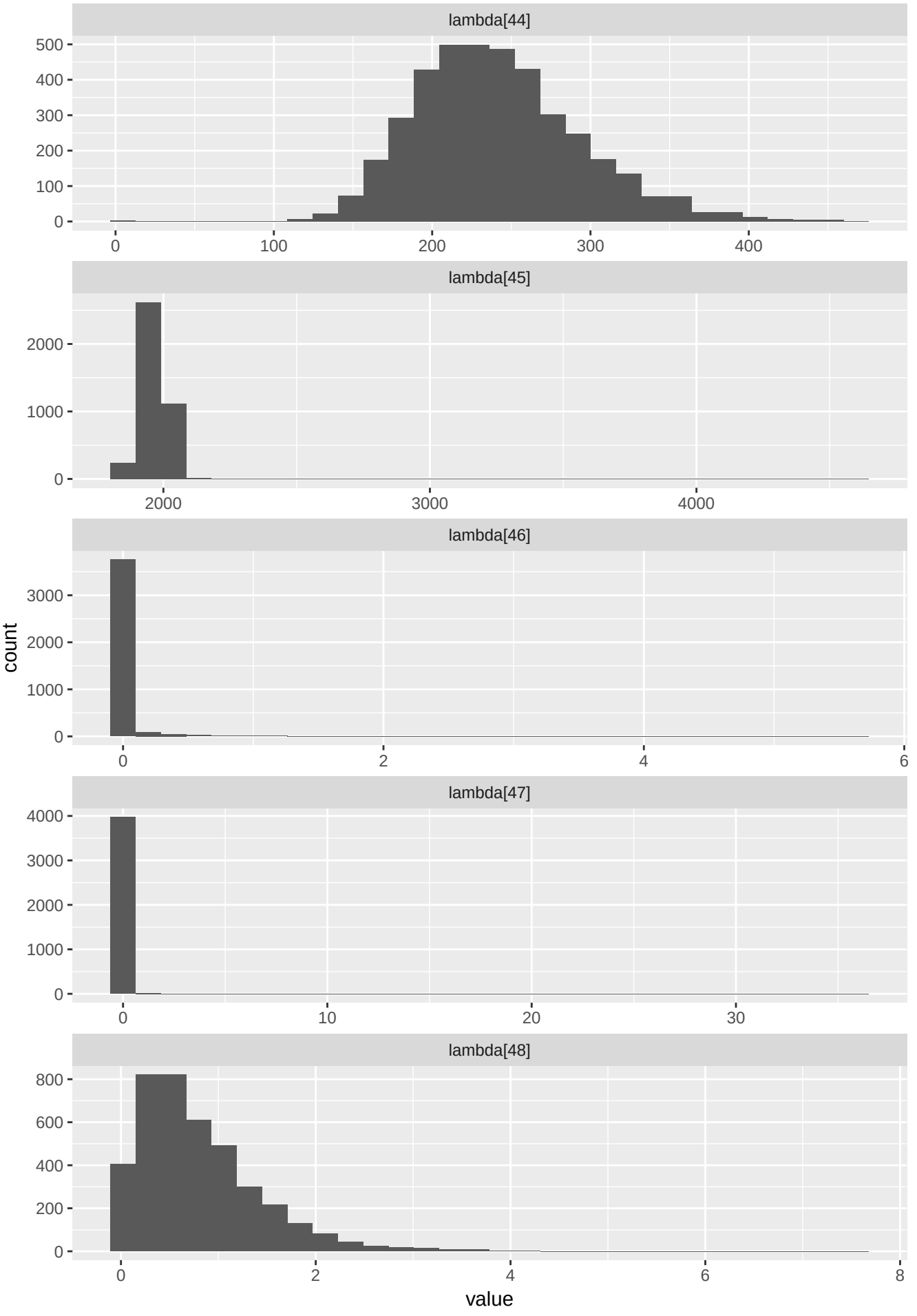

lambda[19]
3000
2000
1000
0
0
3
6
9
lambda[20]
4000
3000
2000
1000
0
0
5
10
15
20
lambda[21]
count
3000
2000
1000
0
0.0
0.5
1.0
1.5
lambda[22]
3000
2000
1000
0
0
1
2
3
4
5
lambda[23]
1000
500
0
0
5
10
value

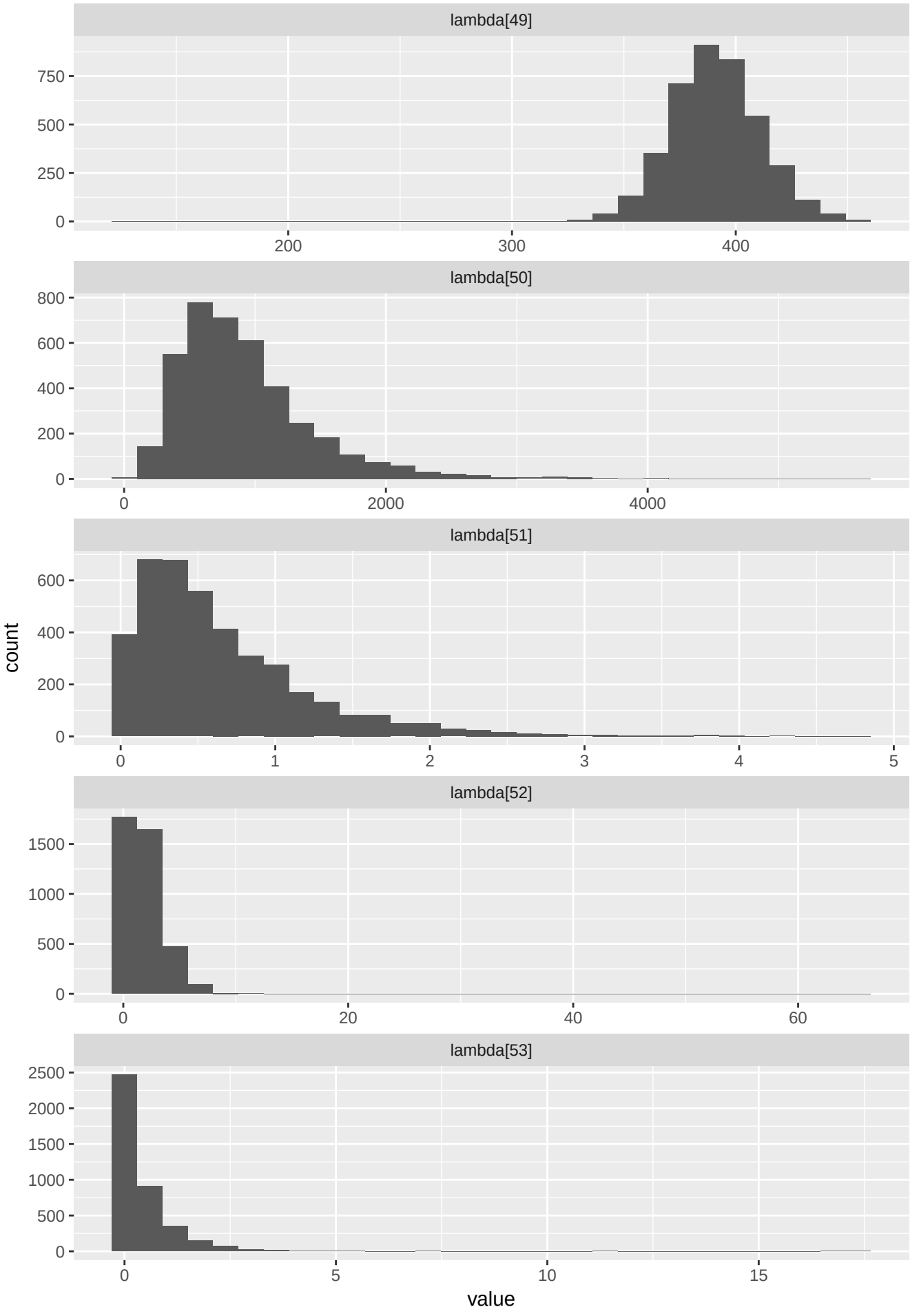

lambda[24]
750
500
250
0
28000
29000
30000
lambda[25]
600
400
200
0
0
20000
40000
6000
lambda[26]
3000
2000
1000
0
0
5
10
15
count
lambda[27]
4000
3000
2000
1000
0
0
2
4
6
lambda[28]
2000
1000
0
0
100
200
value

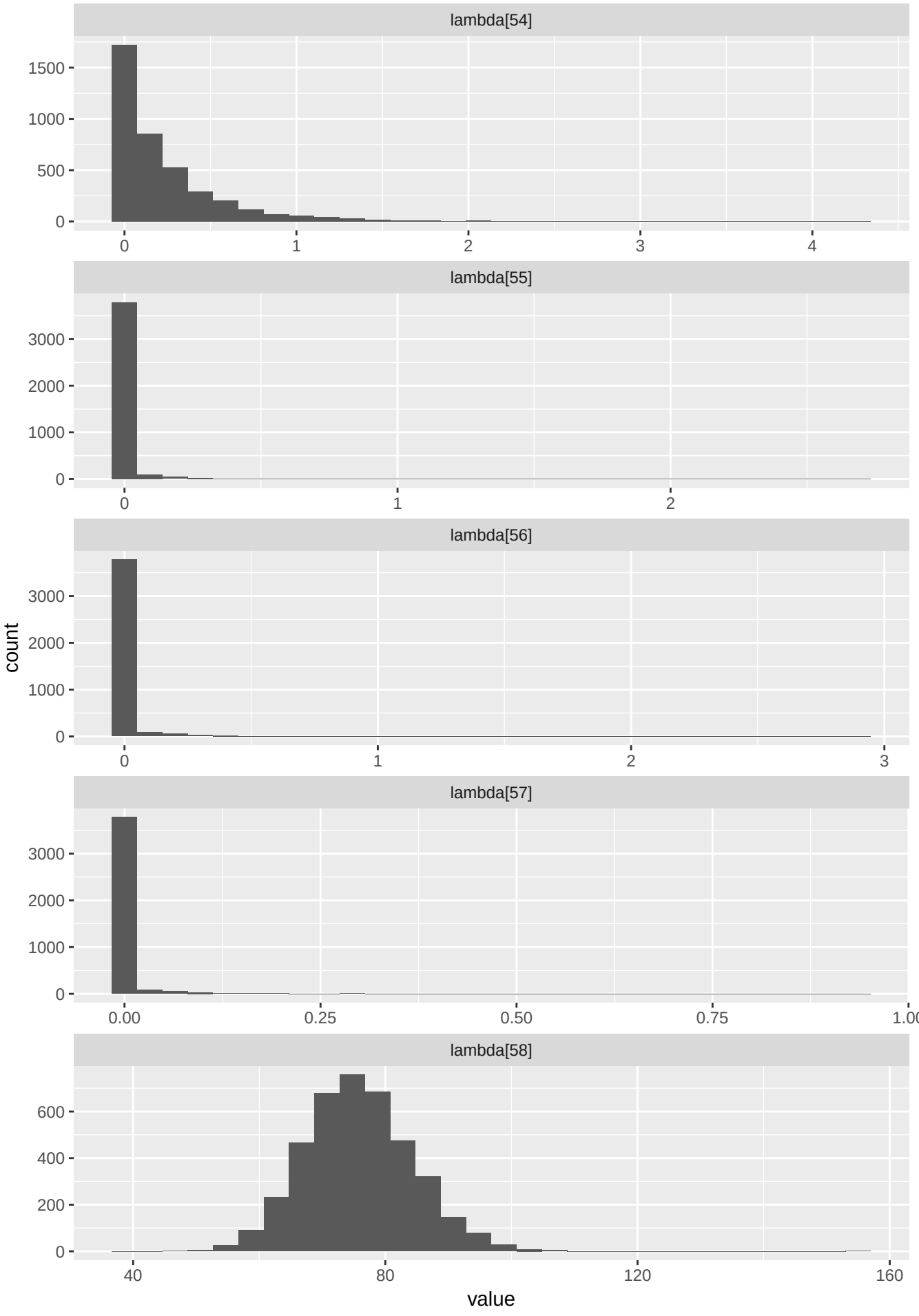

lambda[29]
lambda[30]
lambda[31]
lambda[32]
lambda[33]
count
value

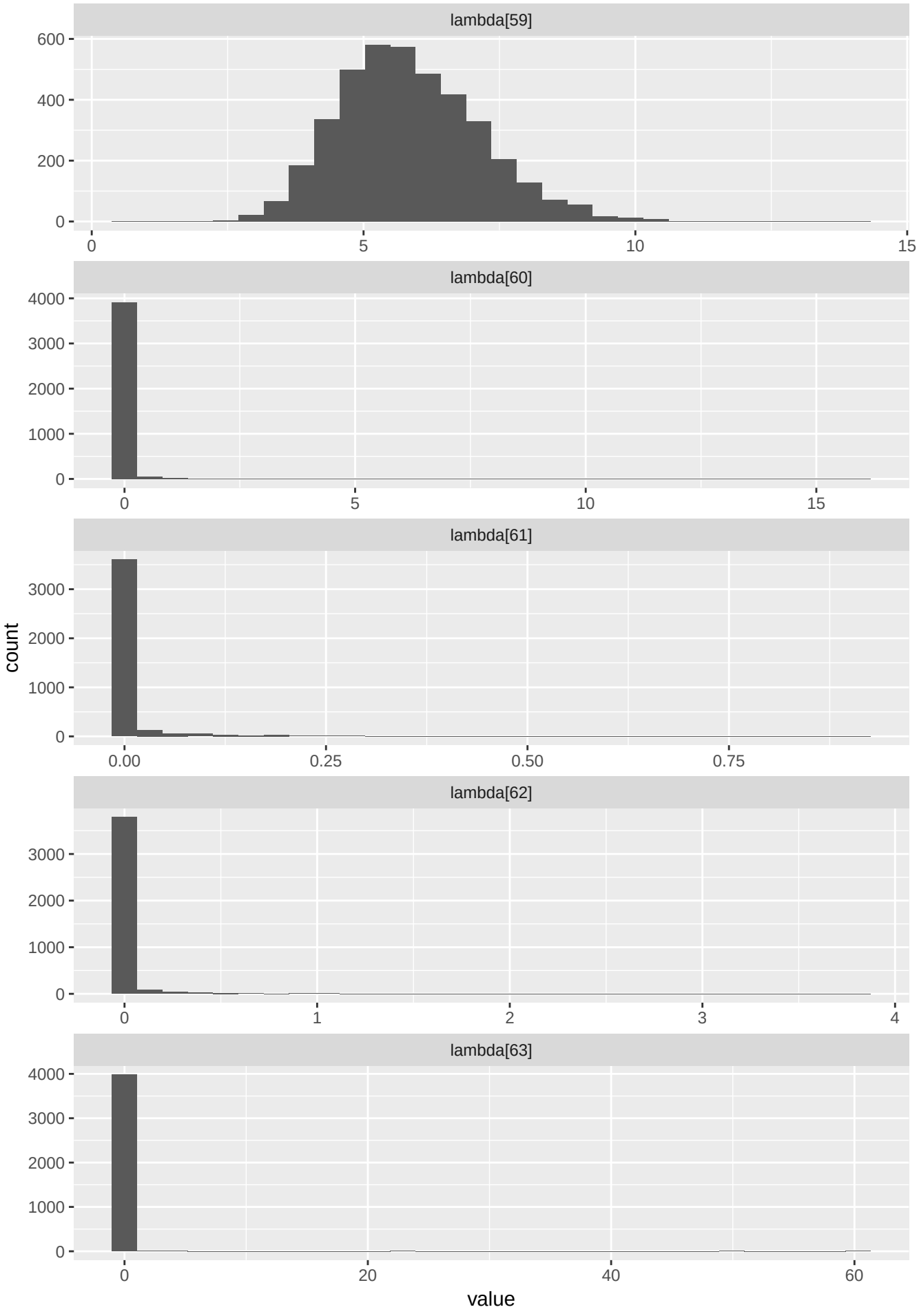

lambda[34]
lambda[35]
lambda[36]
lambda[37]
lambda[38]
count
value

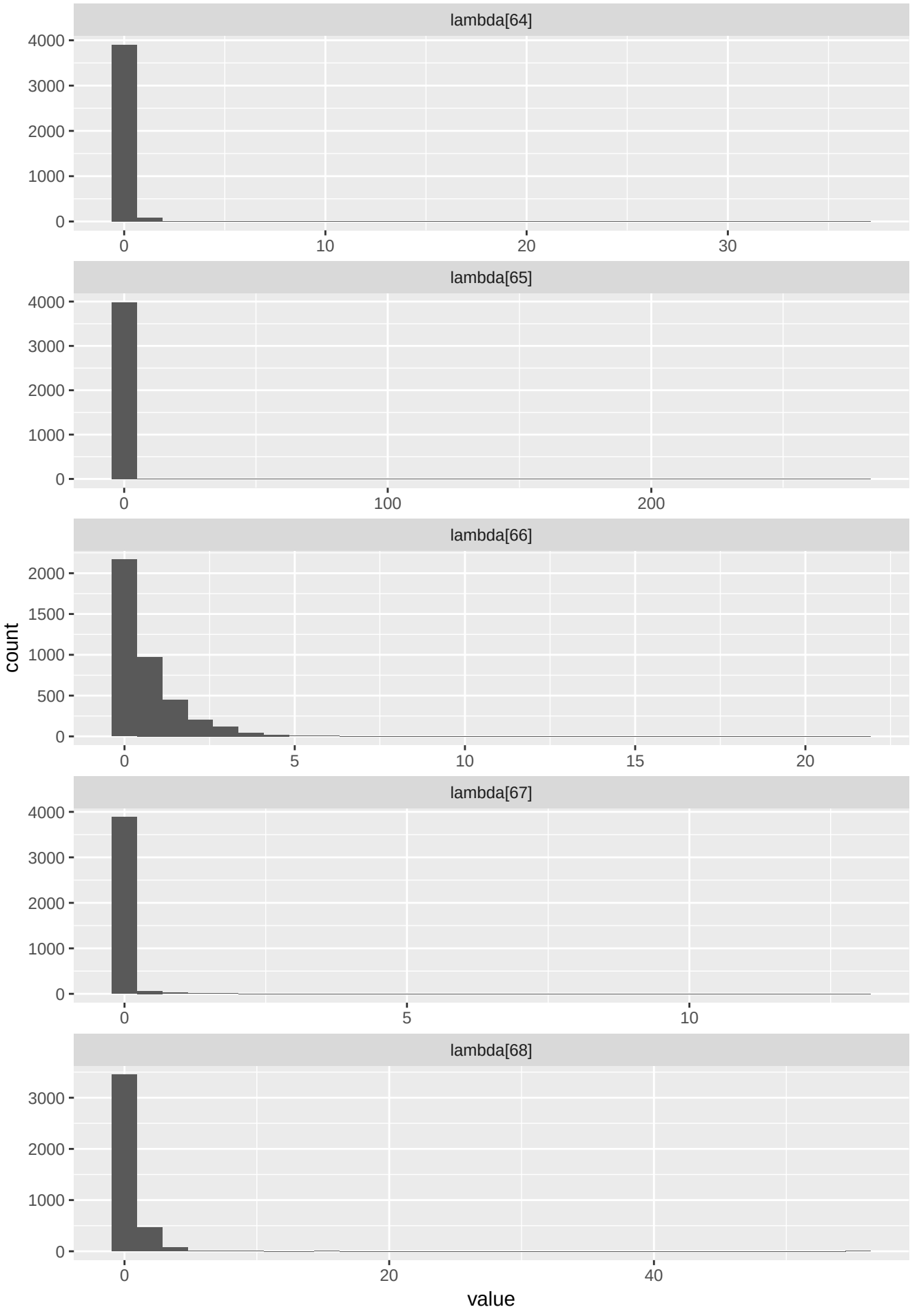

lambda[39]
lambda[40]
lambda[41]
lambda[42]
lambda[43]
count
value

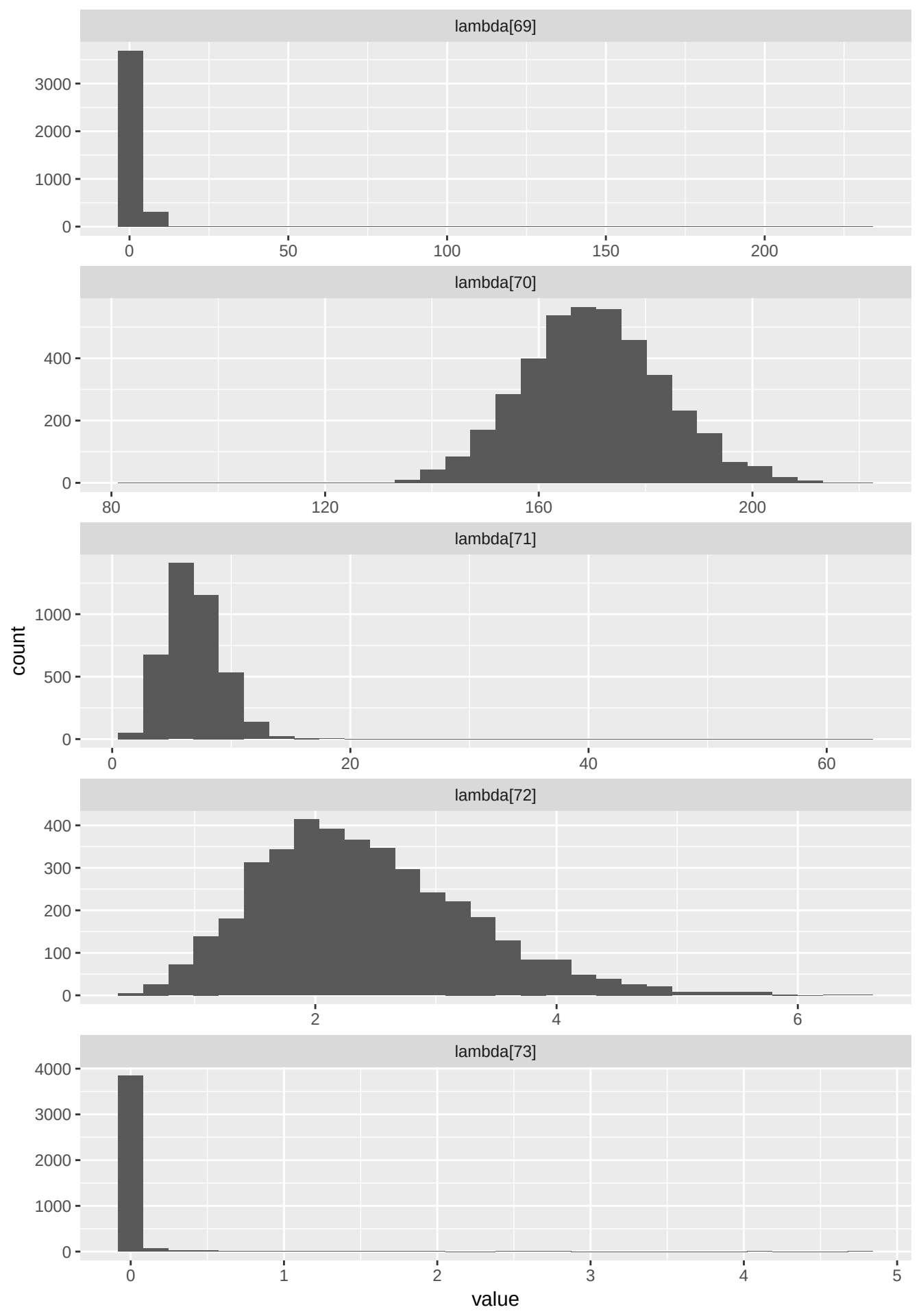

lambda[44]
lambda[45]
lambda[46]
lambda[47]
lambda[48]
count
value

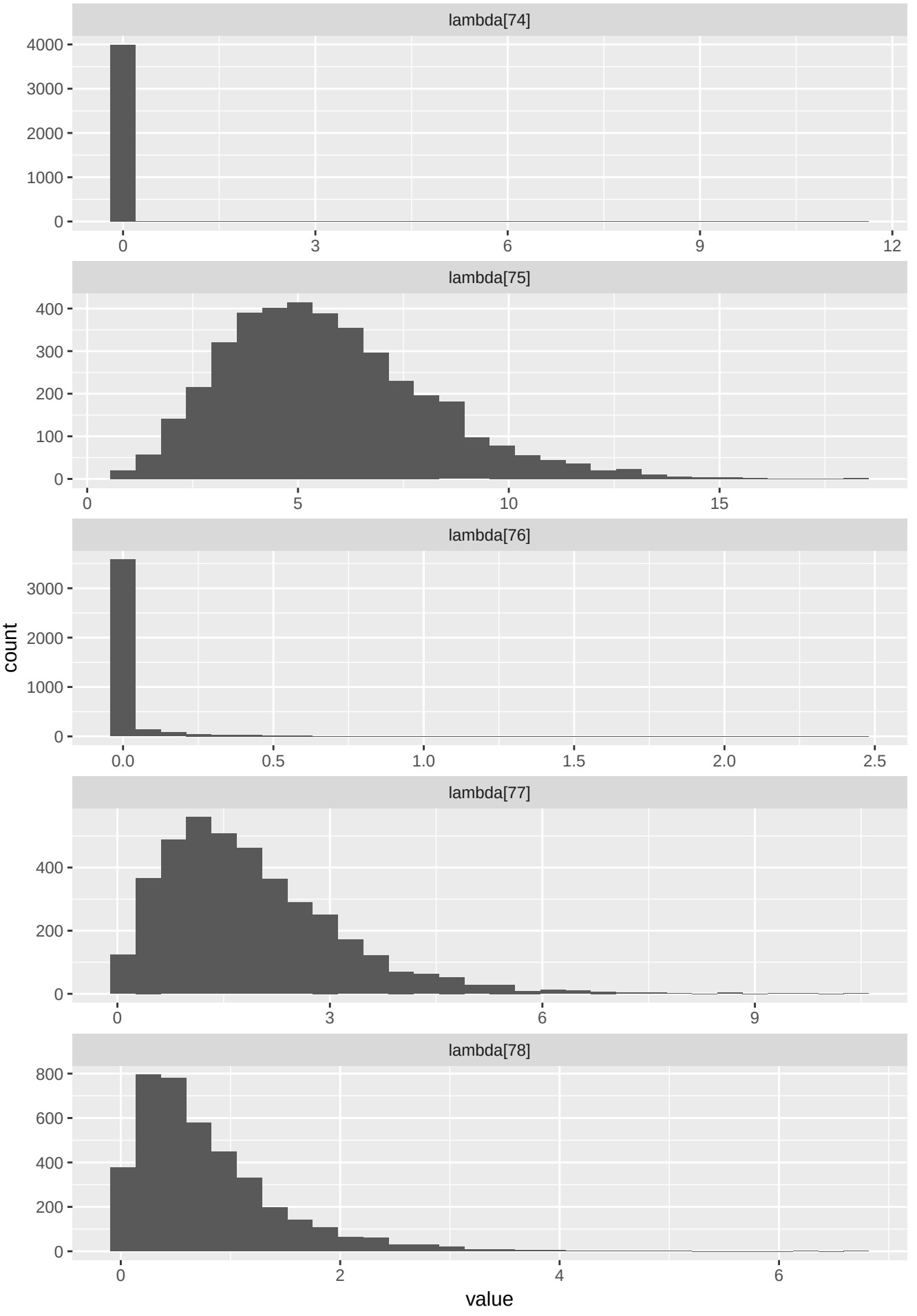

lambda[49]
750
500
250
0
200
300
400
lambda[50]
800
600
400
200
0
0
2000
4000
lambda[51]
600
400
200
0
0
1
2
3
4
5
count
lambda[52]
1500
1000
500
0
0
20
40
60
lambda[53]
2500
2000
1500
1000
500
0
0
5
10
15
value

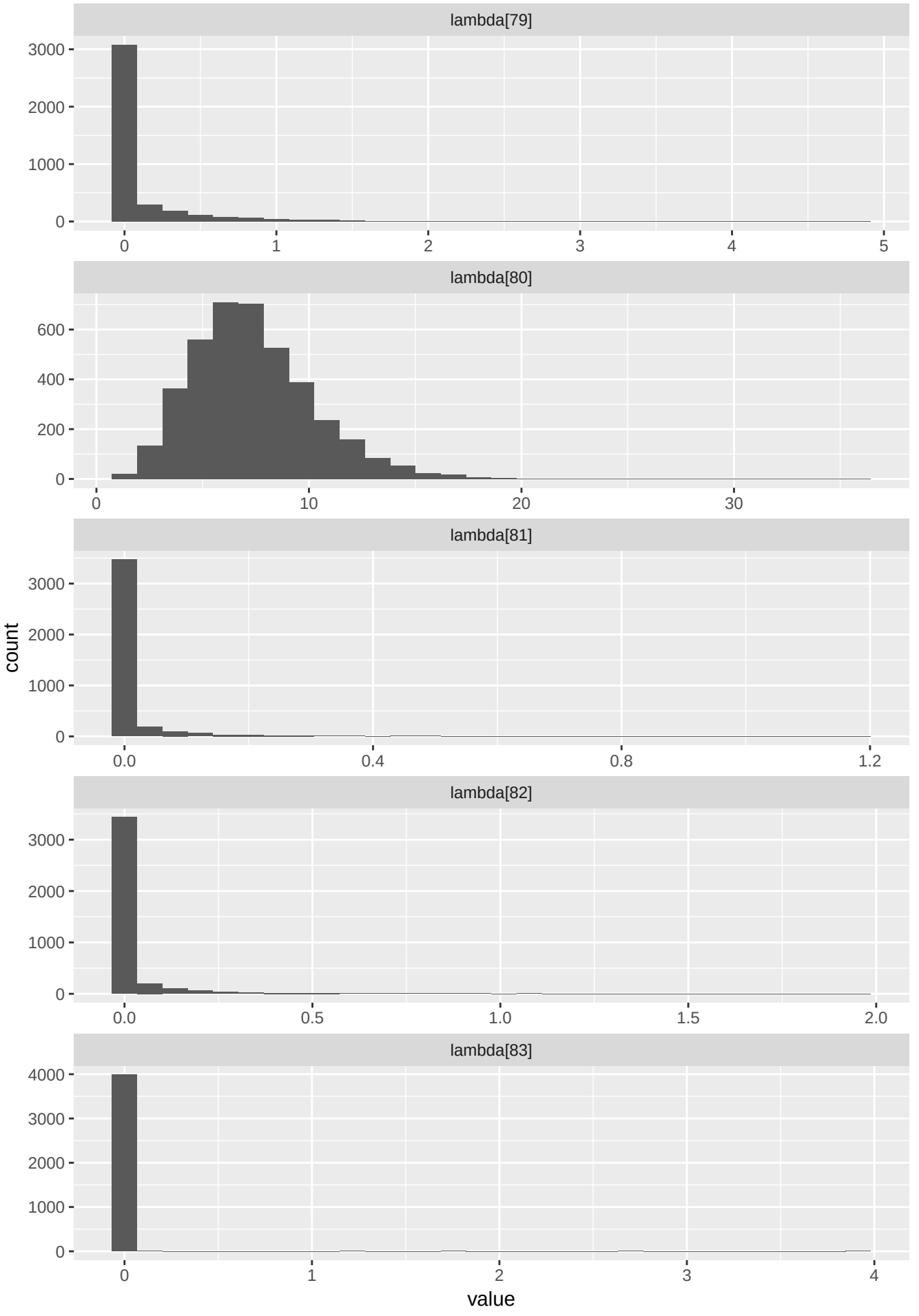

lambda[54]
1500
1000
500
0
0
1
2
3
4
lambda[55]
3000
2000
1000
0
0
1
2
lambda[56]
count
3000
2000
1000
0
0
1
2
3
lambda[57]
3000
2000
1000
0
0.00
0.25
0.50
0.75
1.00
lambda[58]
600
400
200
0
40
80
120
160
value

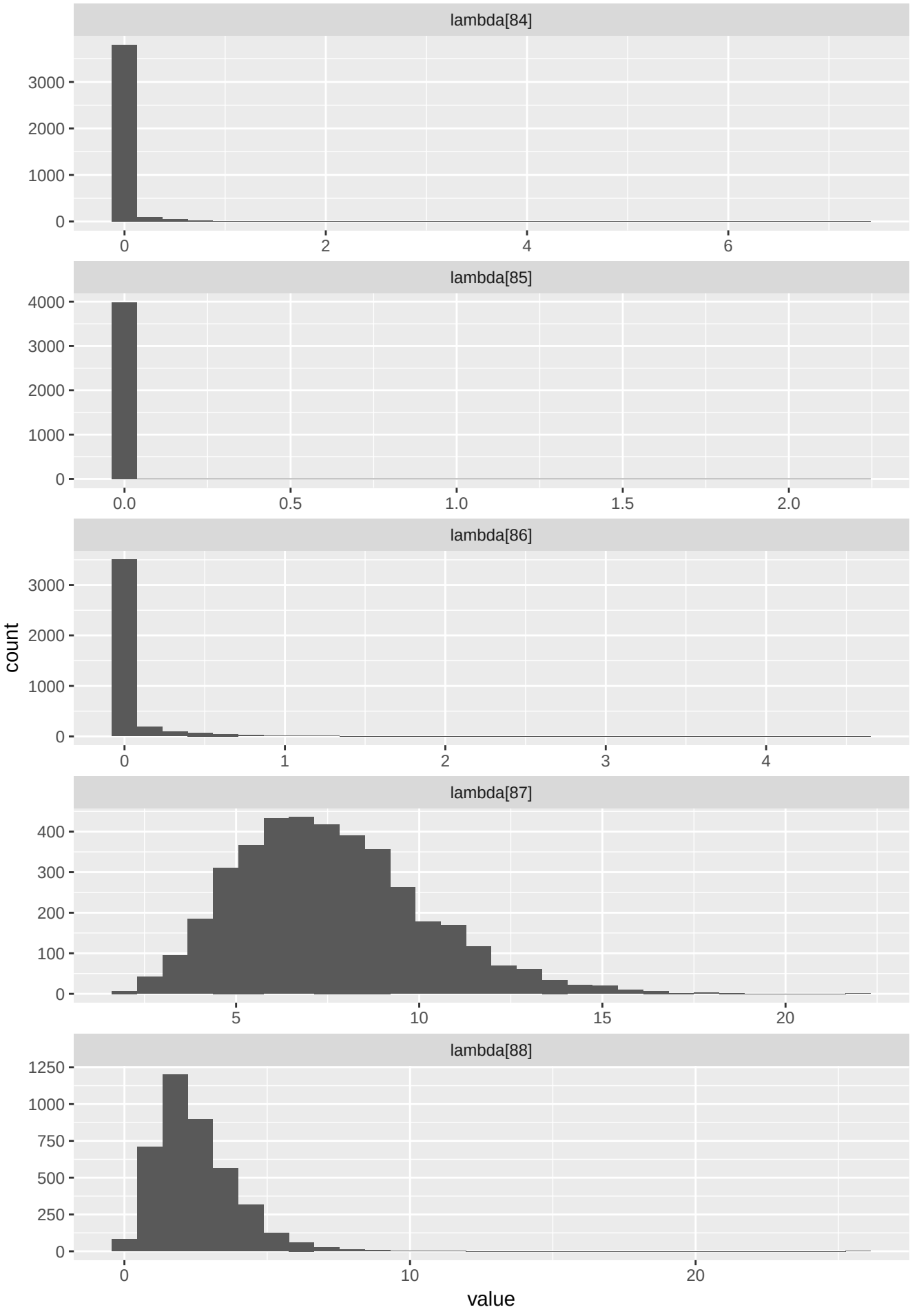

lambda[59]
lambda[60]
lambda[61]
lambda[62]
lambda[63]
count
value

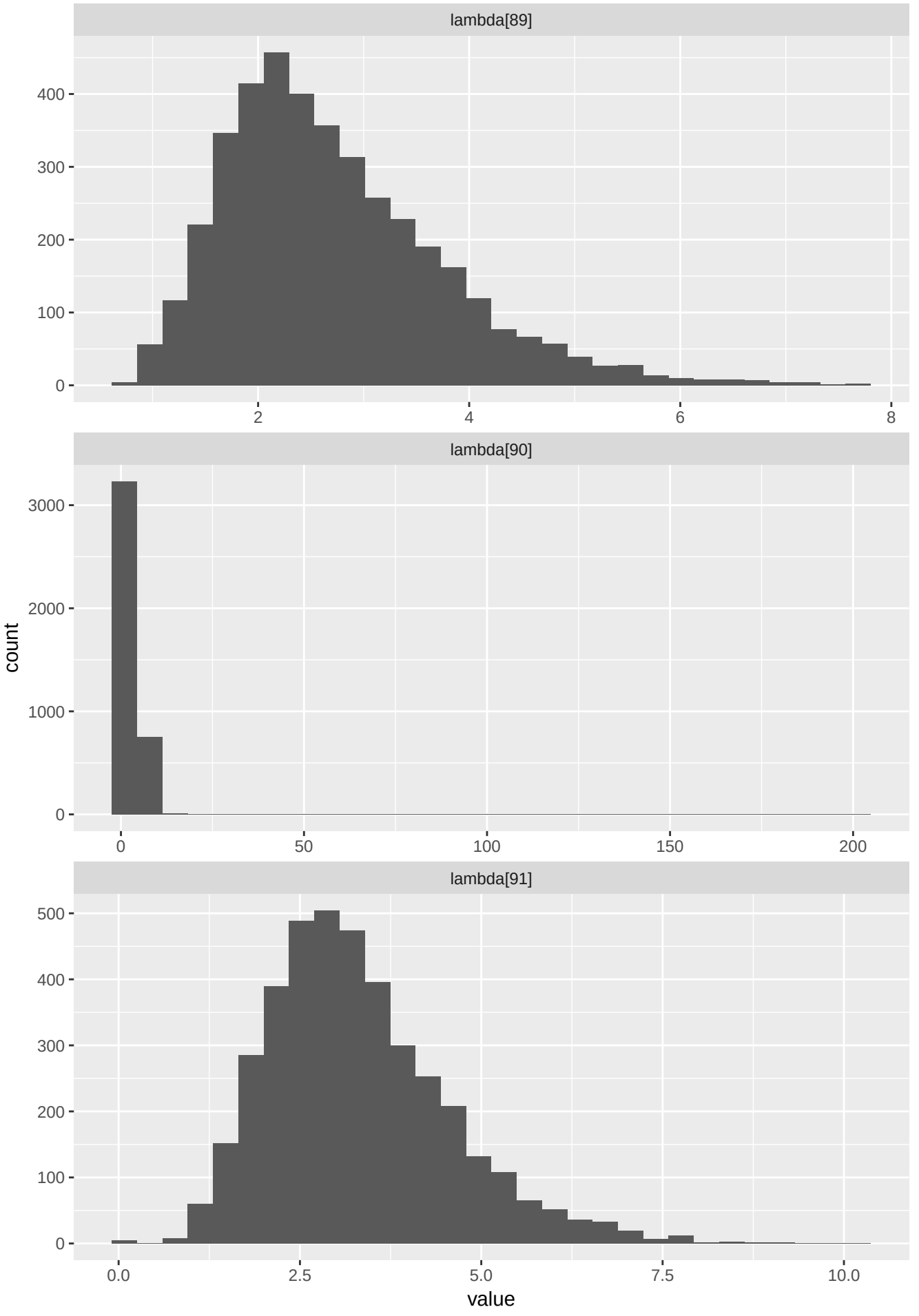

lambda[64]
lambda[65]
lambda[66]
lambda[67]
lambda[68]
count
value

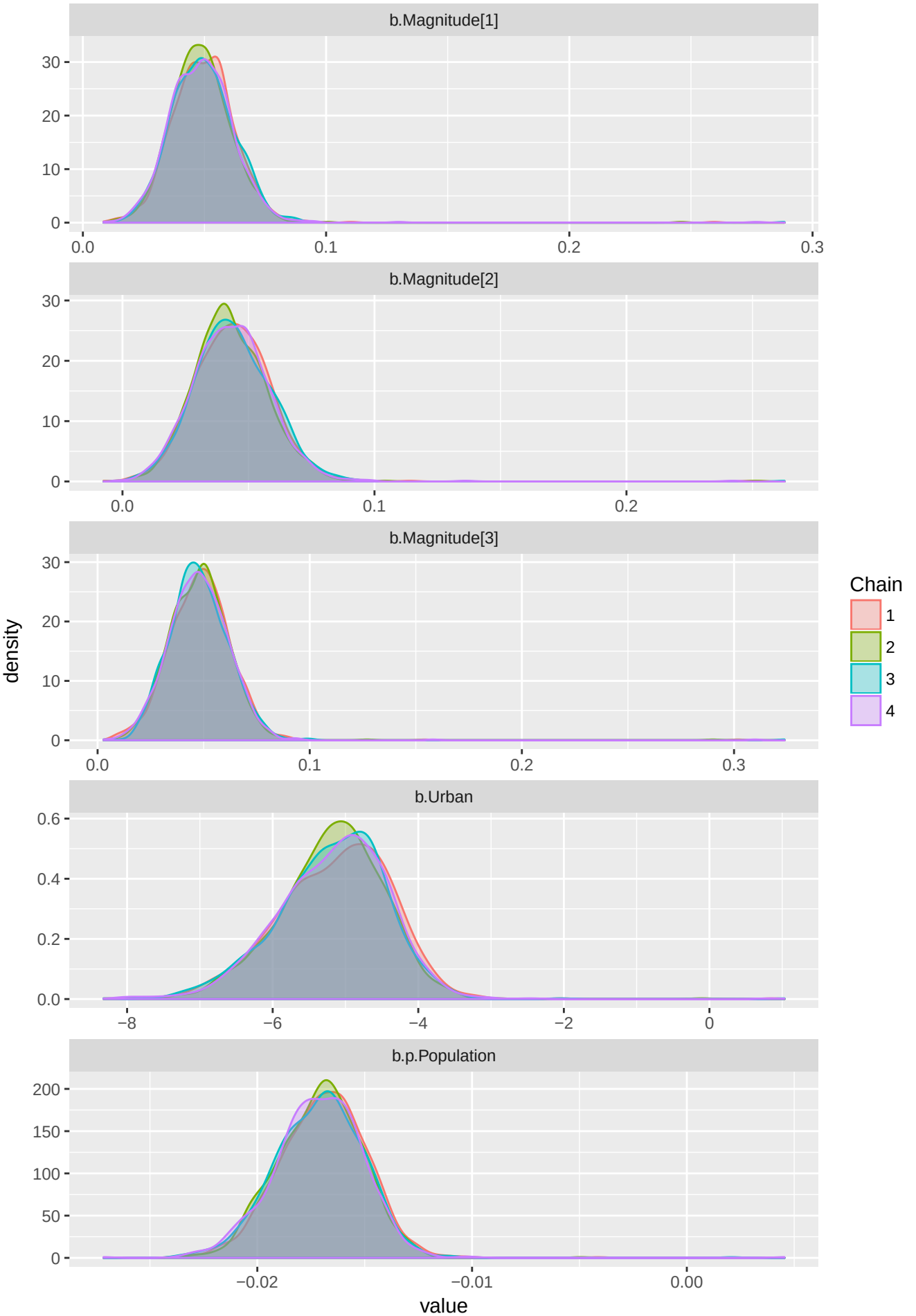

lambda[69]
lambda[70]
lambda[71]
lambda[72]
lambda[73]
count
value

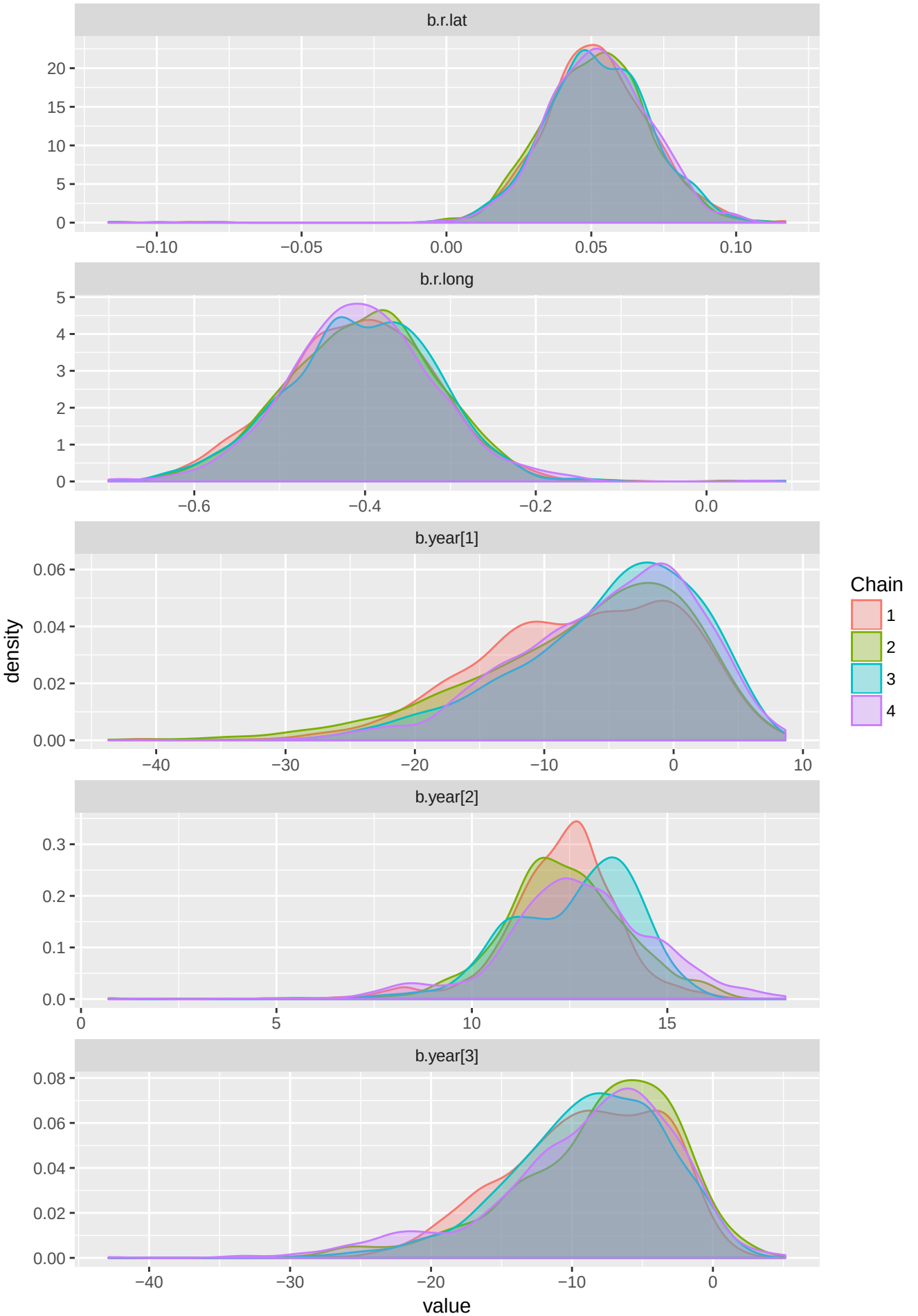

lambda[74]
lambda[75]
lambda[76]
lambda[77]
lambda[78]
count
value

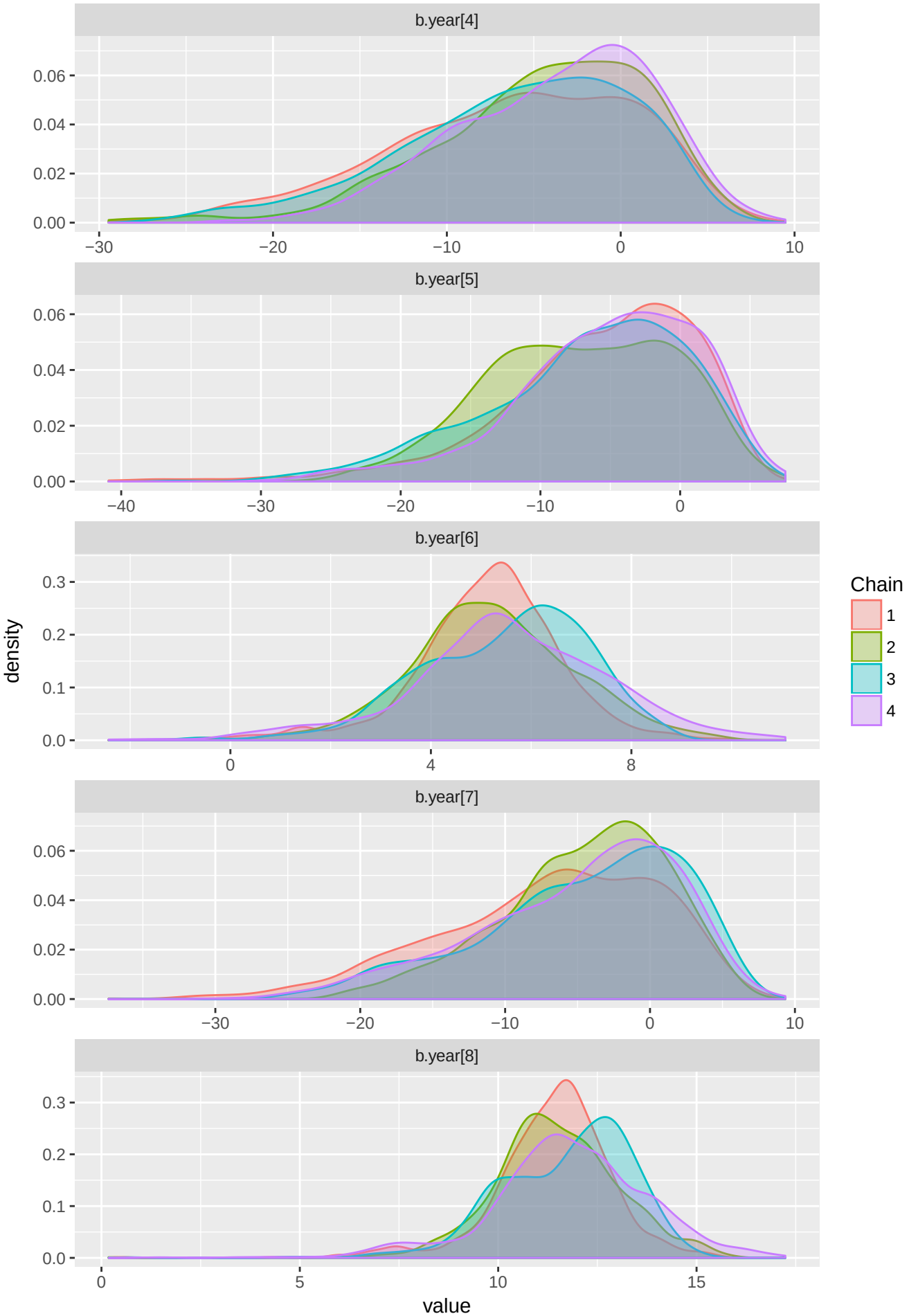

lambda[79]
lambda[80]
lambda[81]
lambda[82]
lambda[83]
count
value

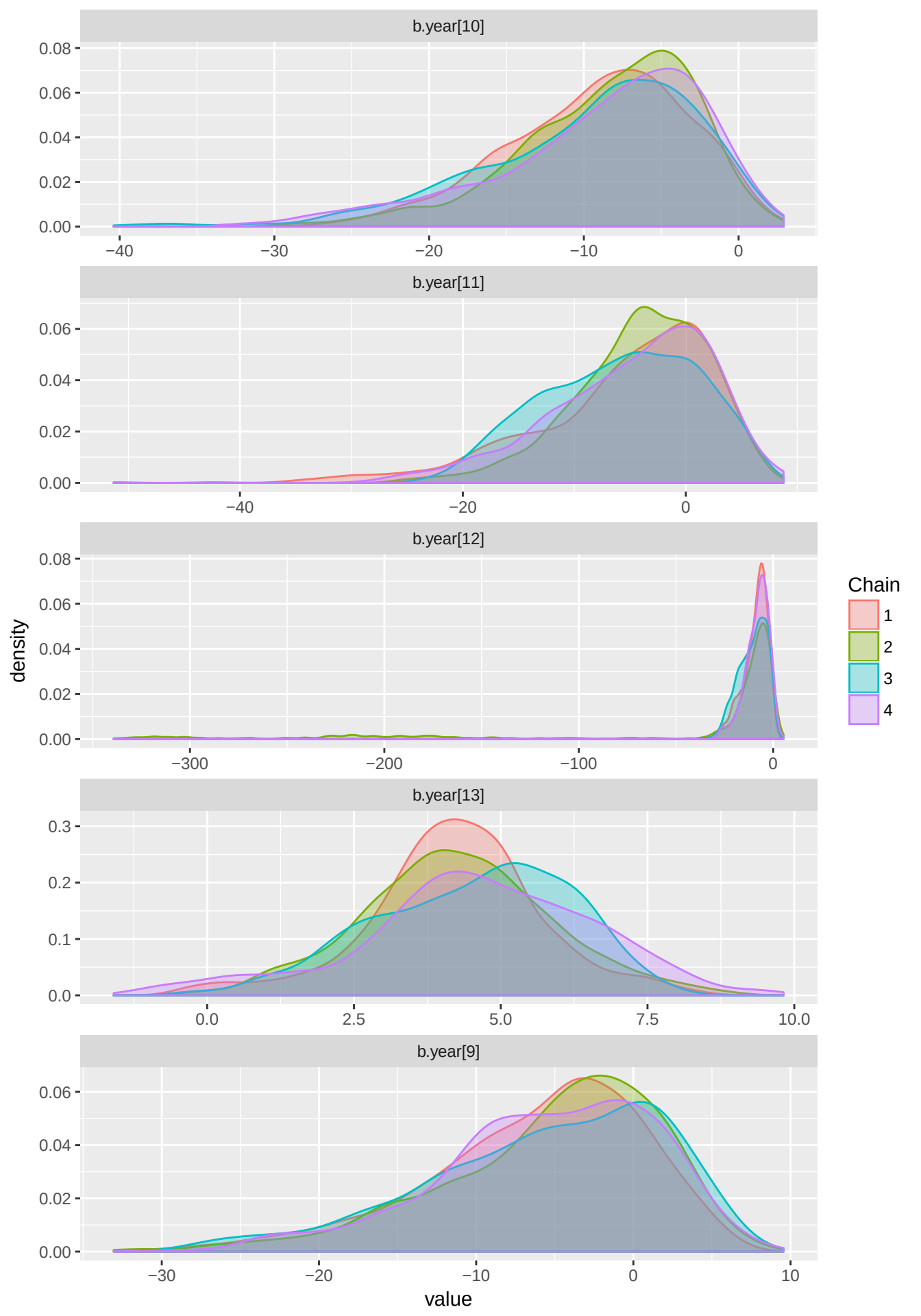

lambda[84]
lambda[85]
lambda[86]
lambda[87]
lambda[88]
count
value

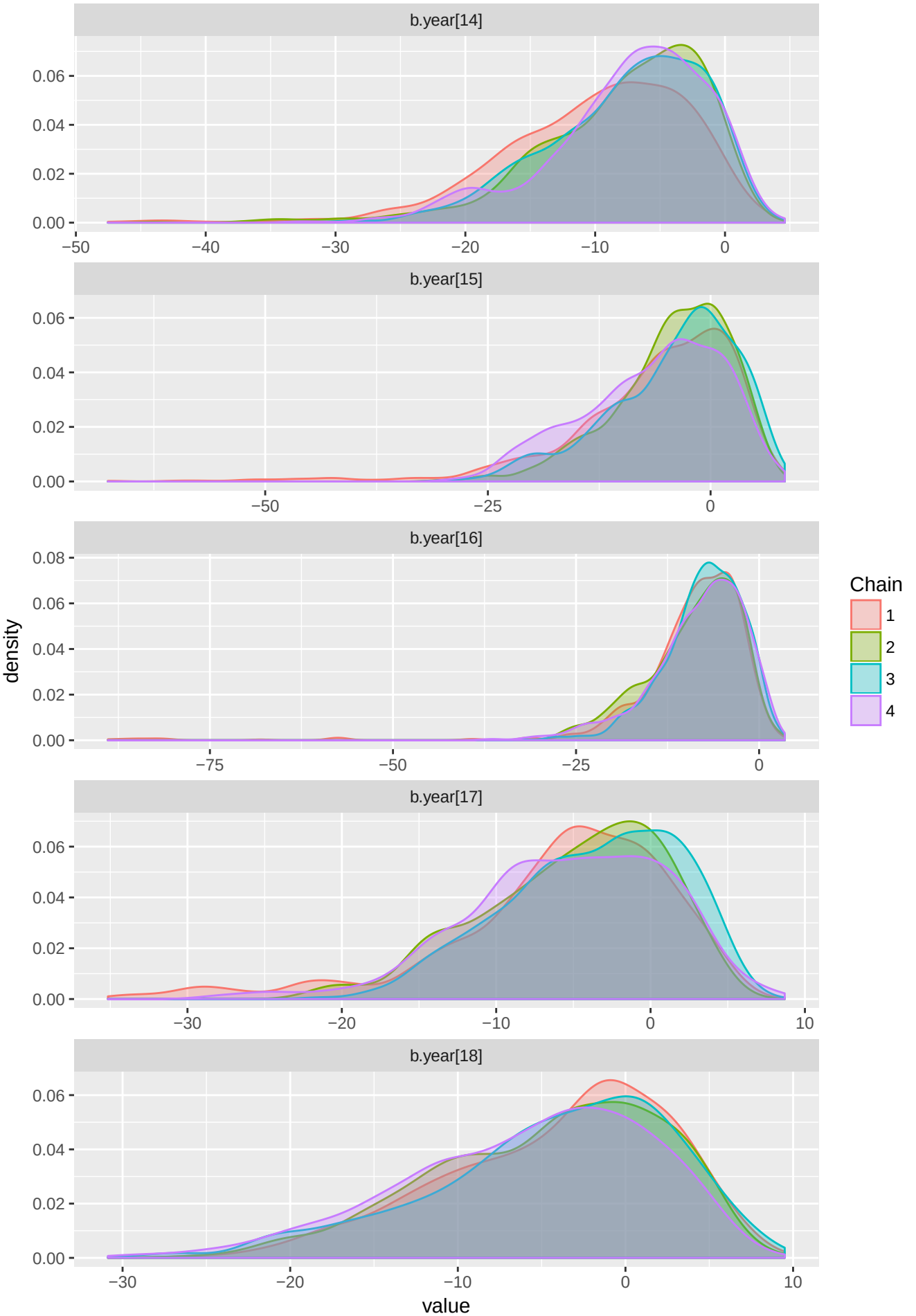

lambda[89]
lambda[90]
lambda[91]
count
value

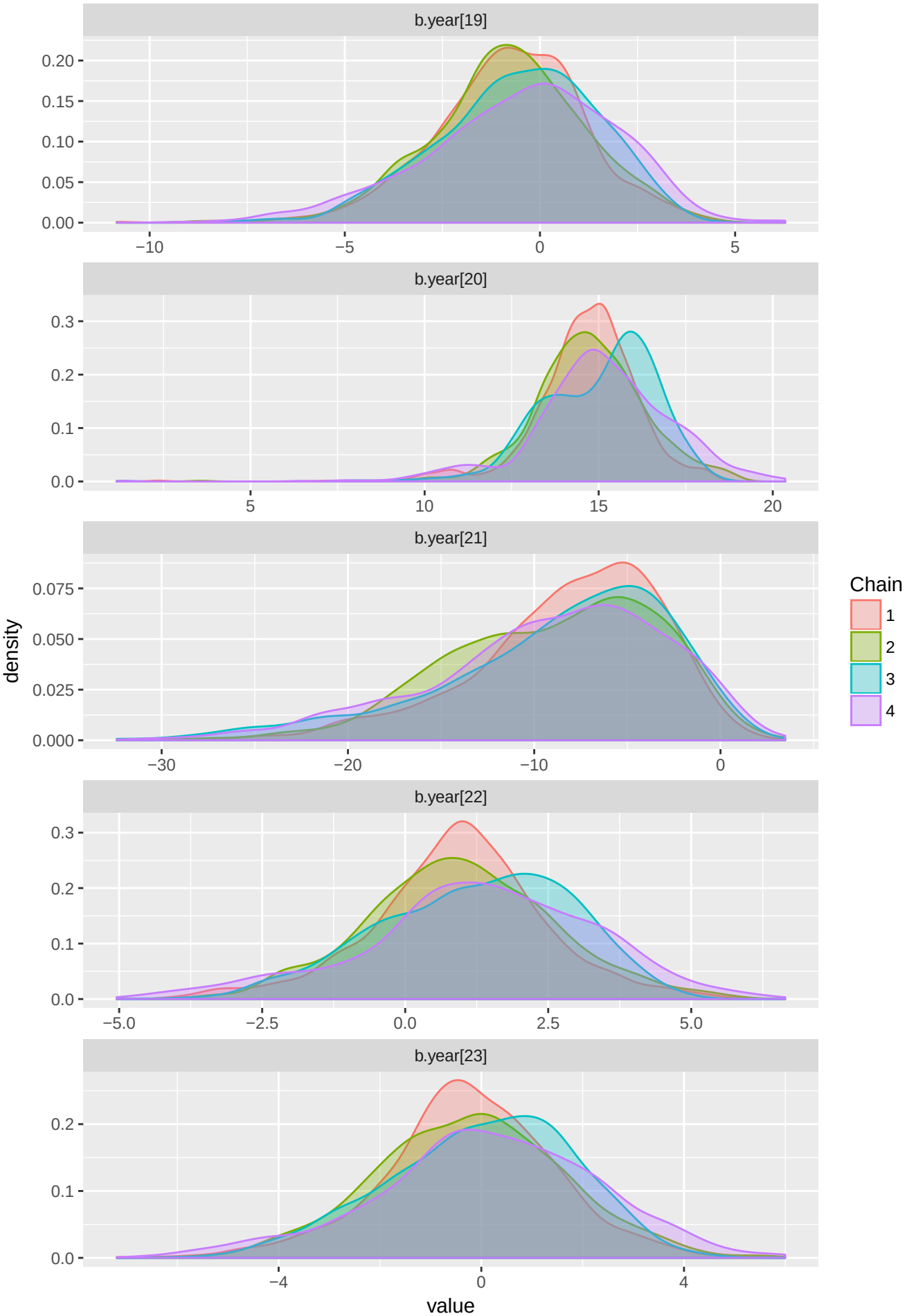

b.Magnitude[1]
b.Magnitude[2]
b.Magnitude[3]
b.Urban
b.p.Population
density
value
Chain
1
2
3
4

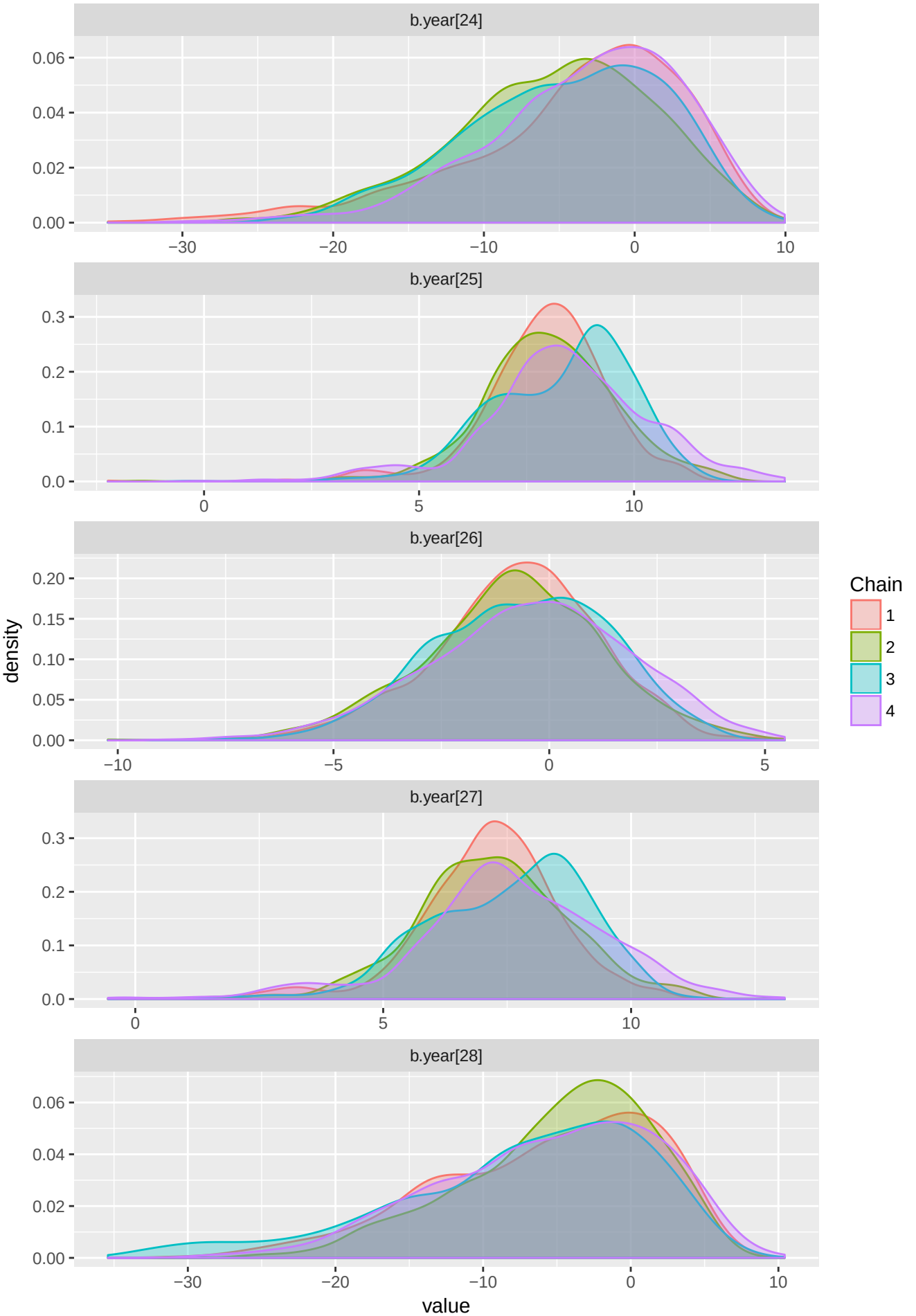

b.r.lat
b.r.long
b.year[1]
b.year[2]
b.year[3]
density
value
Chain
1
2
3
4

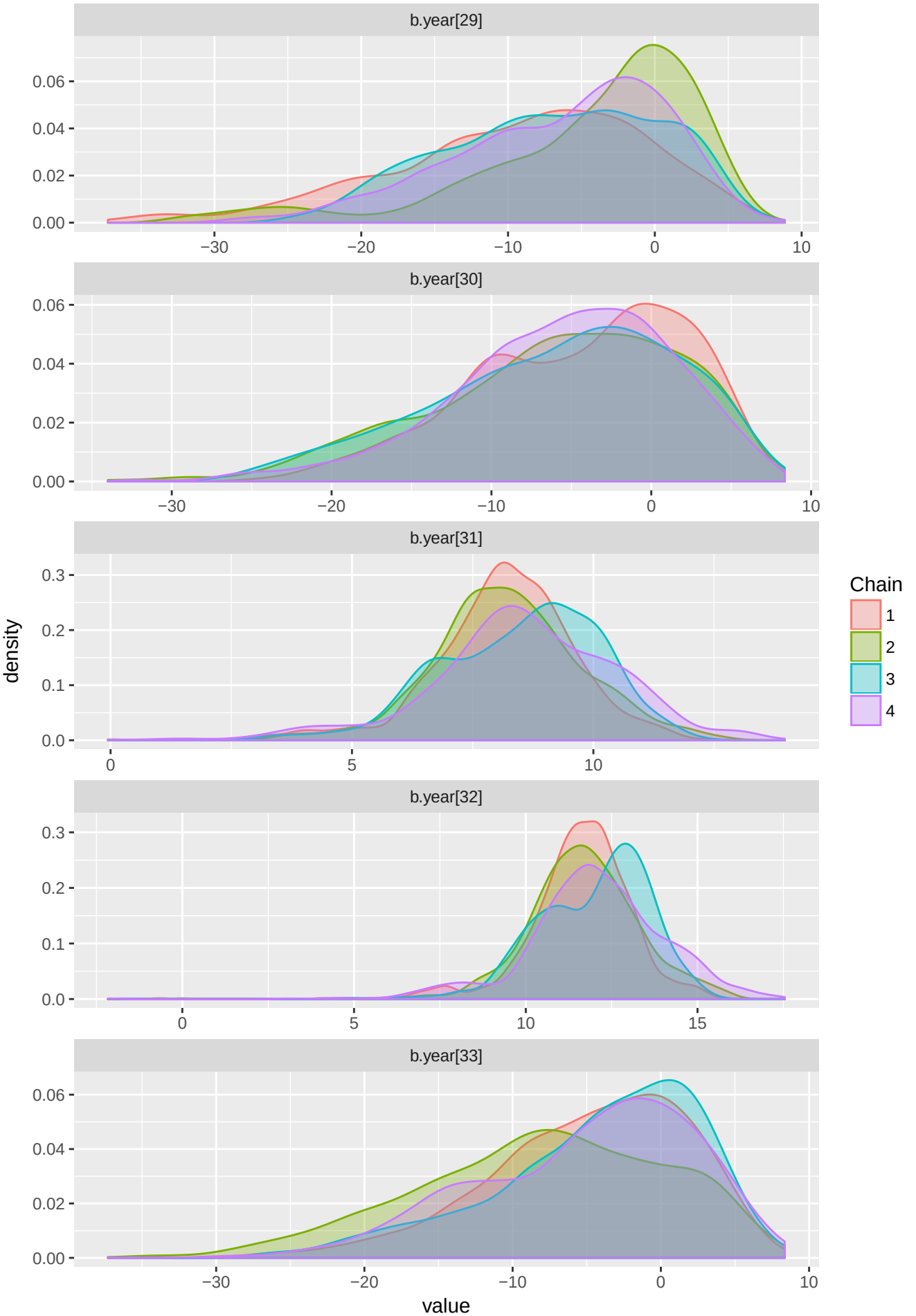

b.year[4]
b.year[5]
b.year[6]
b.year[7]
b.year[8]
density
value
Chain
1
2
3
4

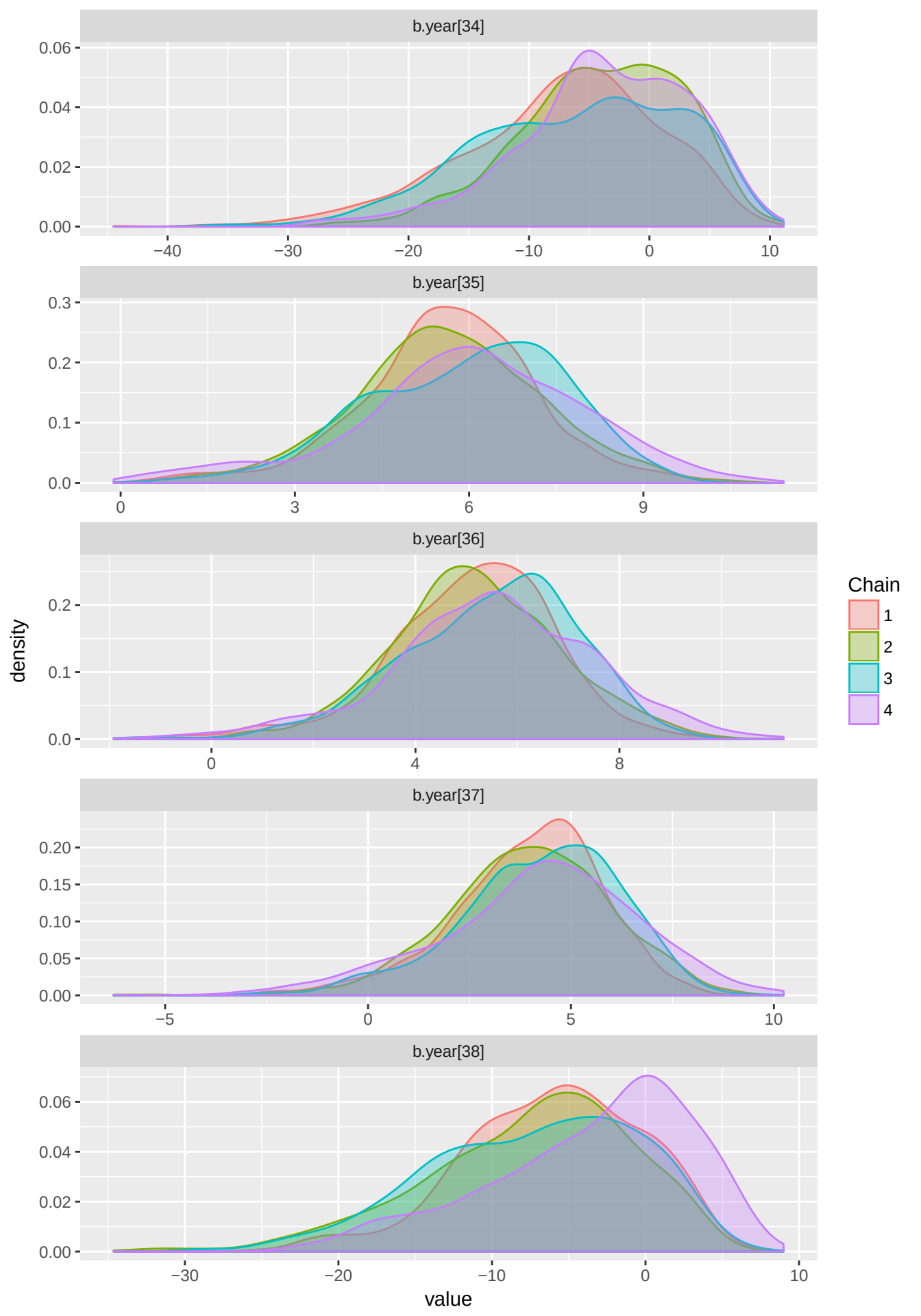

b.year[10]
b.year[11]
b.year[12]
b.year[13]
b.year[9]
density
value
Chain
1
2
3
4

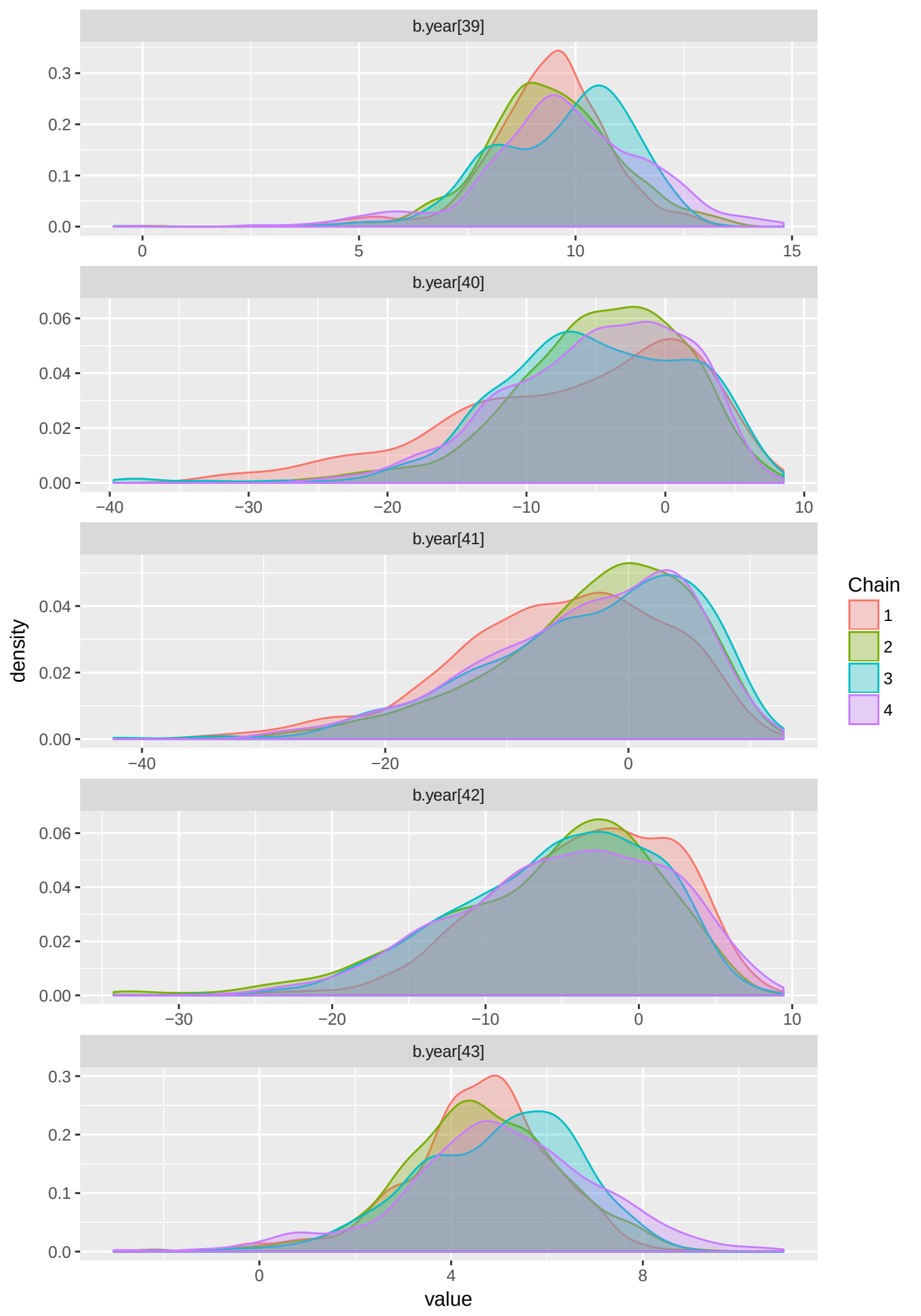

b.year[14]
b.year[15]
b.year[16]
b.year[17]
b.year[18]
density
value
Chain
1
2
3
4

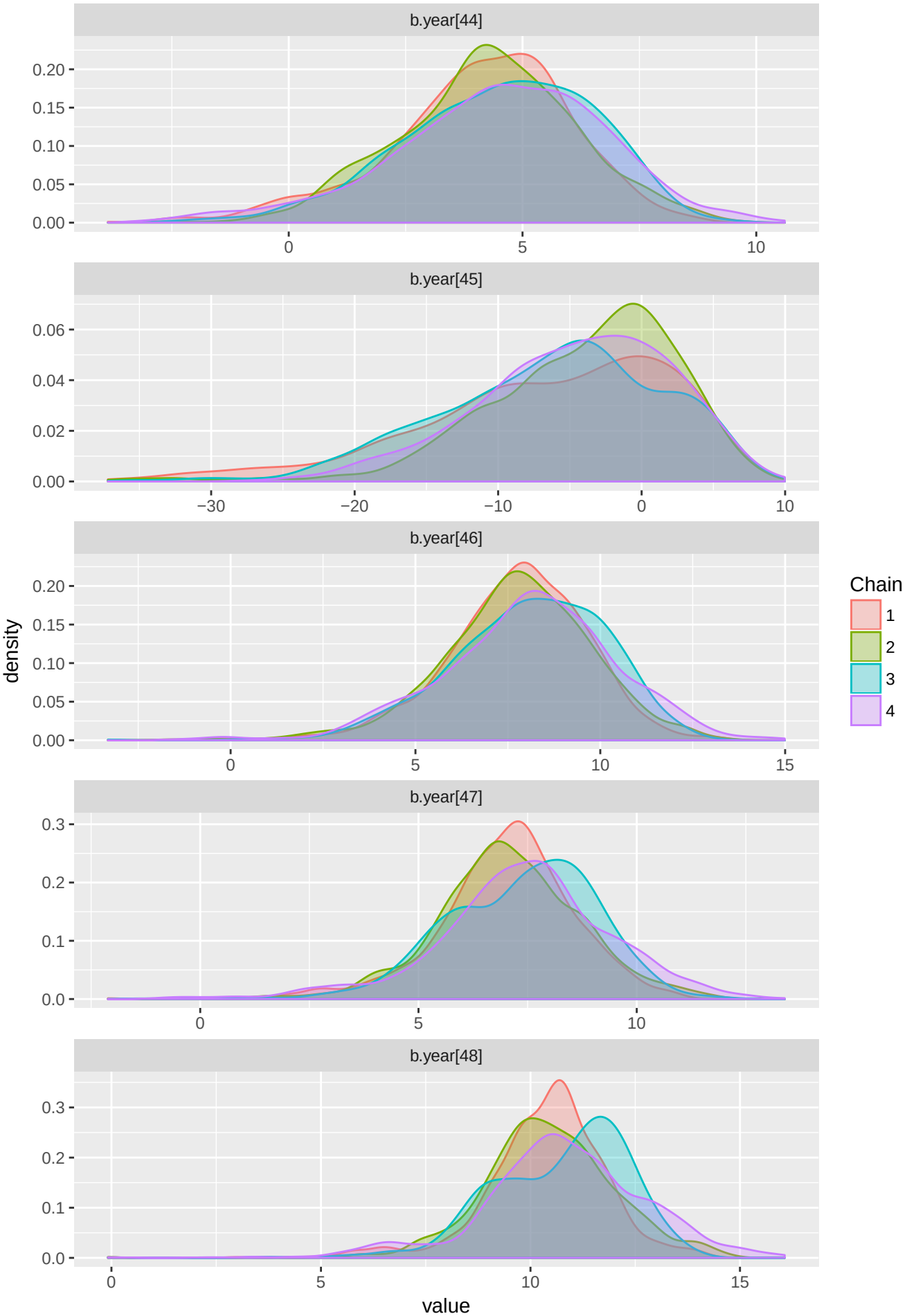

b.year[19]
b.year[20]
b.year[21]
b.year[22]
b.year[23]
density
value
Chain
1
2
3
4

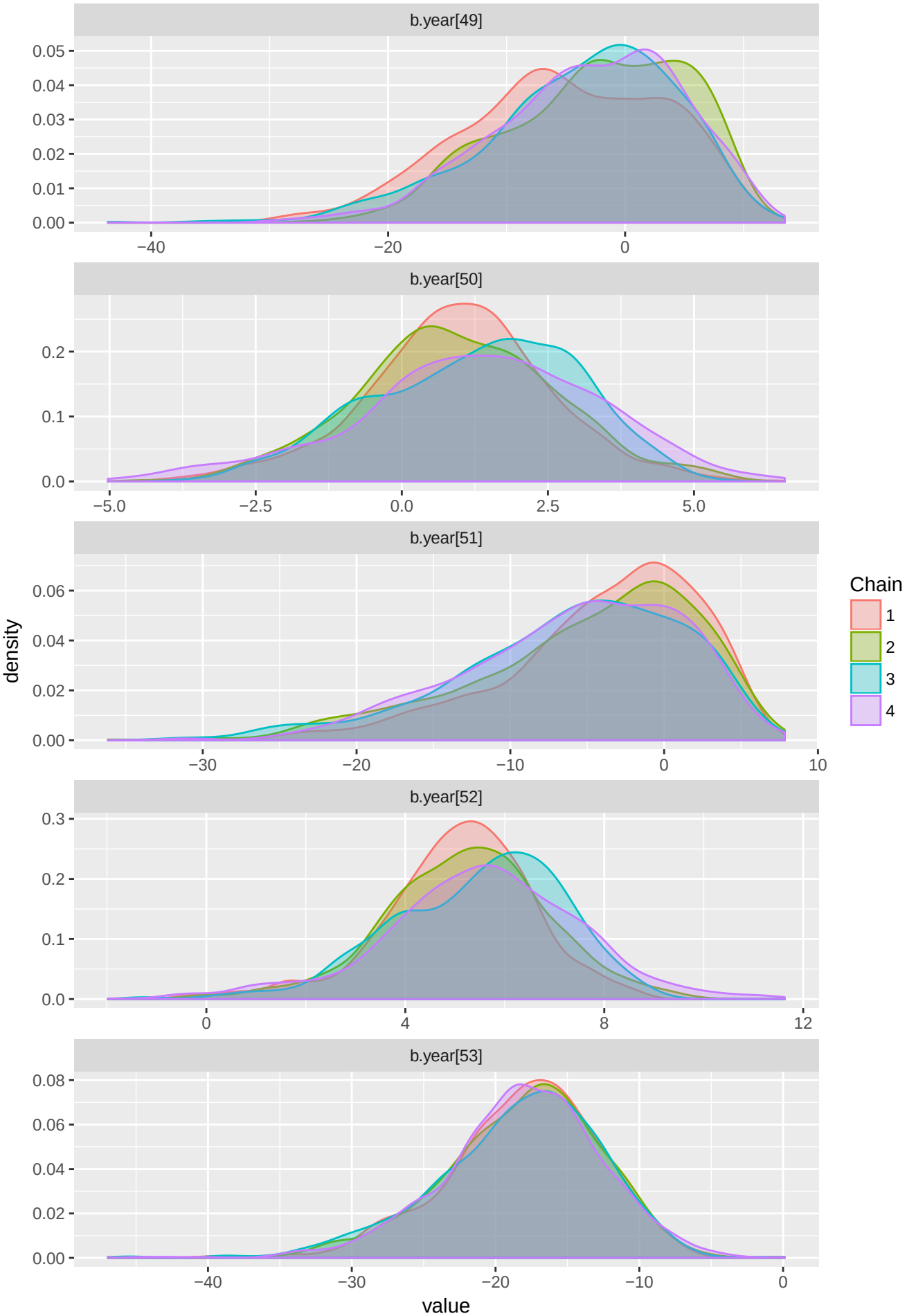

b.year[24]
b.year[25]
b.year[26]
b.year[27]
b.year[28]
density
value
Chain
1
2
3
4

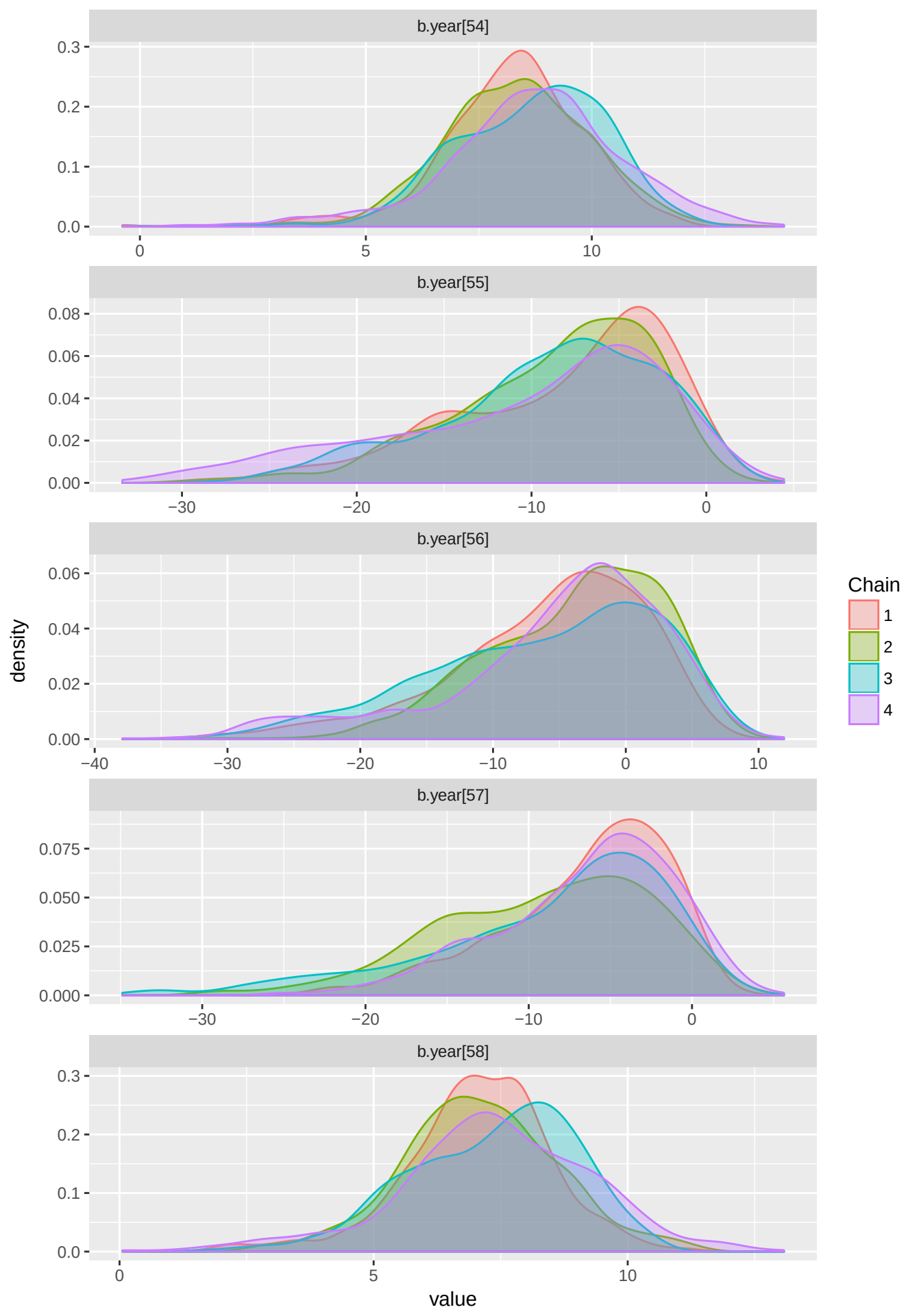

b.year[29]
b.year[30]
b.year[31]
b.year[32]
b.year[33]
density
value
Chain
1
2
3
4

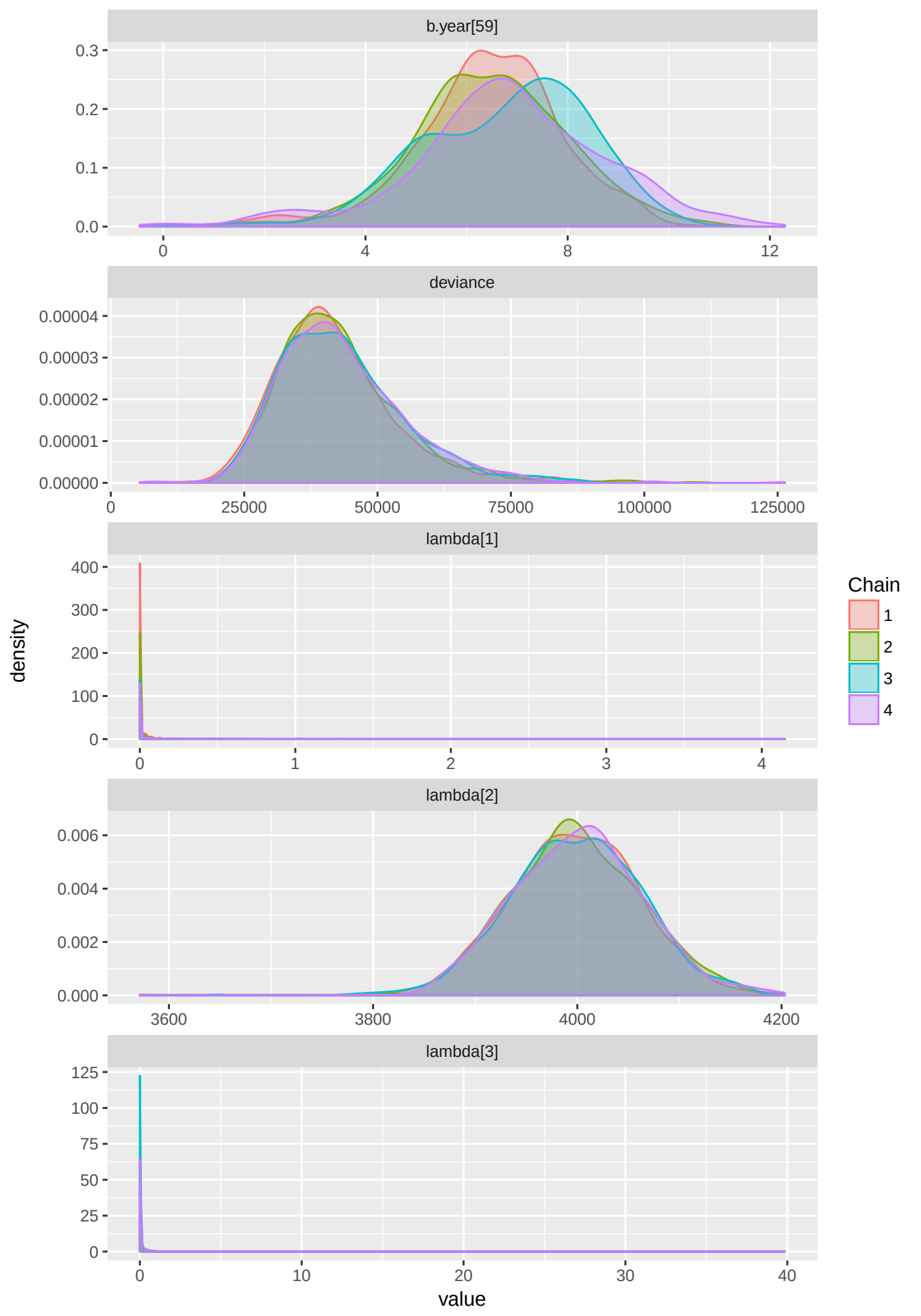

b.year[34]
b.year[35]
b.year[36]
b.year[37]
b.year[38]
density
value
Chain
1
2
3
4

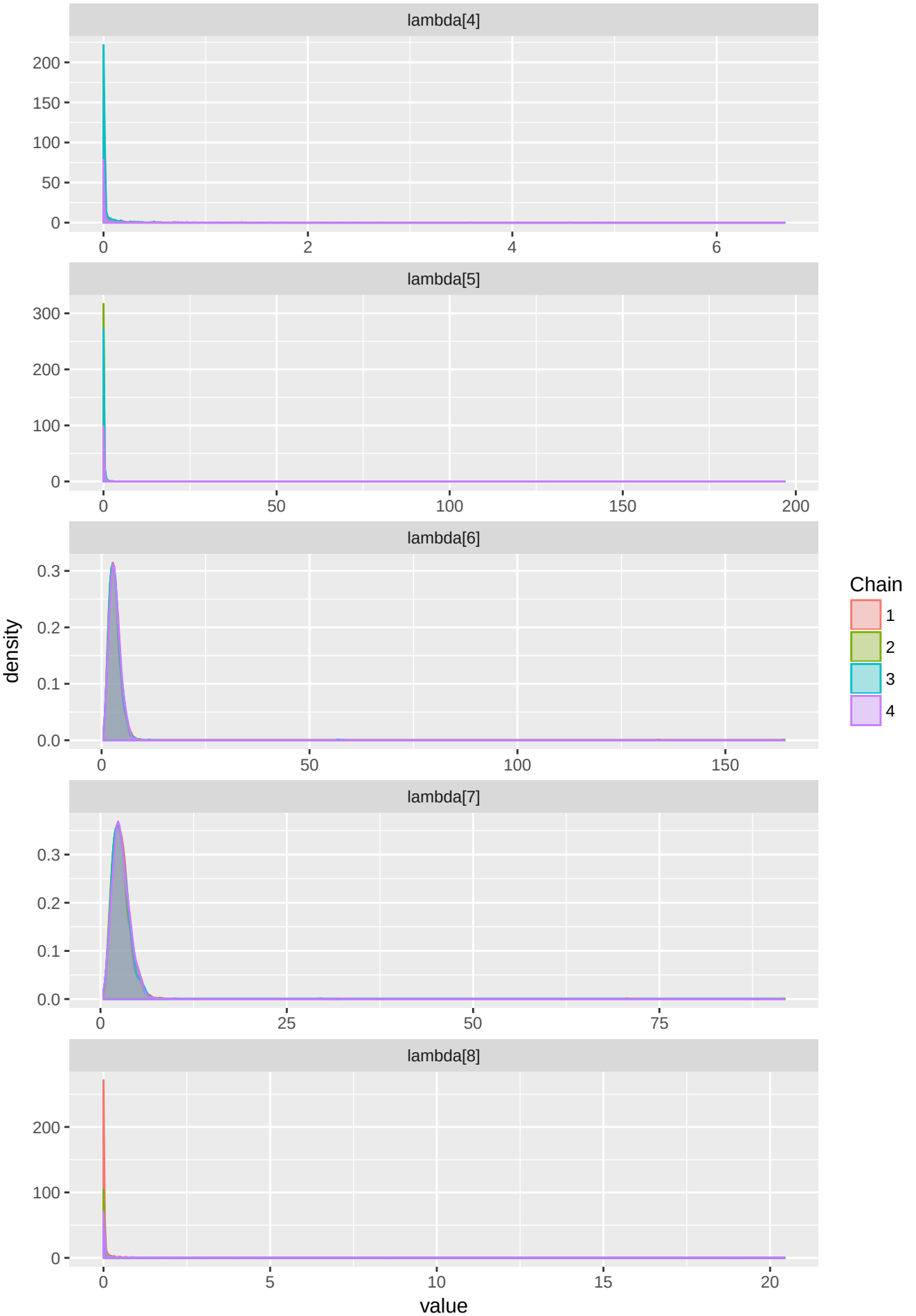

b.year[39]
b.year[40]
b.year[41]
b.year[42]
b.year[43]
density
value
Chain
1
2
3
4

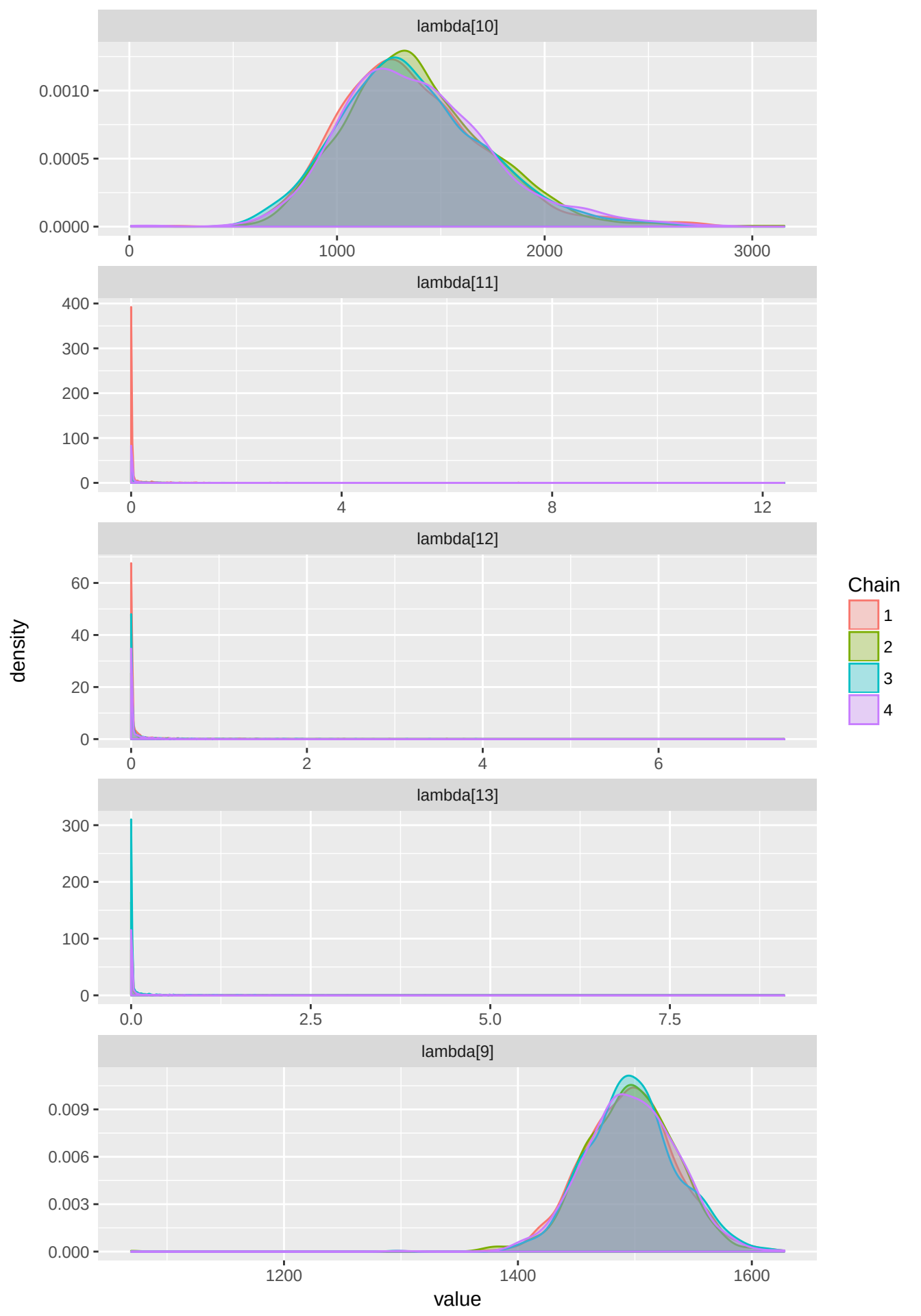

b.year[44]
b.year[45]
b.year[46]
b.year[47]
b.year[48]
density
value
Chain
1
2
3
4

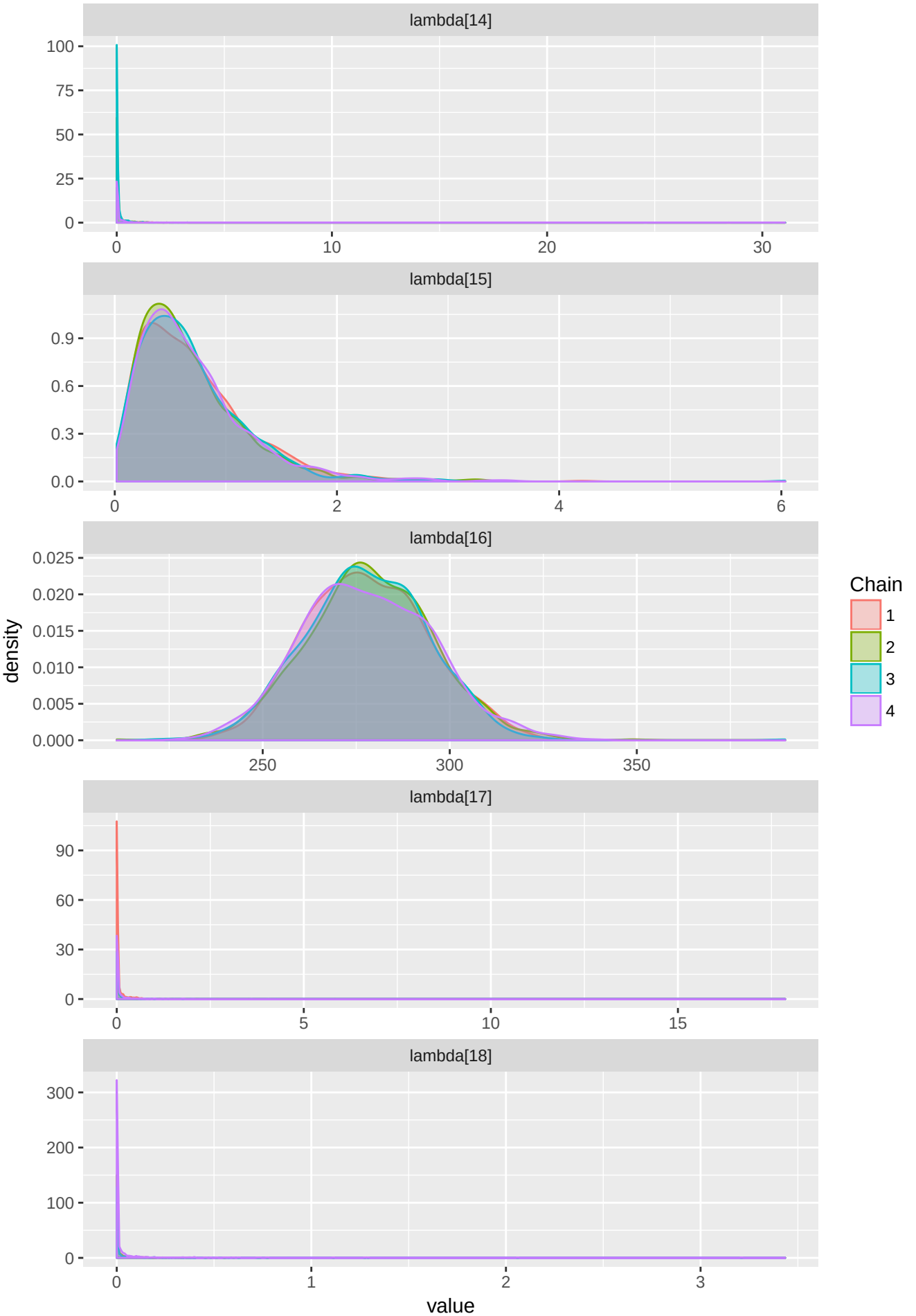

b.year[49]
b.year[50]
b.year[51]
b.year[52]
b.year[53]
density
value
Chain
1
2
3
4

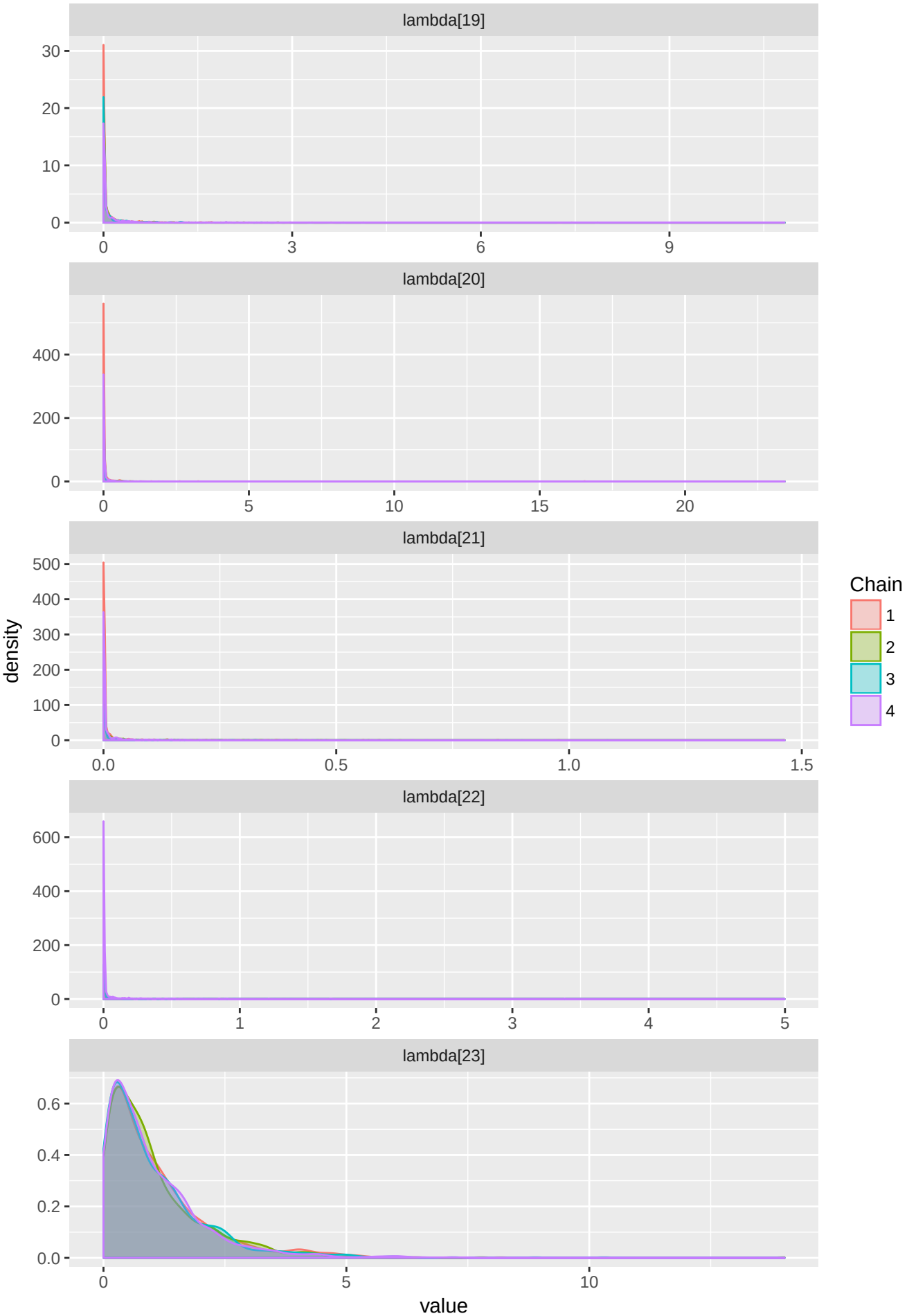

b.year[54]
b.year[55]
b.year[56]
b.year[57]
b.year[58]
density
value
Chain
1
2
3
4

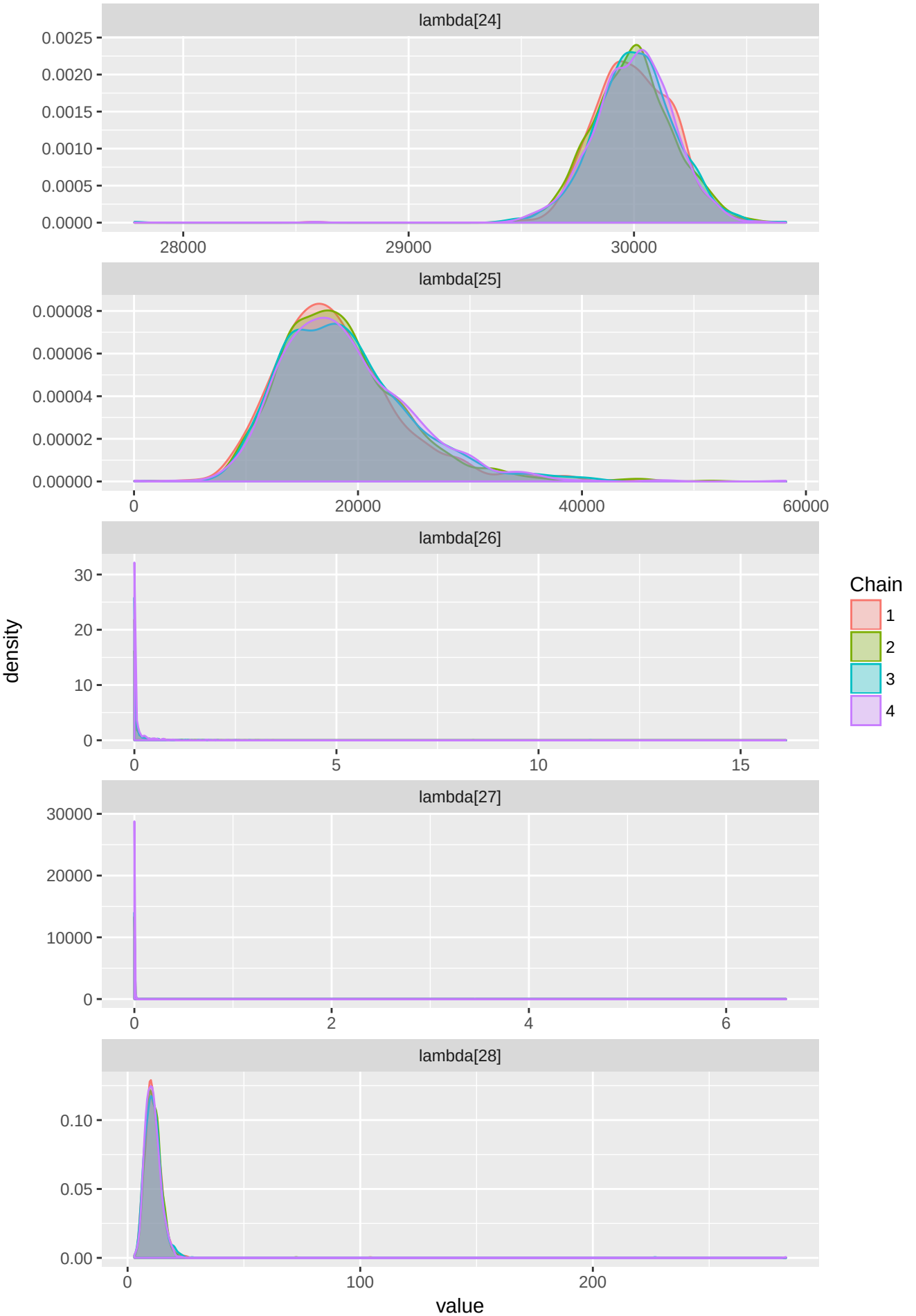

b.year[59]
deviance
lambda[1]
lambda[2]
lambda[3]
density
value
Chain
1
2
3
4

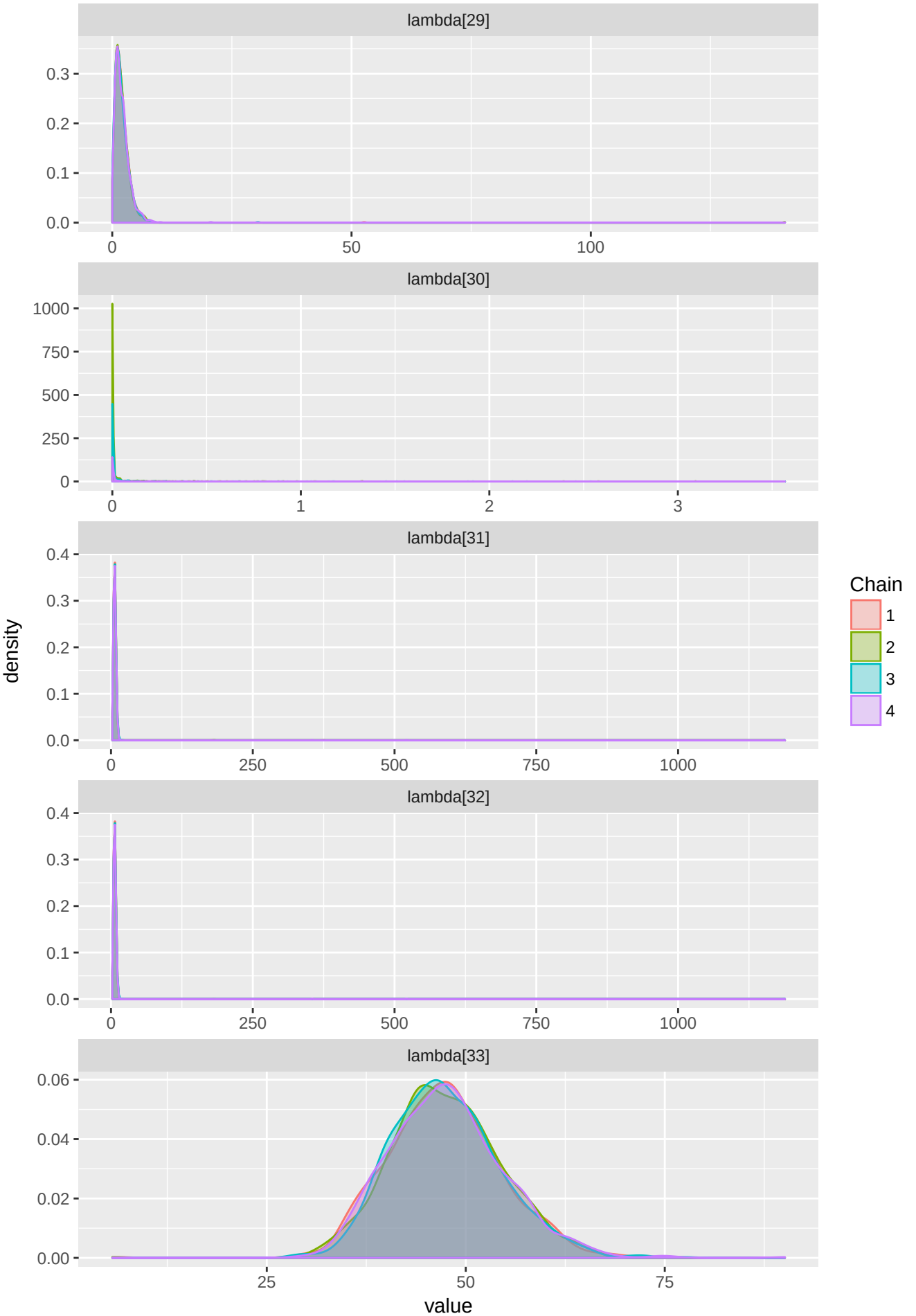

lambda[4]
lambda[5]
lambda[6]
lambda[7]
lambda[8]
density
value
Chain
1
2
3
4

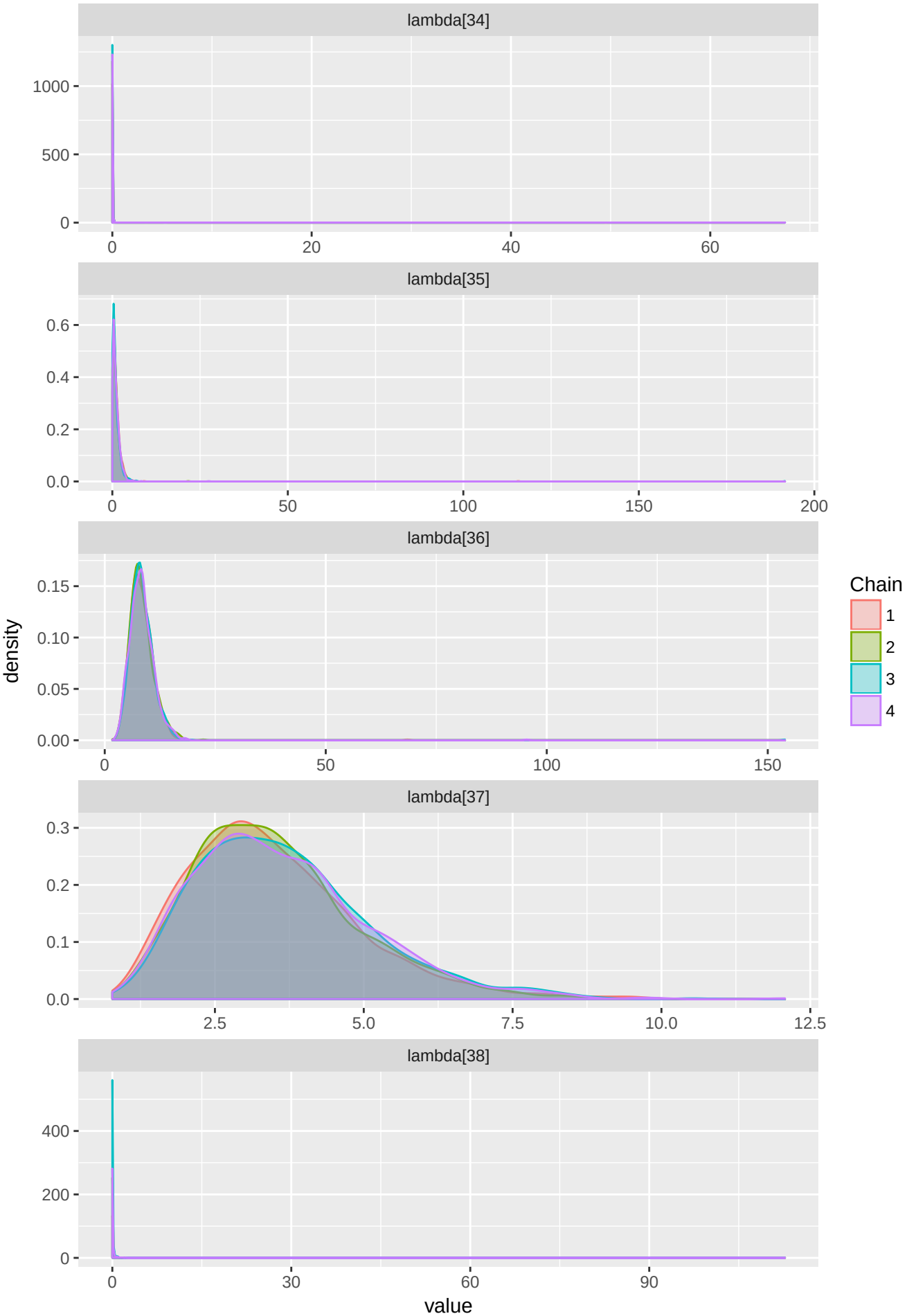

lambda[10]
0.0010
0.0005
0.0000
0
1000
2000
3000
lambda[11]
400
300
200
100
0
0
4
8
12
lambda[12]
60
40
20
0
0
2
4
6
lambda[13]
300
200
100
0
0.0
2.5
5.0
7.5
lambda[9]
0.009
0.006
0.003
0.000
1200
1400
1600
density
value
Chain
1
2
3
4

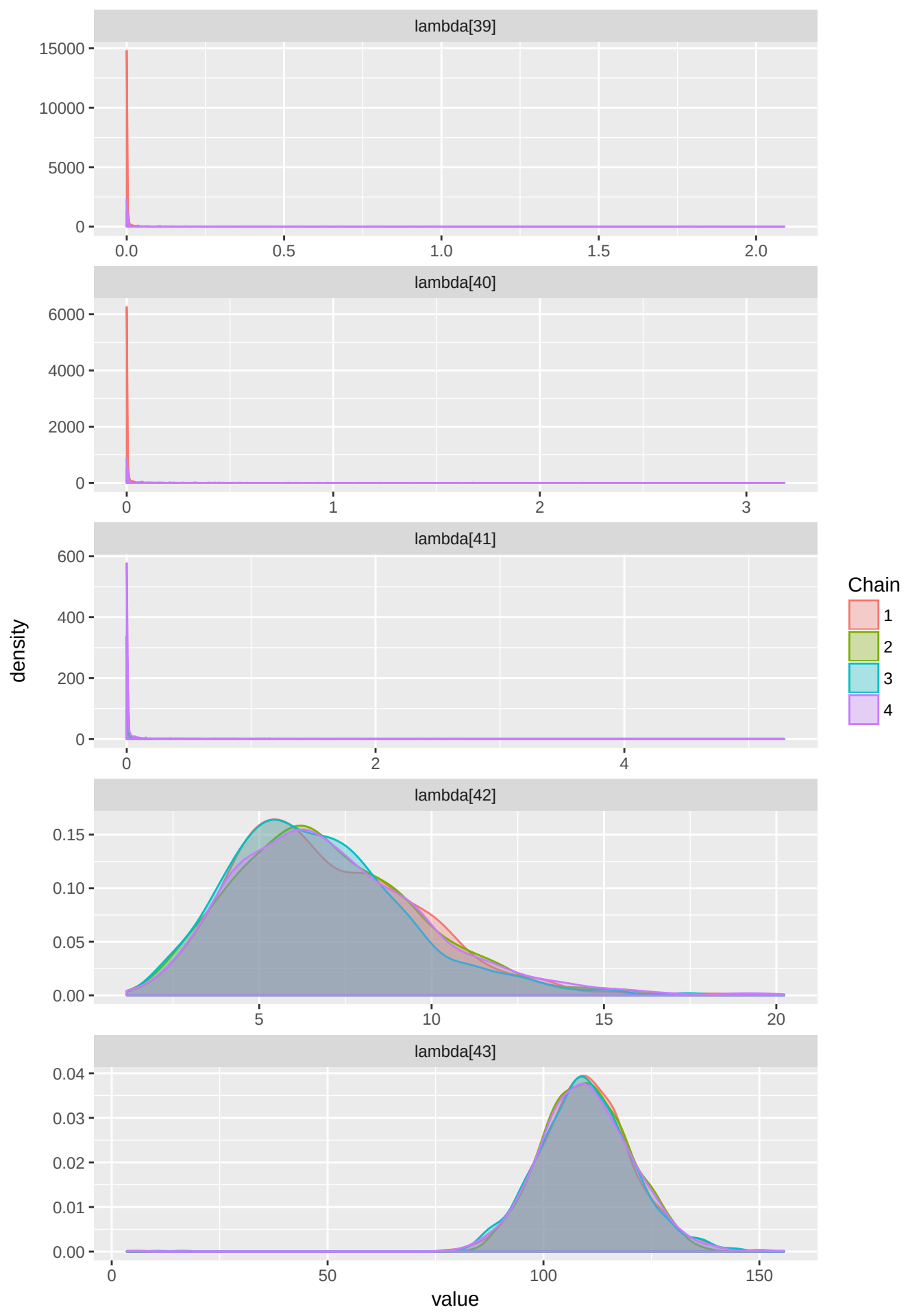

lambda[14]
lambda[15]
lambda[16]
lambda[17]
lambda[18]
density
value
Chain
1
2
3
4

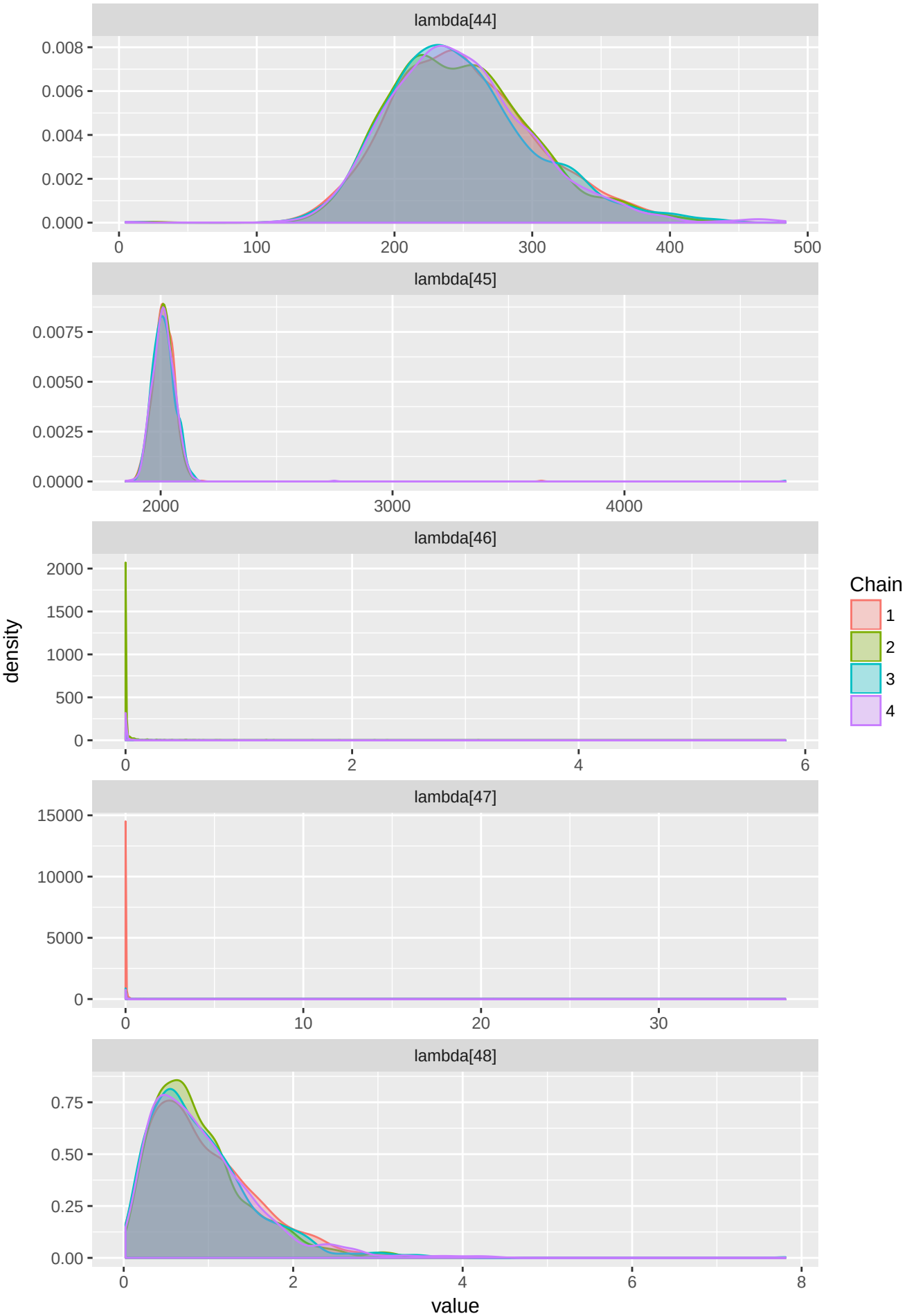

lambda[19]
lambda[20]
lambda[21]
lambda[22]
lambda[23]
density
value
Chain
1
2
3
4

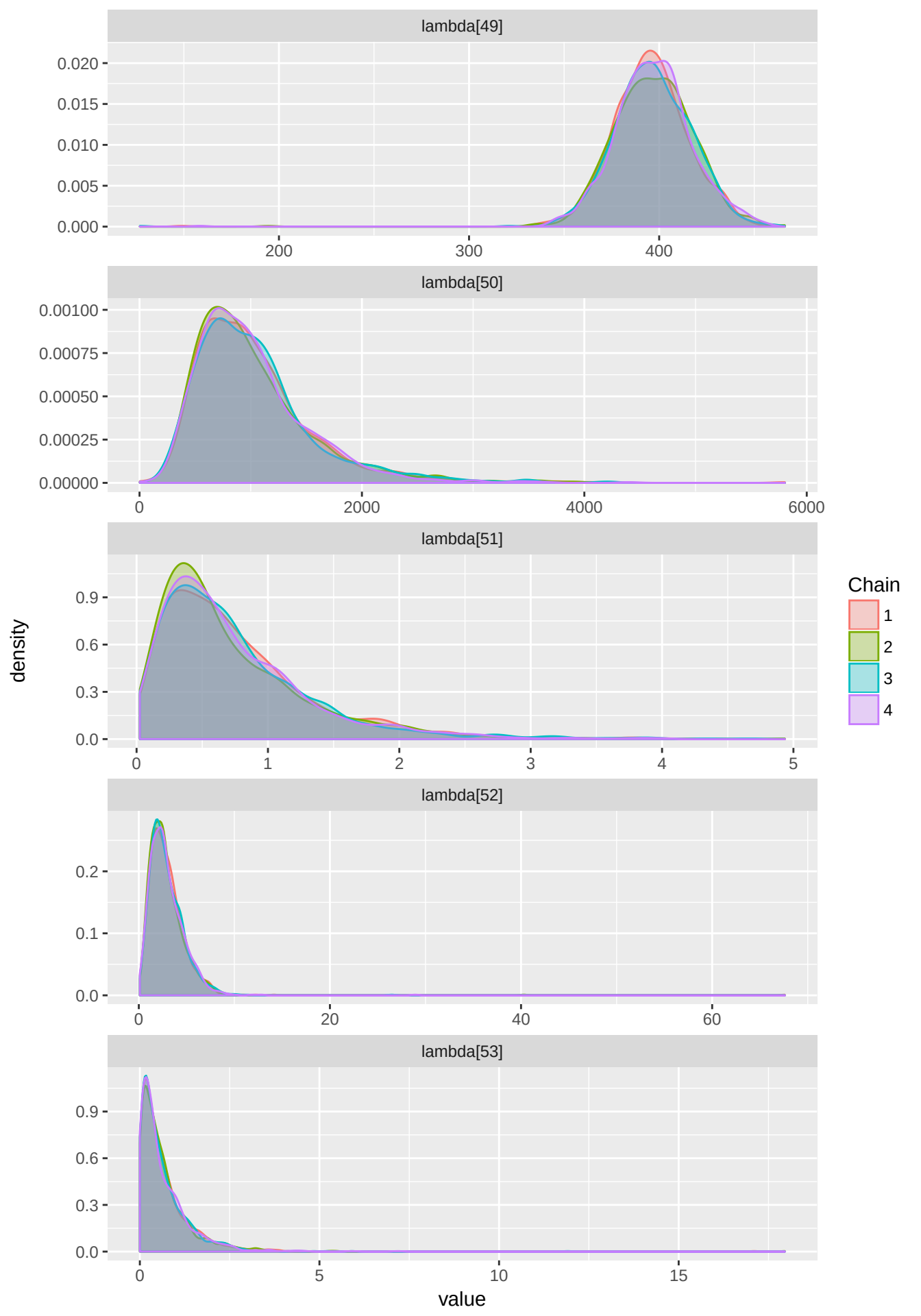

lambda[24]
0.0025
0.0020
0.0015
0.0010
0.0005
0.0000
28000
29000
30000
lambda[25]
0.00008
0.00006
0.00004
0.00002
0.00000
0
20000
40000
60000
lambda[26]
30
20
10
0
0
5
10
15
lambda[27]
30000
20000
10000
0
0
2
4
6
lambda[28]
0.10
0.05
0.00
0
100
200
density
value
Chain
1
2
3
4

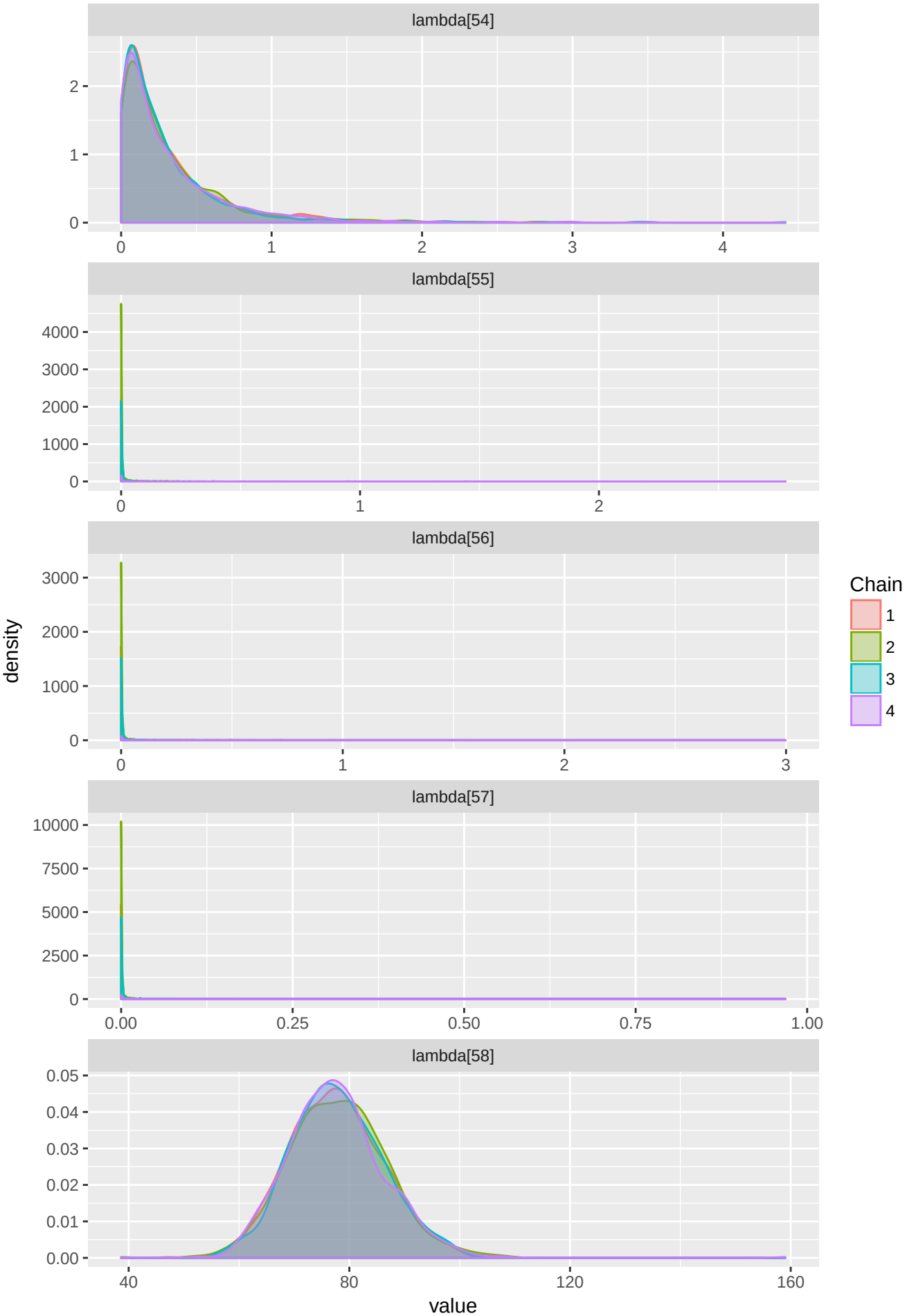

lambda[29]
lambda[30]
lambda[31]
lambda[32]
lambda[33]
density
value
Chain
1
2
3
4

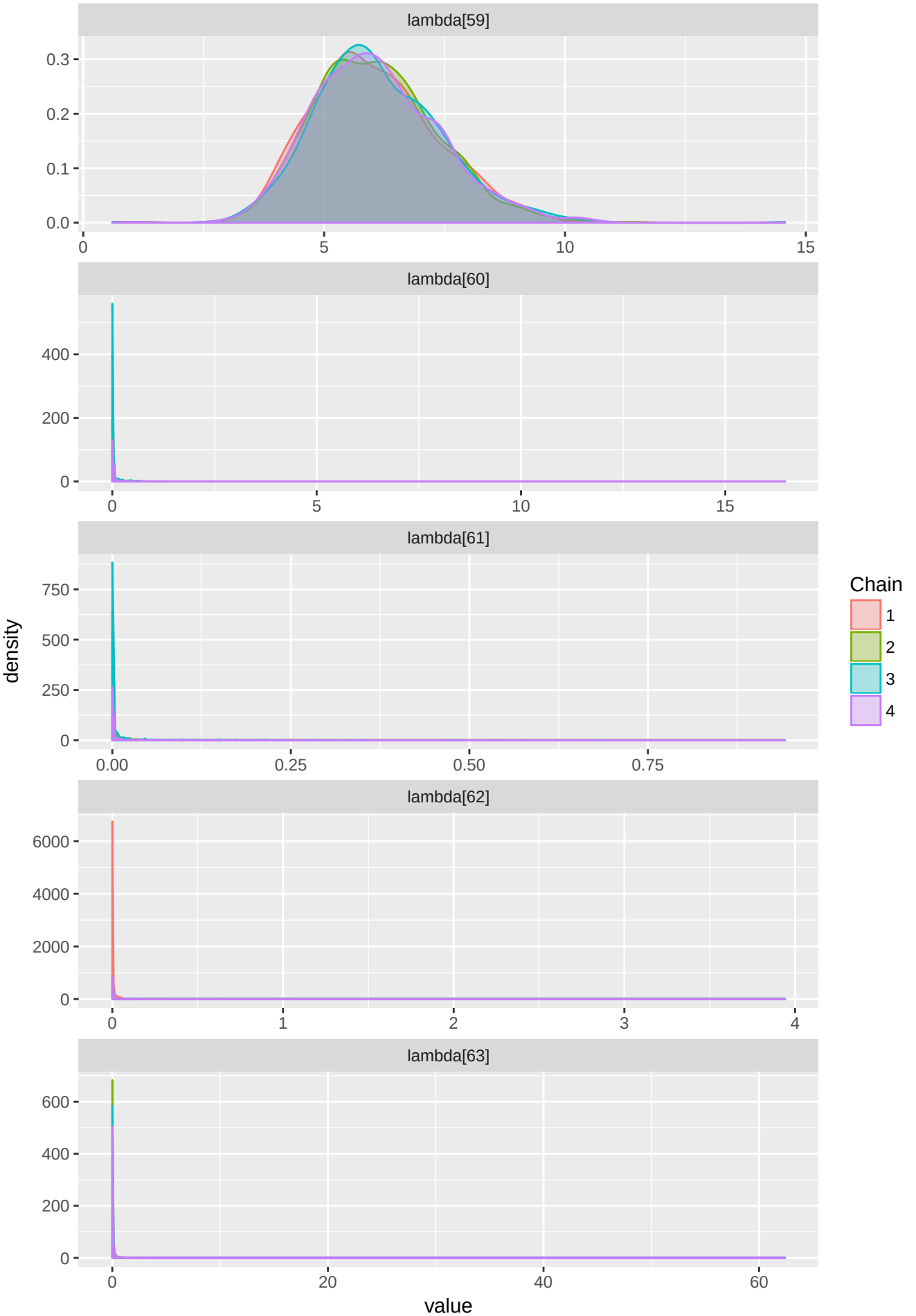

lambda[34]
1000
500
0
0
20
40
60
lambda[35]
0.6
0.4
0.2
0.0
0
50
100
150
200
lambda[36]
0.15
0.10
0.05
0.00
0
50
100
150
lambda[37]
0.3
0.2
0.1
0.0
2.5
5.0
7.5
10.0
12.5
lambda[38]
400
200
0
0
30
60
90
density
value
Chain
1
2
3
4

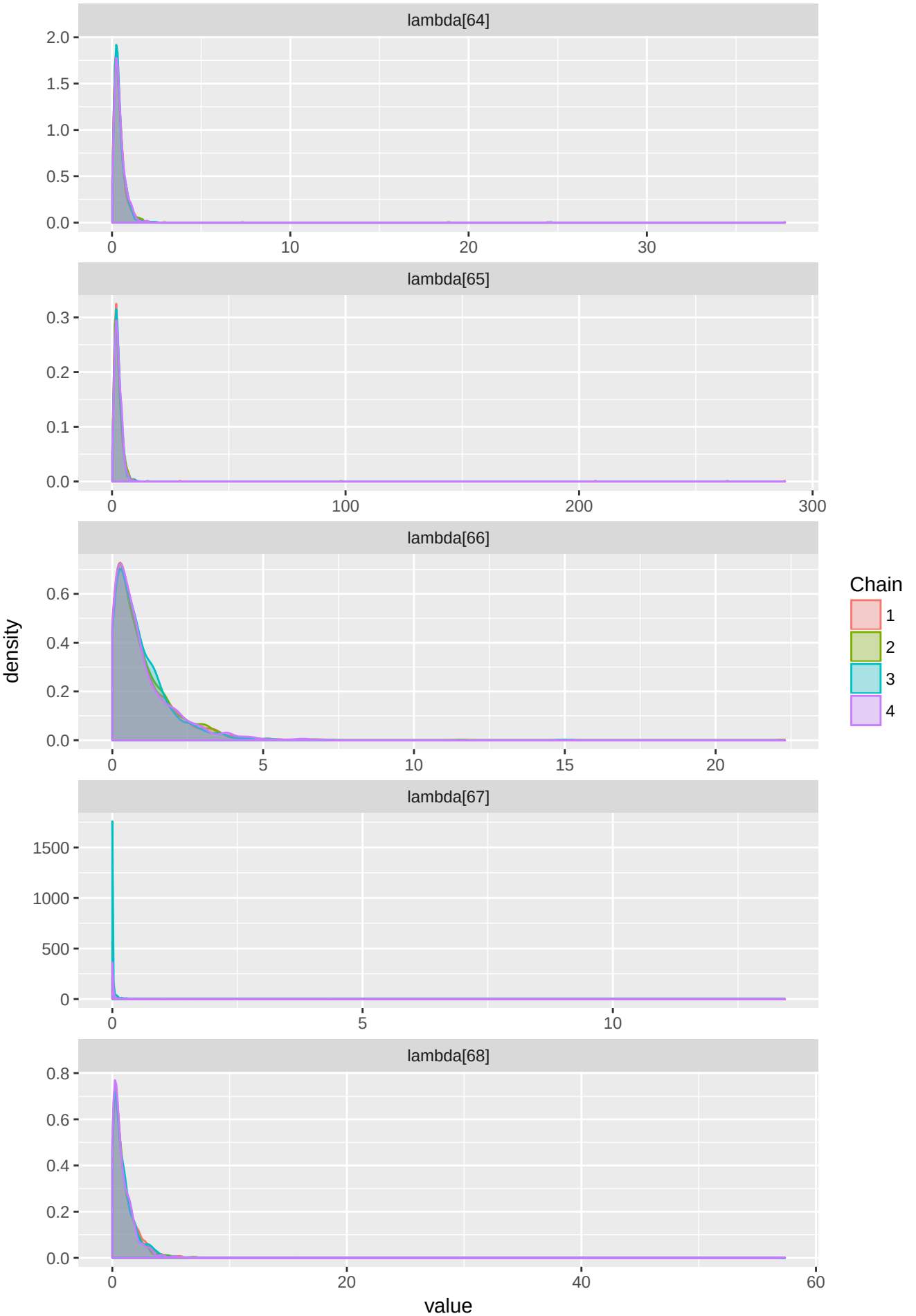

lambda[39]
lambda[40]
lambda[41]
lambda[42]
lambda[43]
density
value
Chain
1
2
3
4

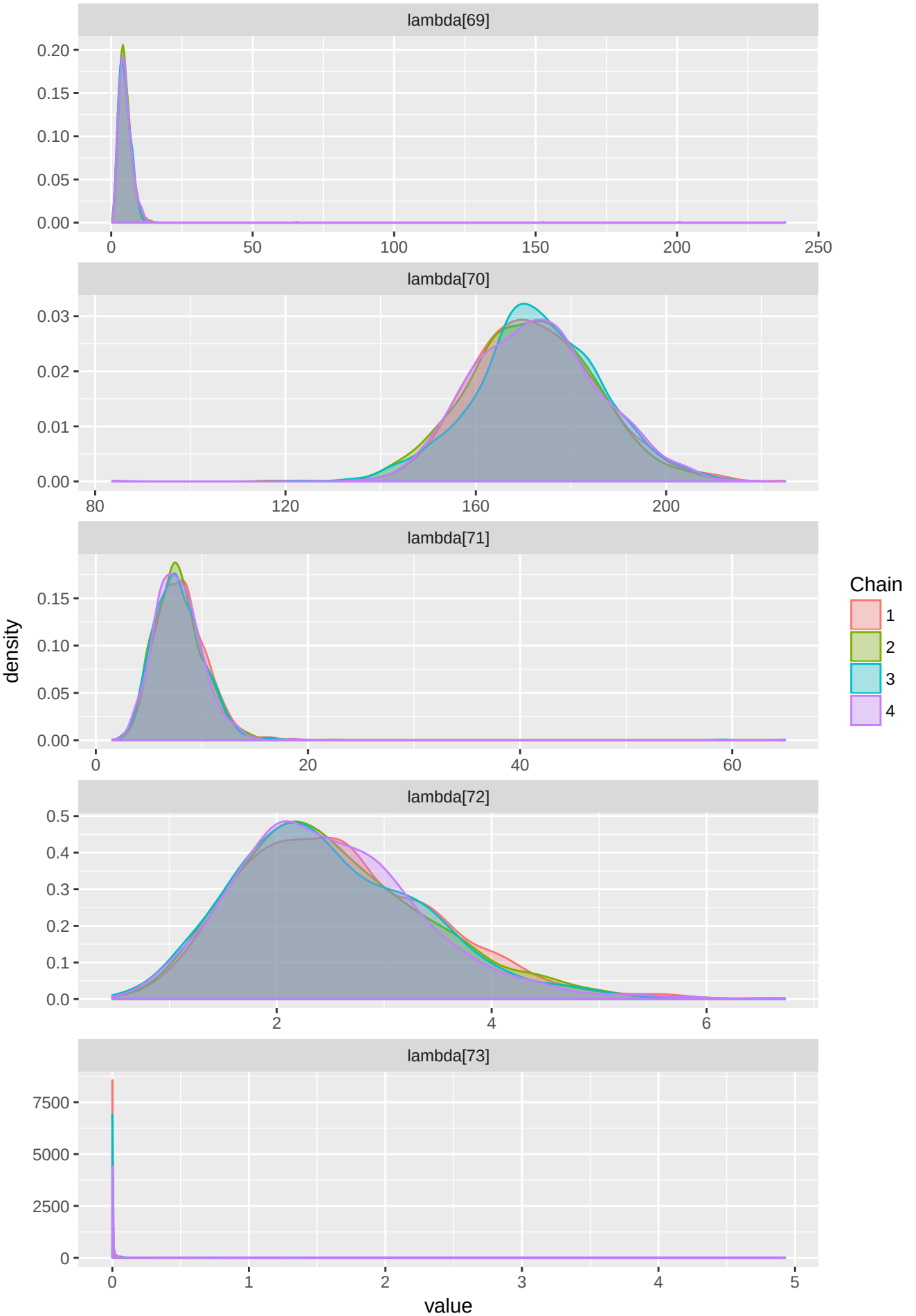

lambda[44]
0.008
0.006
0.004
0.002
0.000
0
100
200
300
400
500
lambda[45]
0.0075
0.0050
0.0025
0.0000
2000
3000
4000
lambda[46]
2000
1500
1000
500
0
0
2
4
6
lambda[47]
15000
10000
5000
0
0
10
20
30
lambda[48]
0.75
0.50
0.25
0.00
0
2
4
6
8
density
value
Chain
1
2
3
4

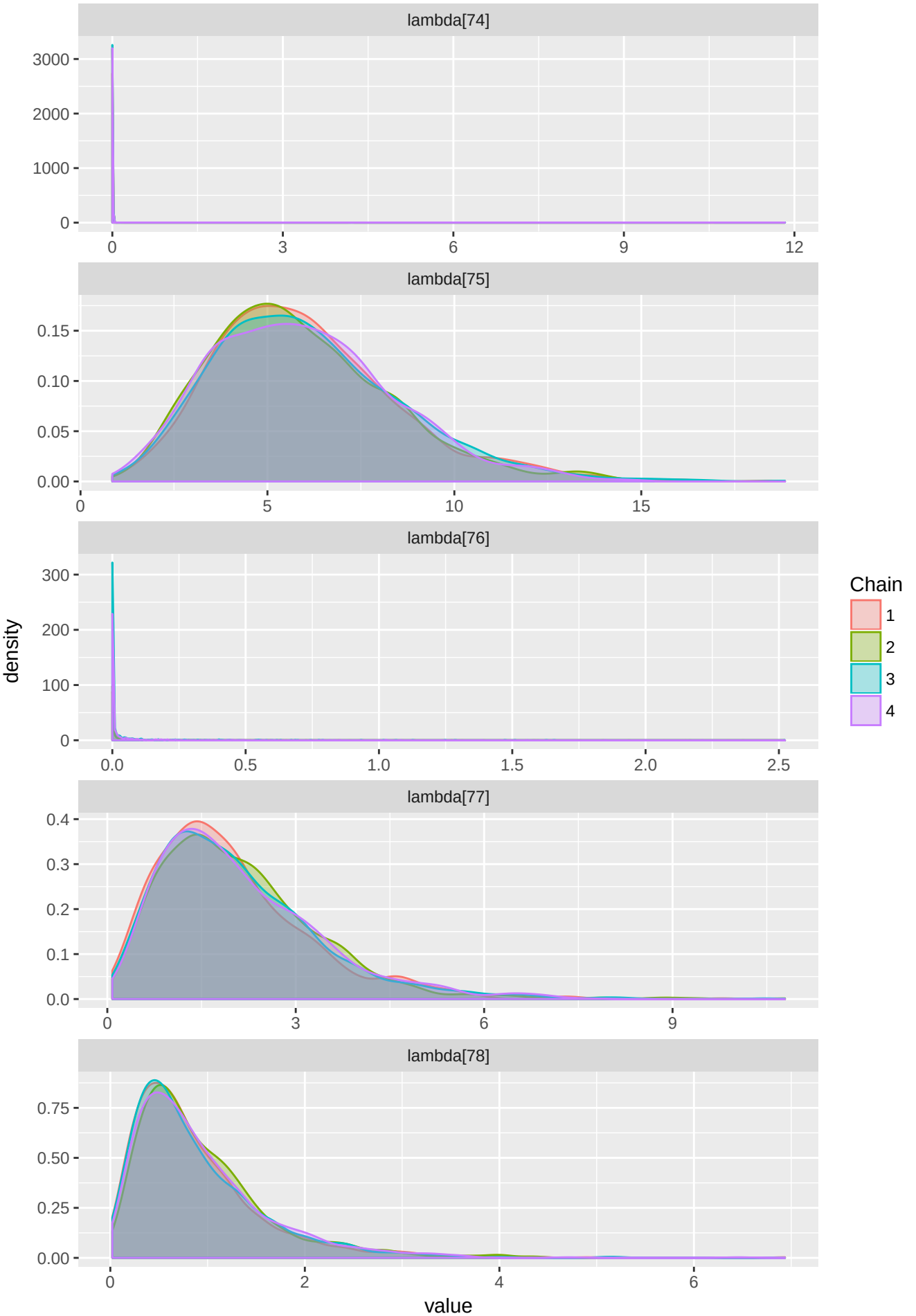

lambda[49]
0.020
0.015
0.010
0.005
0.000
200
300
400
lambda[50]
0.00100
0.00075
0.00050
0.00025
0.00000
0
2000
4000
6000
lambda[51]
0.9
0.6
0.3
0.0
0
1
2
3
4
5
lambda[52]
0.2
0.1
0.0
0
20
40
60
lambda[53]
0.9
0.6
0.3
0.0
0
5
10
15
density
value
Chain
1
2
3
4

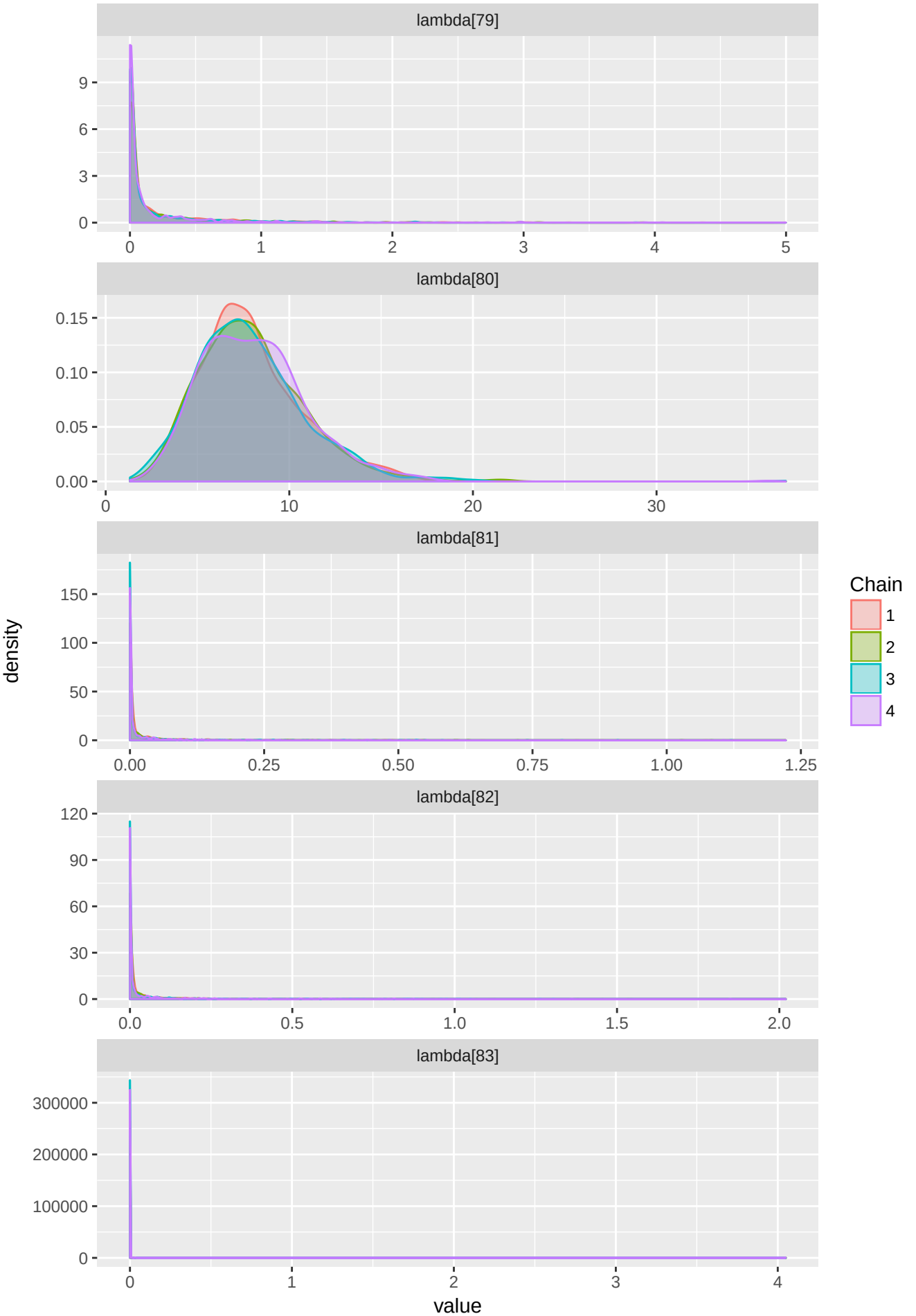

lambda[54]
lambda[55]
lambda[56]
lambda[57]
lambda[58]
density
value
Chain
1
2
3
4

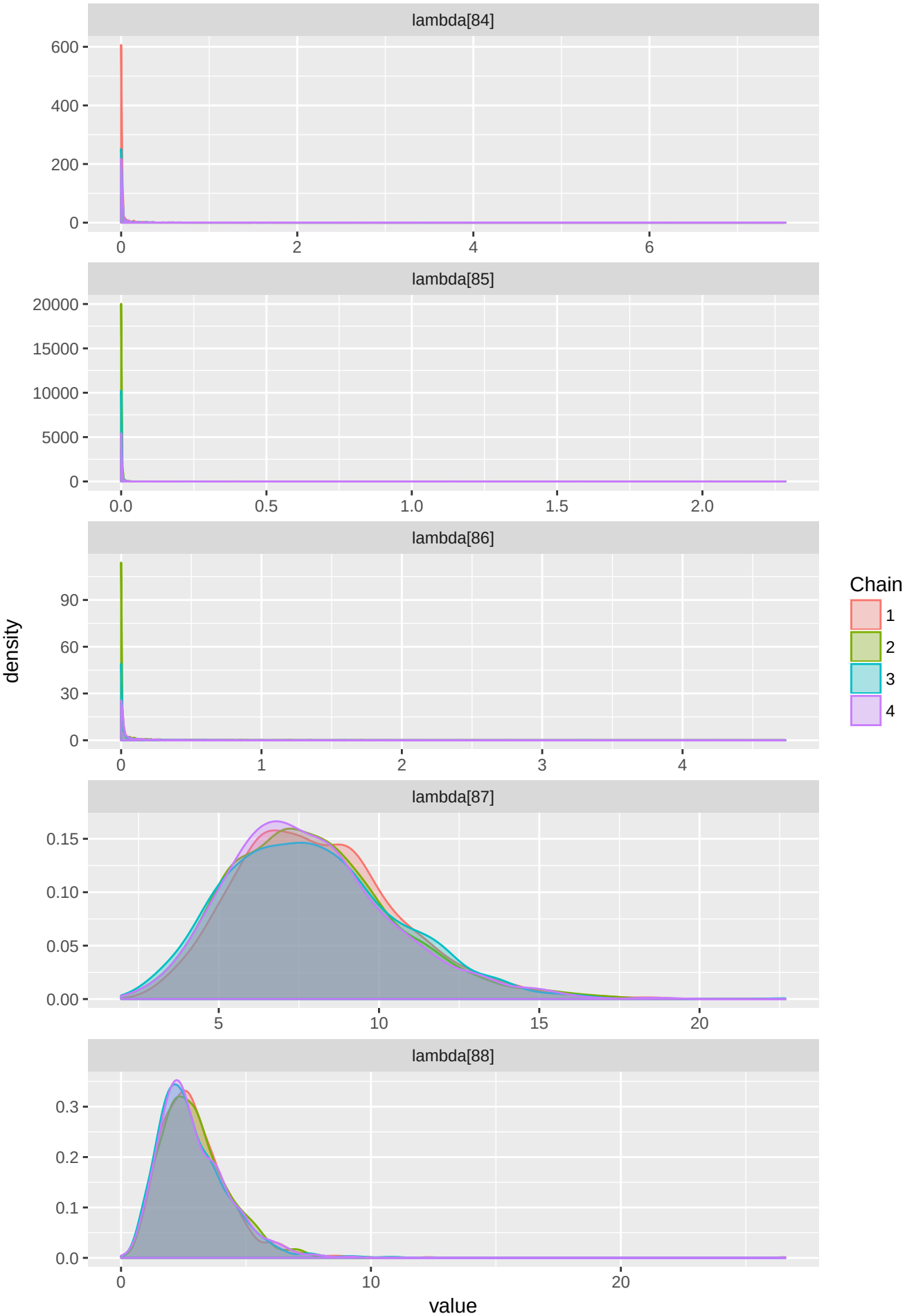

lambda[59]
lambda[60]
lambda[61]
lambda[62]
lambda[63]
density
value
Chain
1
2
3
4

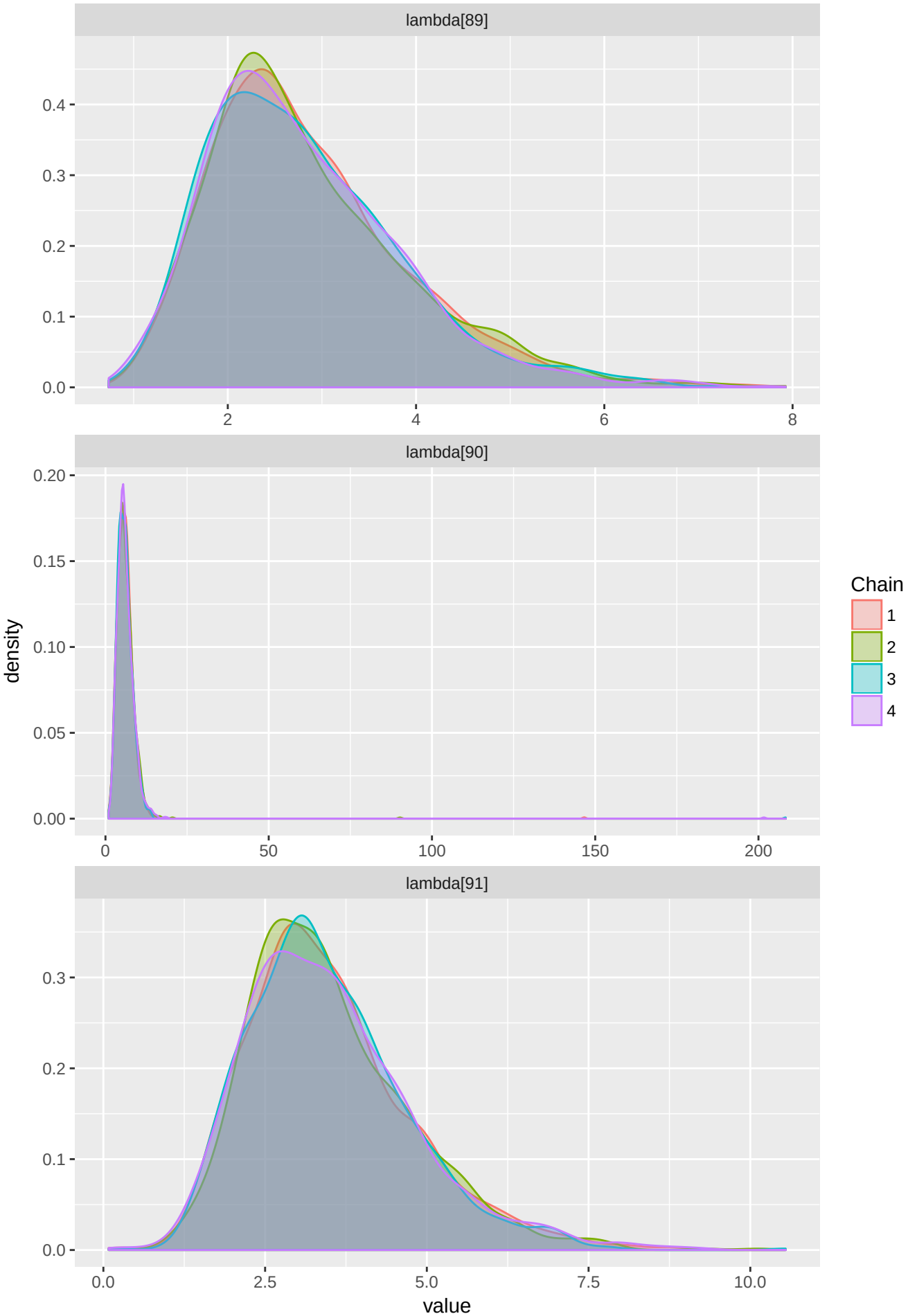

lambda[64]
lambda[65]
lambda[66]
lambda[67]
lambda[68]
density
value
Chain
1
2
3
4

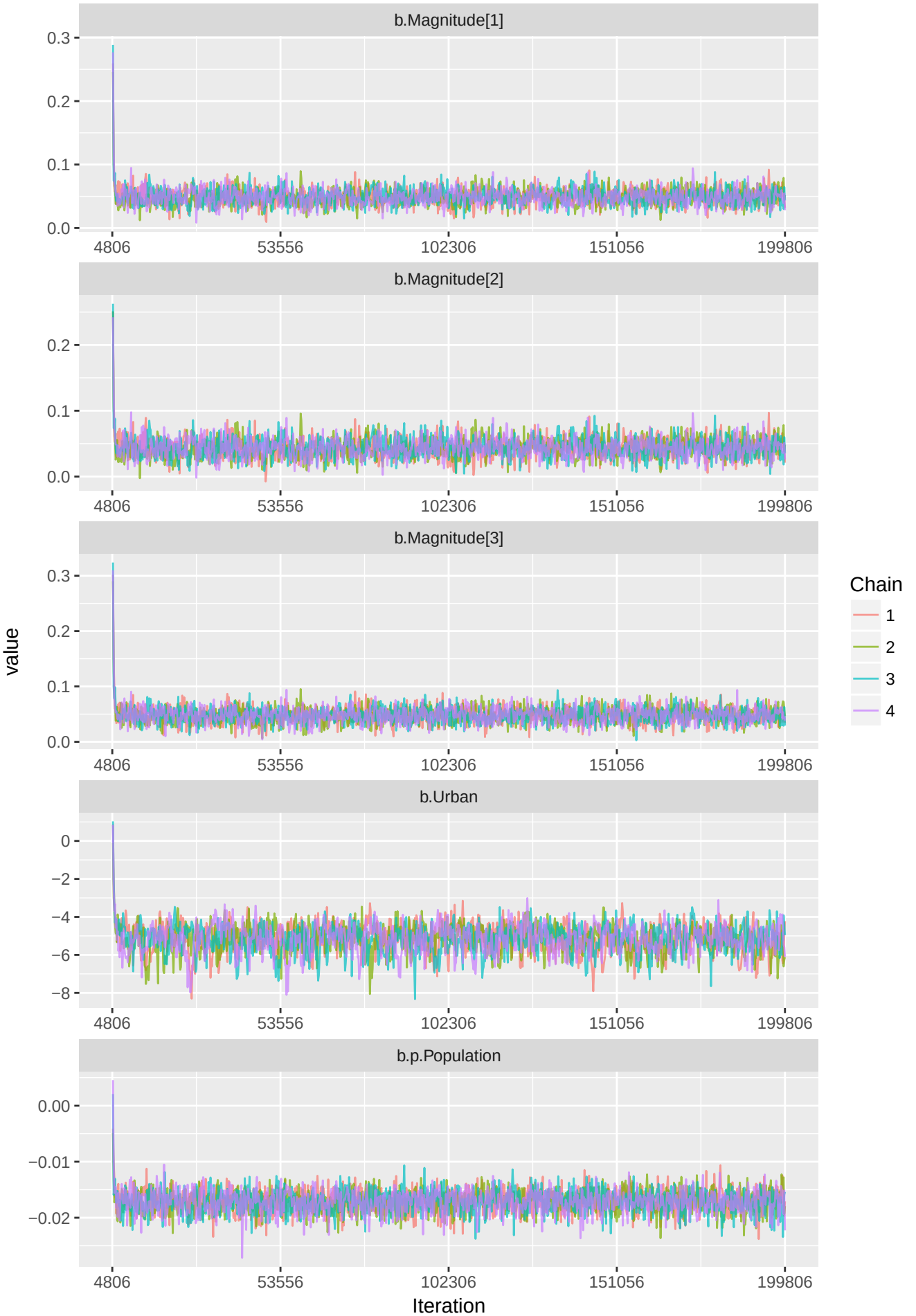

lambda[69]
lambda[70]
lambda[71]
lambda[72]
lambda[73]
density
value
Chain
1
2
3
4

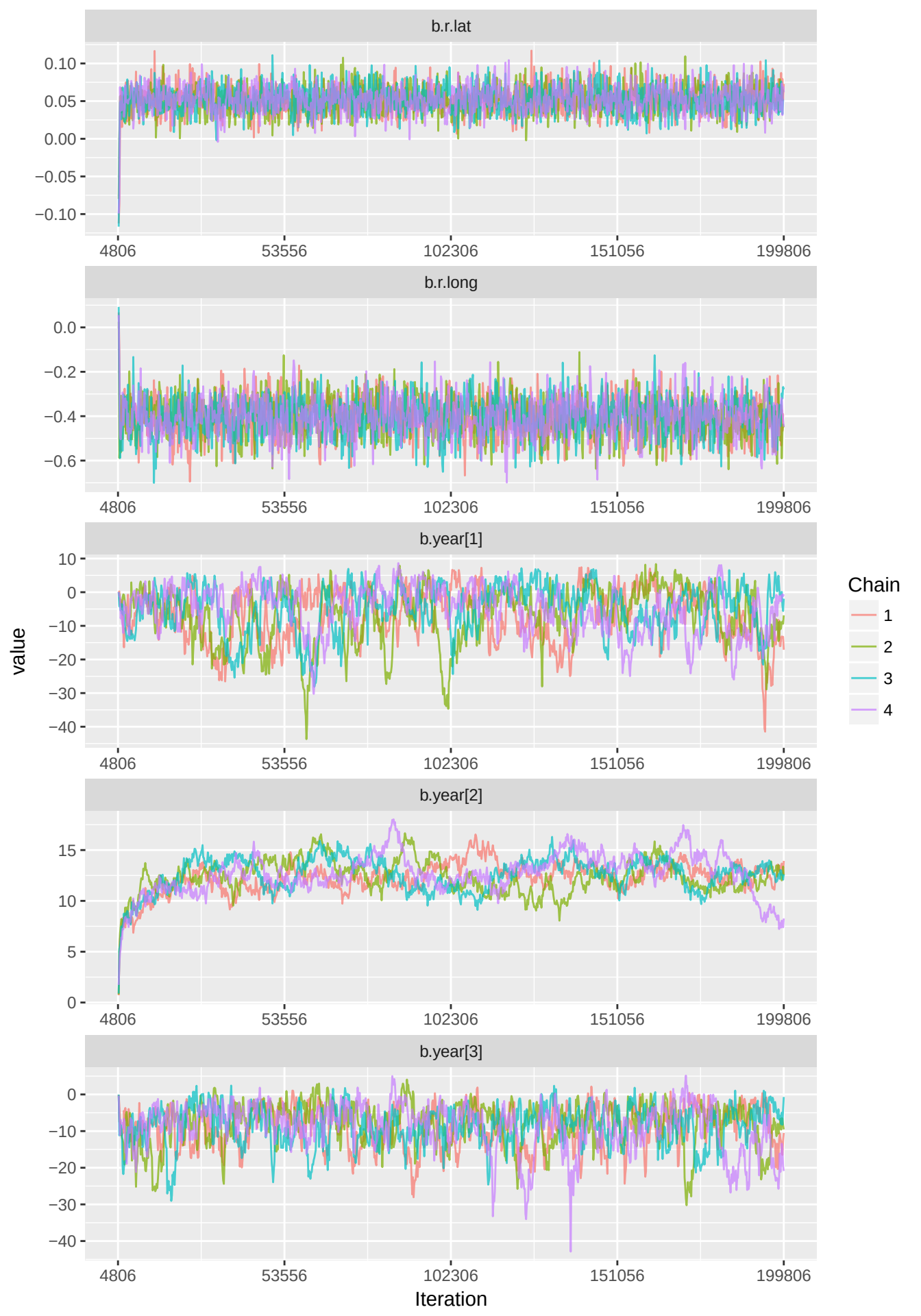

lambda[74]
lambda[75]
lambda[76]
lambda[77]
lambda[78]
density
value
Chain
1
2
3
4

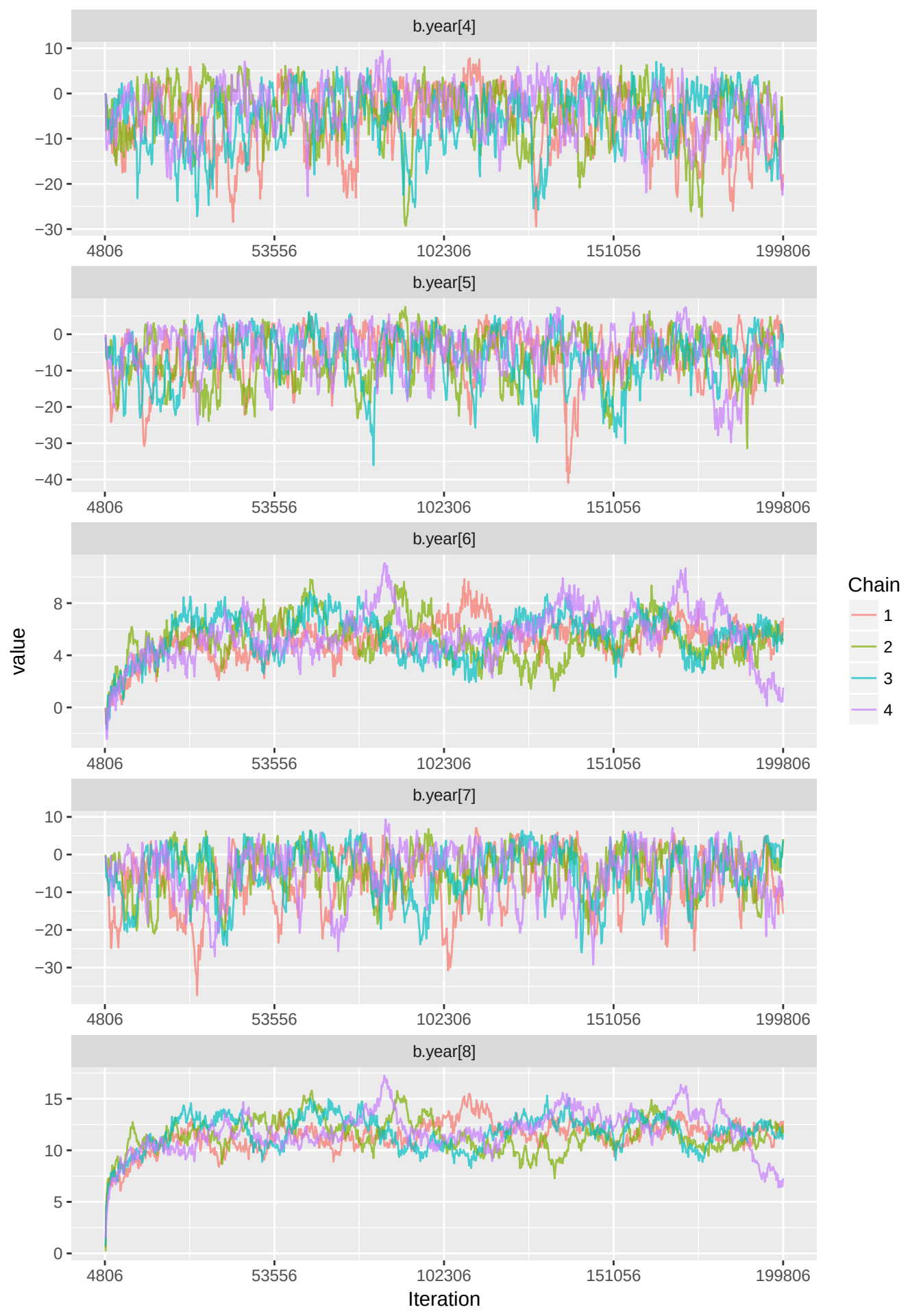

lambda[79]
lambda[80]
lambda[81]
lambda[82]
lambda[83]
density
value
Chain
1
2
3
4

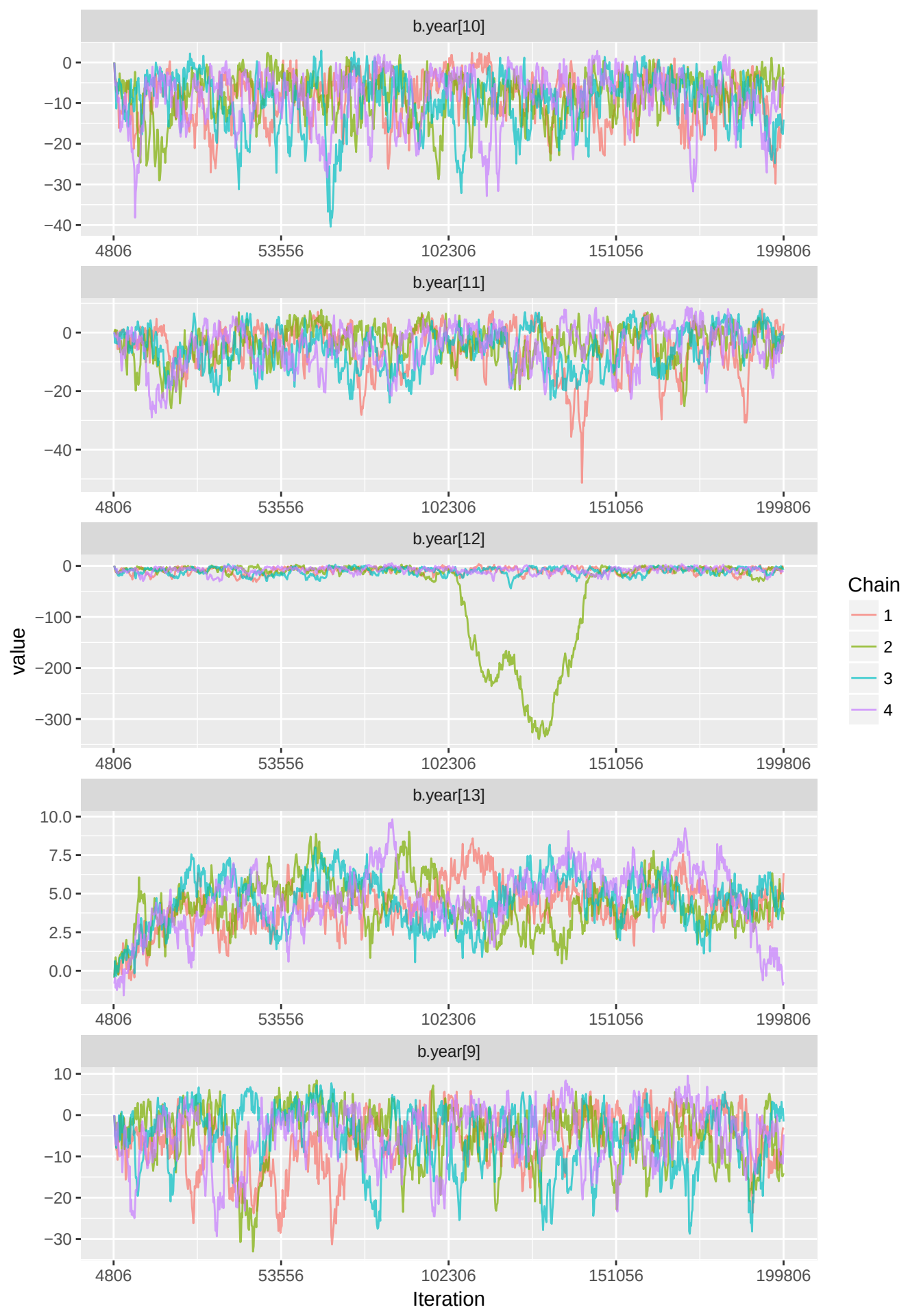

lambda[84]
lambda[85]
lambda[86]
lambda[87]
lambda[88]
density
value
Chain
1
2
3
4

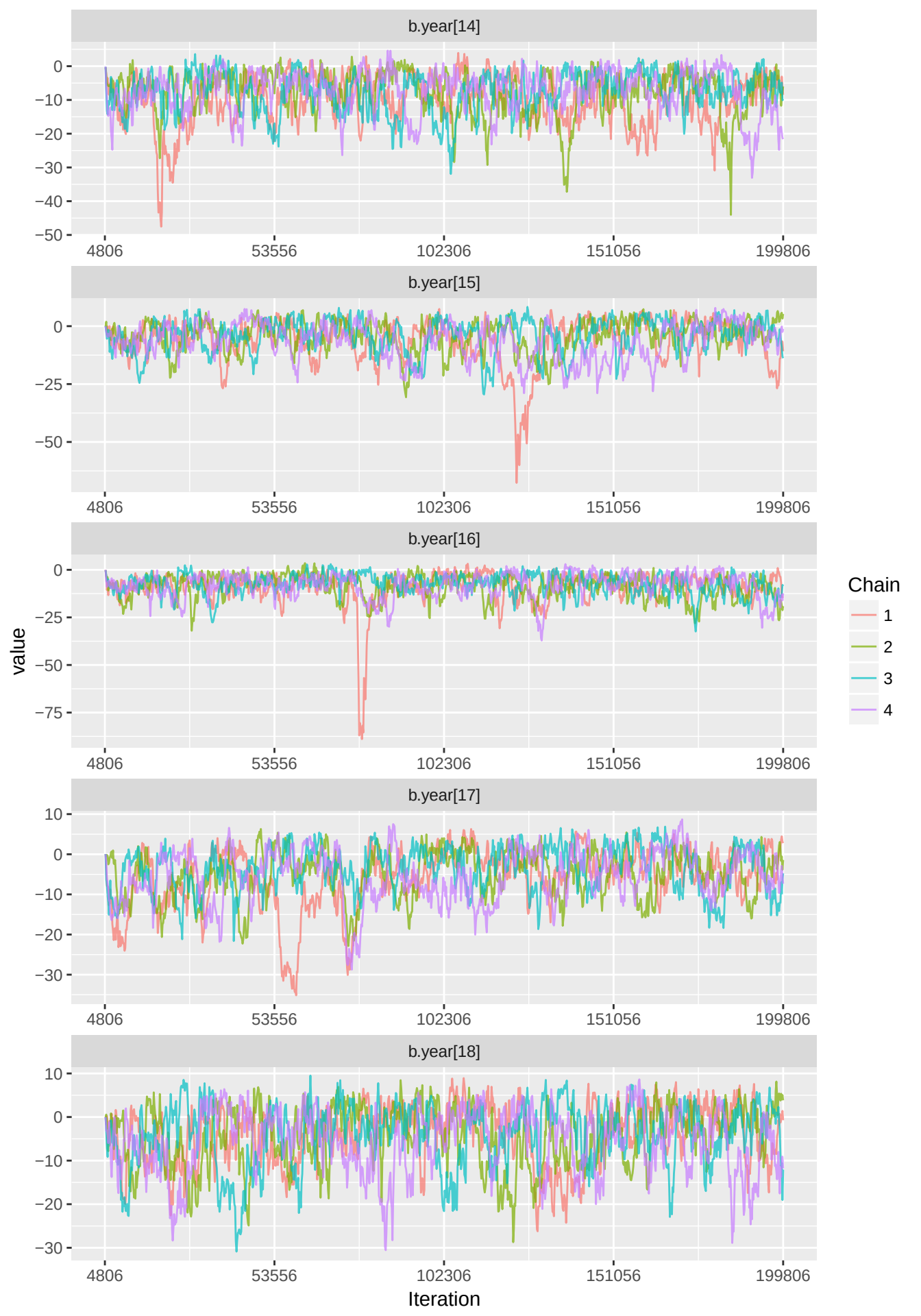

lambda[89]
lambda[90]
lambda[91]
density
value
Chain
1
2
3
4

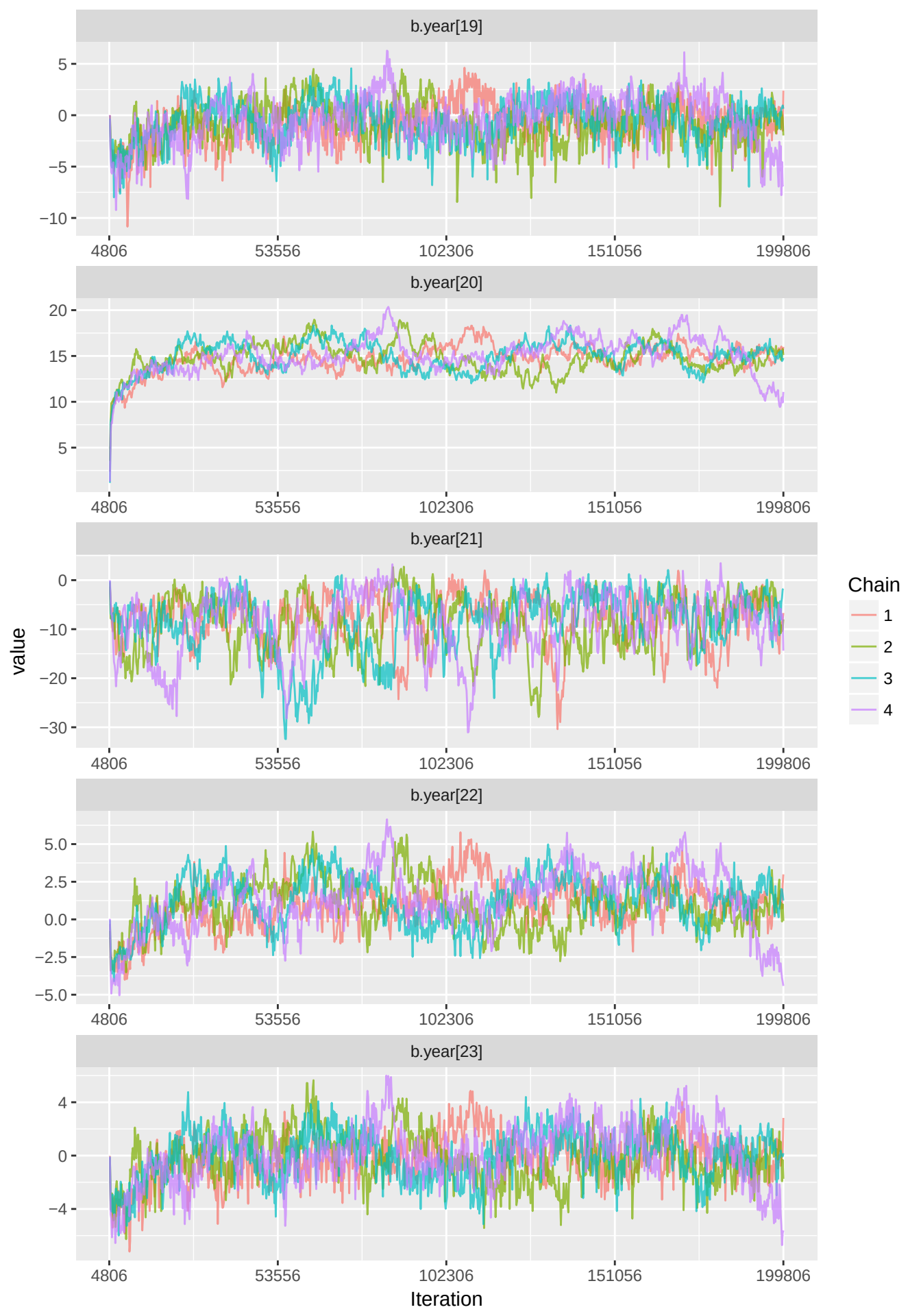

b.Magnitude[1]
b.Magnitude[2]
b.Magnitude[3]
b.Urban
b.p.Population
value
Iteration
Chain
1
2
3
4
4806
53556
102306
151056
199806

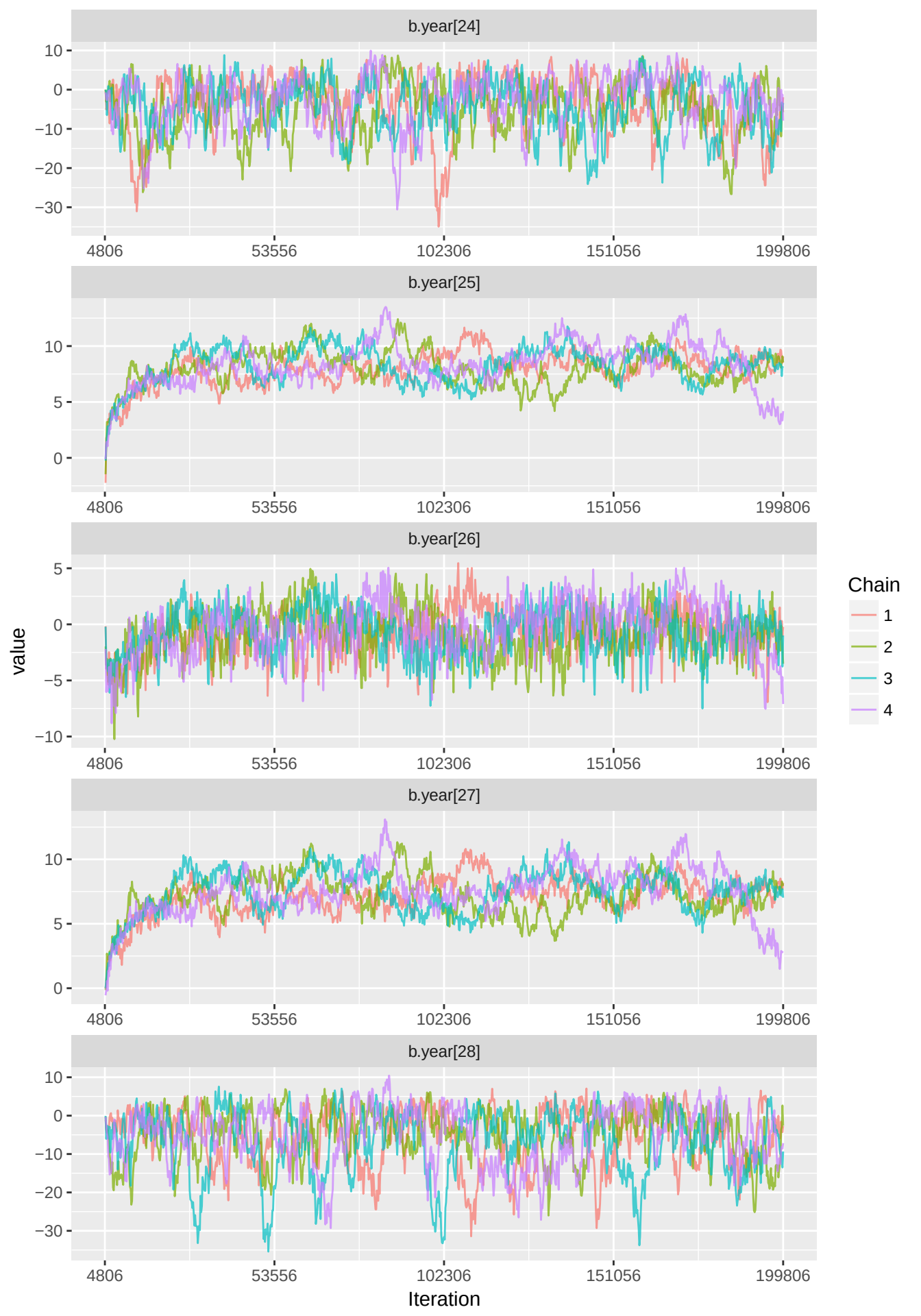

b.r.lat
0.10
0.05
0.00
−0.05
−0.10
4806
53556
102306
151056
199806
b.r.long
0.0
−0.2
−0.4
−0.6
b.year[1]
10
0
−10
−20
−30
−40
b.year[2]
15
10
5
0
b.year[3]
value
Iteration
Chain
1
2
3
4

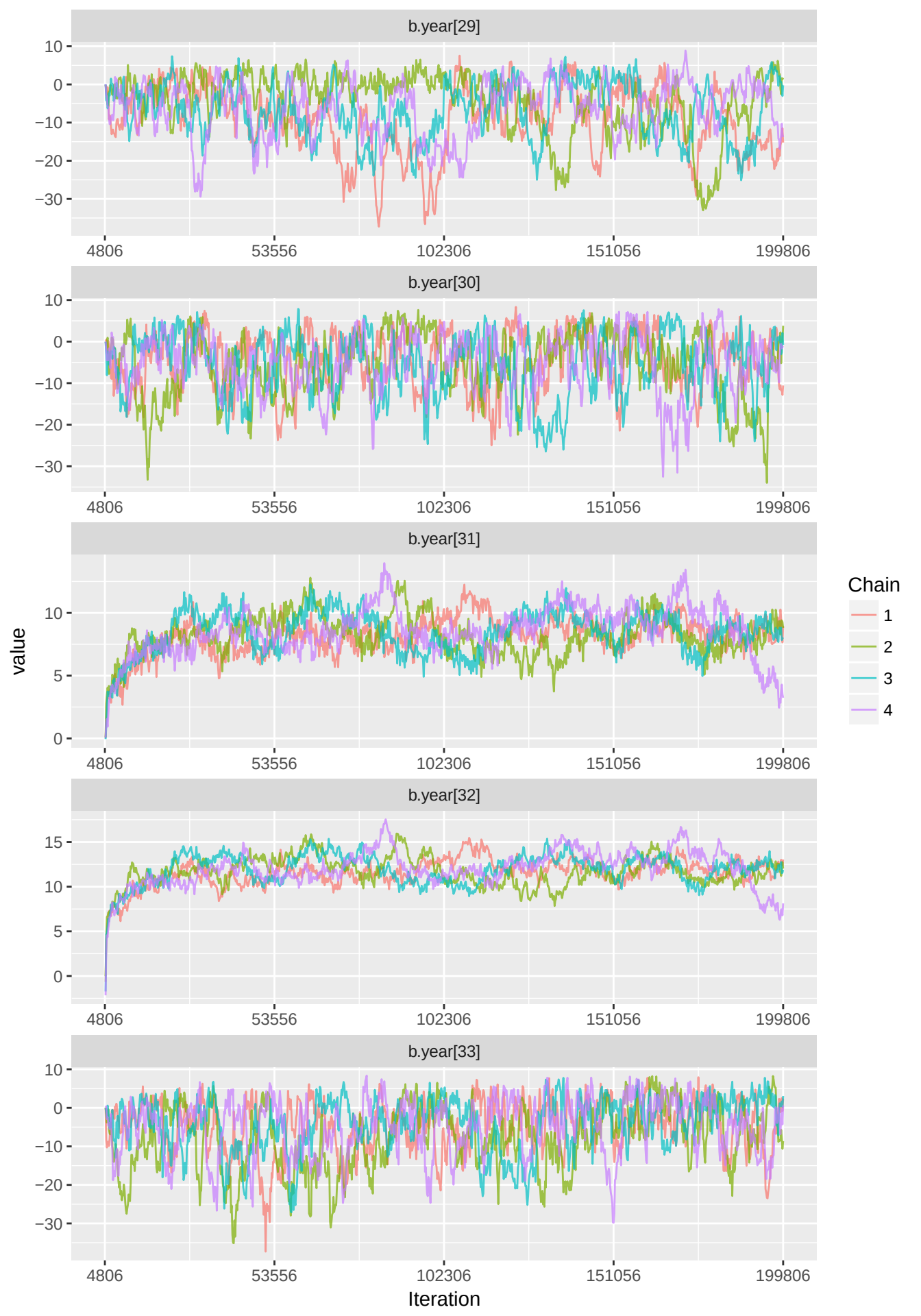

b.year[4]
b.year[5]
b.year[6]
b.year[7]
b.year[8]
value
Iteration
Chain
1
2
3
4
4806
53556
102306
151056
199806


b.year[10]
b.year[11]
b.year[12]
b.year[13]
b.year[9]
value
Iteration
Chain
1
2
3
4
4806
53556
102306
151056
199806

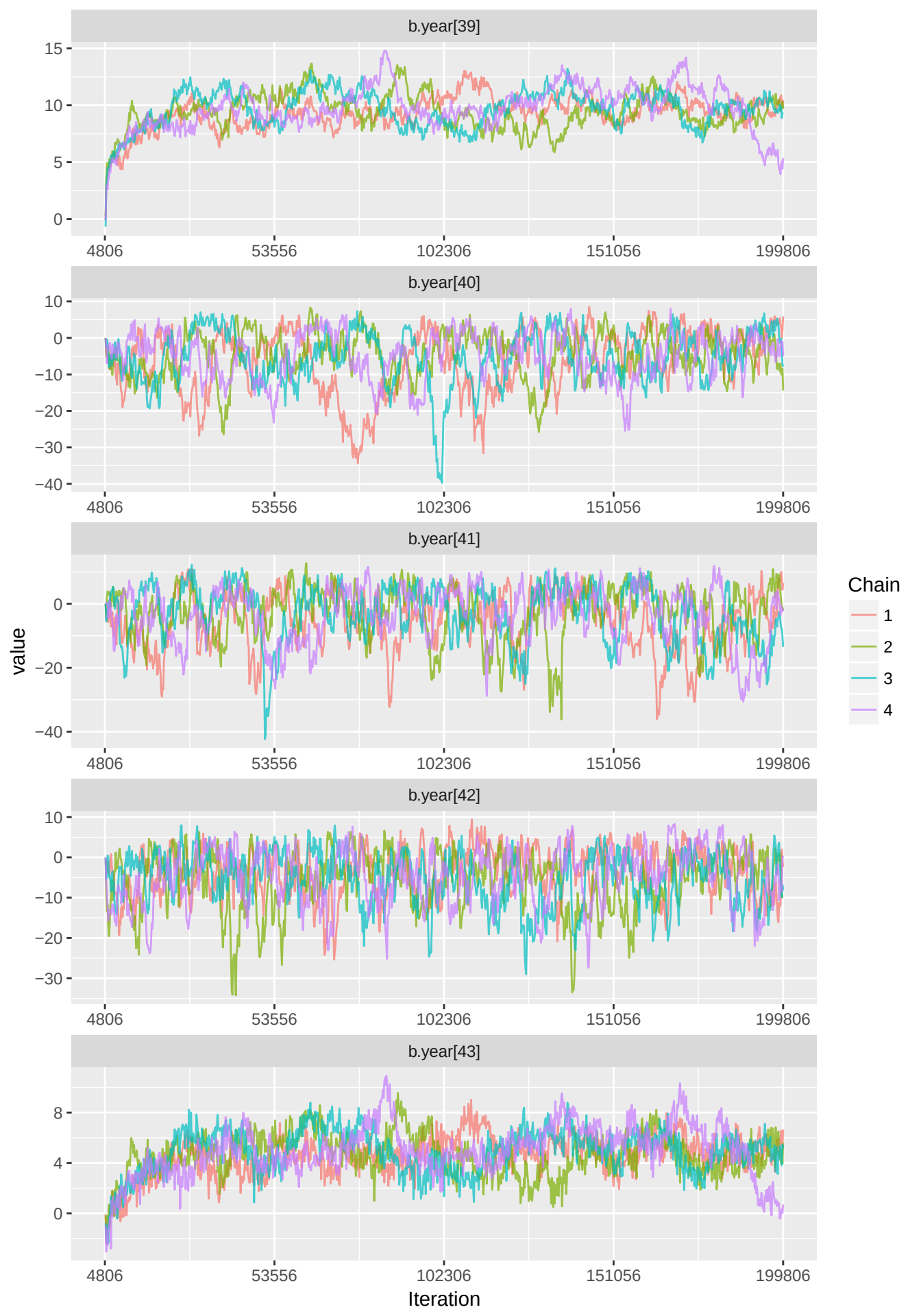

b.year[14]
b.year[15]
b.year[16]
b.year[17]
b.year[18]
value
Iteration
Chain
1
2
3
4
4806
53556
102306
151056
199806

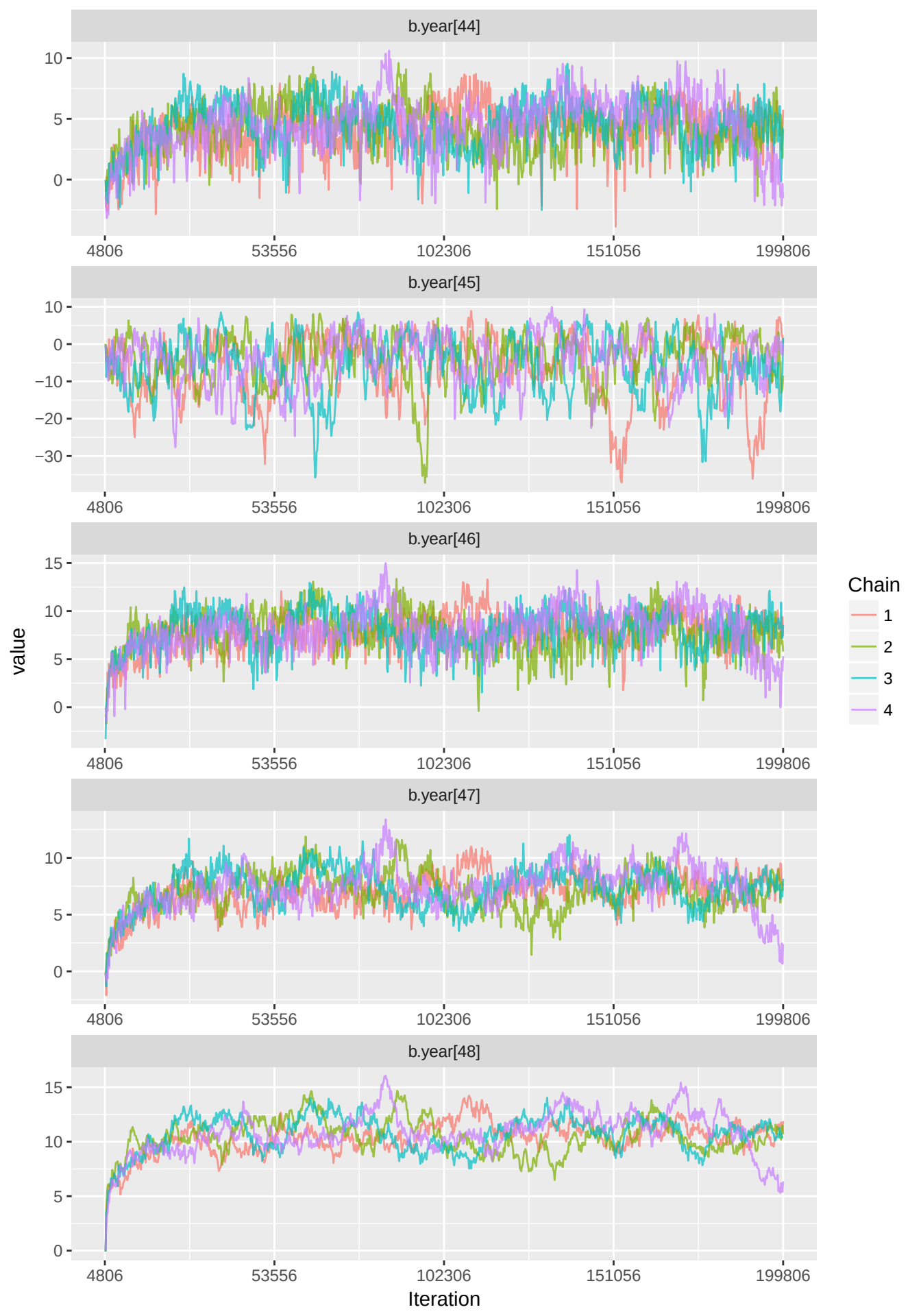

b.year[19]
b.year[20]
b.year[21]
b.year[22]
b.year[23]
value
Iteration
Chain
1
2
3
4
4806
53556
102306
151056
199806

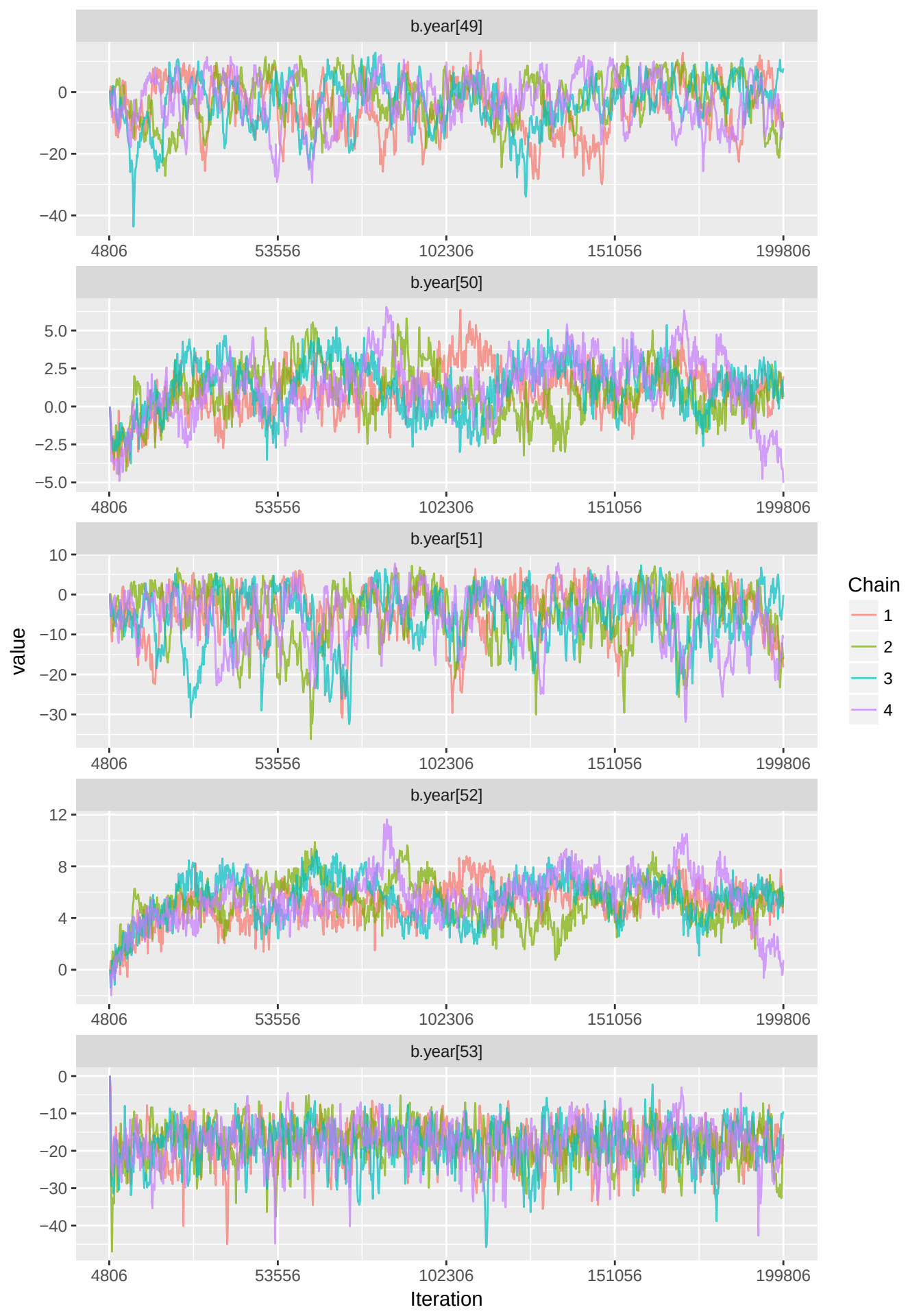

b.year[24]
b.year[25]
b.year[26]
b.year[27]
b.year[28]
value
Iteration
Chain
1
2
3
4
4806
53556
102306
151056
199806

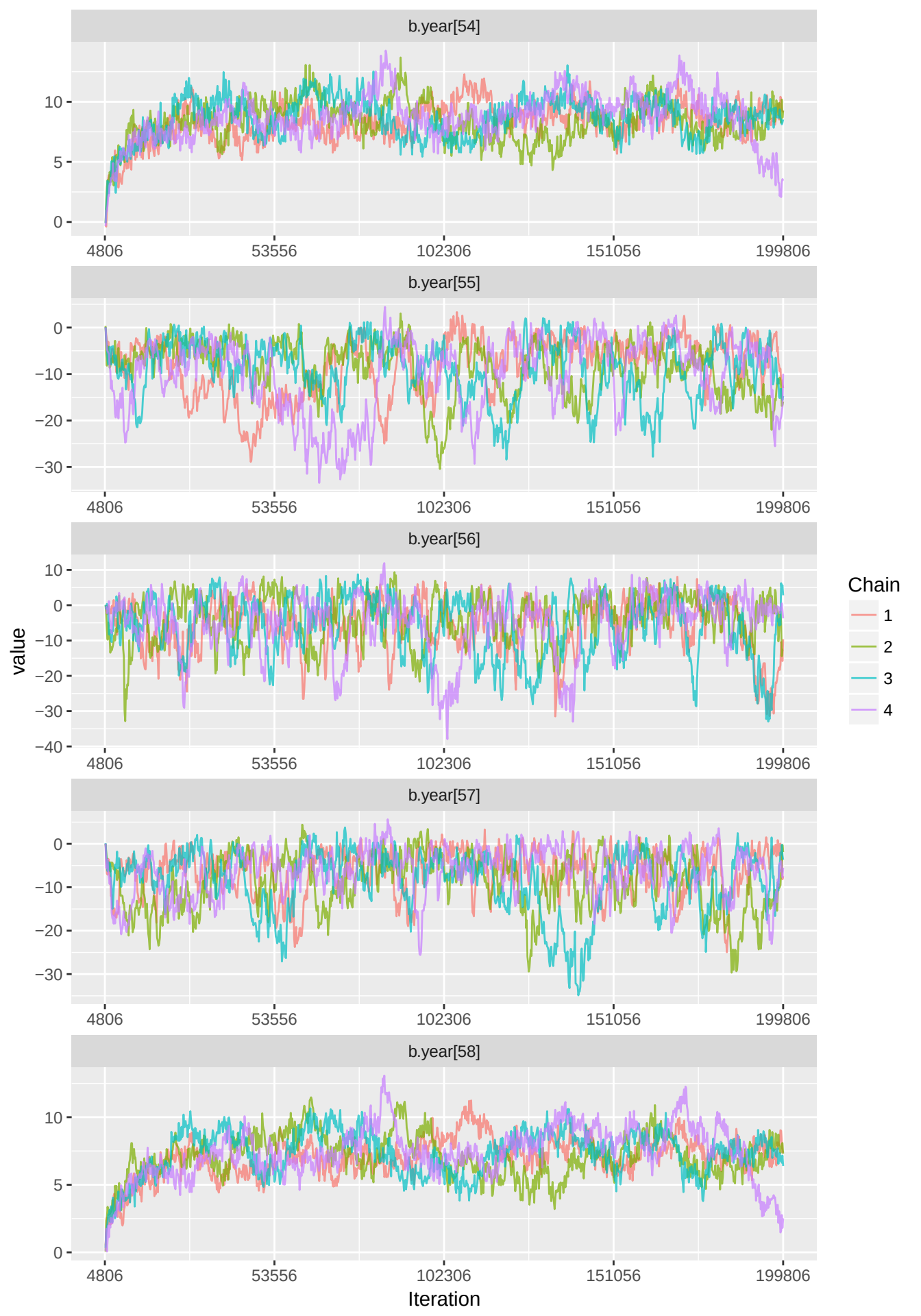

b.year[29]
b.year[30]
b.year[31]
b.year[32]
b.year[33]
value
Iteration
Chain
1
2
3
4
4806
53556
102306
151056
199806

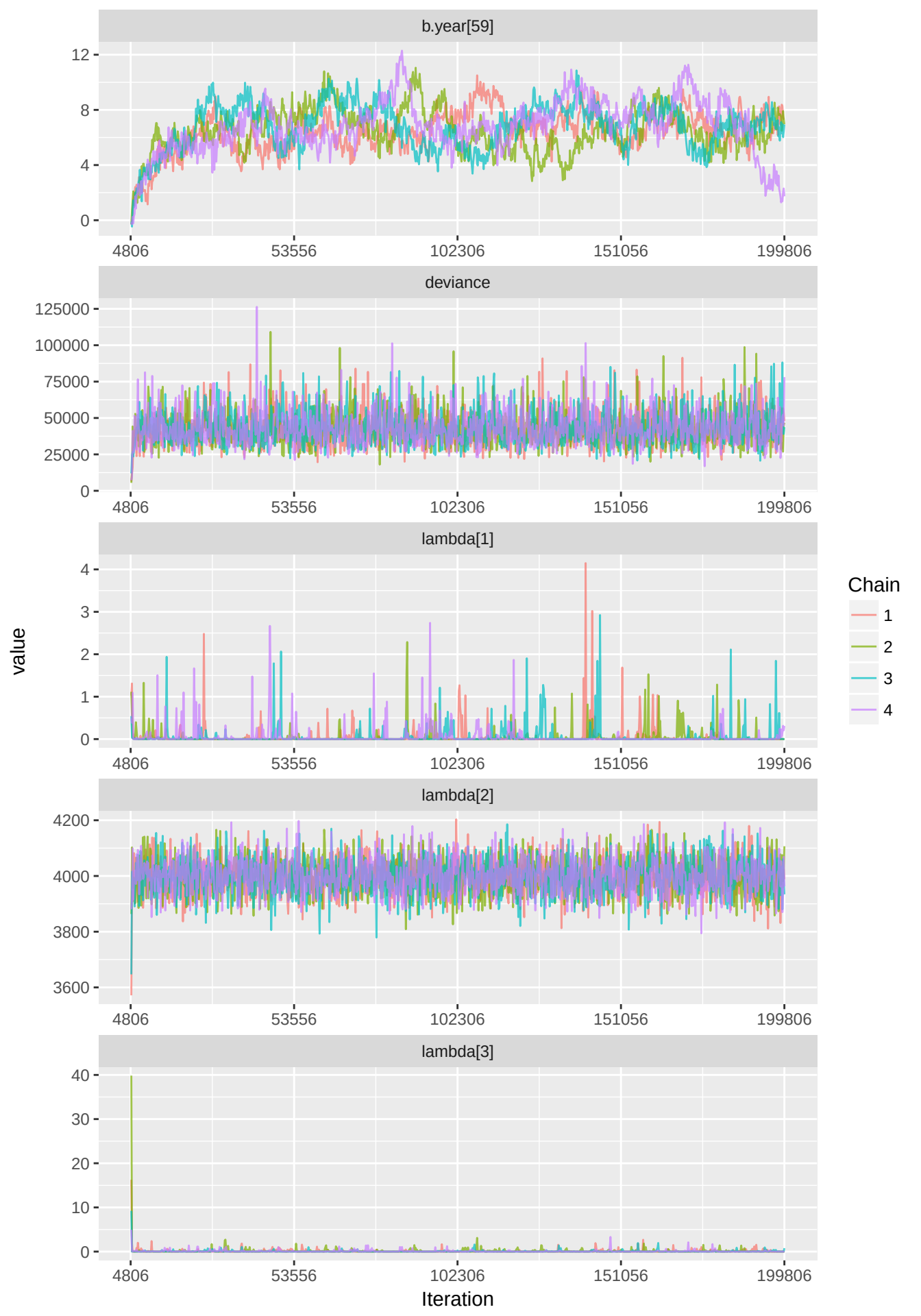

b.year[34]
b.year[35]
b.year[36]
b.year[37]
b.year[38]
value
Iteration
Chain
1
2
3
4
4806
53556
102306
151056
199806


b.year[39]
b.year[40]
b.year[41]
b.year[42]
b.year[43]
value
Iteration
Chain
1
2
3
4
4806
53556
102306
151056
199806


b.year[44]
b.year[45]
b.year[46]
b.year[47]
b.year[48]
value
Iteration
Chain
1
2
3
4
4806
53556
102306
151056
199806


b.year[49]
0
−20
−40
4806
53556
102306
151056
199806
b.year[50]
5.0
2.5
0.0
−2.5
−5.0
b.year[51]
10
0
−10
−20
−30
b.year[52]
12
8
4
0
b.year[53]
−40
value
Iteration
Chain
1
2
3
4


b.year[54]
b.year[55]
b.year[56]
b.year[57]
b.year[58]
value
Iteration
Chain
1
2
3
4
4806
53556
102306
151056
199806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deviance
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lambda[3]
value
Iteration
Chain
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3
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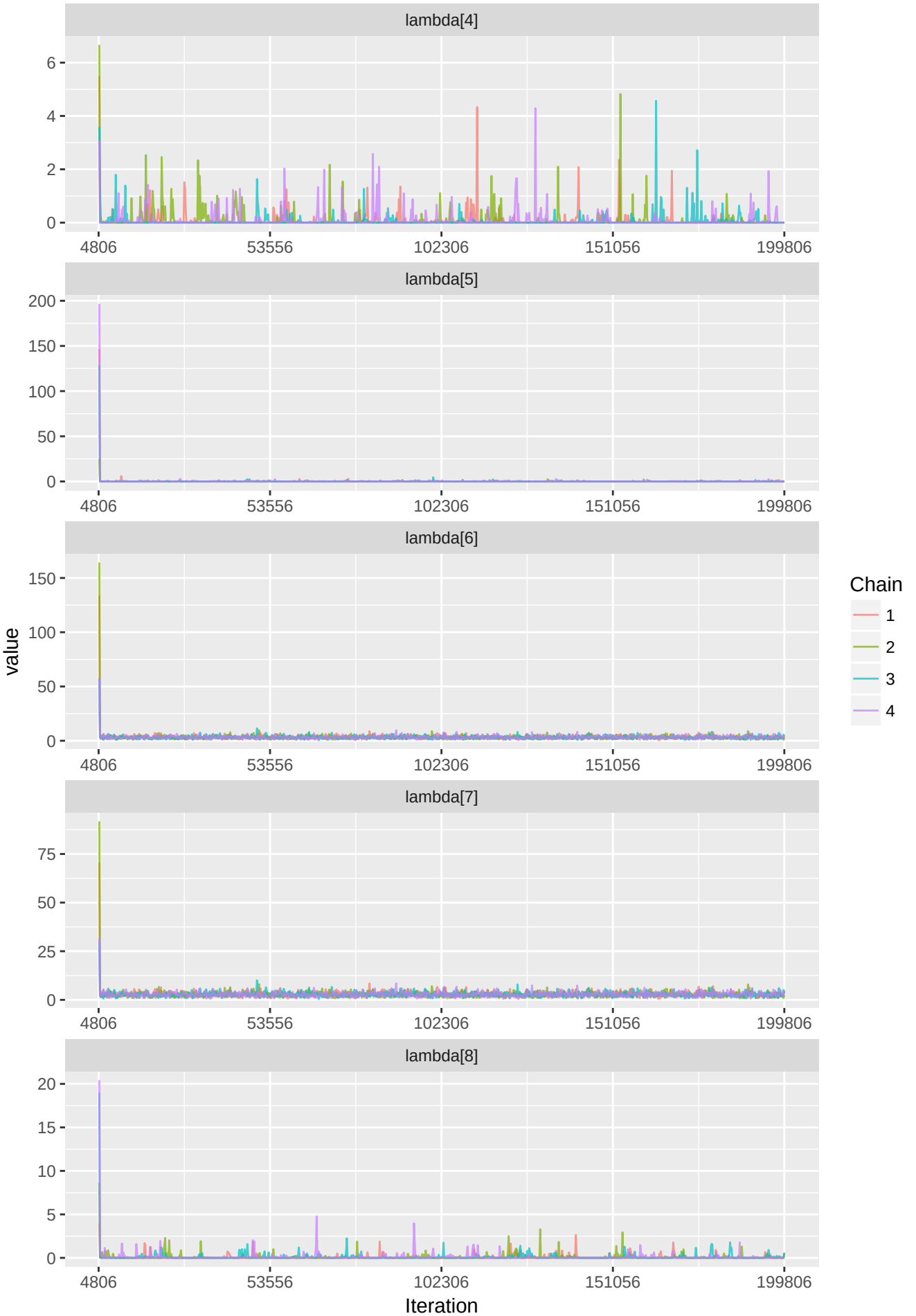
102306
151056
199806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lambda[6]
lambda[7]
lambda[8]
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Iteration
Chain
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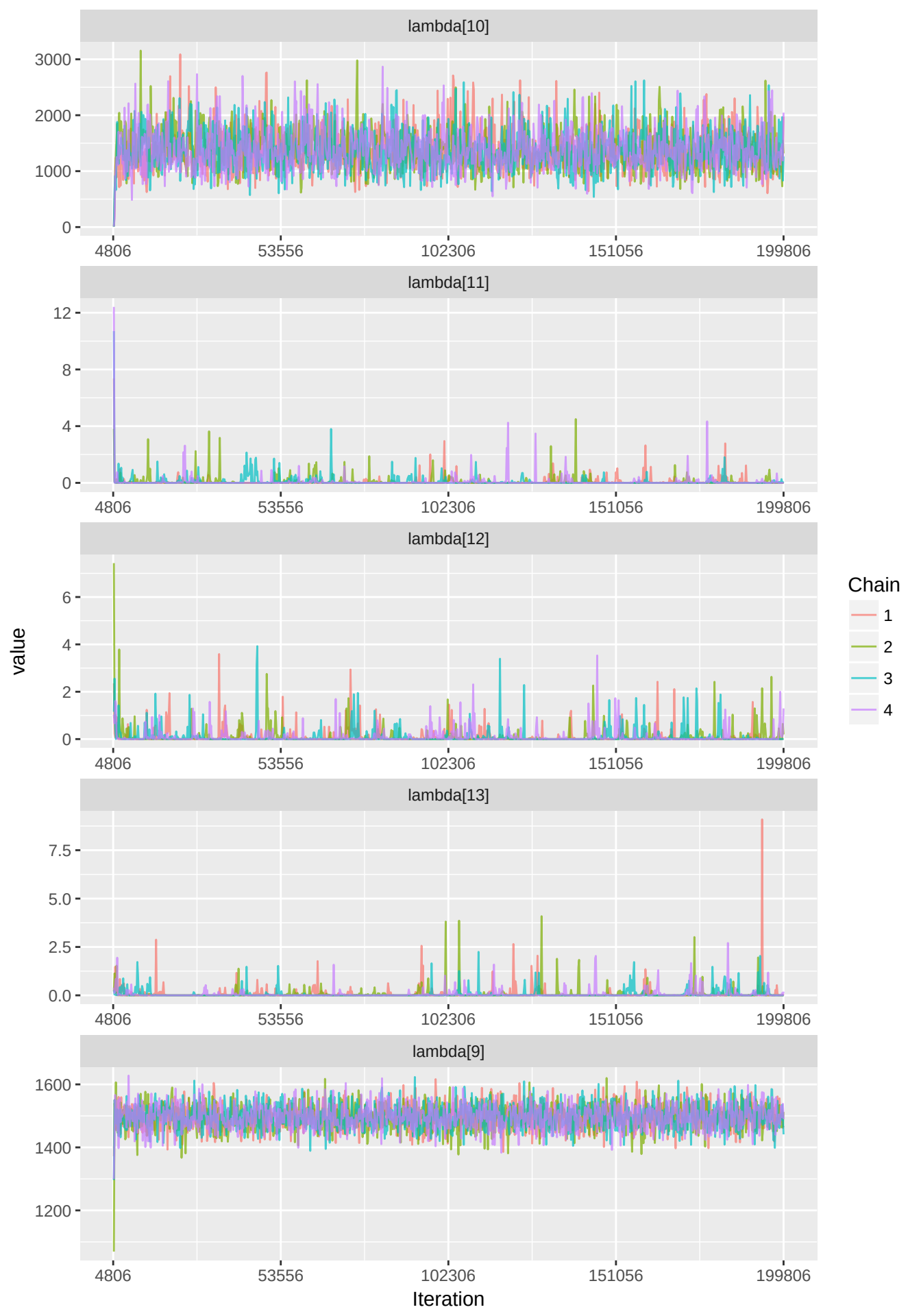
102306
151056
199806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2000
1000
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102306
151056
199806
lambda[11]
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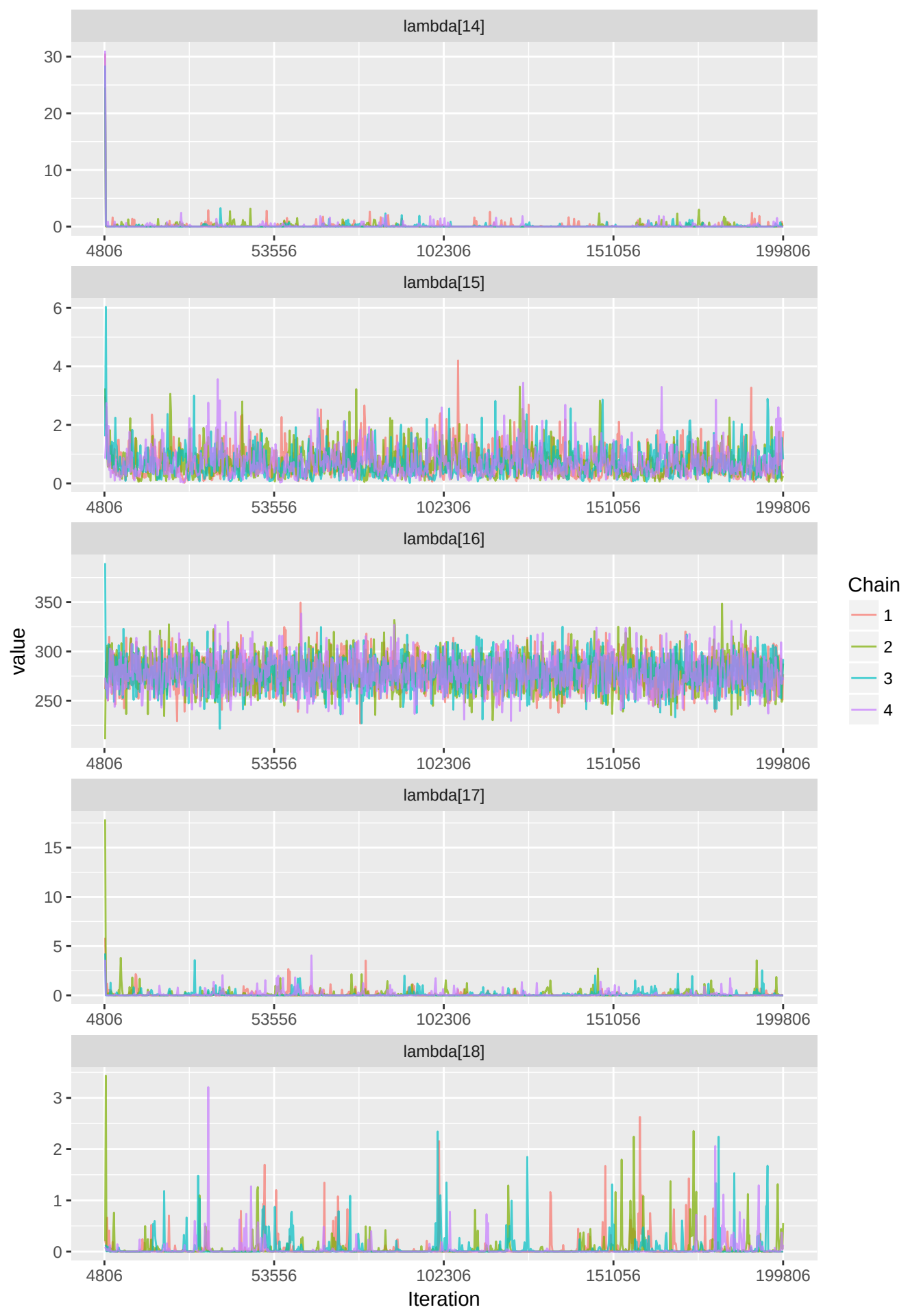
8
4
0
4806
53556
102306
151056
199806
lambda[12]
6
4
2
0
4806
53556
102306
151056
199806
lambda[13]
7.5
5.0
2.5
0.0
4806
53556
102306
151056
199806
lambda[9]
1600
1400
1200
4806
53556
102306
151056
199806
value
Iteration
Chain
1
2
3
4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lambda[16]
lambda[17]
lambda[18]
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Iteration
Chain
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4
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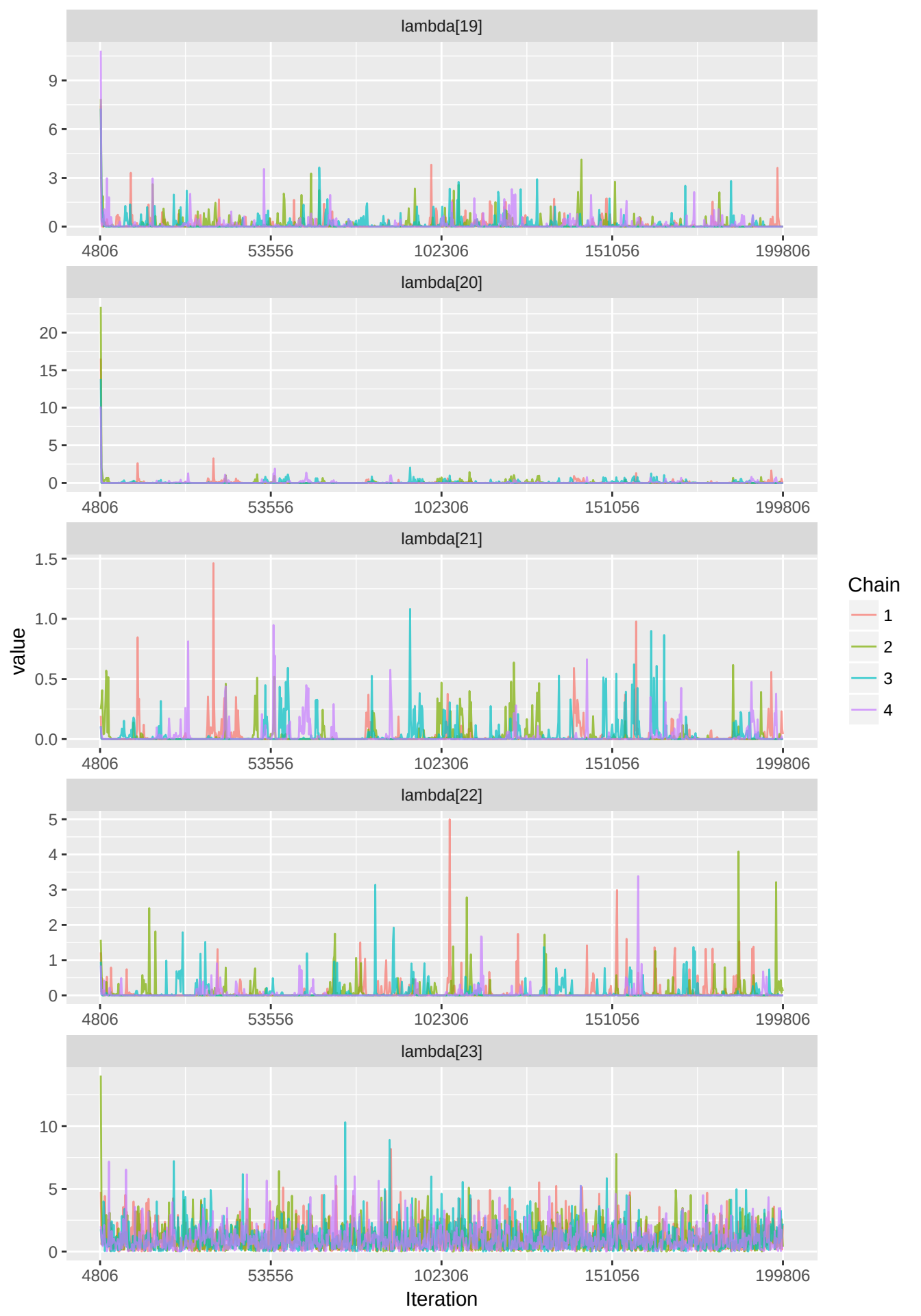
53556
102306
151056
199806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lambda[20]
lambda[21]
lambda[22]
lambda[23]
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Iteration
Chain
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3
4
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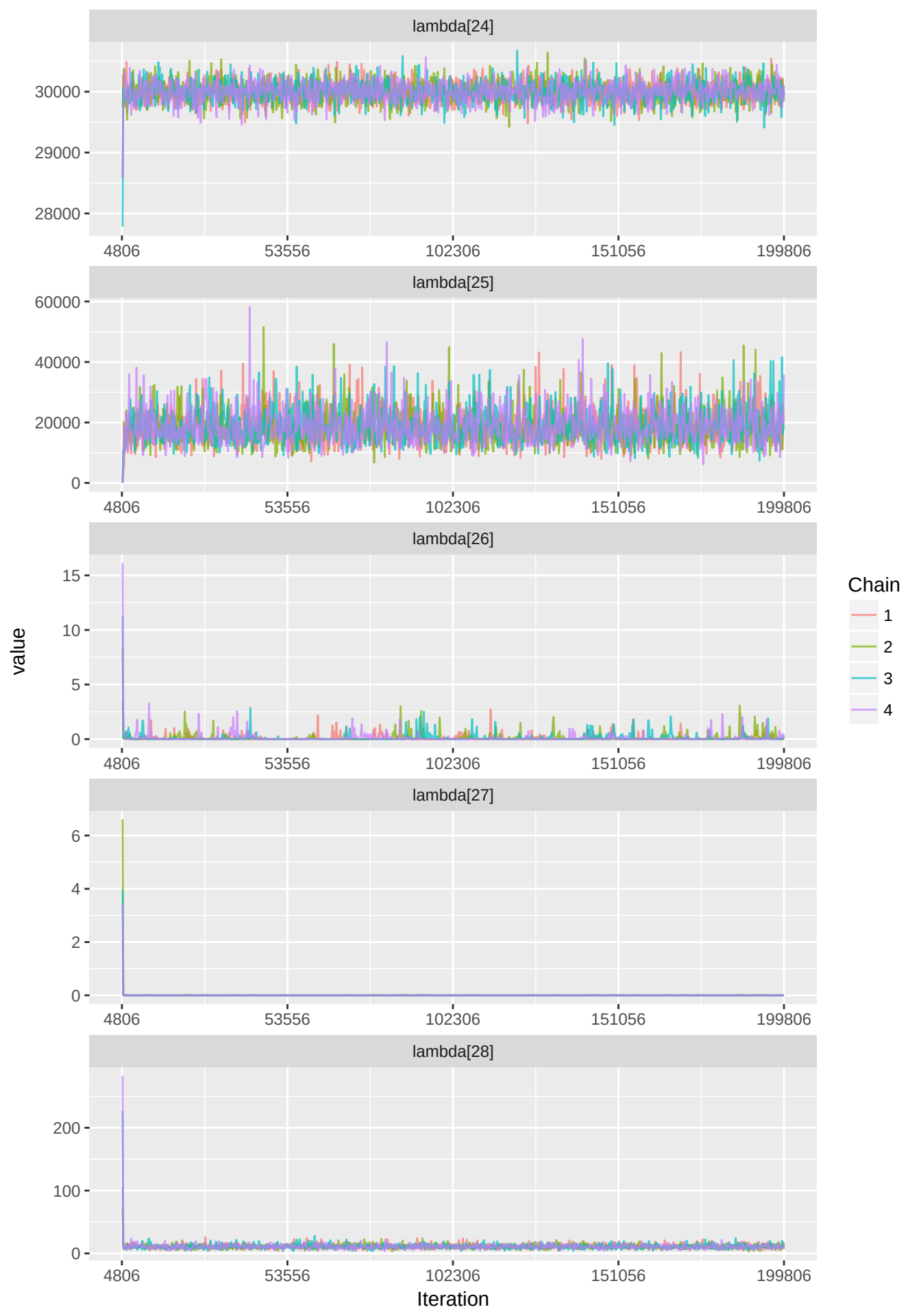
53556
102306
151056
199806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30000
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28000
4806
53556
102306
151056
199806
lambda[25]
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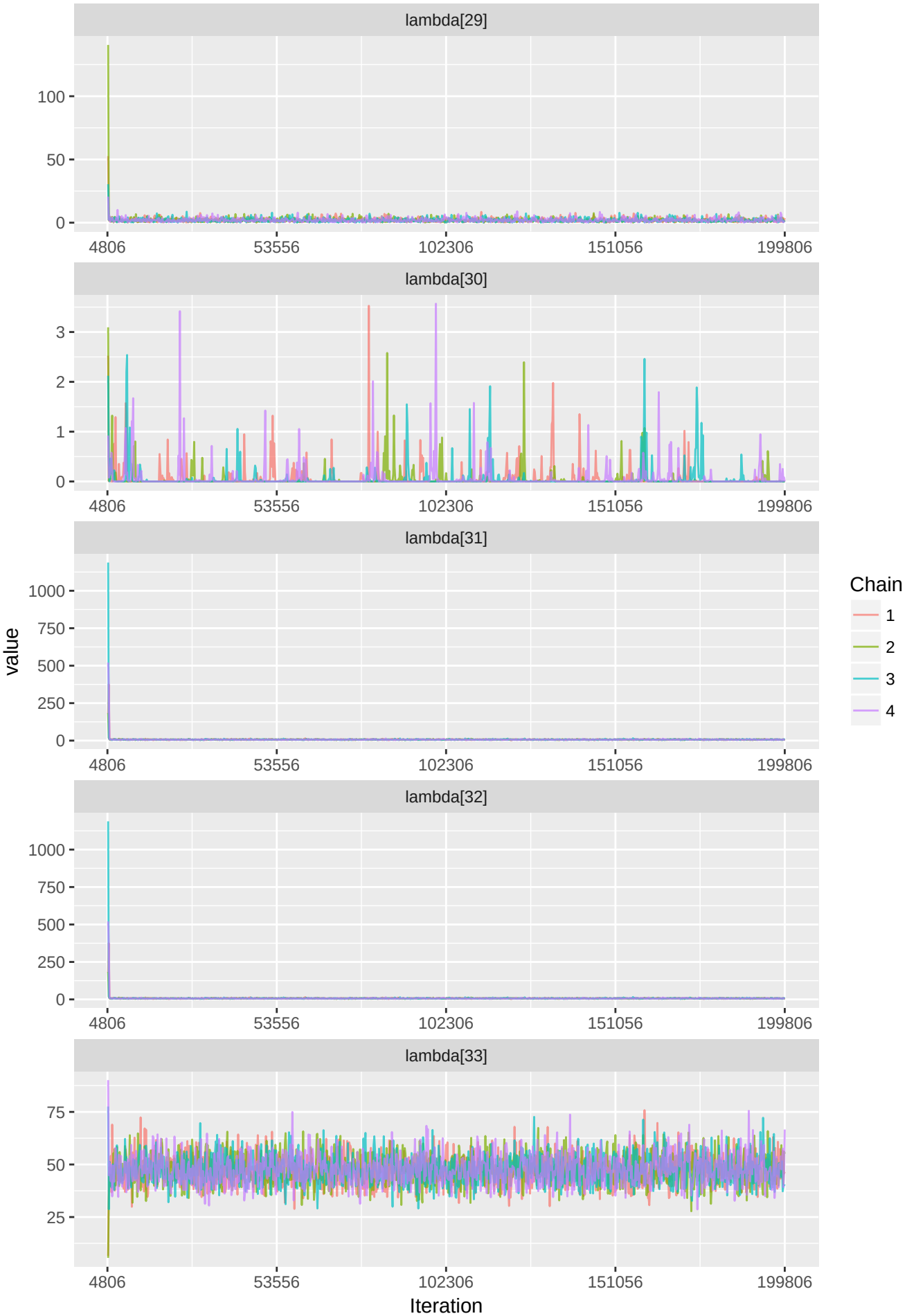
40000
20000
0
lambda[26]
15
10
5
lambda[27]
6
4
2
lambda[28]
200
100
value
Iteration
Chain
1
2
3
4


lambda[29]
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lambda[31]
lambda[32]
lambda[33]
value
Iteration
Chain
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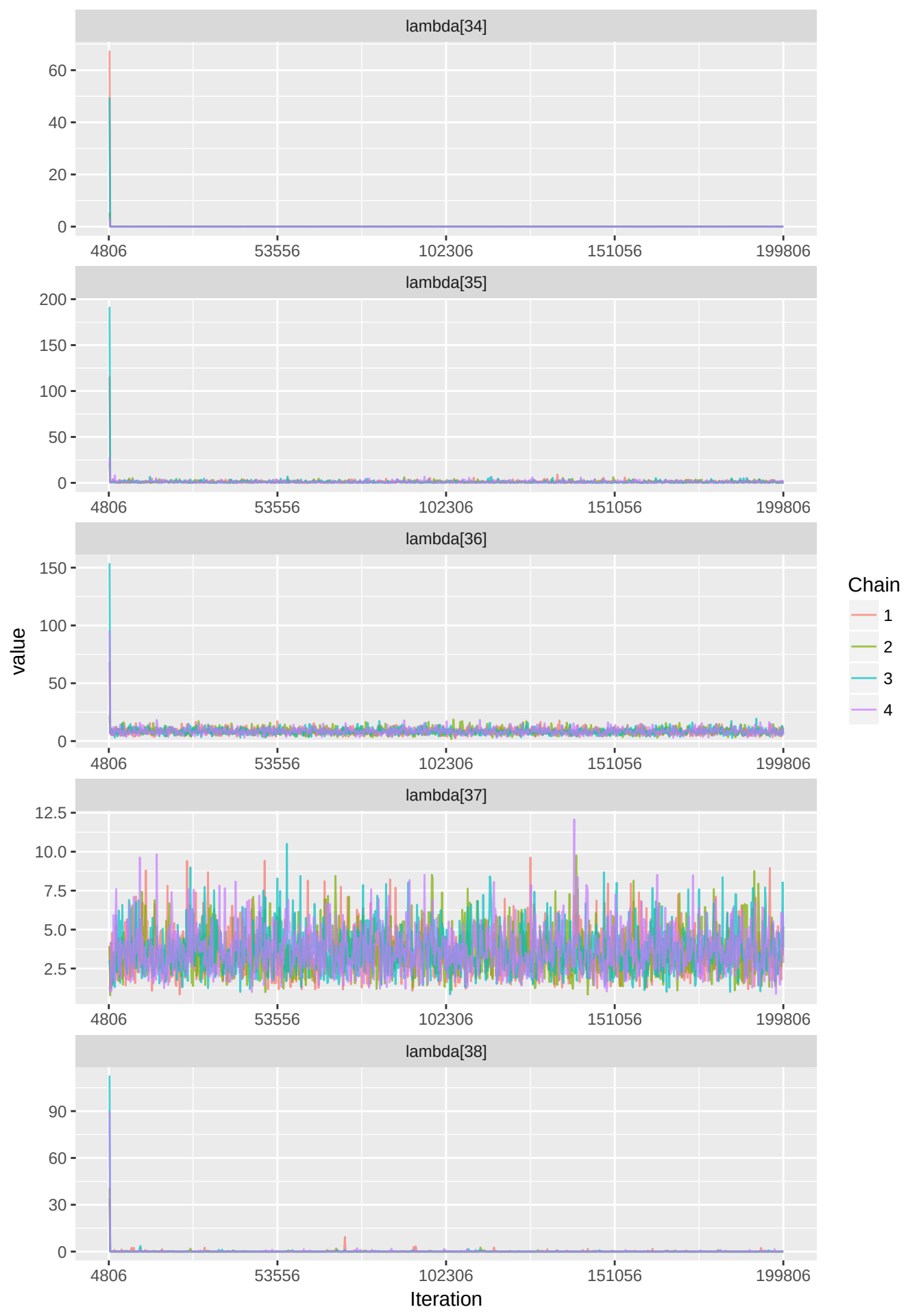
2
3
4
4806
53556
102306
151056
199806


lambda[34]
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value
Iteration
Chain
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3
4
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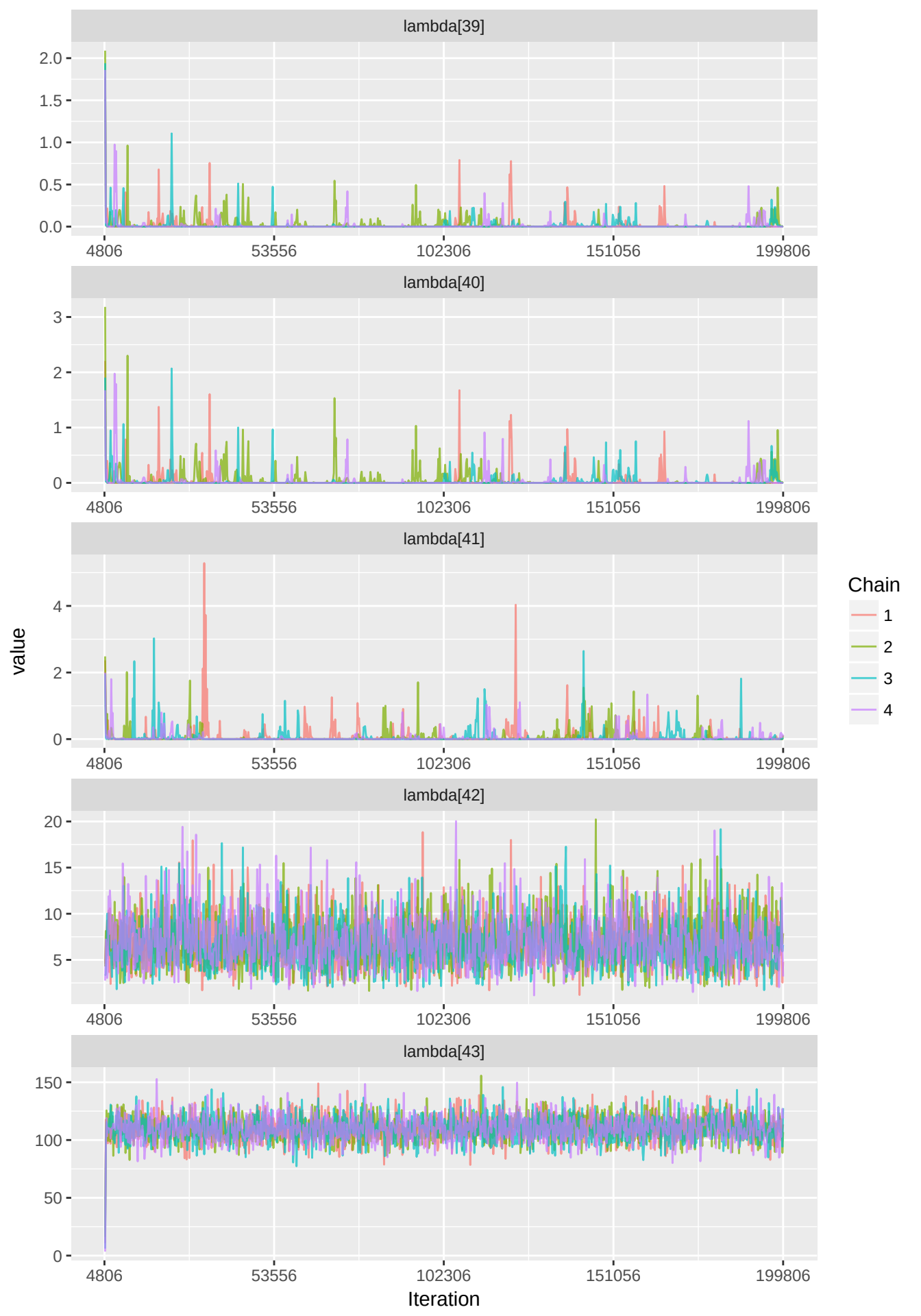
53556
102306
151056
199806


lambda[39]
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lambda[43]
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Iteration
Chain
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4
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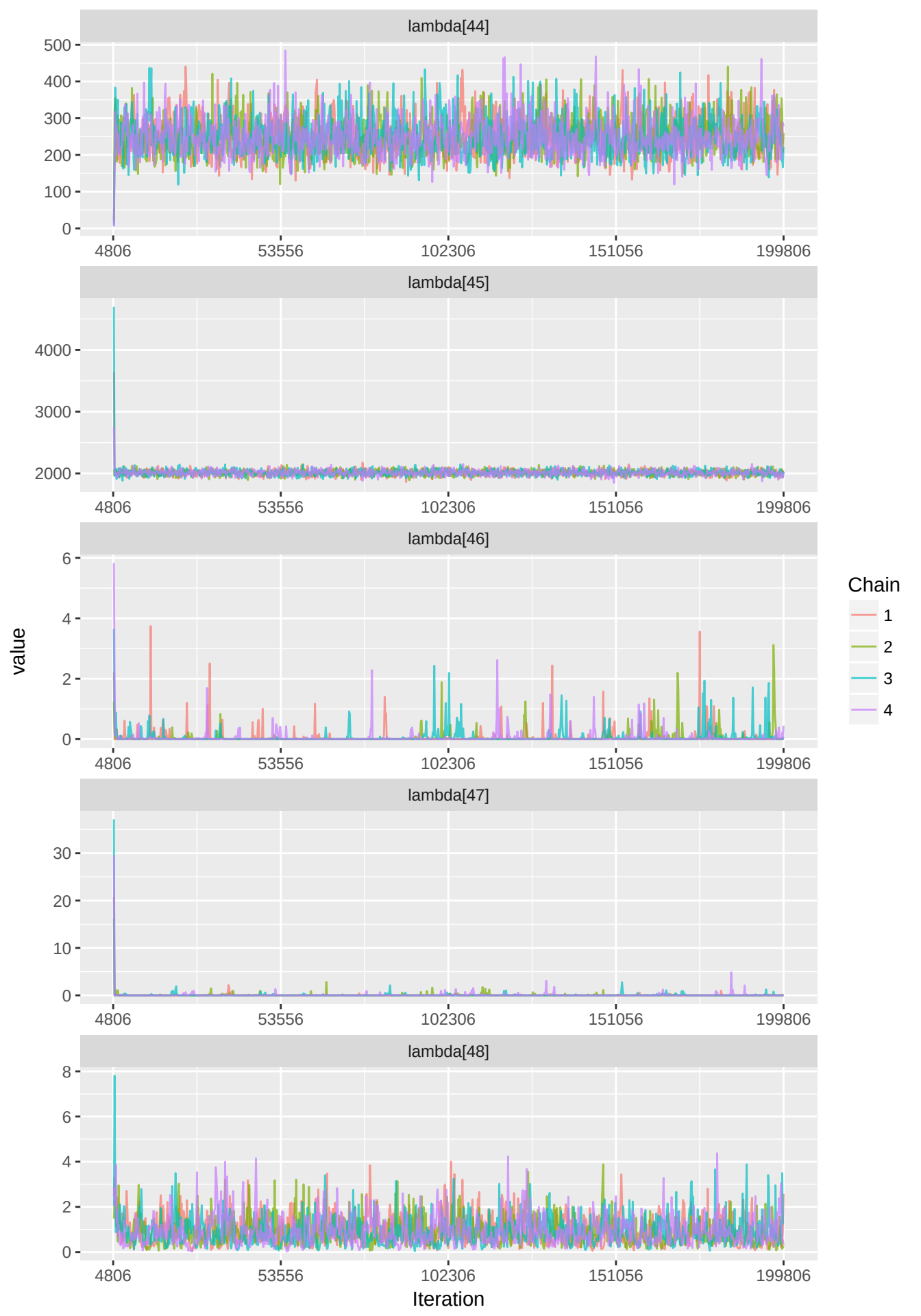
53556
102306
151056
199806


lambda[44]
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lambda[46]
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lambda[48]
value
Iteration
Chain
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3
4
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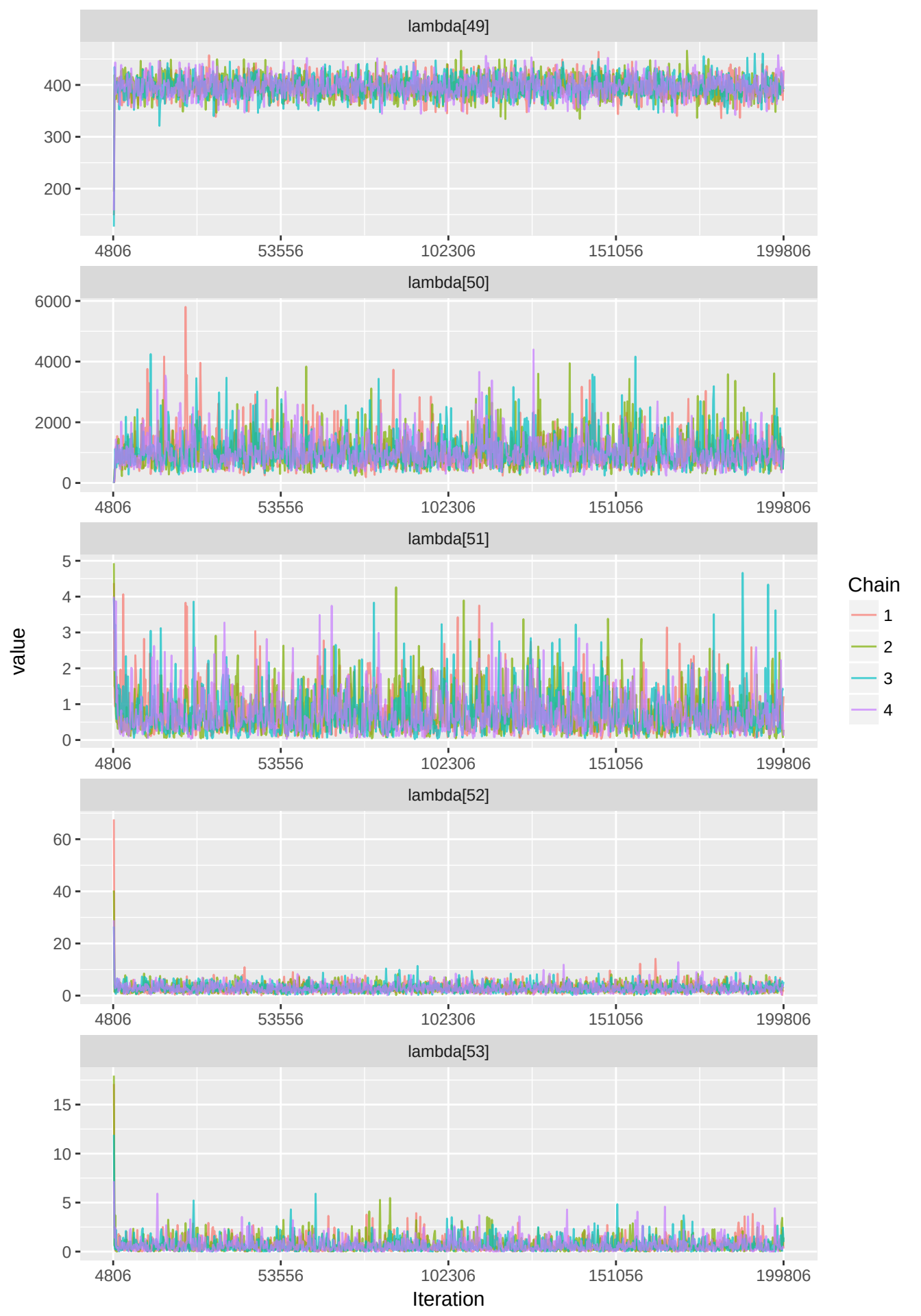
151056
199806


lambda[49]
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lambda[51]
lambda[52]
lambda[53]
value
Iteration
Chain
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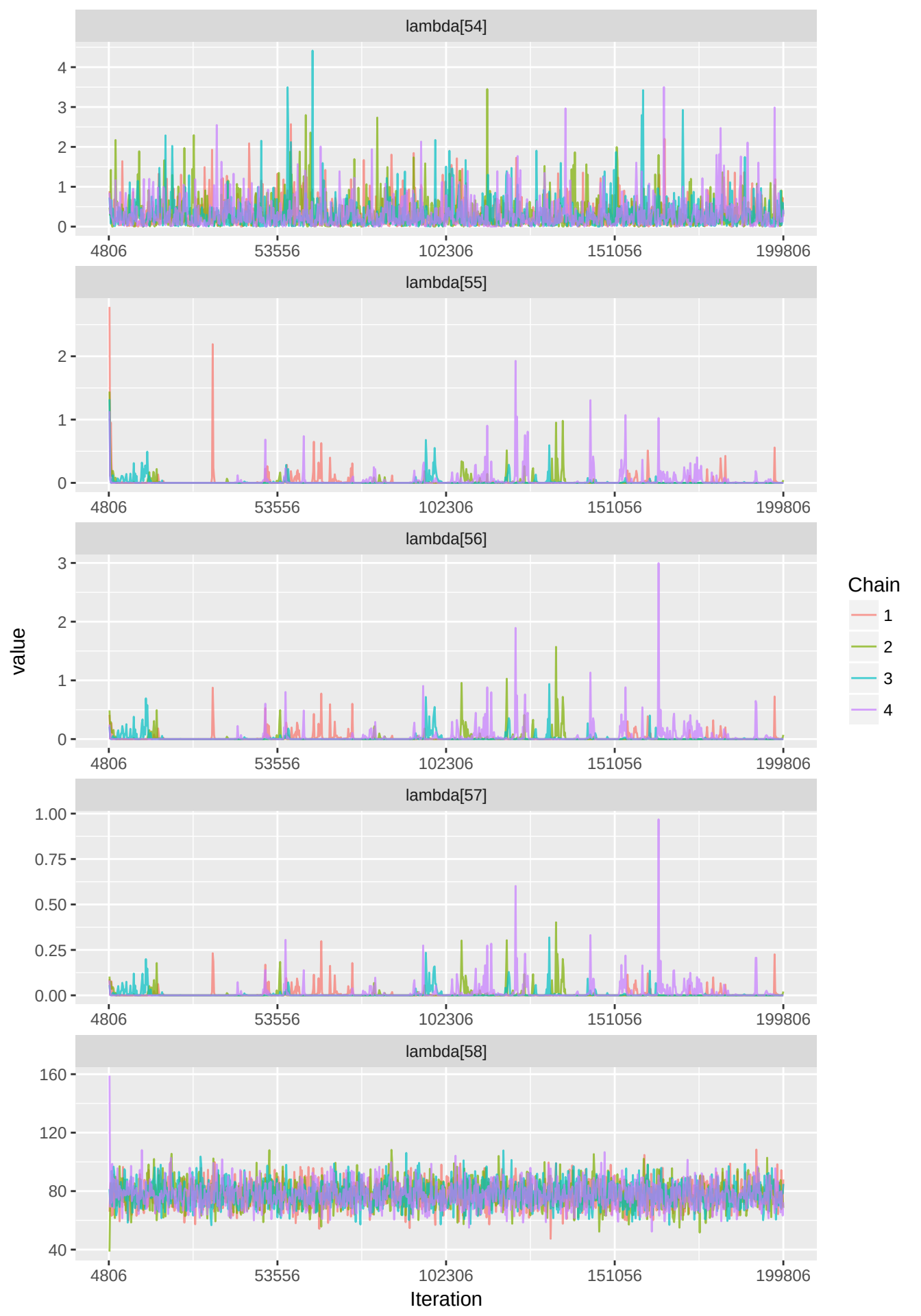
2
3
4
4806
53556
102306
151056
199806


lambda[54]
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lambda[56]
lambda[57]
lambda[58]
value
Iteration
Chain
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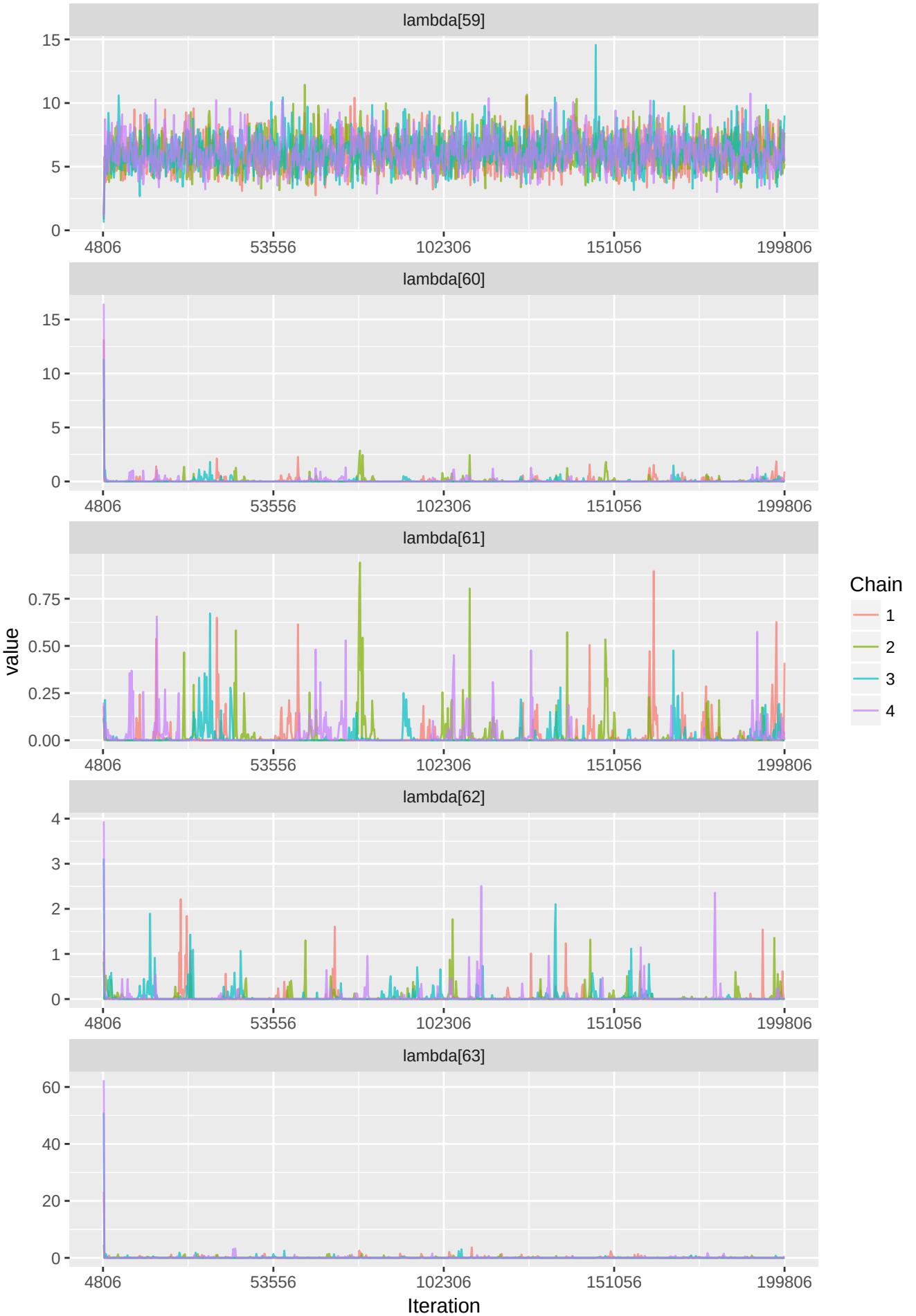
2
3
4
4806
53556
102306
151056
199806


lambda[59]
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lambda[62]
lambda[63]
value
Iteration
Chain
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2
3
4
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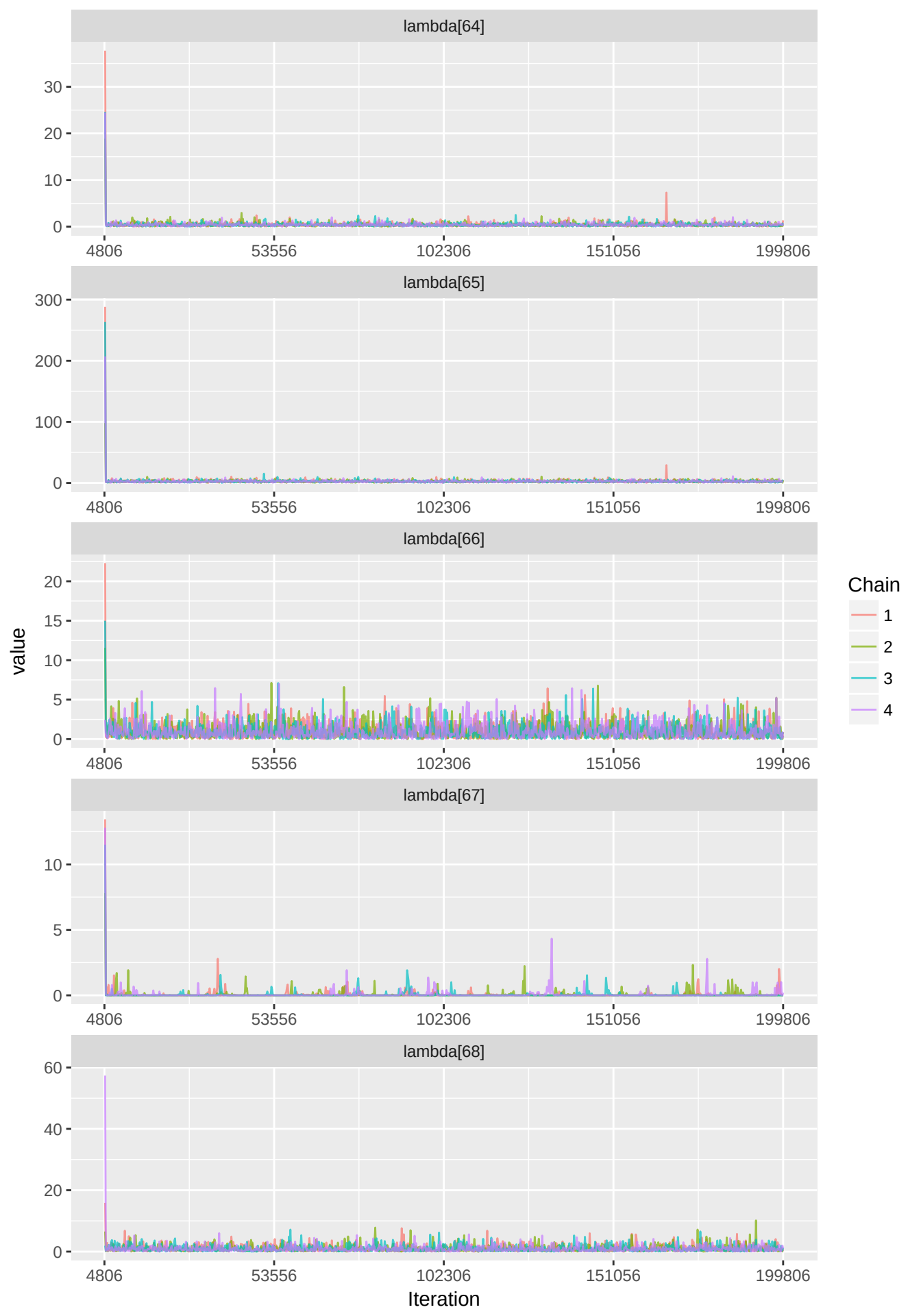
53556
102306
151056
199806


lambda[64]
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lambda[66]
lambda[67]
lambda[68]
value
Iteration
Chain
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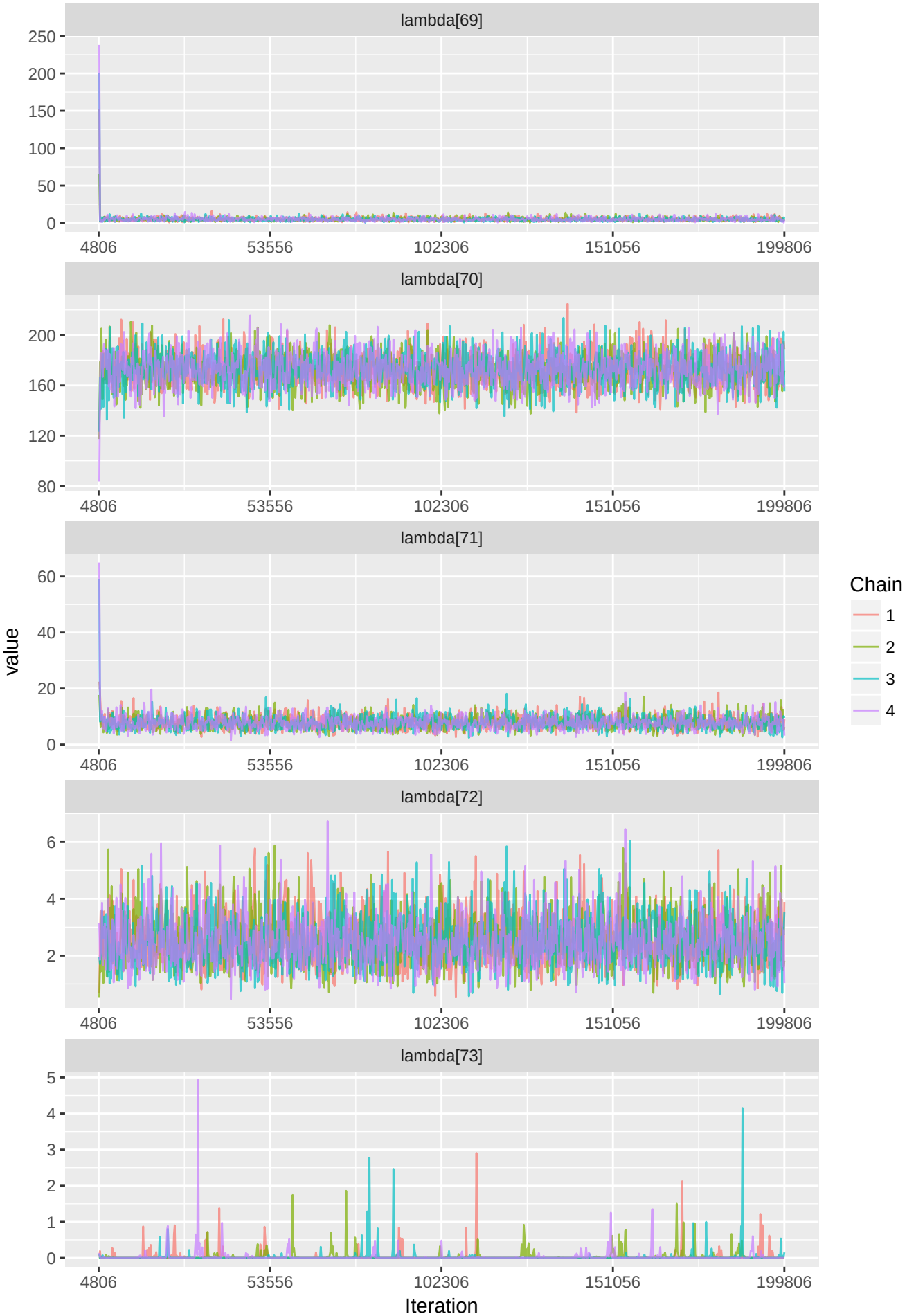
2
3
4
4806
53556
102306
151056
199806


lambda[69]
lambda[70]
lambda[71]
lambda[72]
lambda[73]
value
Iteration
Chain
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4
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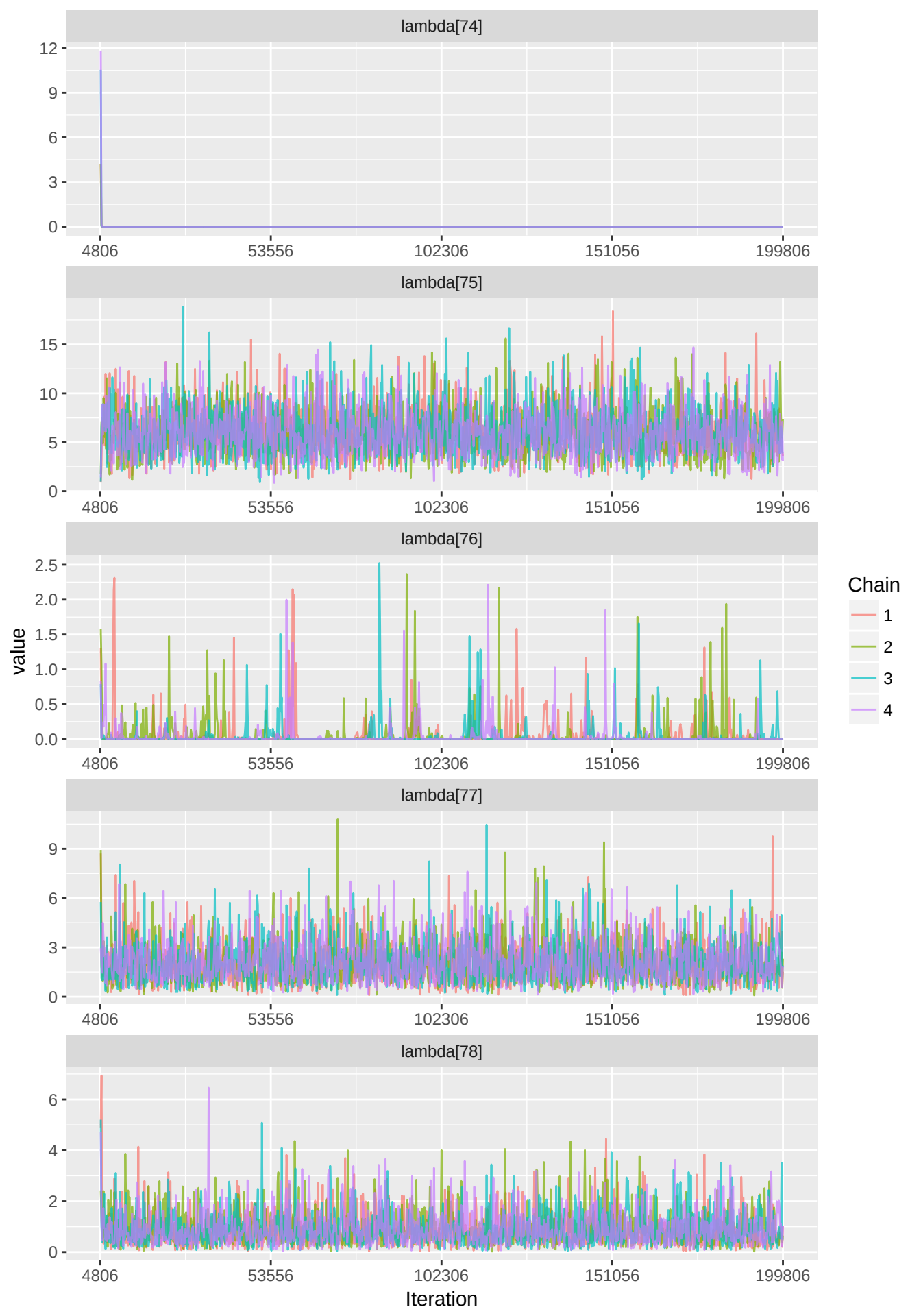
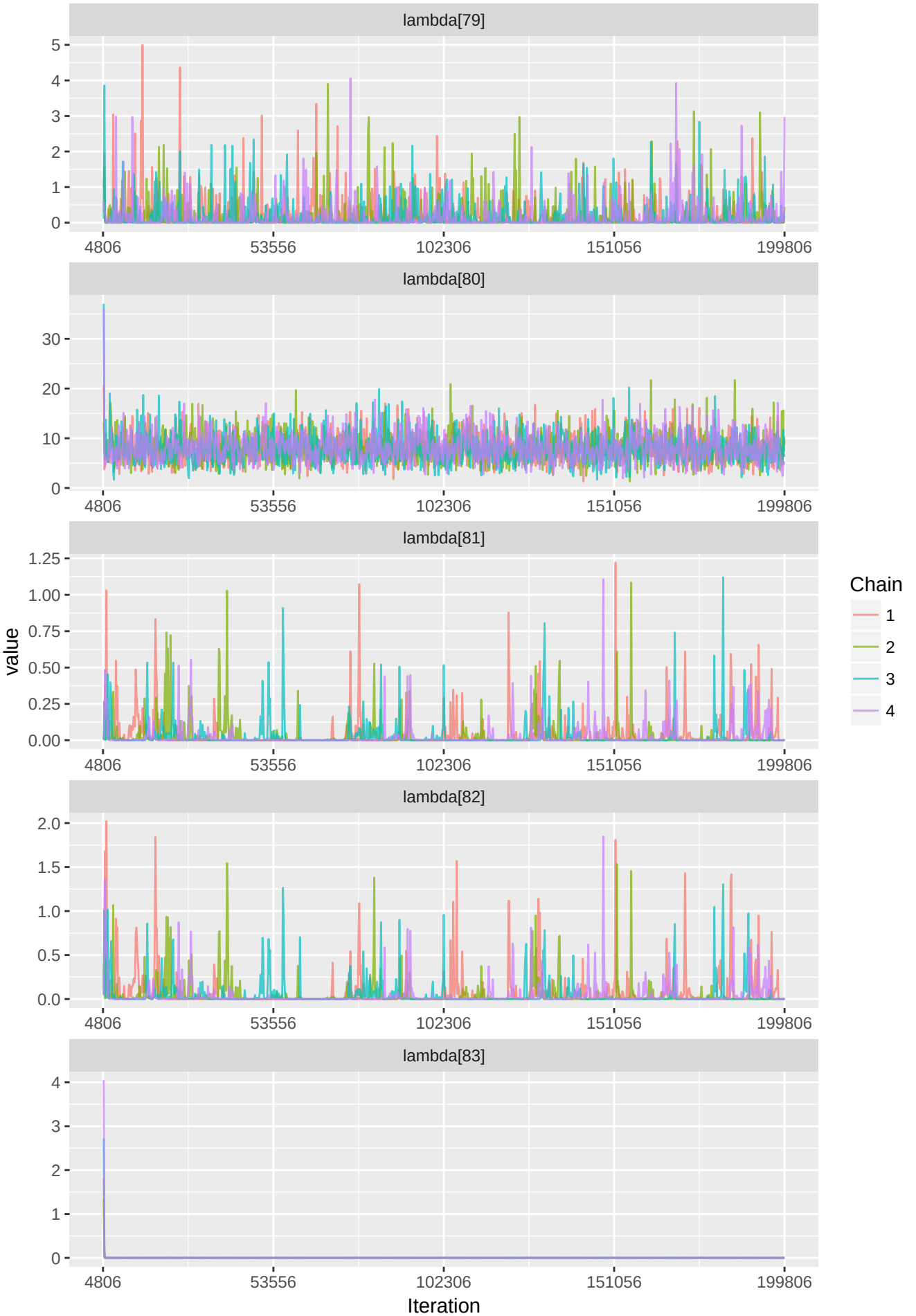
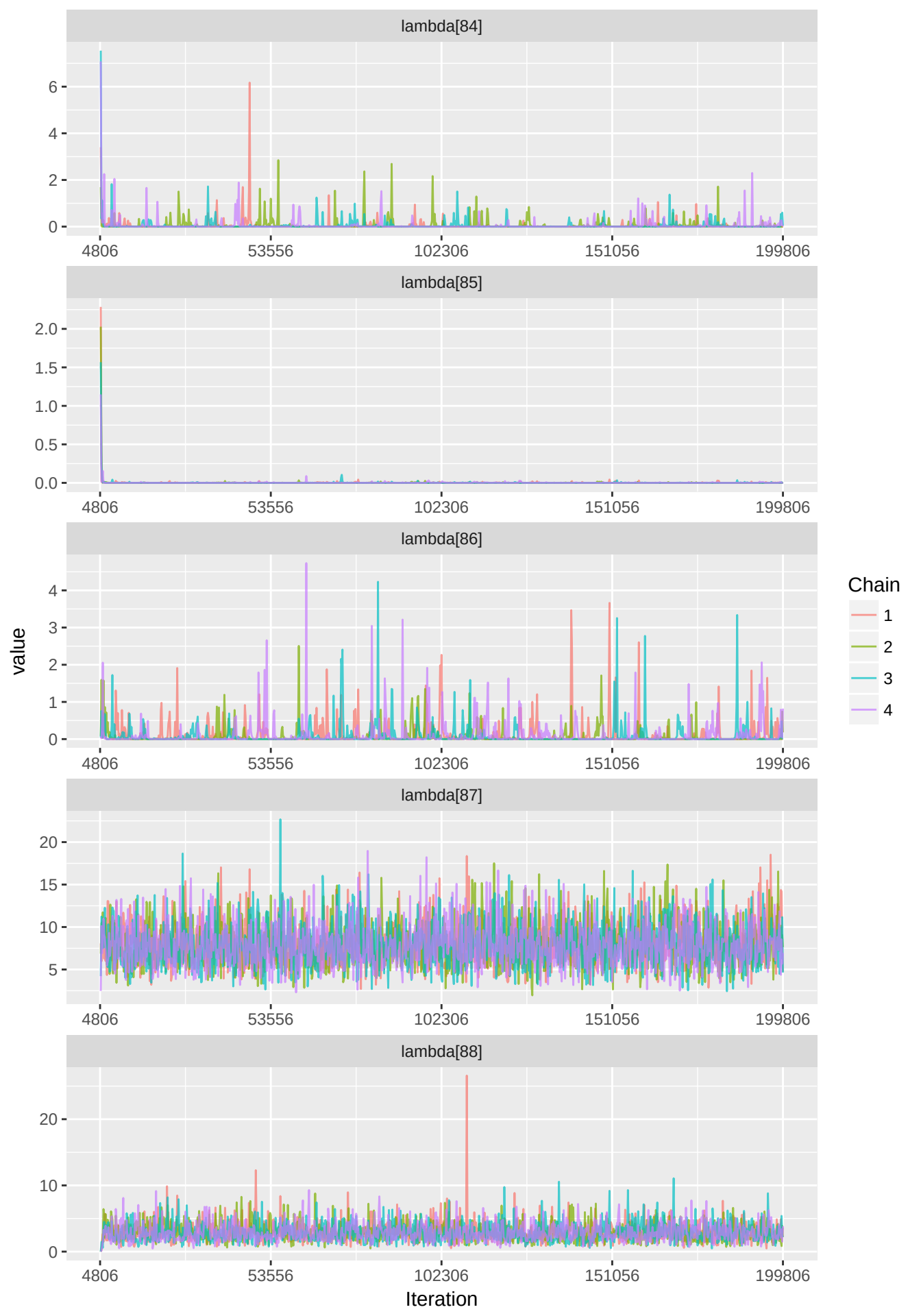
102306
151056
199806


lambda[74]
lambda[75]
lambda[76]
lambda[77]
lambda[78]
value
Iteration
4806
53556
102306
151056
199806
Chain
1
2
3
4


lambda[79]
lambda[80]
lambda[81]
lambda[82]
lambda[83]
value
Iteration
Chain
1
2
3
4
4806
53556
102306
151056
199806


lambda[84]
lambda[85]
lambda[86]
lambda[87]
lambda[88]
value
Iteration
Chain
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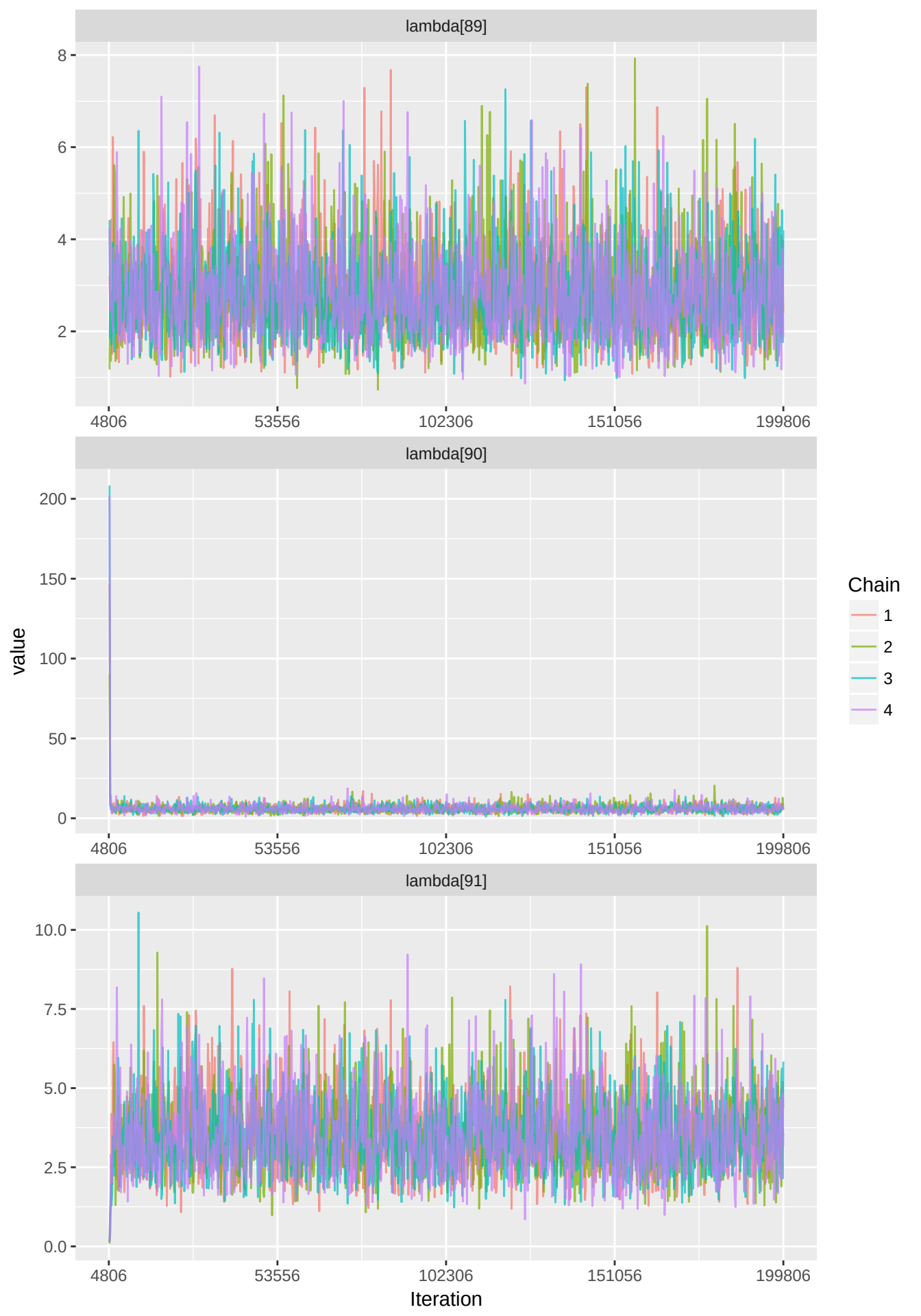
2
3
4
4806
53556
102306
151056
199806


lambda[89]
lambda[90]
lambda[91]
value
Iteration
Chain
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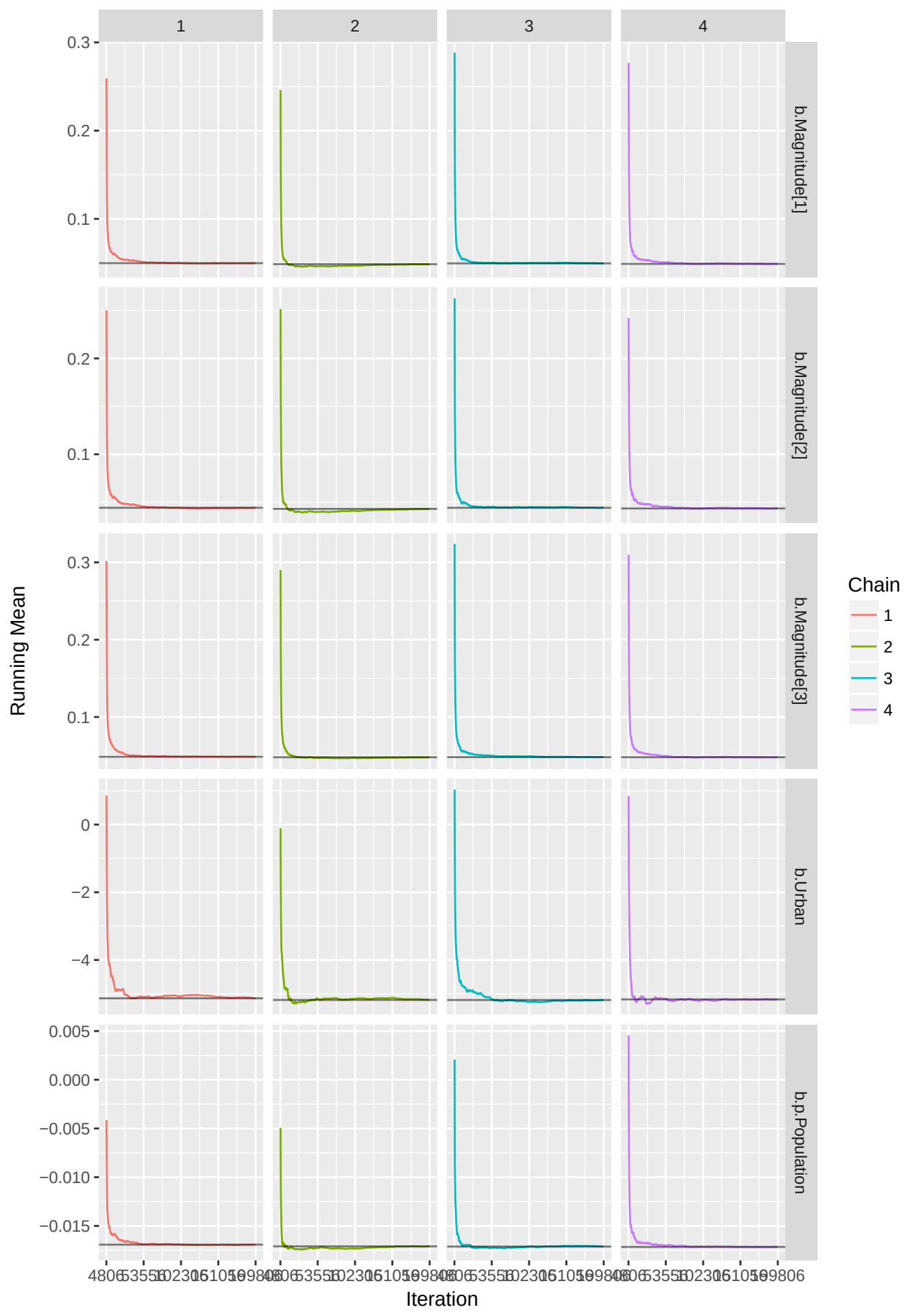
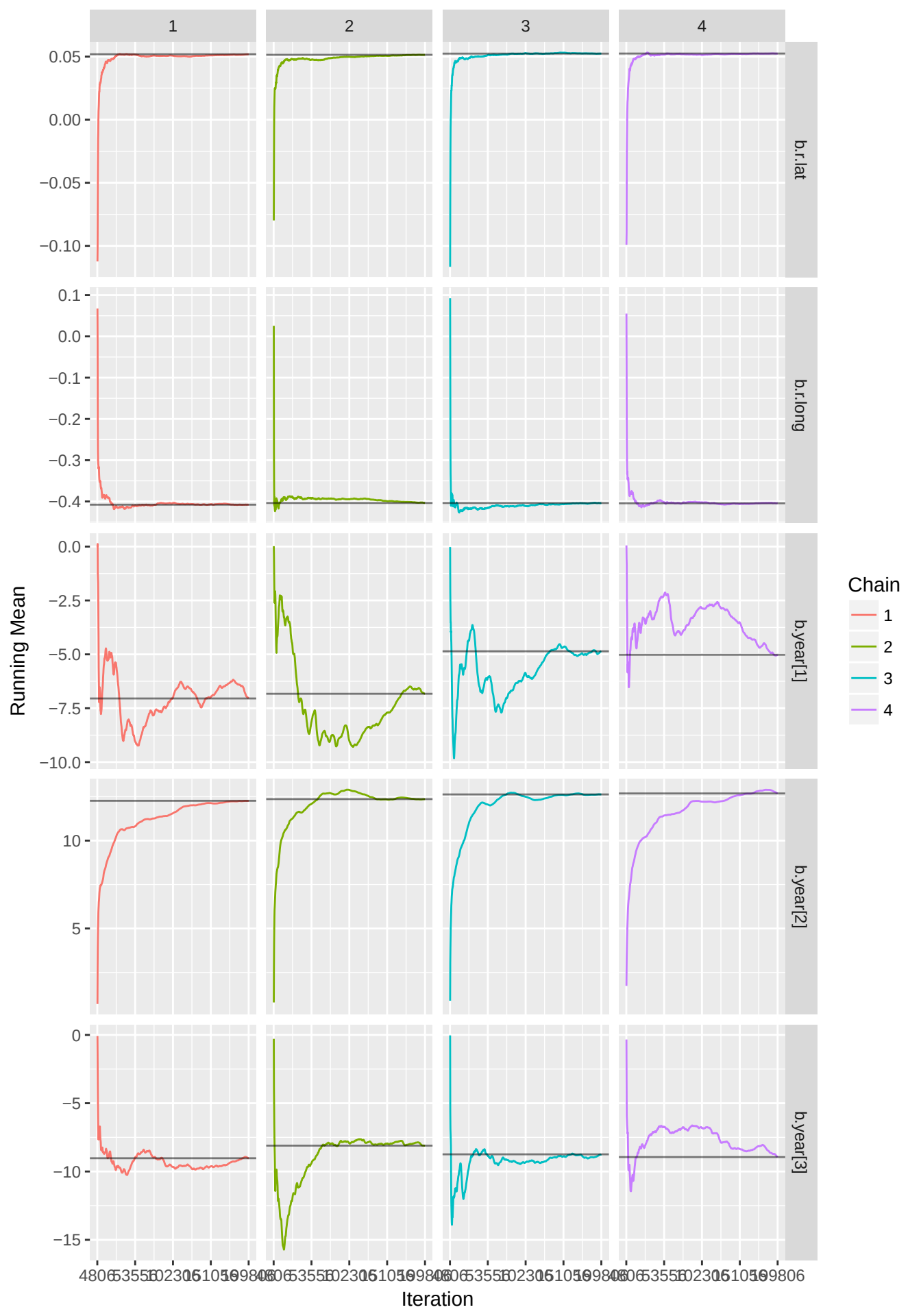
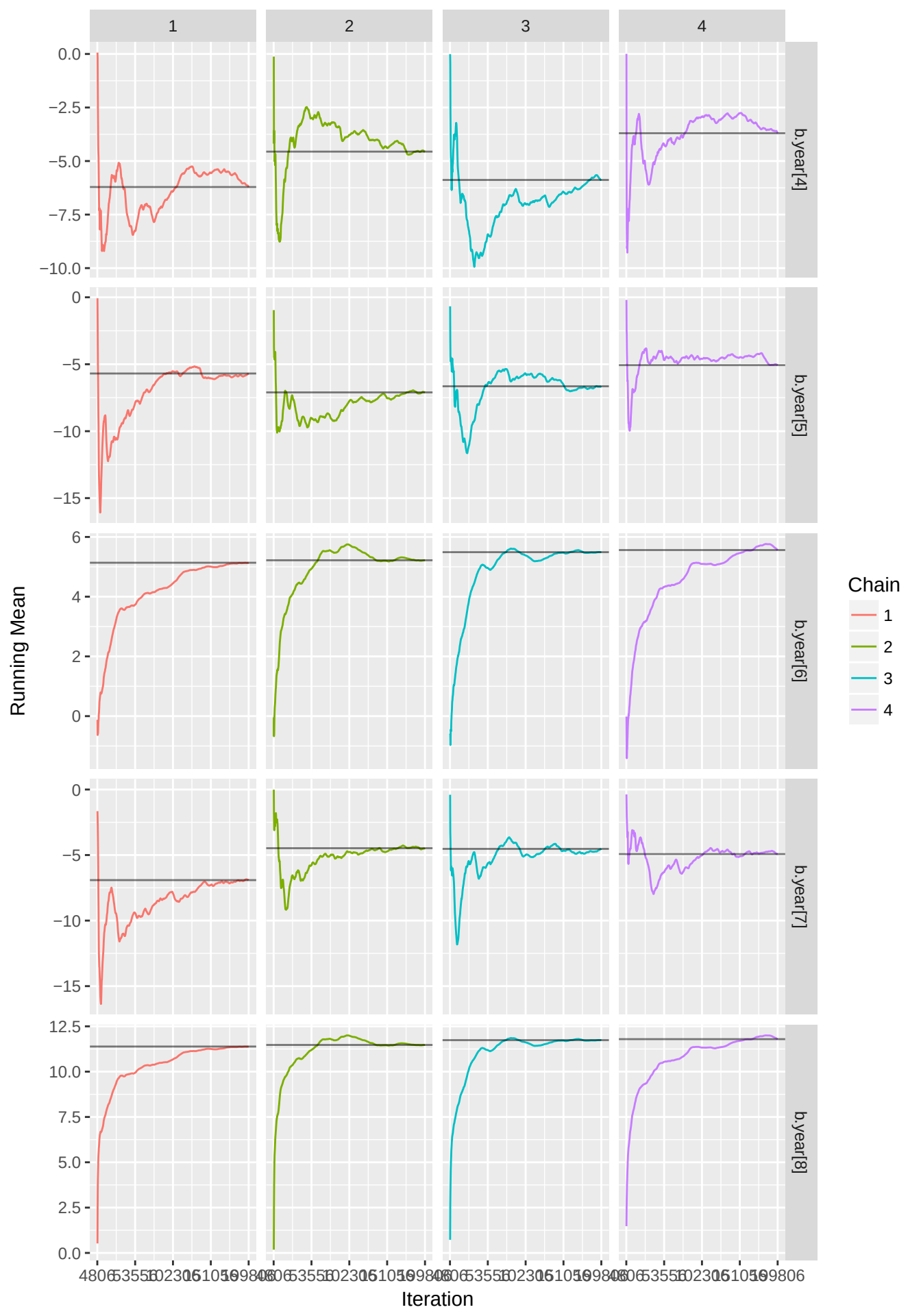
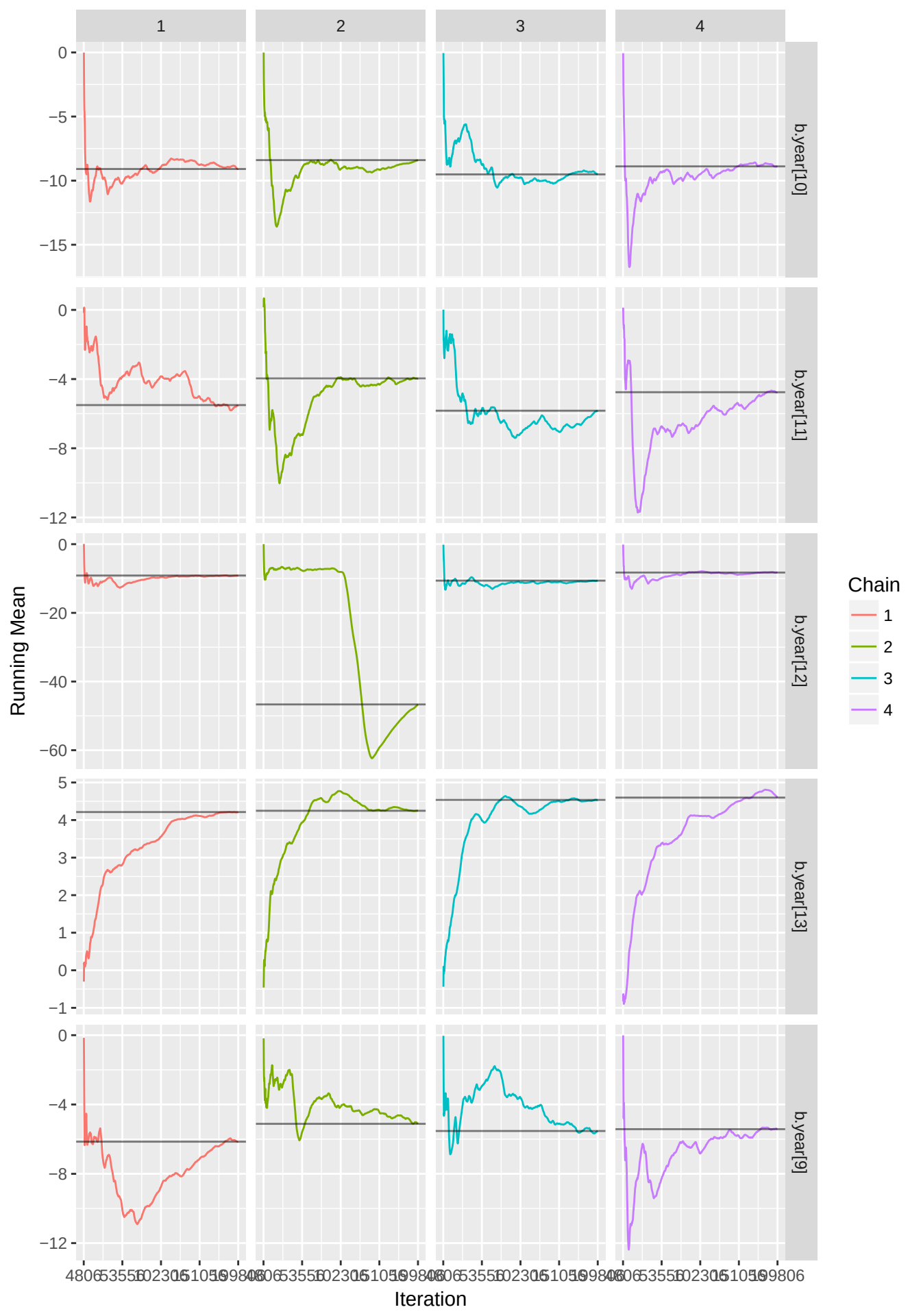
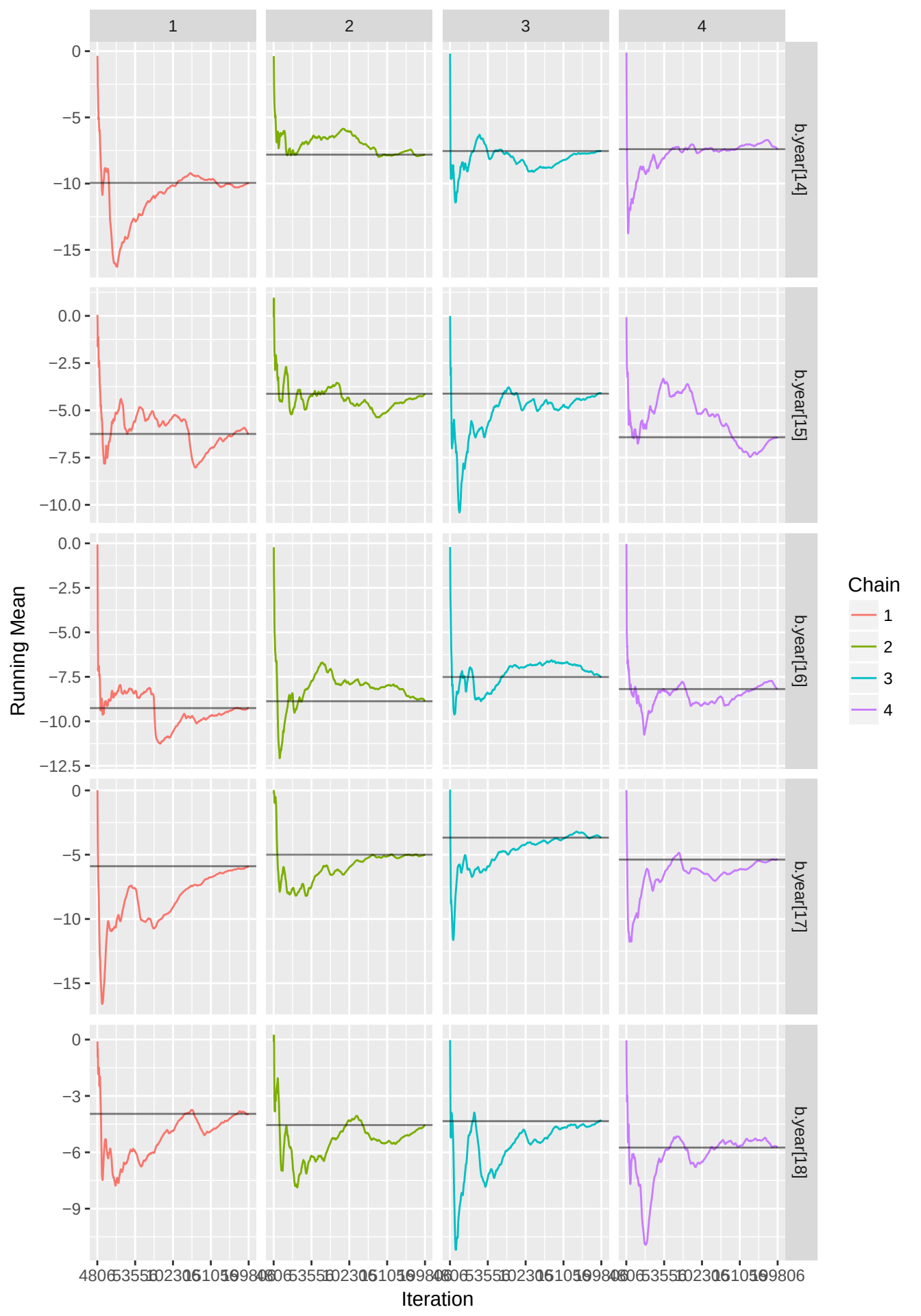
2
3
4
4806
53556
102306
151056
199806

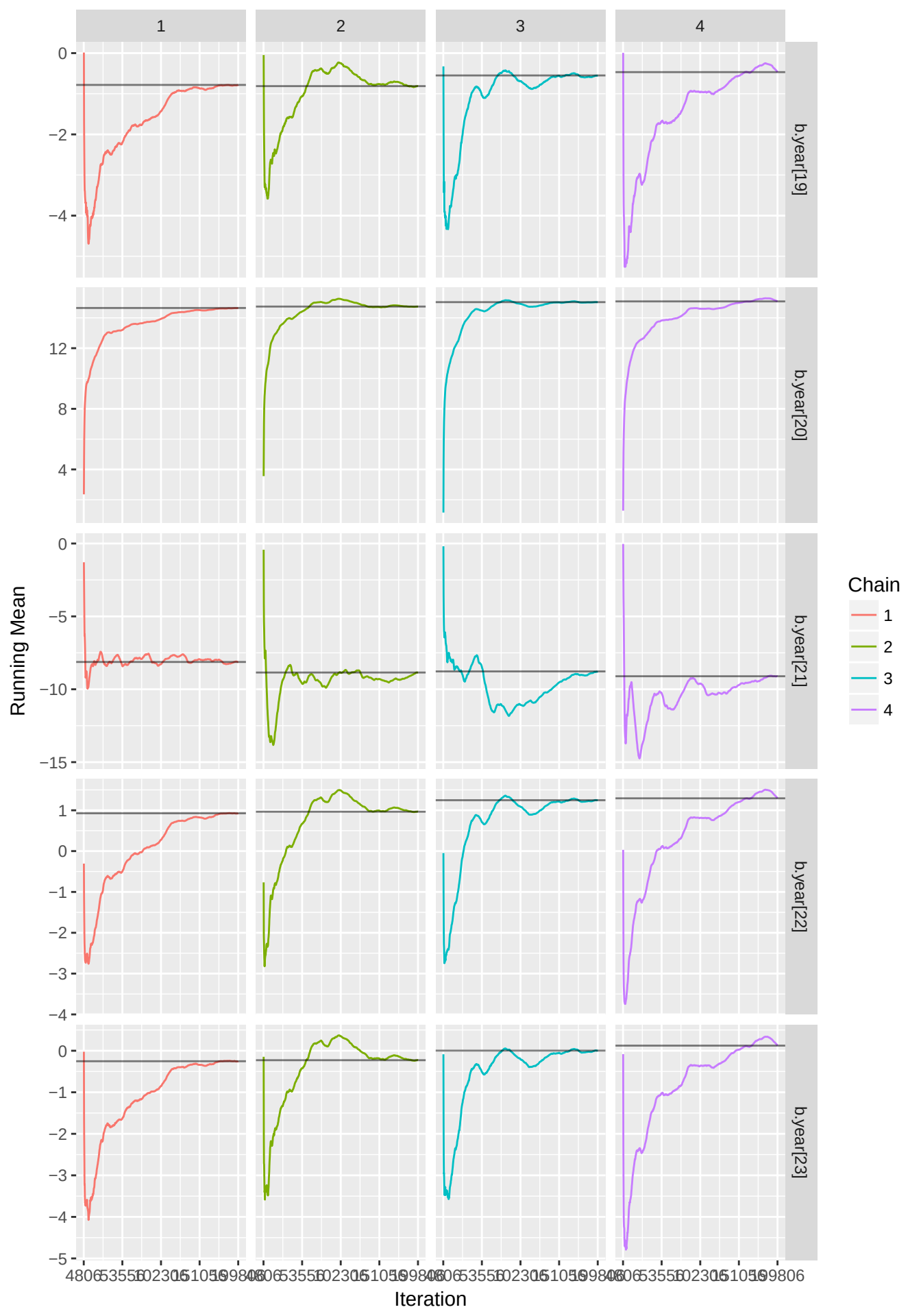

1
2
3
4
b.Magnitude[1]
b.Magnitude[2]
b.Magnitude[3]
b.Urban
b.p.Population
Running Mean
Iteration
Chain
1
2
3
4

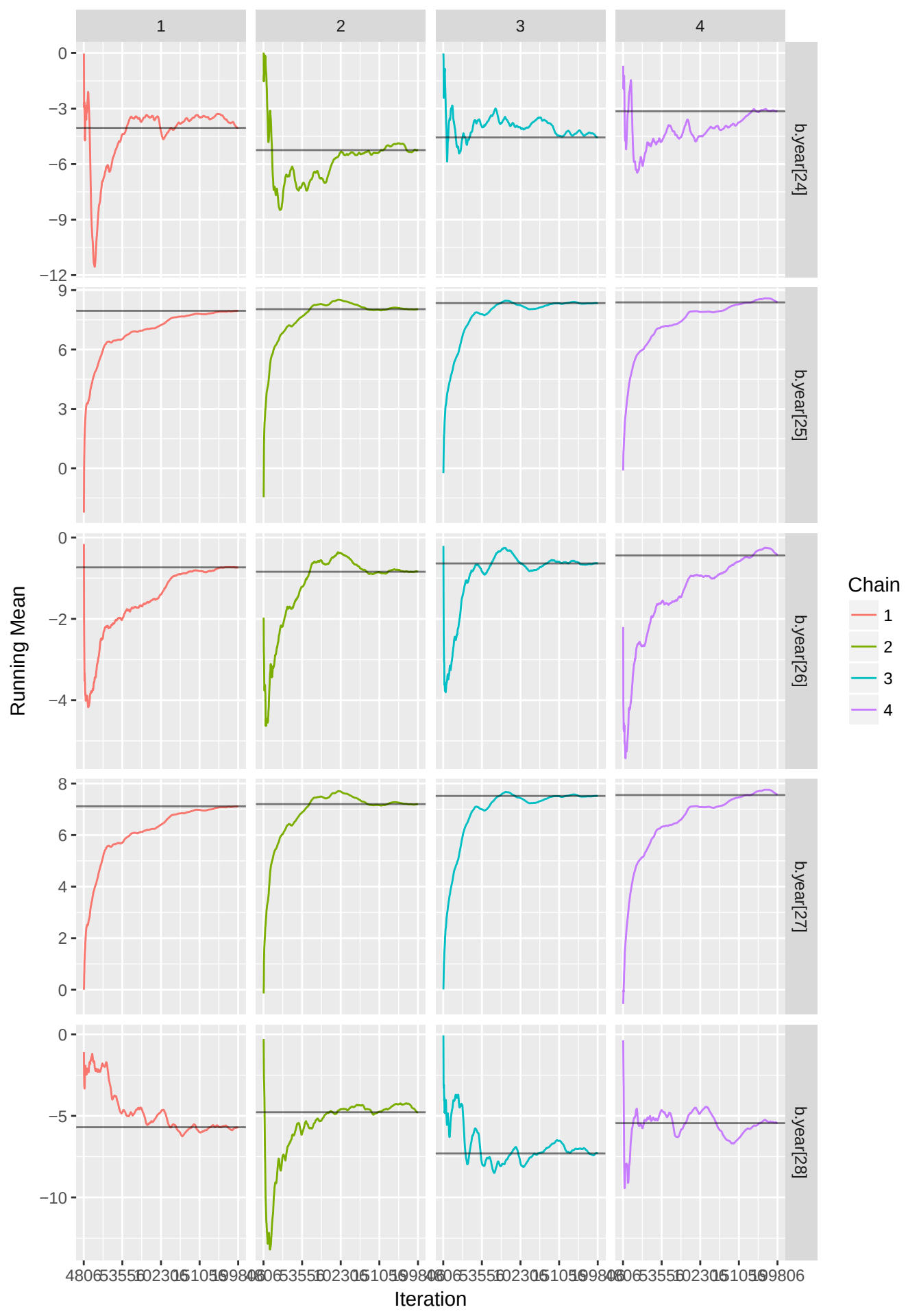

1
2
3
4
b.r.lat
b.r.long
b.year[1]
b.year[2]
b.year[3]
Running Mean
Iteration
Chain
1
2
3
4


1
2
3
4
b.year[4]
b.year[5]
b.year[6]
b.year[7]
b.year[8]
Running Mean
Iteration
Chain
1
2
3
4


1
2
3
4
b.year[10]
b.year[11]
b.year[12]
b.year[13]
b.year[9]
Running Mean
Iteration
Chain
1
2
3
4


1
2
3
4
b.year[14]
b.year[15]
b.year[16]
b.year[17]
b.year[18]
Running Mean
Iteration
Chain
1
2
3
4


1
2
3
4
b.year[19]
b.year[20]
b.year[21]
b.year[22]
b.year[23]
Running Mean
Iteration
Chain
1
2
3
4


1
2
3
4
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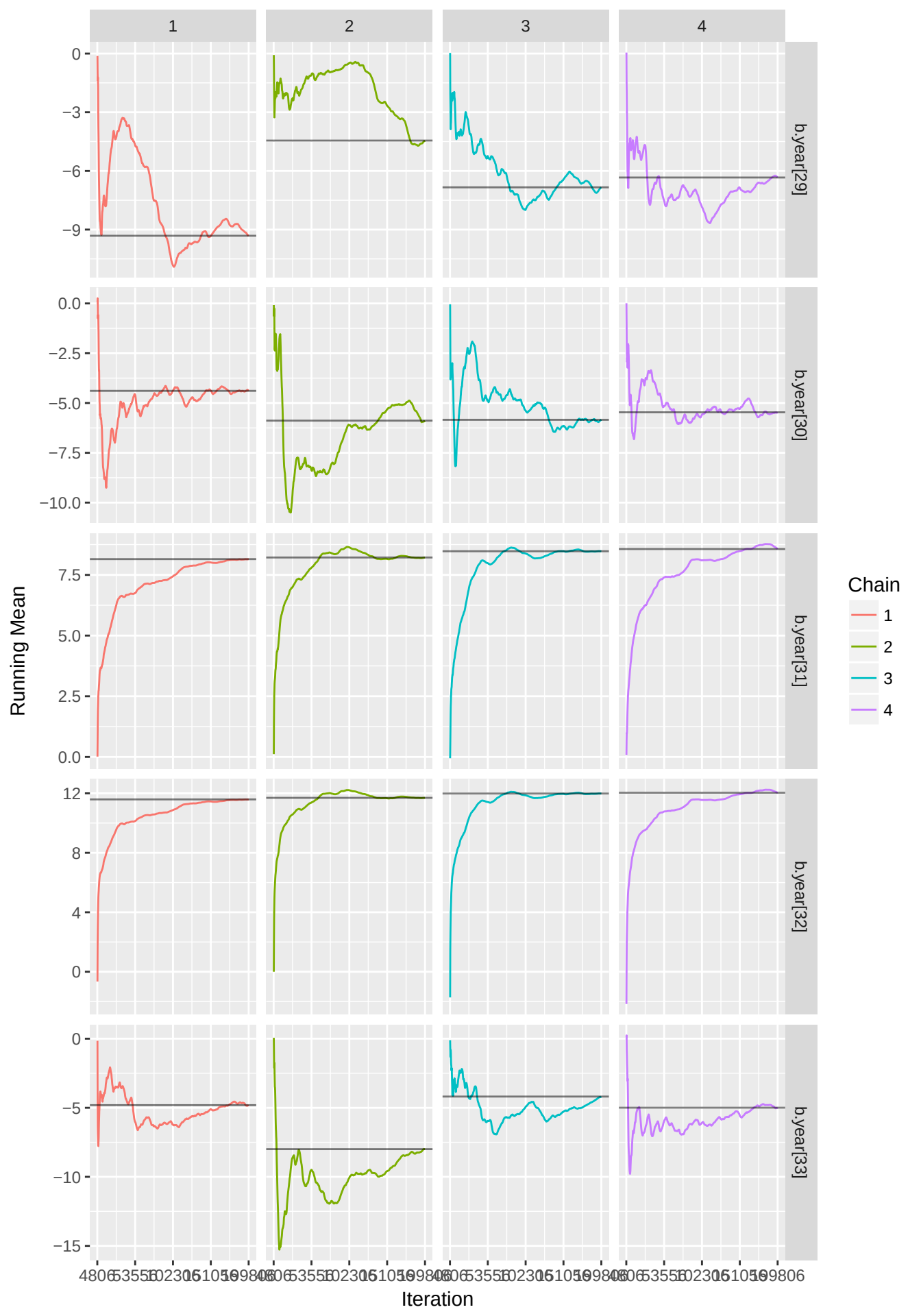
b.year[26]
b.year[27]
b.year[28]
Running Mean
Iteration
Chain
1
2
3
4


1
2
3
4
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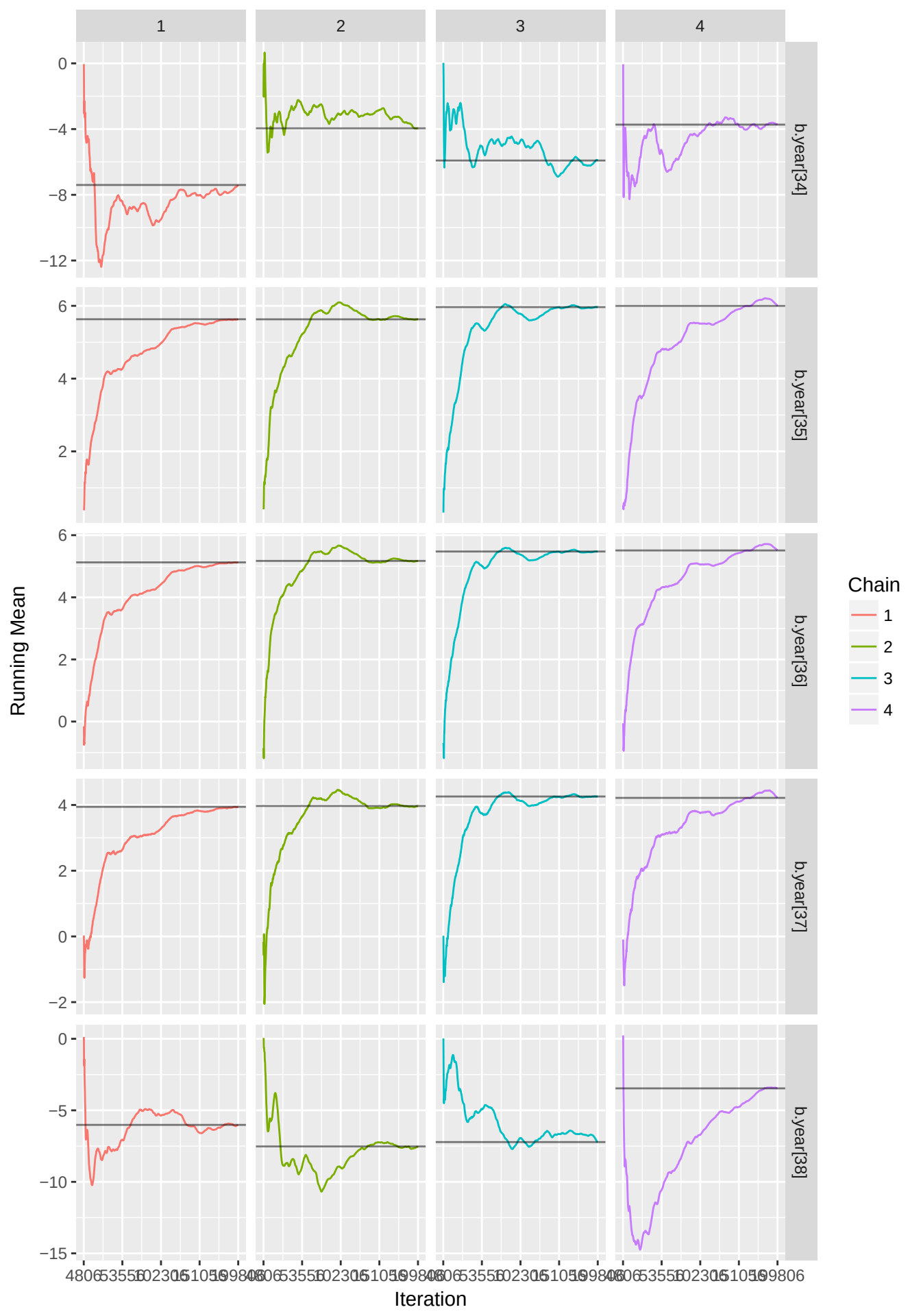
b.year[30]
b.year[31]
b.year[32]
b.year[33]
Running Mean
Iteration
Chain
1
2
3
4


1
2
3
4
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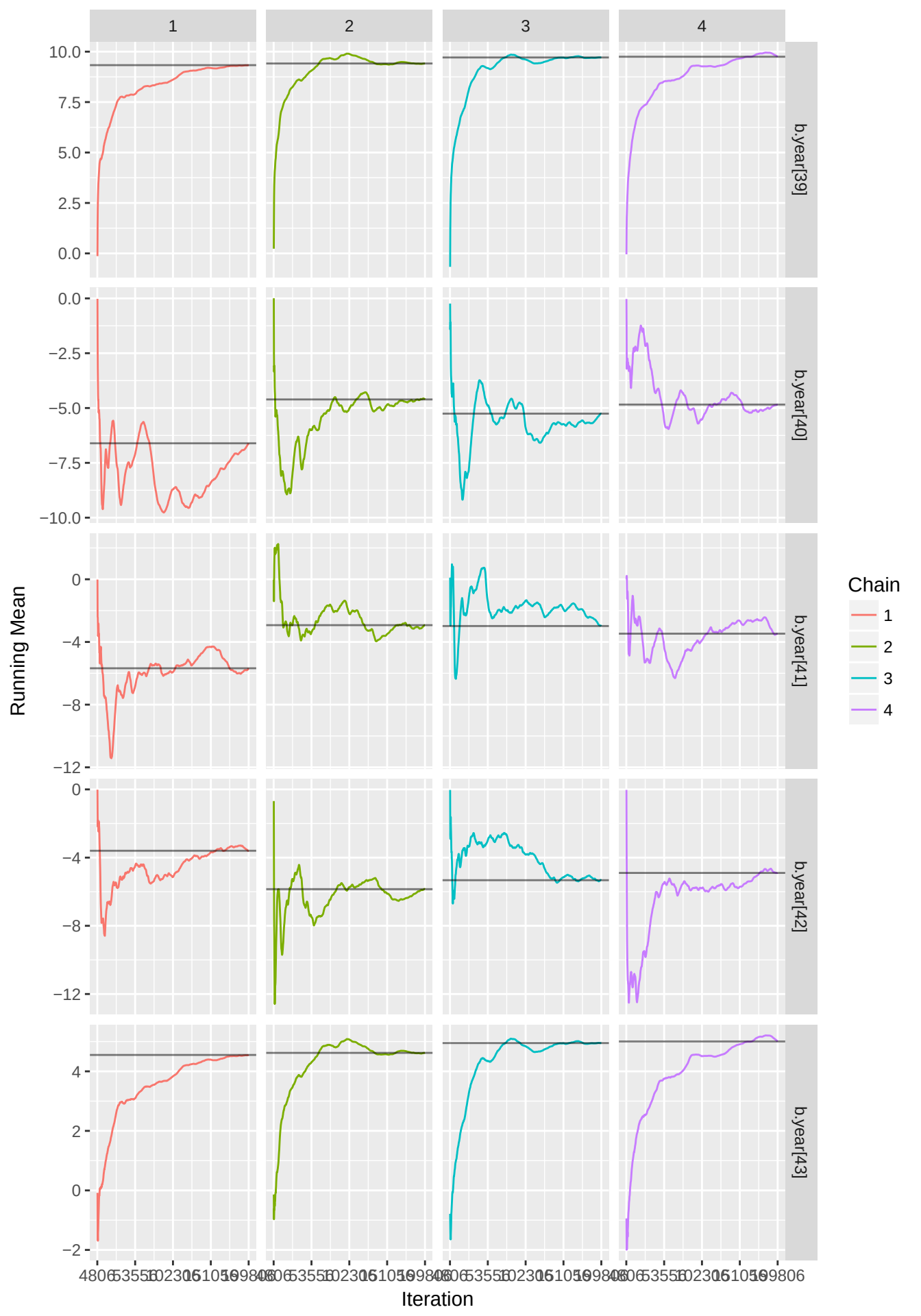
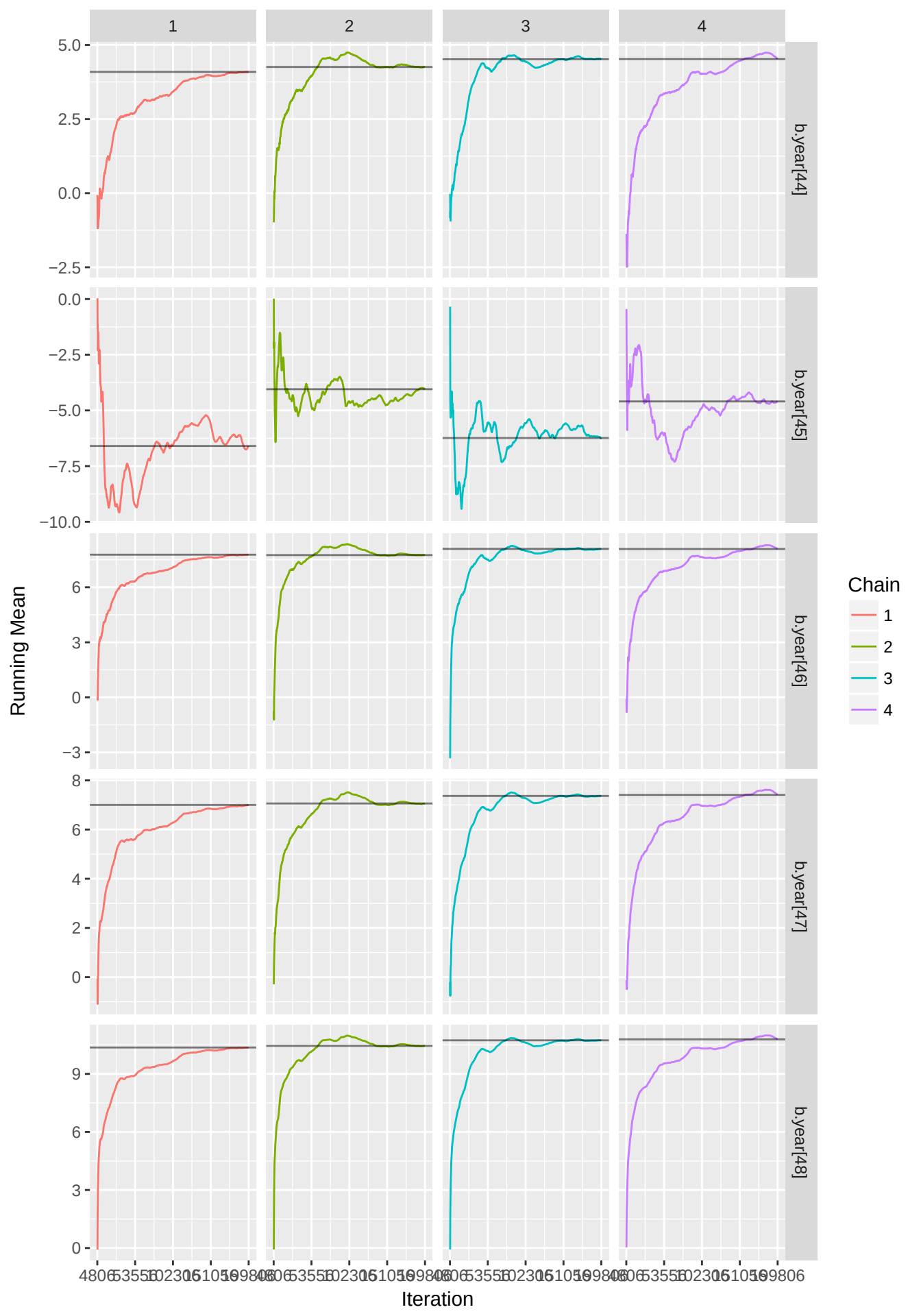
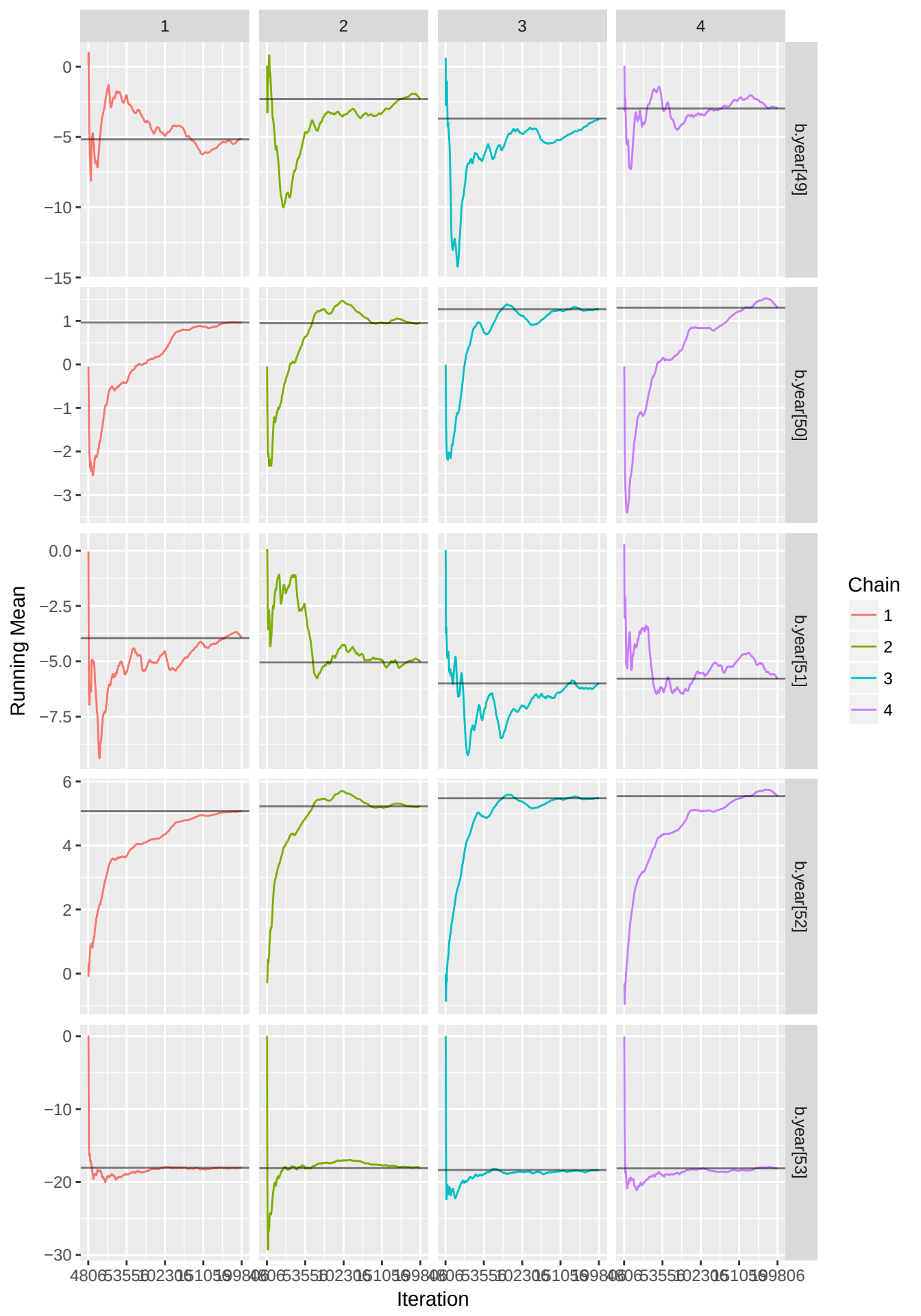
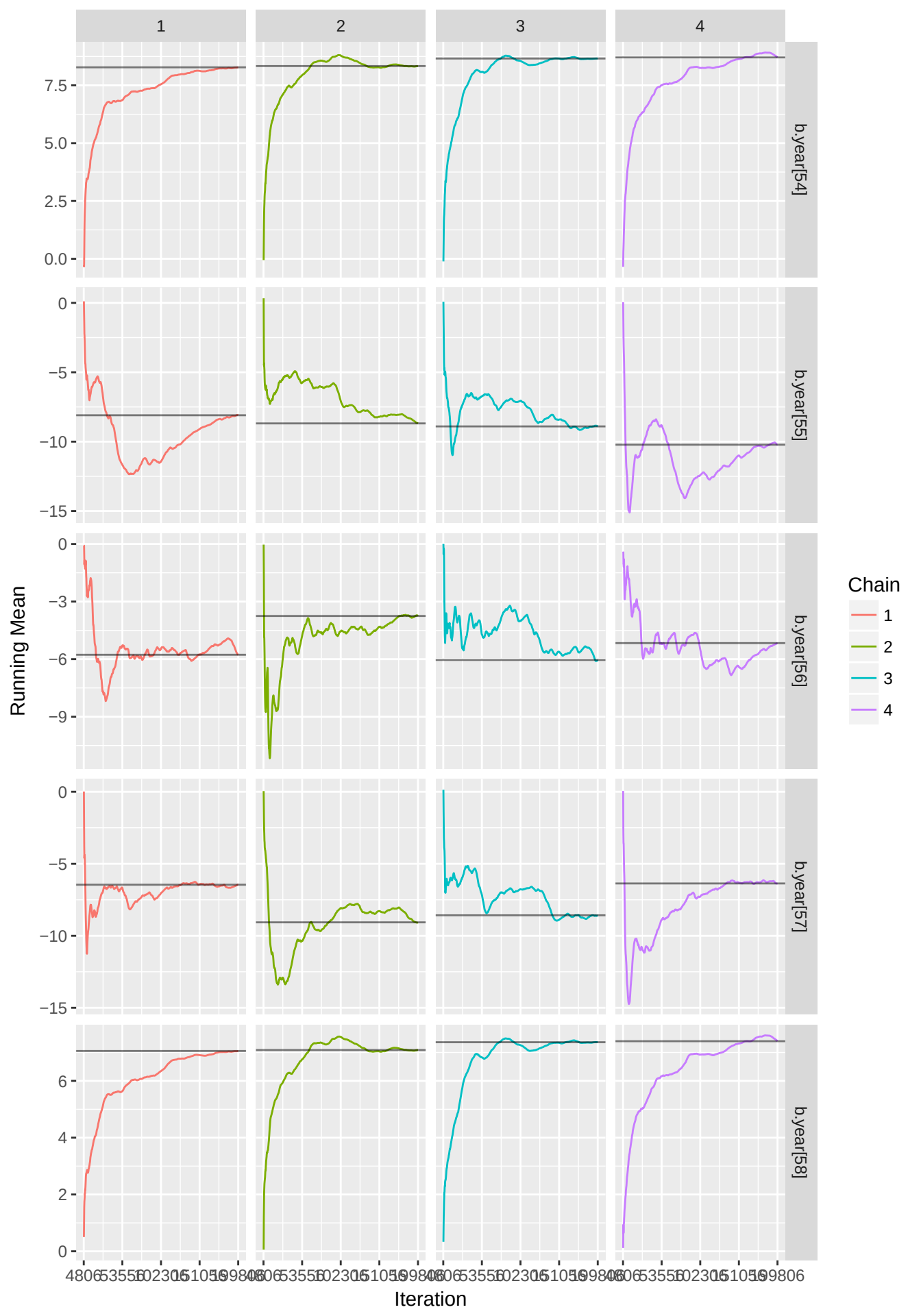
b.year[35]
b.year[36]
b.year[37]
b.year[38]
Running Mean
Iteration
Chain
1
2
3
4


1
2
3
4
b.year[39]
b.year[40]
b.year[41]
b.year[42]
b.year[43]
Running Mean
Iteration
Chain
1
2
3
4


1
2
3
4
b.year[44]
b.year[45]
b.year[46]
b.year[47]
b.year[48]
Running Mean
Iteration
Chain
1
2
3
4


1
2
3
4
b.year[49]
b.year[50]
b.year[51]
b.year[52]
b.year[53]
Running Mean
Iteration
Chain
1
2
3
4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4
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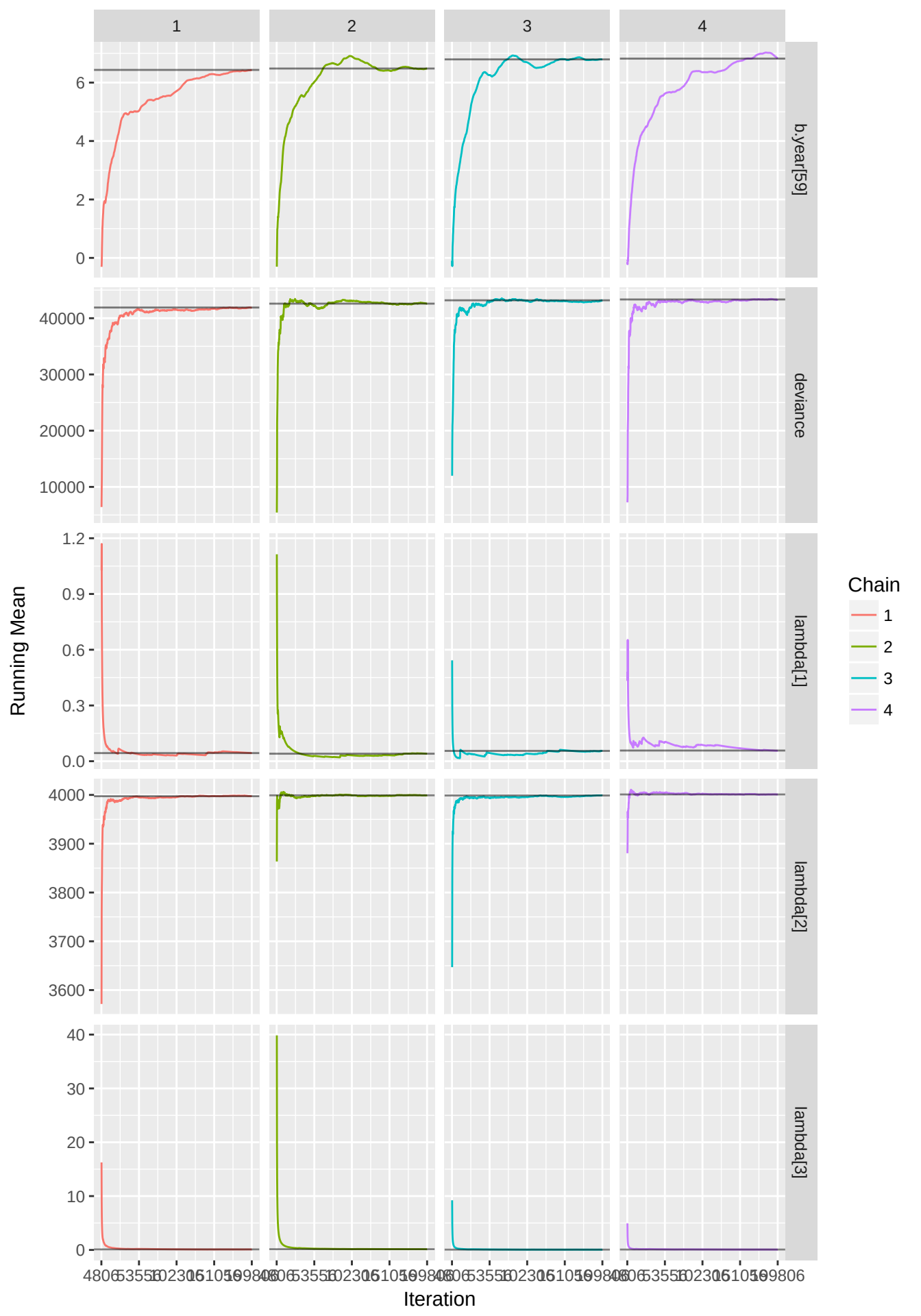
b.year[55]
b.year[56]
b.year[57]
b.year[58]
Running Mean
Iteration
Chain
1
2
3
4


1
2
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4
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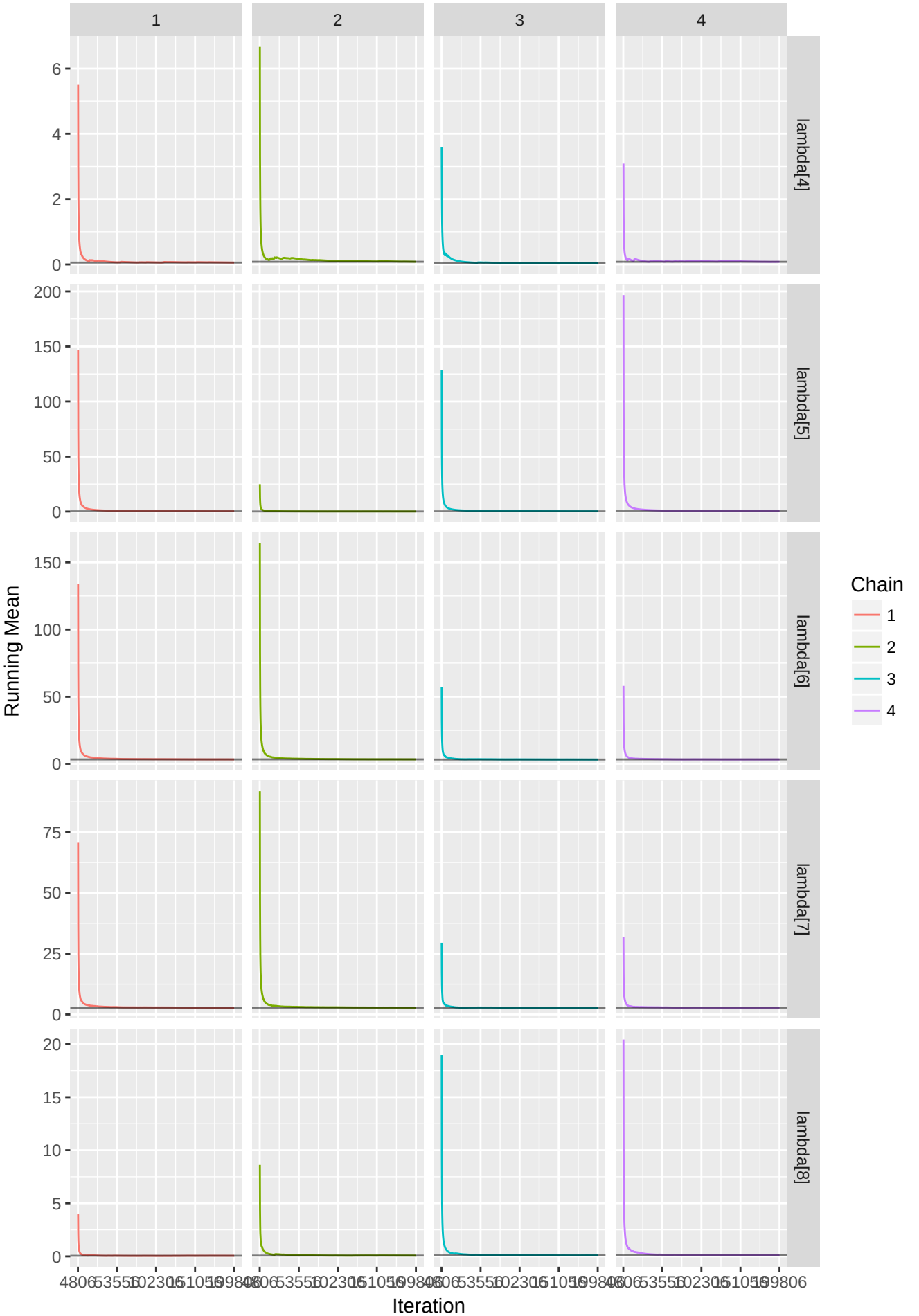
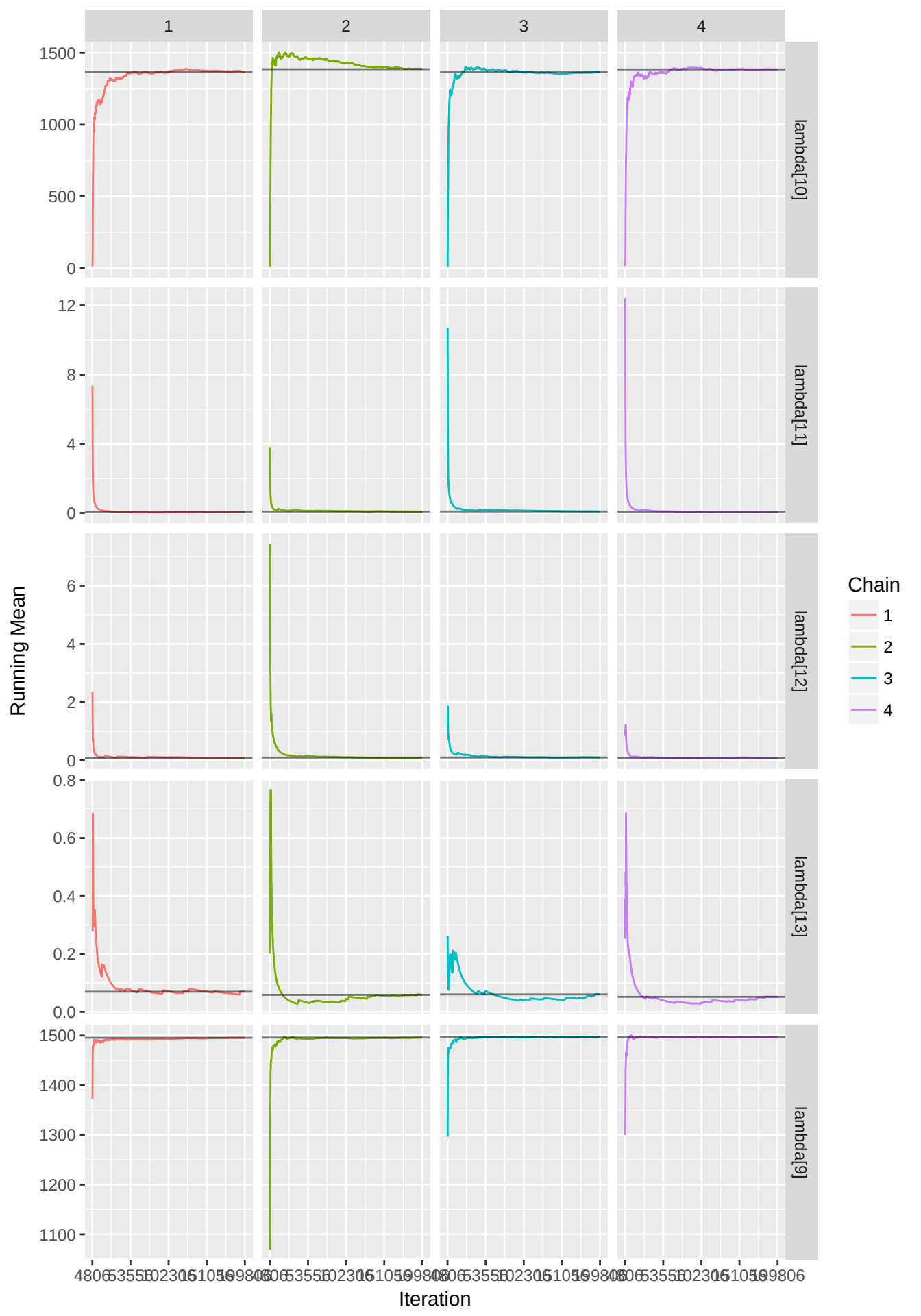
deviance
lambda[1]
lambda[2]
lambda[3]
Running Mean
Iteration
Chain
1
2
3
4


1
2
3
4
lambda[4]
lambda[5]
lambda[6]
lambda[7]
lambda[8]
Running Mean
Iteration
Chain
1
2
3
4


1
2
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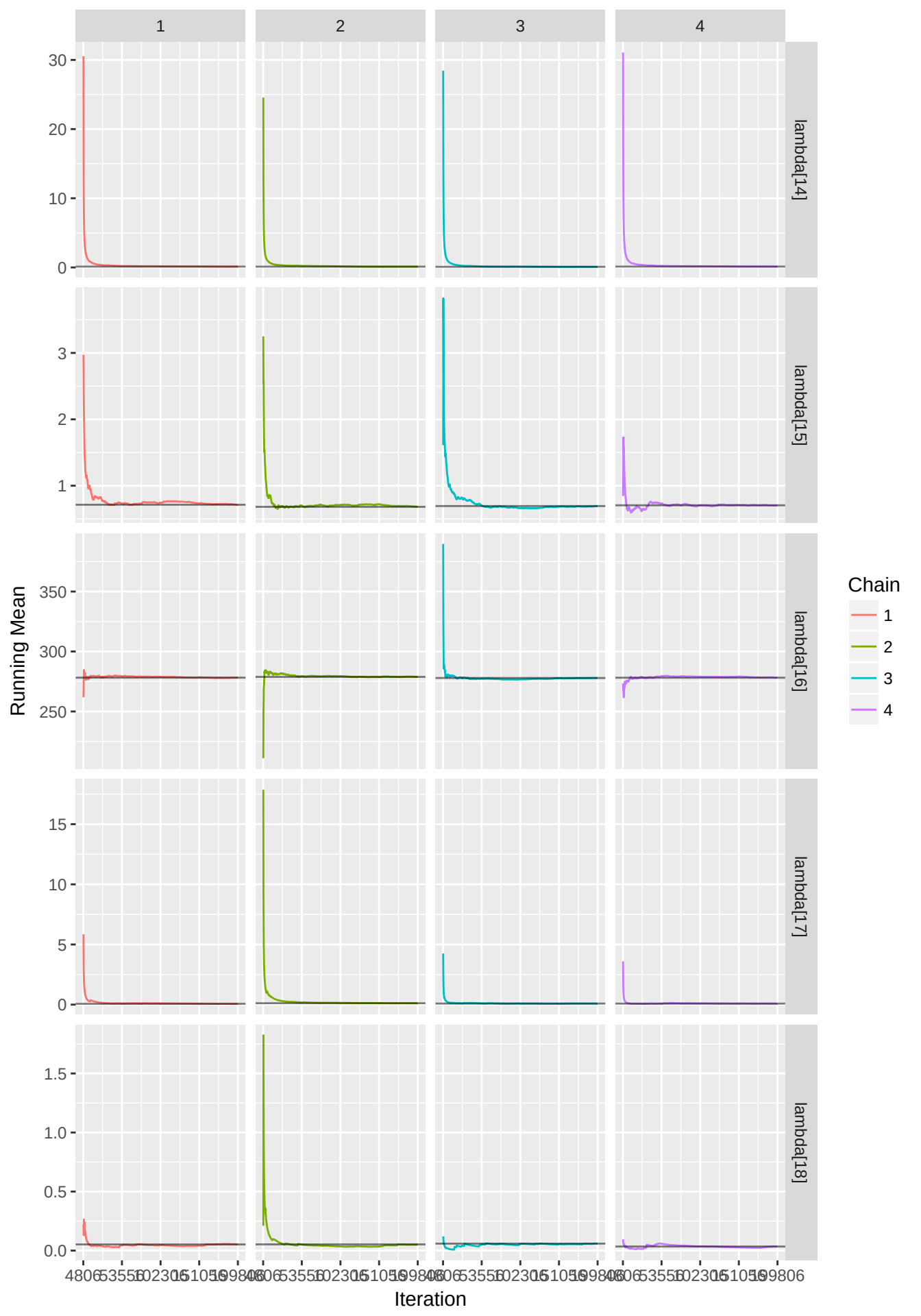
4
lambda[10]
lambda[11]
lambda[12]
lambda[13]
lambda[9]
Running Mean
Iteration
Chain
1
2
3
4


1
2
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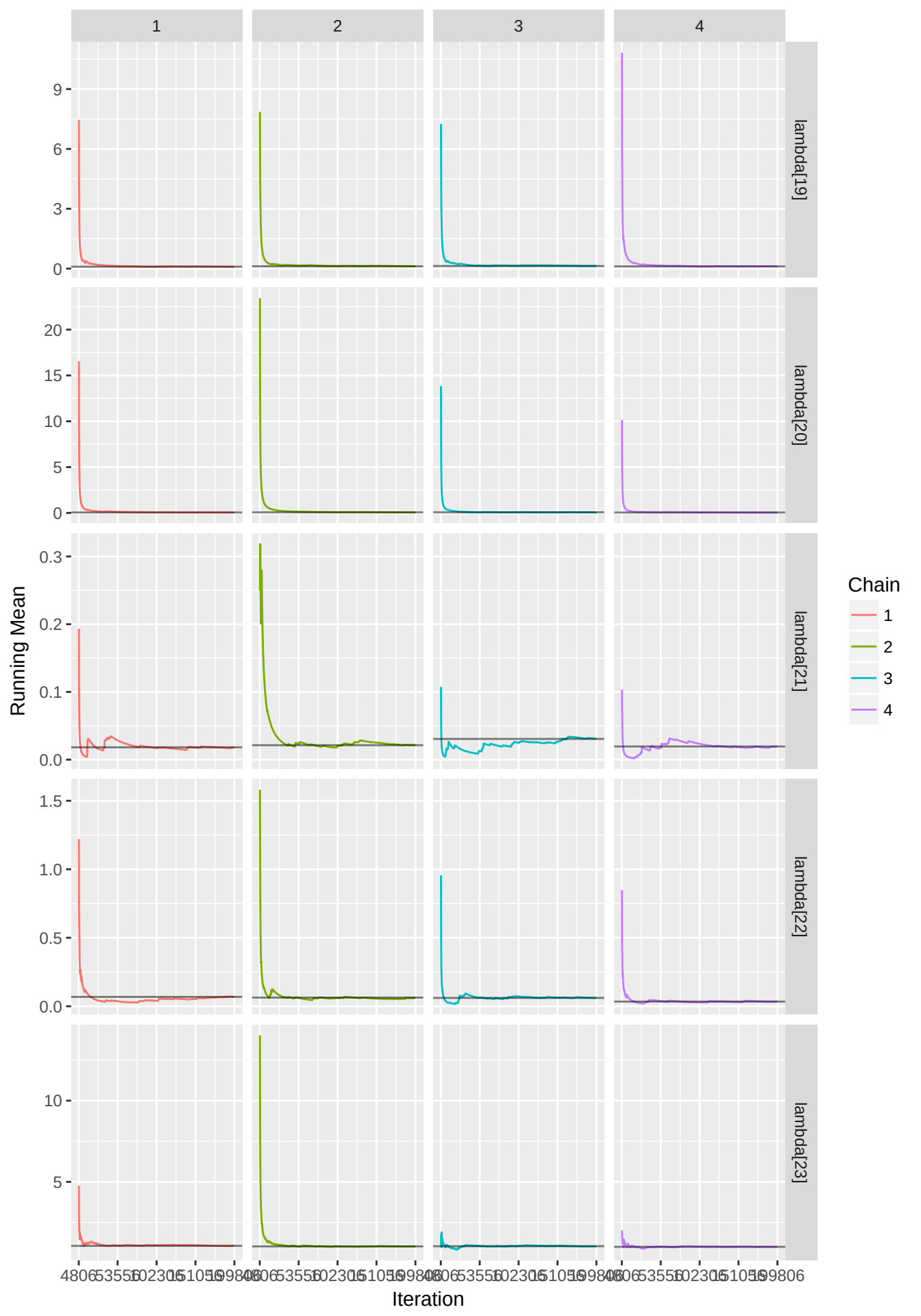
4
lambda[14]
lambda[15]
lambda[16]
lambda[17]
lambda[18]
Running Mean
Iteration
Chain
1
2
3
4


1
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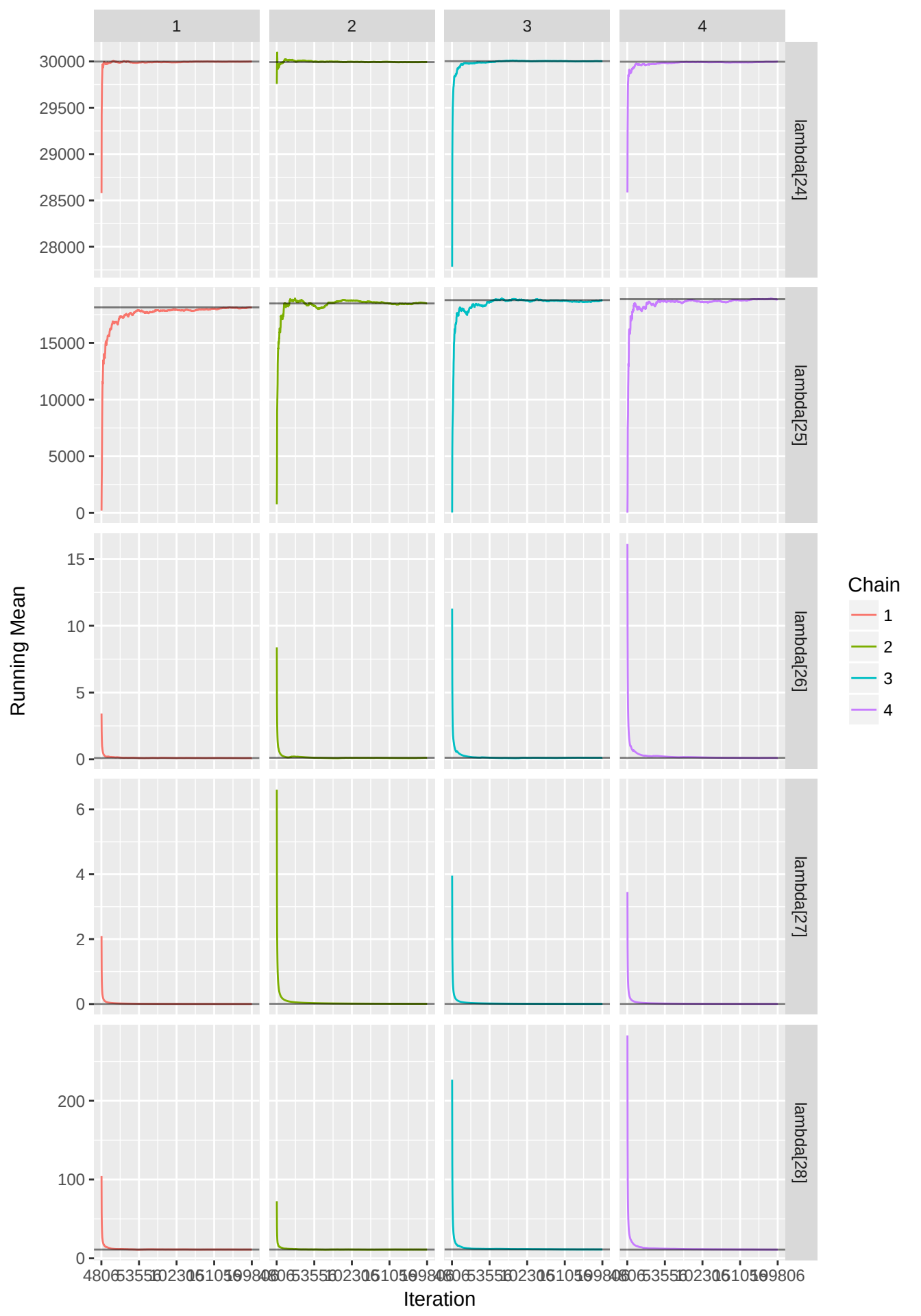
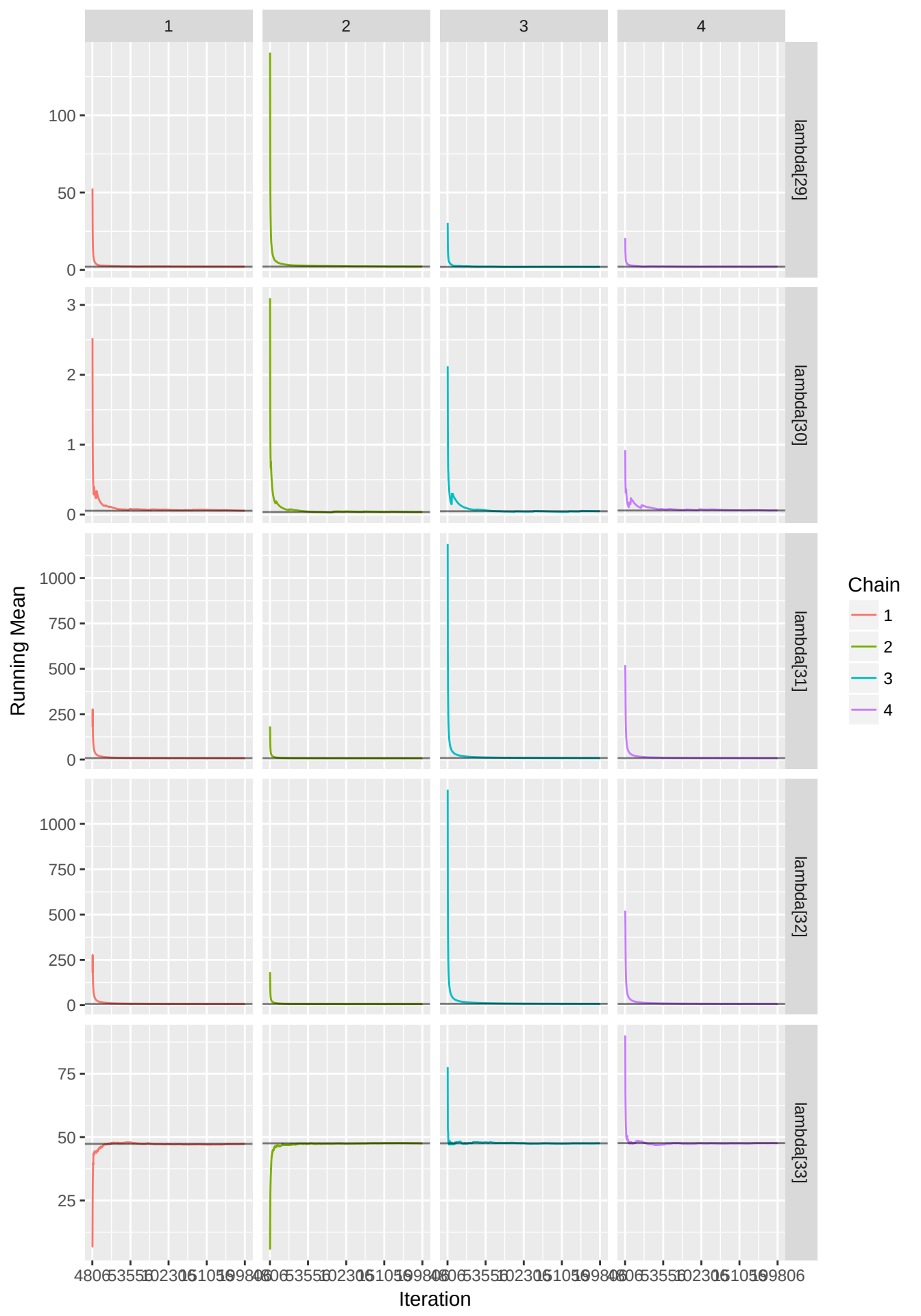
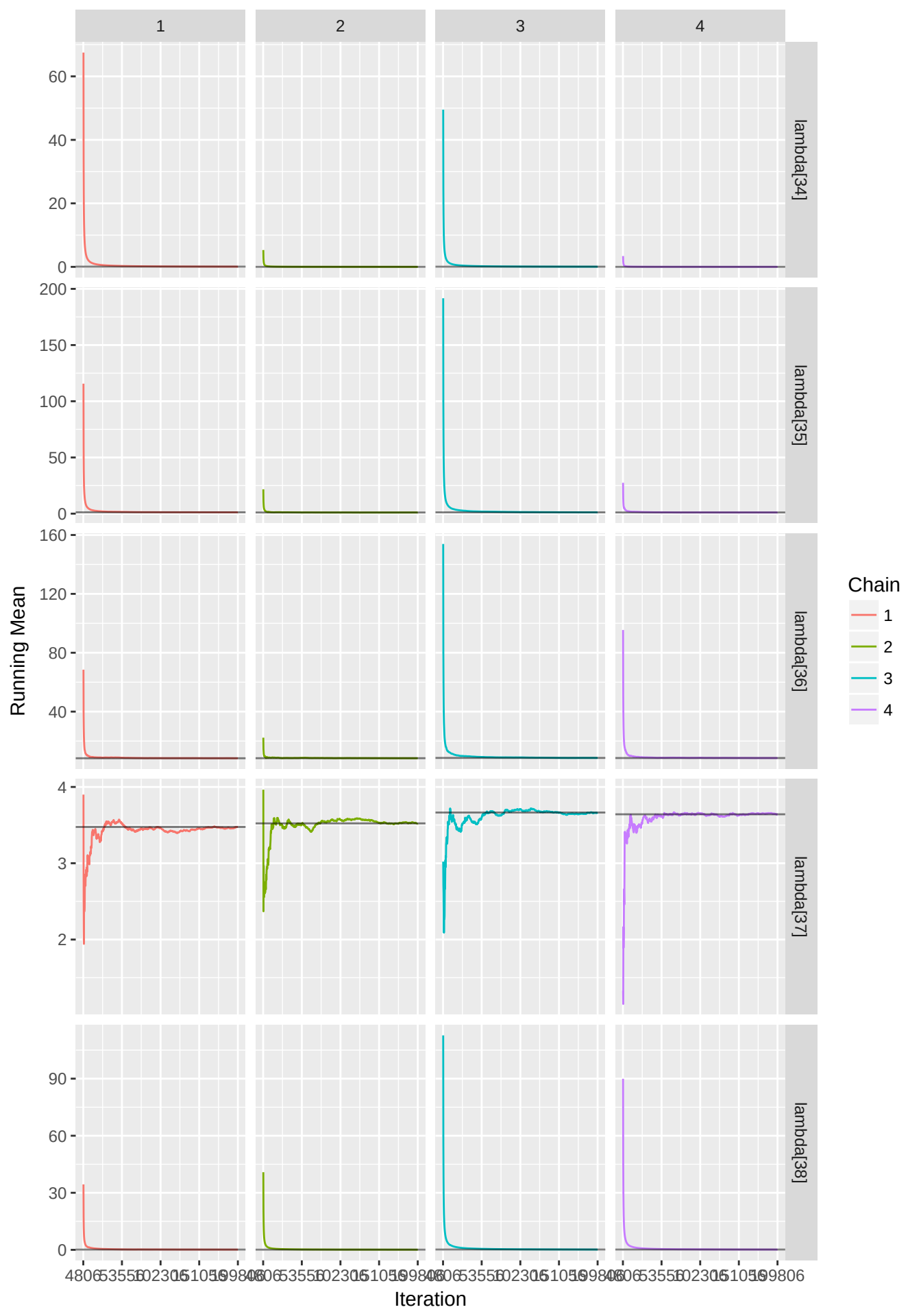
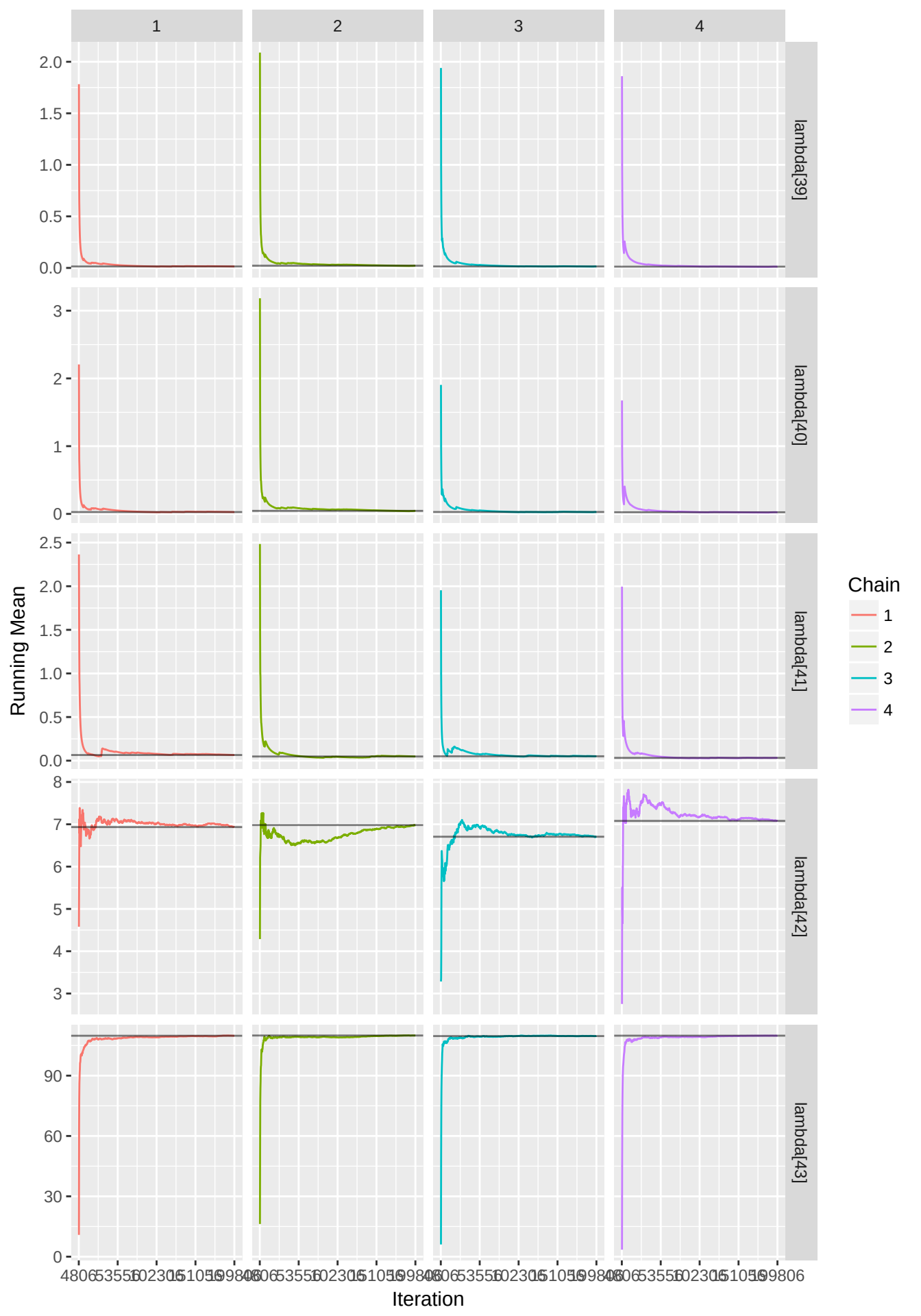
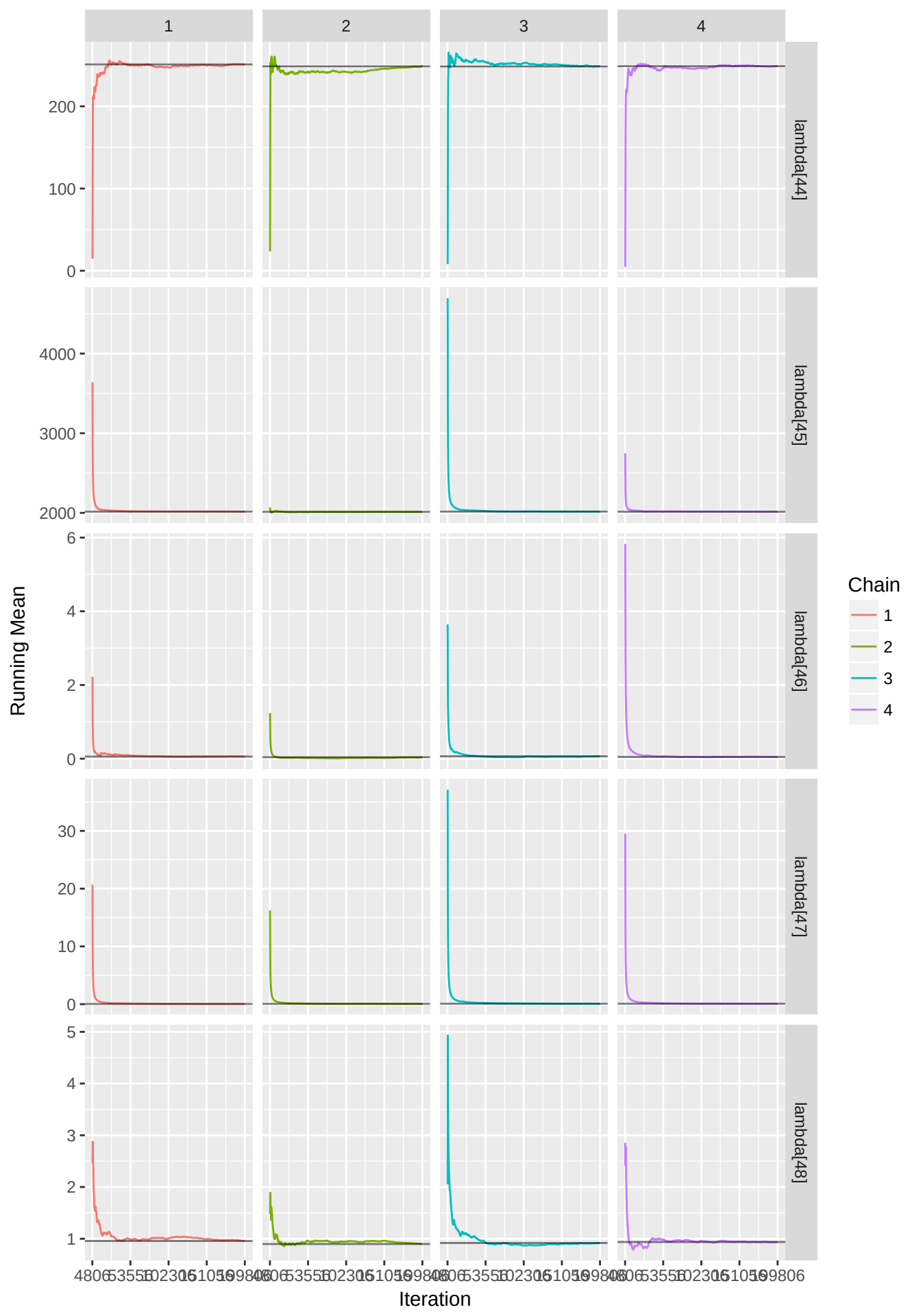
4
lambda[19]
lambda[20]
lambda[21]
lambda[22]
lambda[23]
Running Mean
Iteration
Chain
1
2
3
4

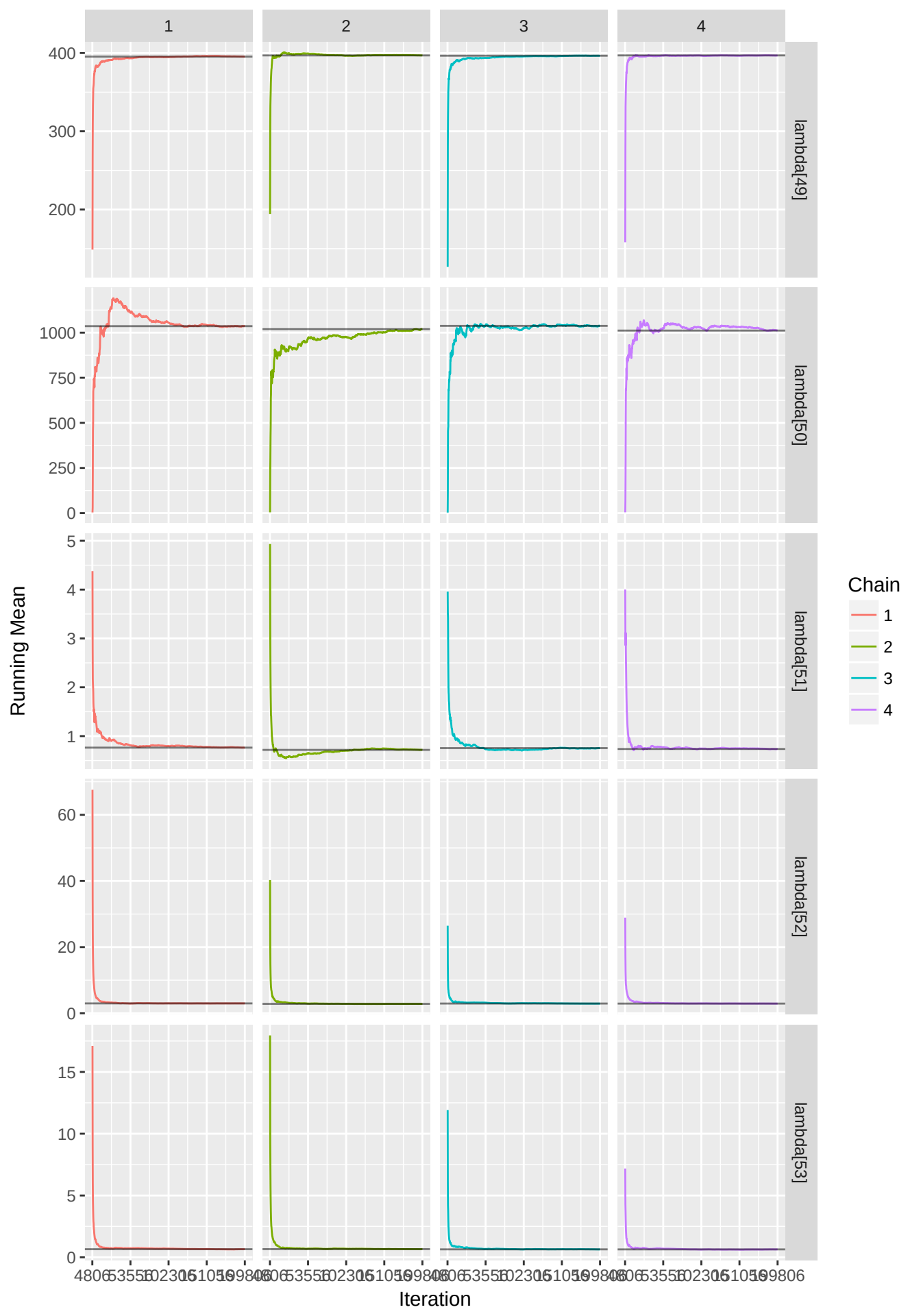

1
2
3
4
lambda[24]
lambda[25]
lambda[26]
lambda[27]
lambda[28]
30000
29500
29000
28500
28000
15000
10000
5000
0
15
10
5
0
6
4
2
0
200
100
0
Running Mean
Iteration
Chain
1
2
3
4

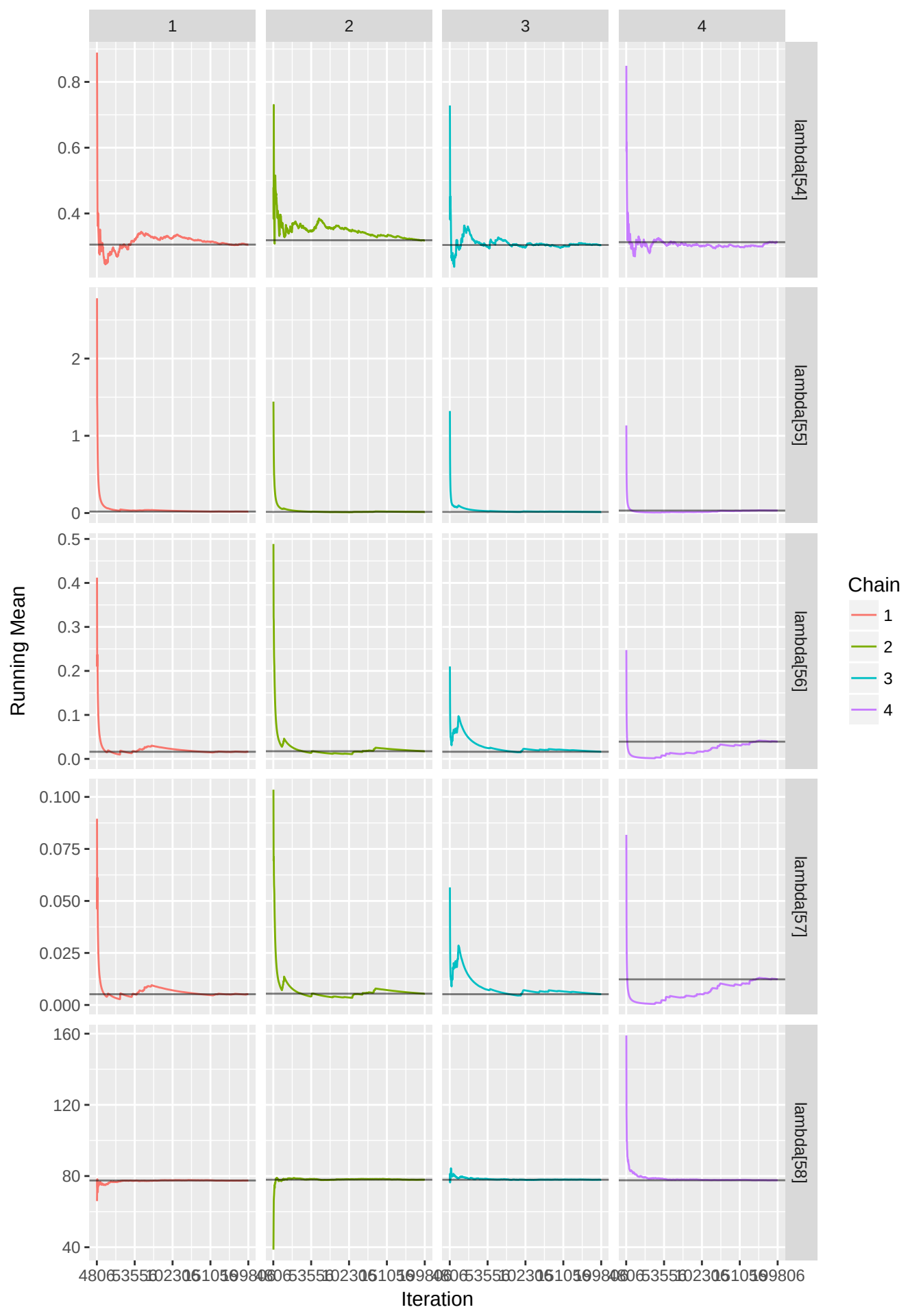

1
2
3
4
lambda[29]
lambda[30]
lambda[31]
lambda[32]
lambda[33]
Running Mean
Iteration
Chain
1
2
3
4

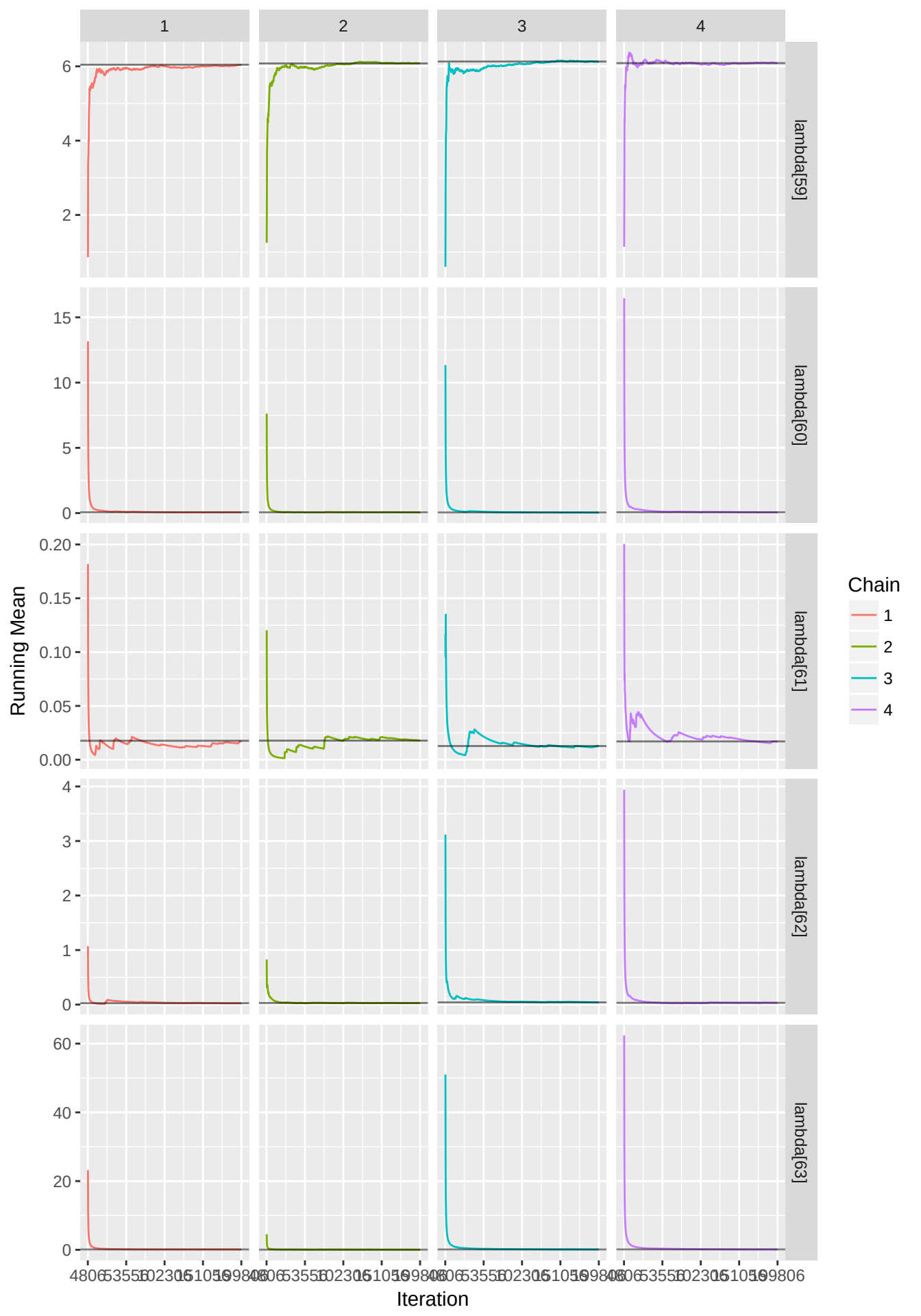

1
2
3
4
lambda[34]
lambda[35]
lambda[36]
lambda[37]
lambda[38]
Running Mean
Iteration
Chain
1
2
3
4

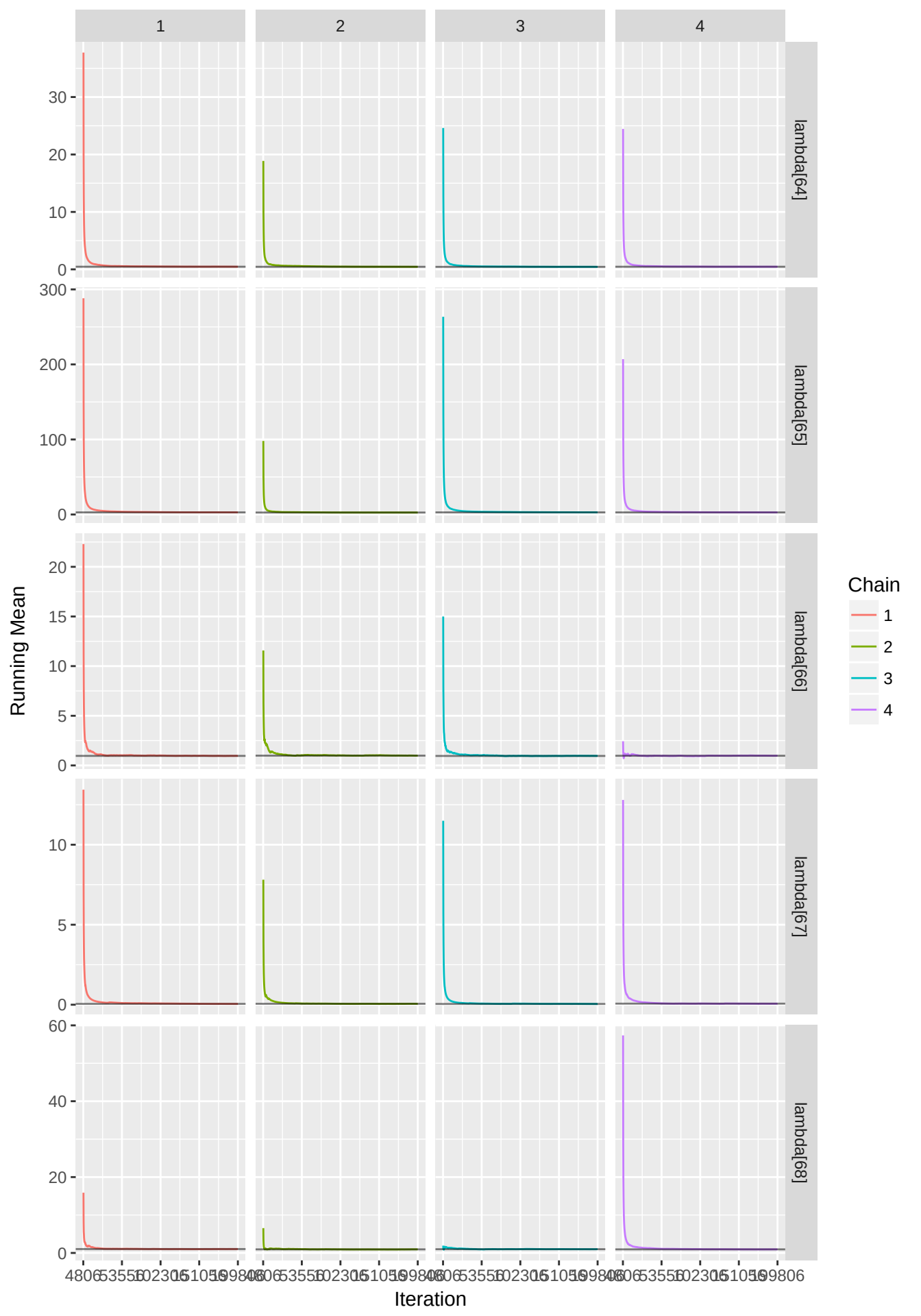

1
2
3
4
lambda[39]
lambda[40]
lambda[41]
lambda[42]
lambda[43]
Running Mean
Iteration
Chain
1
2
3
4

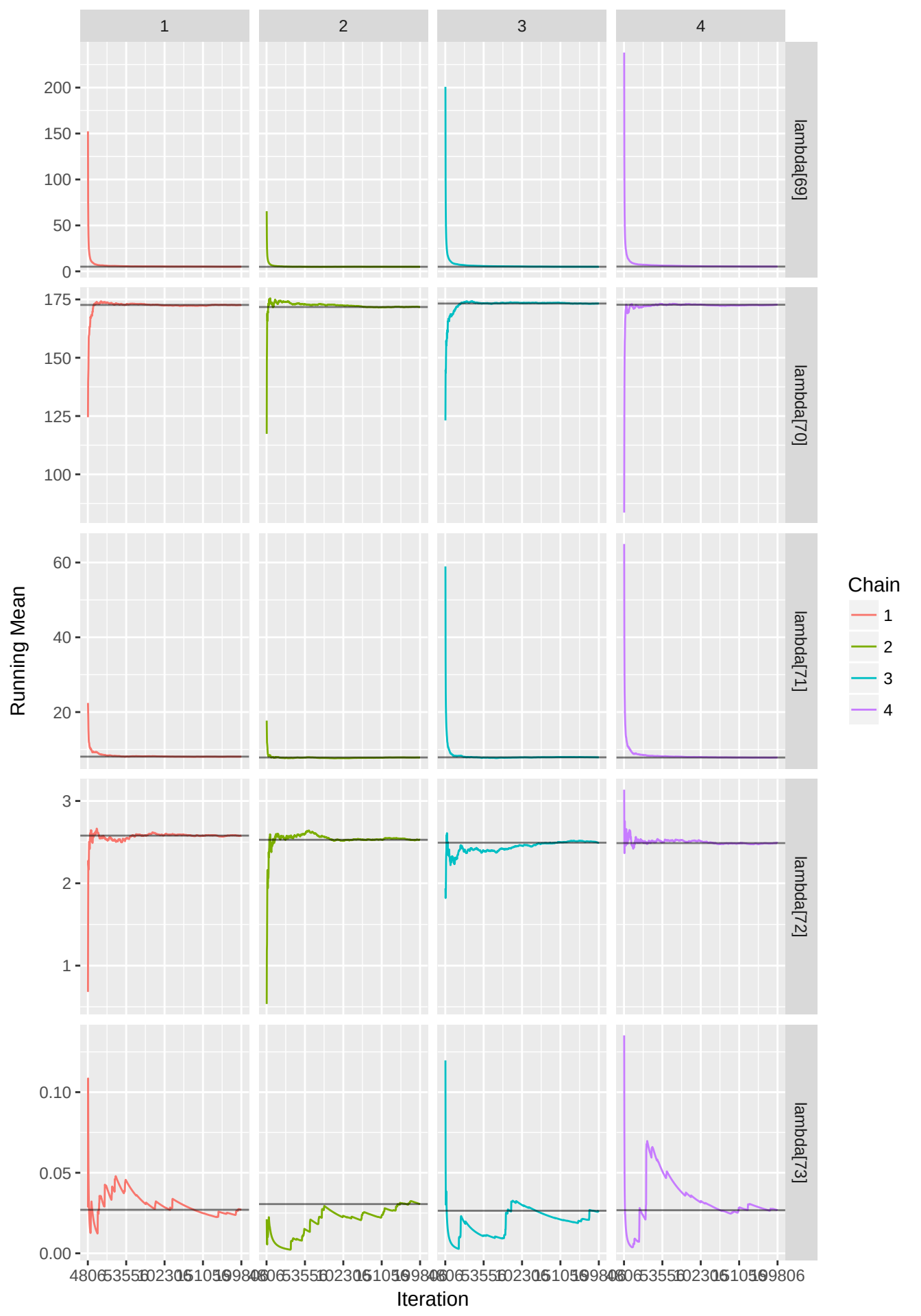

1
2
3
4
lambda[44]
lambda[45]
lambda[46]
lambda[47]
lambda[48]
Running Mean
Iteration
Chain
1
2
3
4

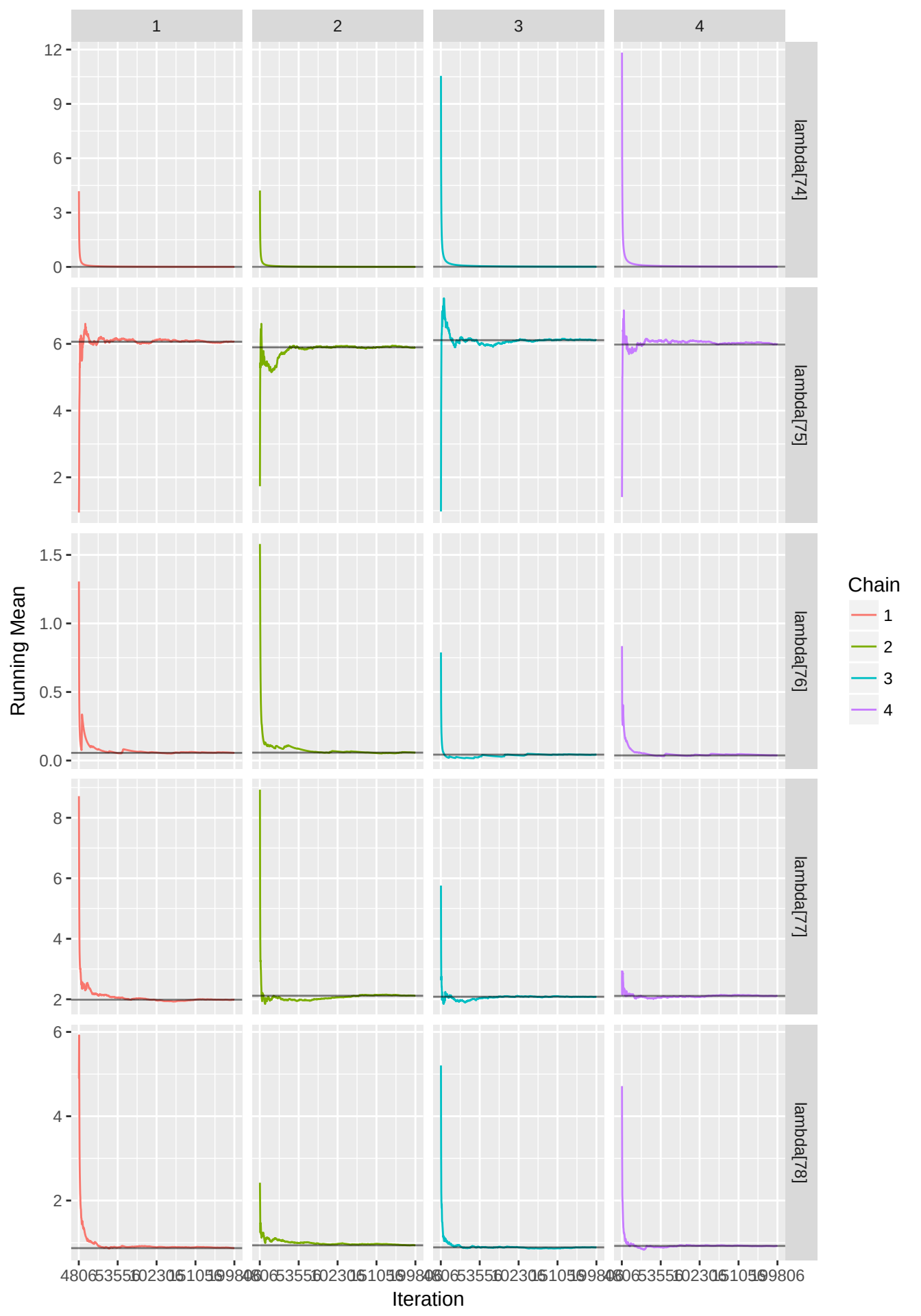

1
2
3
4
lambda[49]
lambda[50]
lambda[51]
lambda[52]
lambda[53]
Running Mean
Iteration
Chain
1
2
3
4

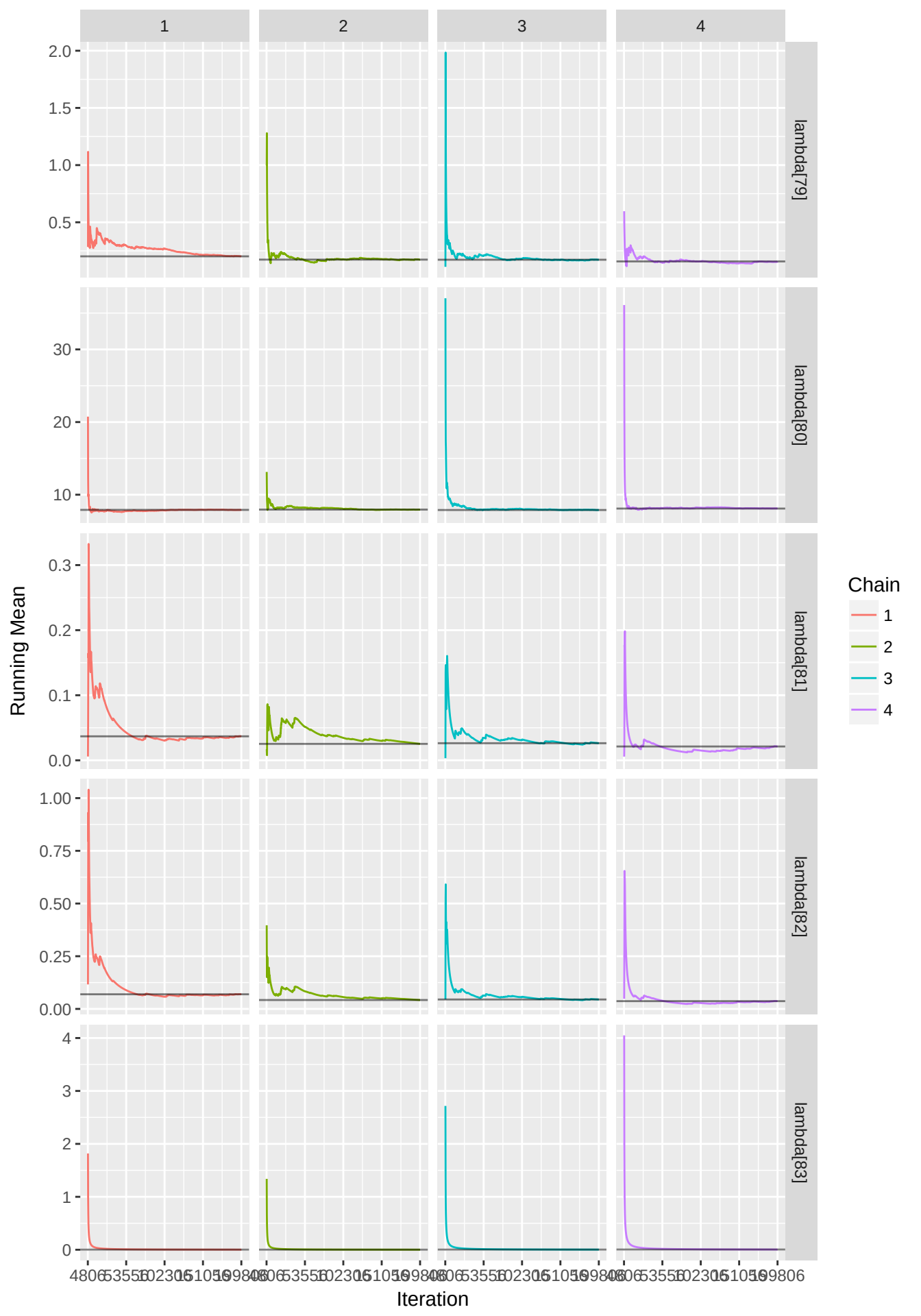

1
2
3
4
lambda[54]
lambda[55]
lambda[56]
lambda[57]
lambda[58]
Running Mean
Iteration
Chain
1
2
3
4

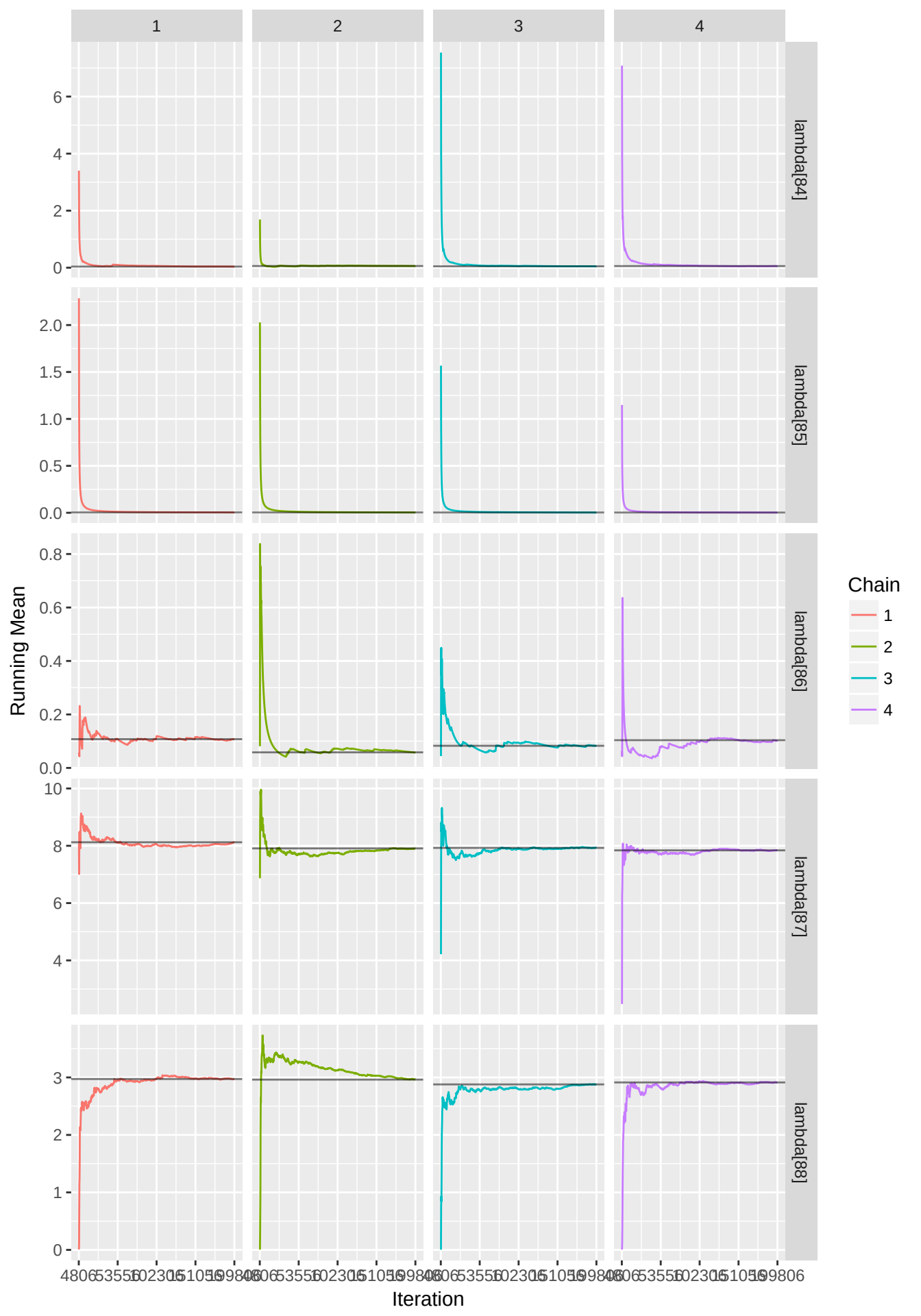

1
2
3
4
lambda[59]
lambda[60]
lambda[61]
lambda[62]
lambda[63]
Running Mean
Iteration
Chain
1
2
3
4

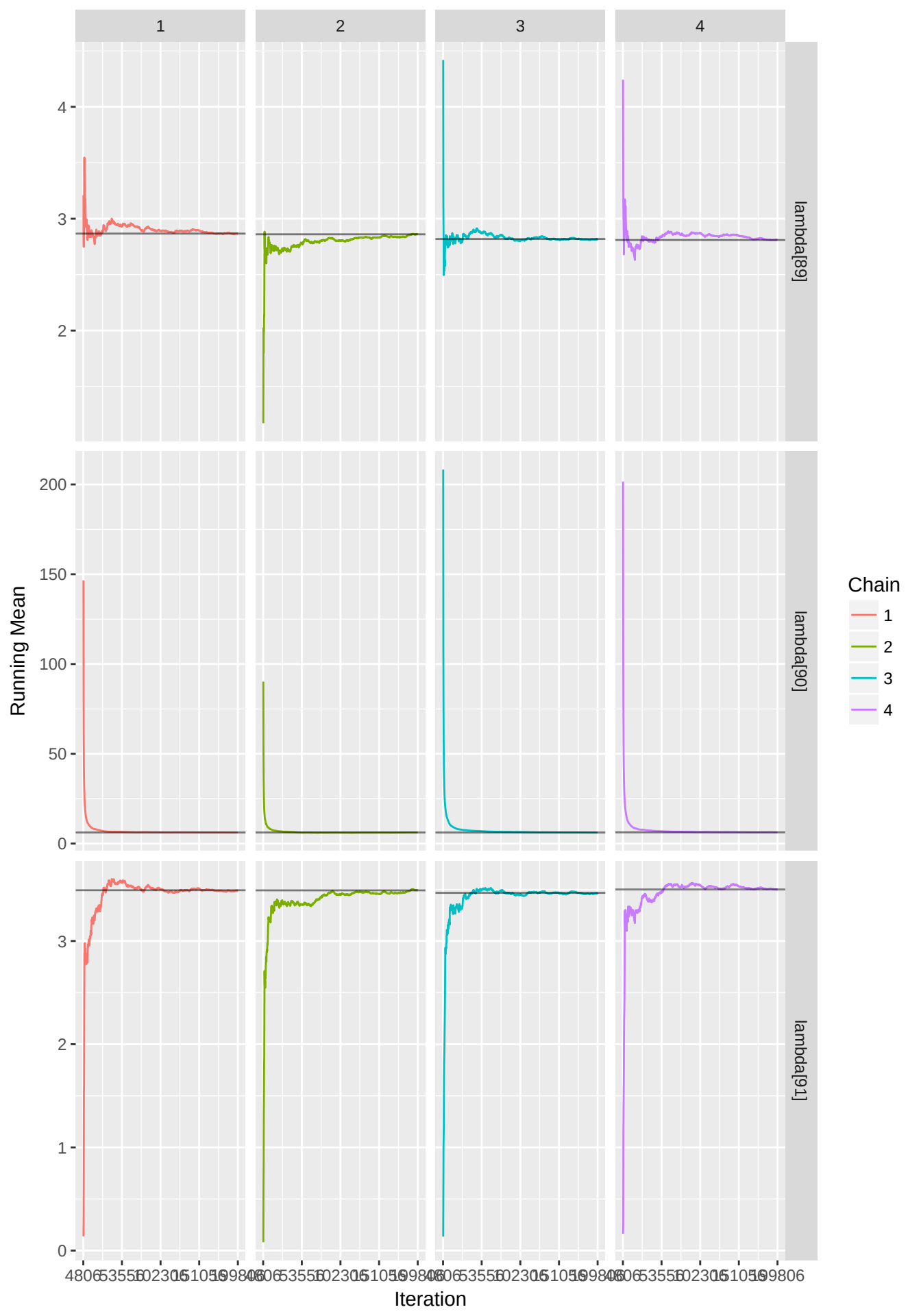

1
2
3
4
lambda[64]
lambda[65]
lambda[66]
lambda[67]
lambda[68]
Running Mean
Iteration
Chain
1
2
3
4

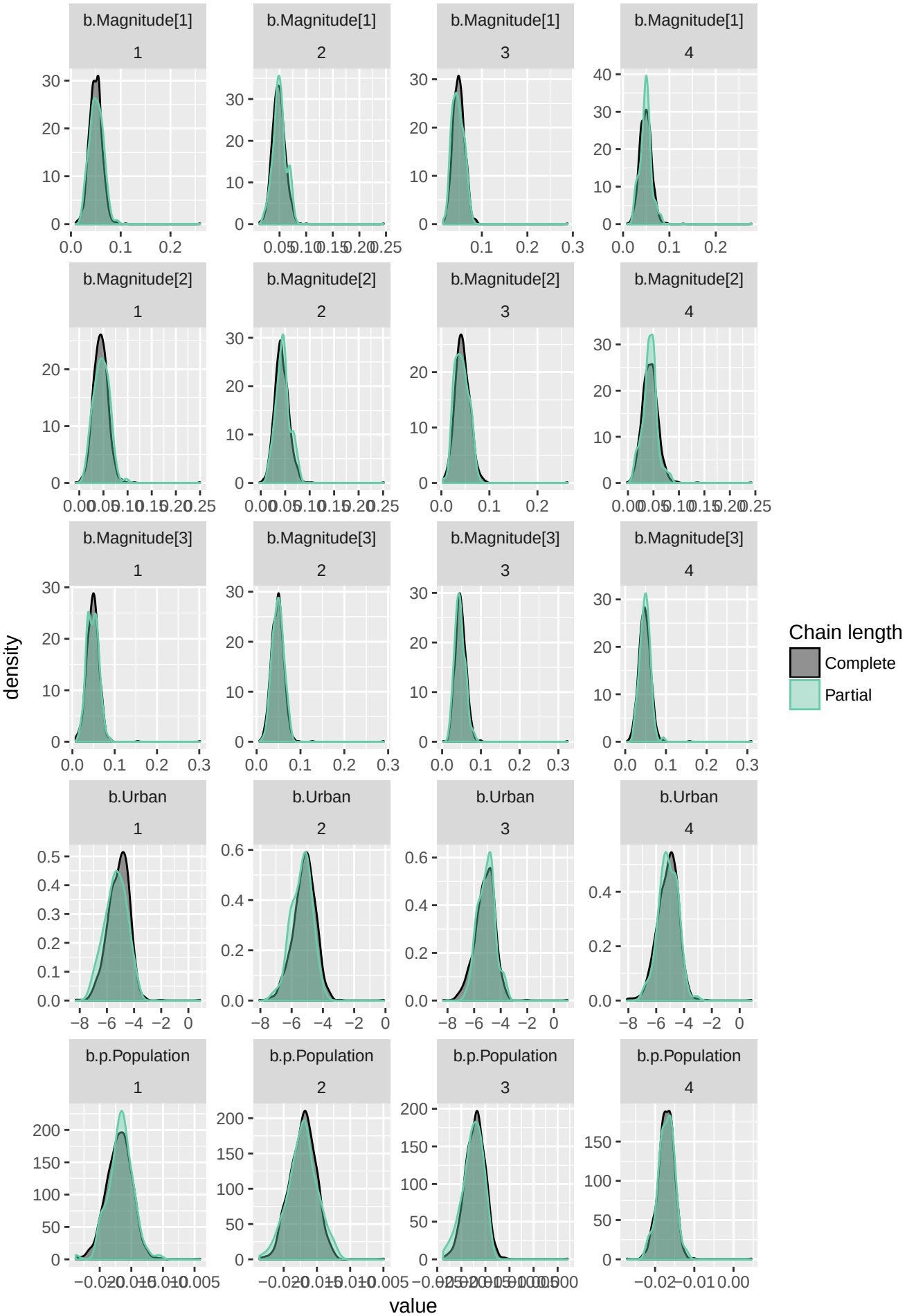

1
2
3
4
lambda[69]
lambda[70]
lambda[71]
lambda[72]
lambda[73]
Running Mean
Iteration
Chain
1
2
3
4

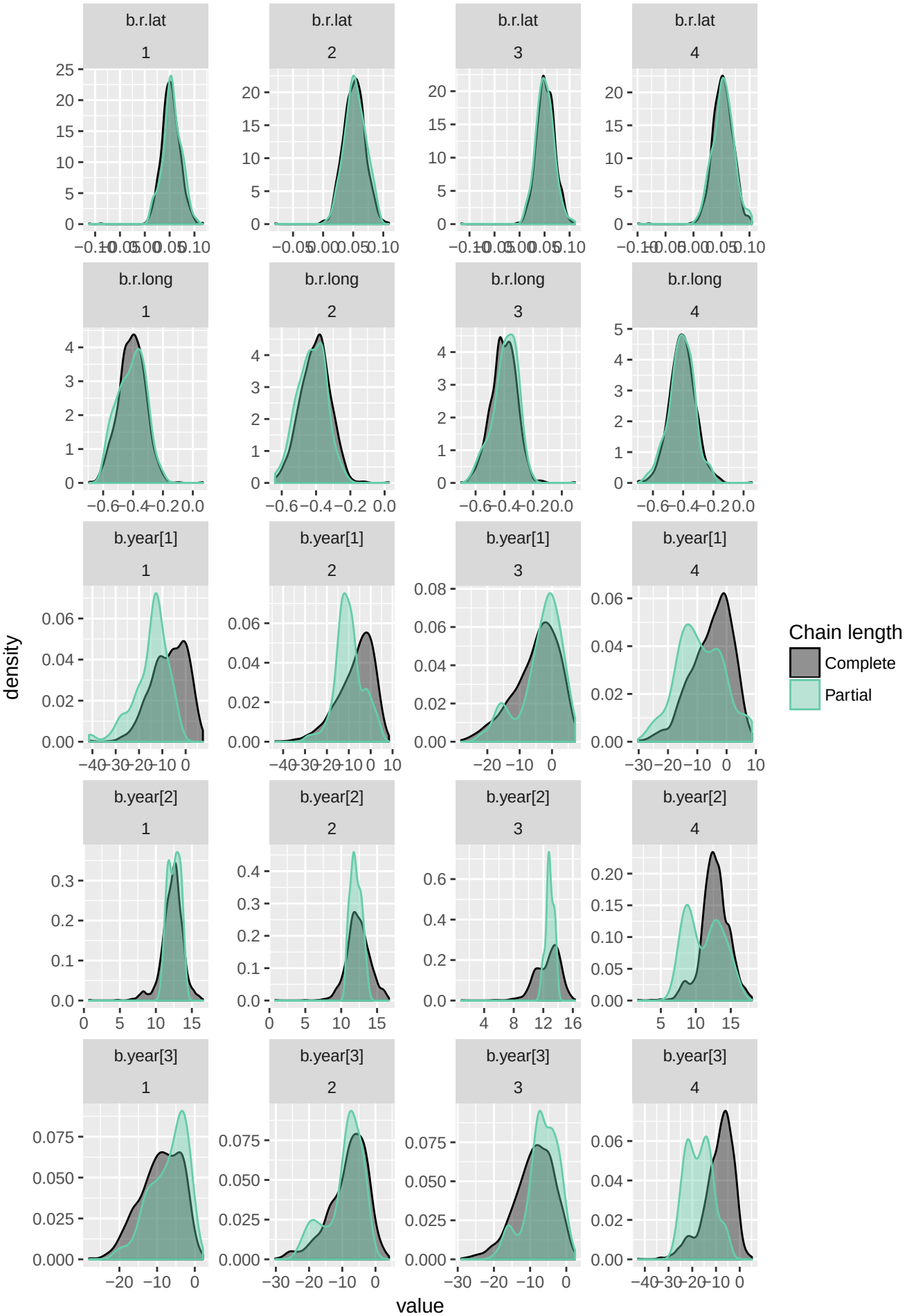

1
2
3
4
lambda[74]
lambda[75]
lambda[76]
lambda[77]
lambda[78]
Running Mean
Iteration
Chain
1
2
3
4

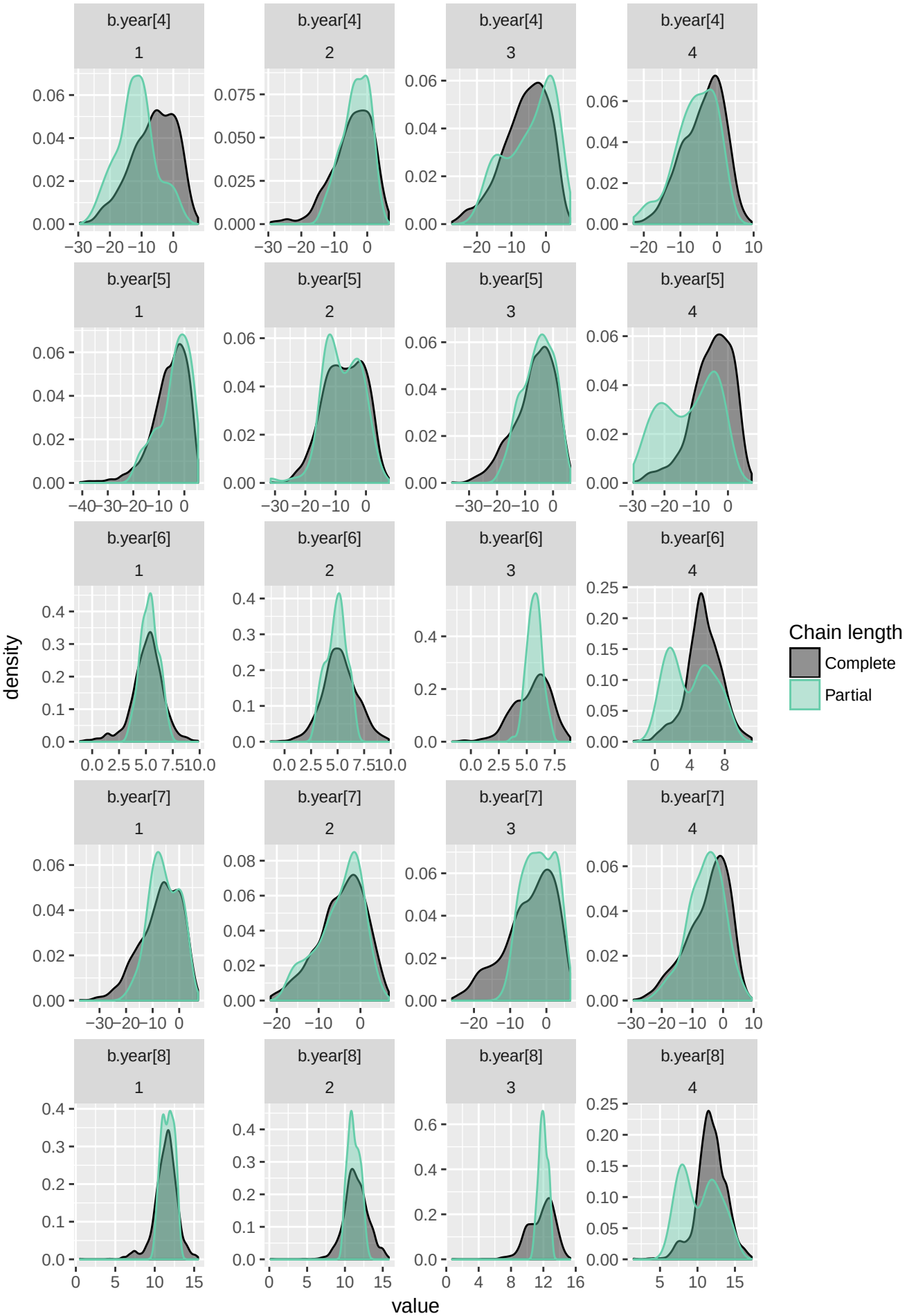

1
2
3
4
lambda[79]
lambda[80]
lambda[81]
lambda[82]
lambda[83]
Running Mean
Iteration
Chain
1
2
3
4

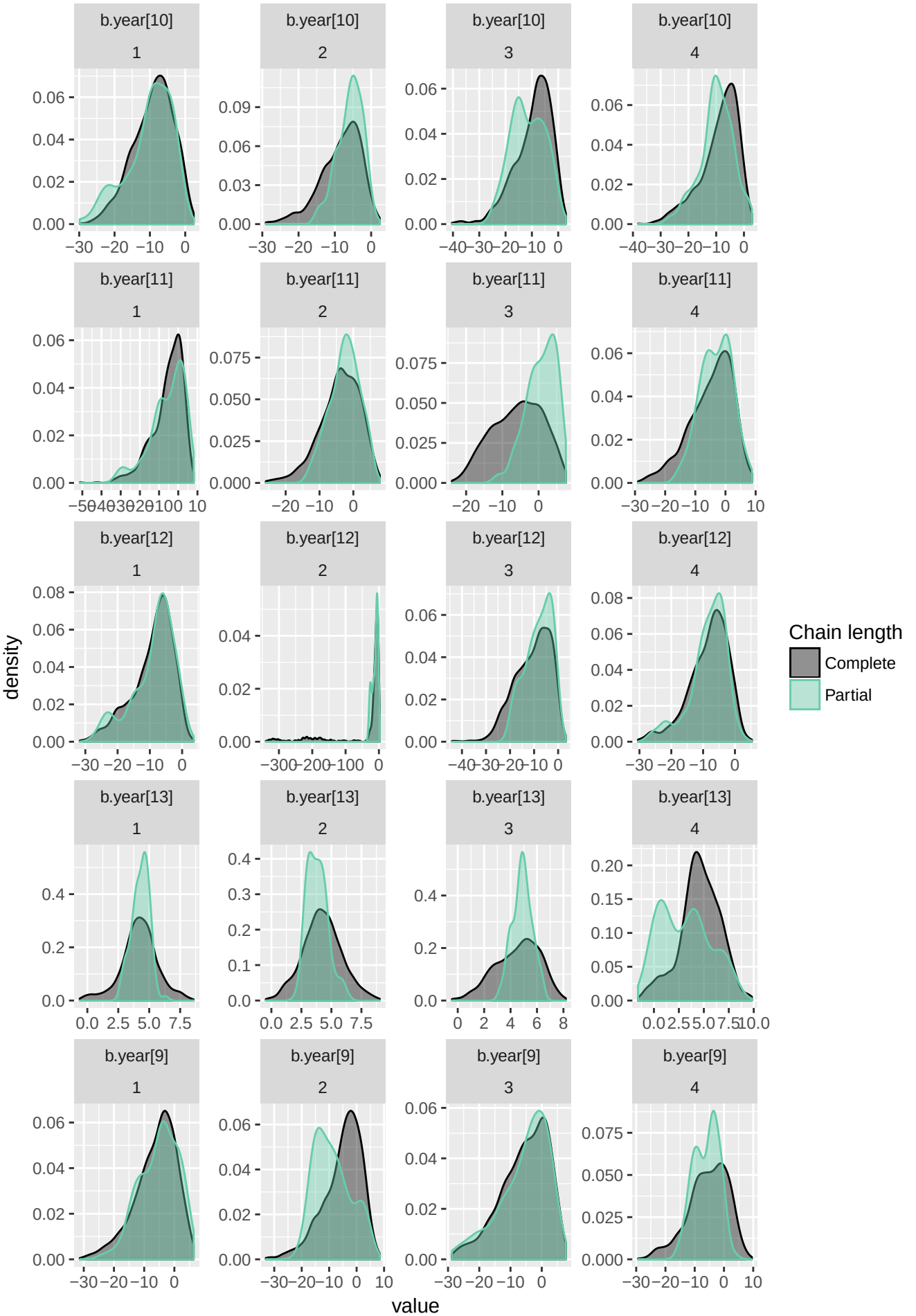

1
2
3
4
lambda[84]
lambda[85]
lambda[86]
lambda[87]
lambda[88]
Running Mean
Iteration
Chain
1
2
3
4

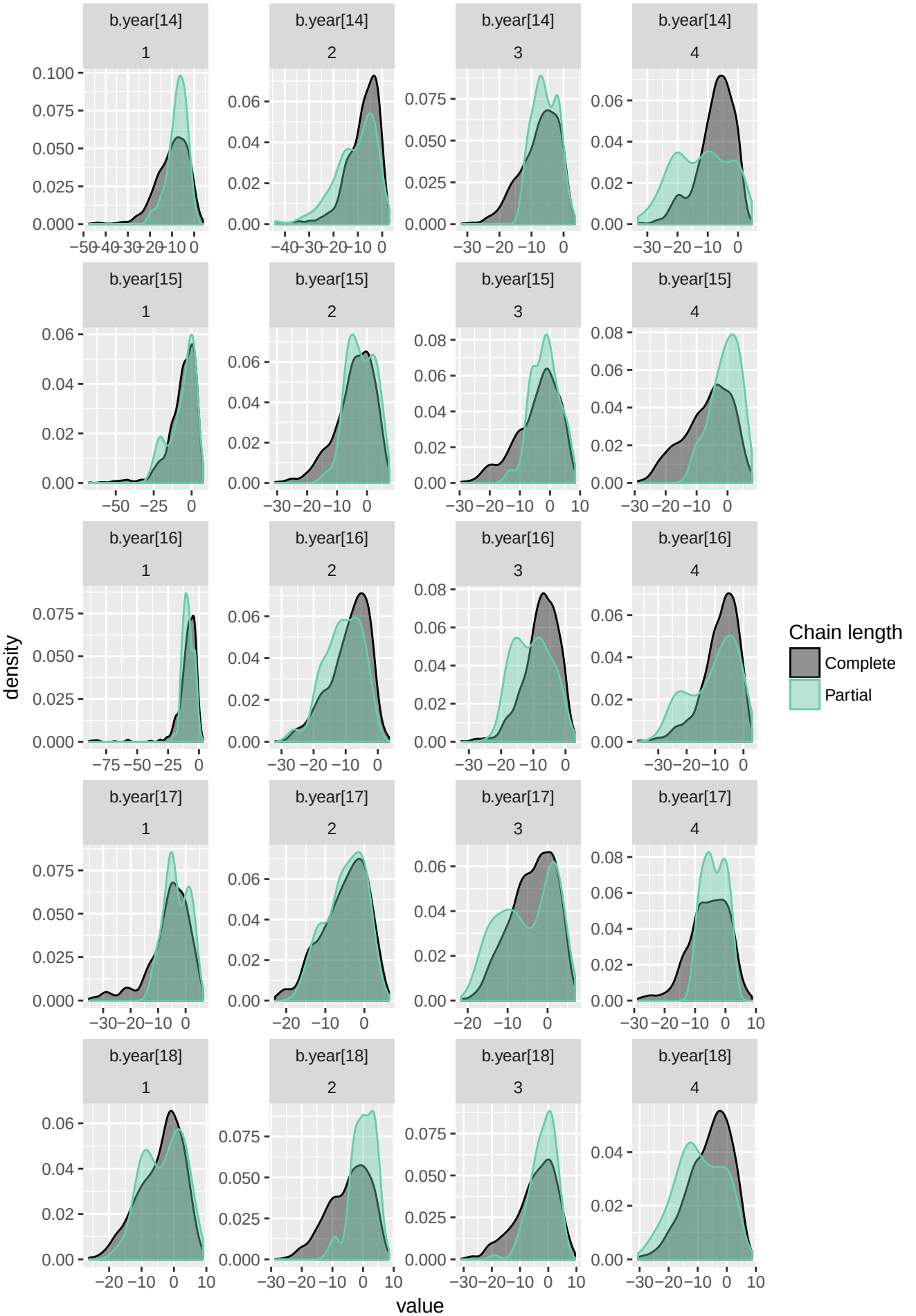

1
2
3
4
lambda[89]
lambda[90]
lambda[91]
Running Mean
Iteration
Chain
1
2
3
4

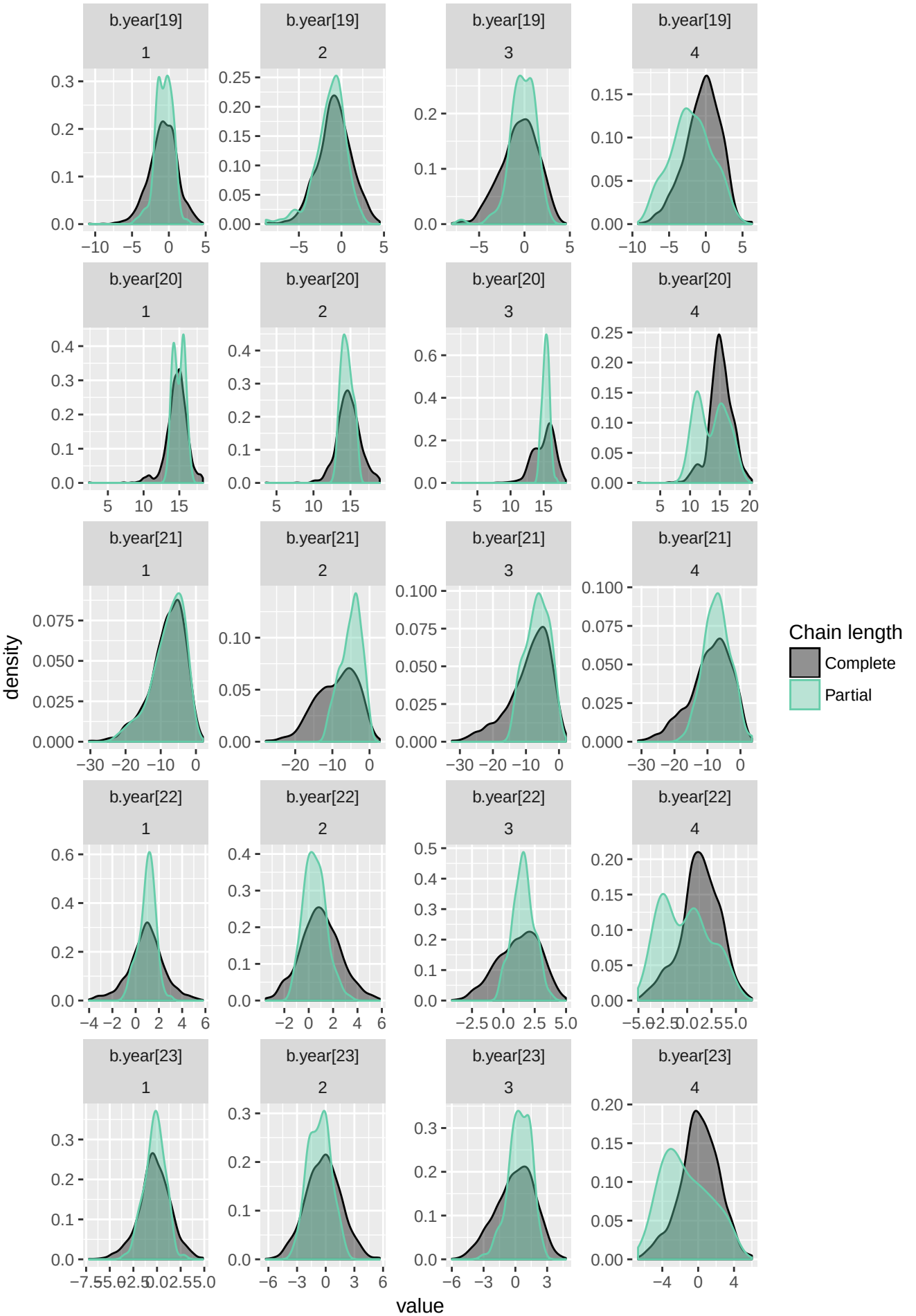

b.Magnitude[1]
1
b.Magnitude[1]
2
b.Magnitude[1]
3
b.Magnitude[1]
4
b.Magnitude[2]
1
b.Magnitude[2]
2
b.Magnitude[2]
3
b.Magnitude[2]
4
b.Magnitude[3]
1
b.Magnitude[3]
2
b.Magnitude[3]
3
b.Magnitude[3]
4
b.Urban
1
b.Urban
2
b.Urban
3
b.Urban
4
b.p.Population
1
b.p.Population
2
b.p.Population
3
b.p.Population
4
density
value
Chain length
Complete
Partial

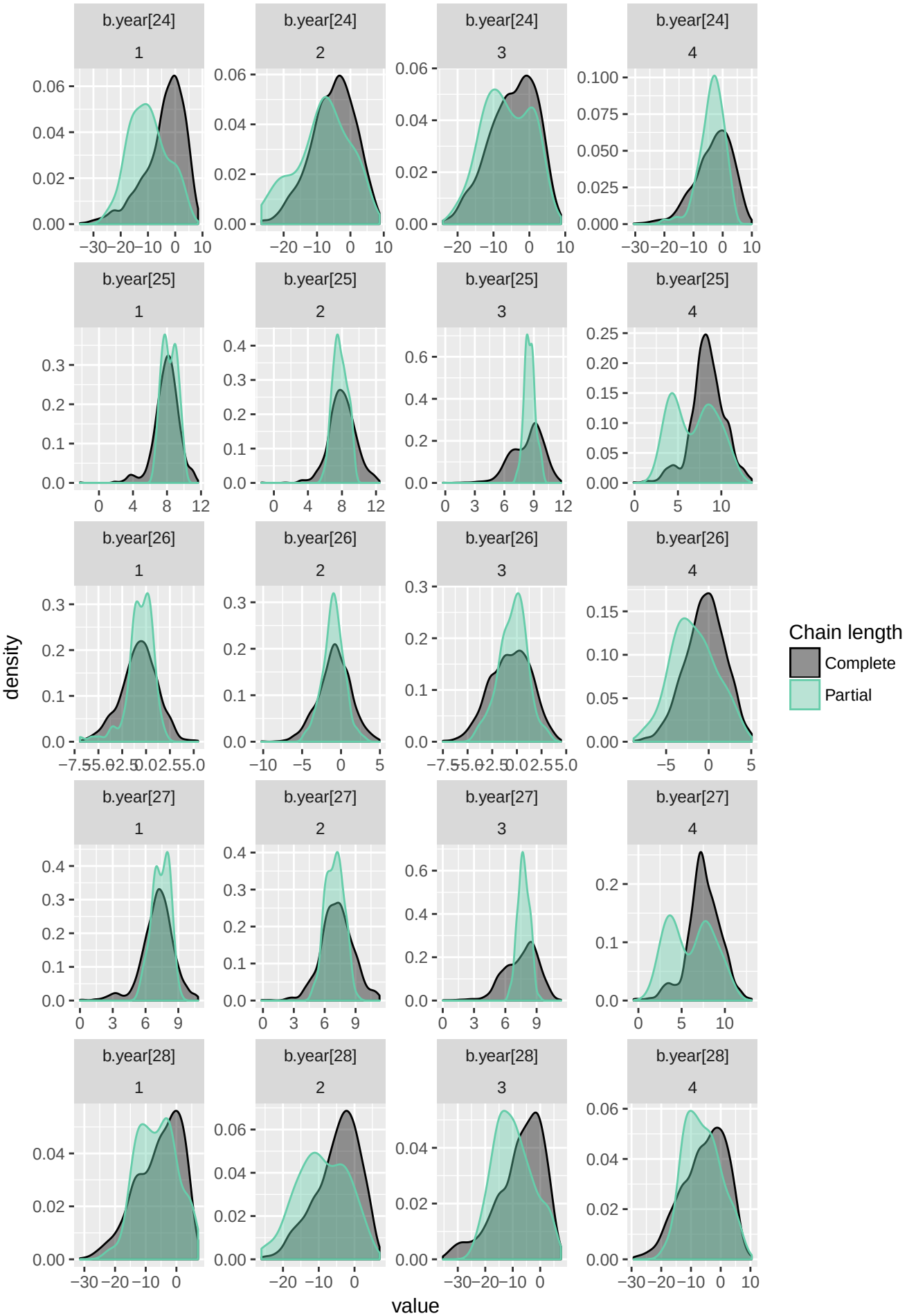

b.r.lat
1
b.r.lat
2
b.r.lat
3
b.r.lat
4
b.r.long
1
b.r.long
2
b.r.long
3
b.r.long
4
b.year[1]
1
b.year[1]
2
b.year[1]
3
b.year[1]
4
b.year[2]
1
b.year[2]
2
b.year[2]
3
b.year[2]
4
b.year[3]
1
b.year[3]
2
b.year[3]
3
b.year[3]
4
density
value
Chain length
Complete
Partial

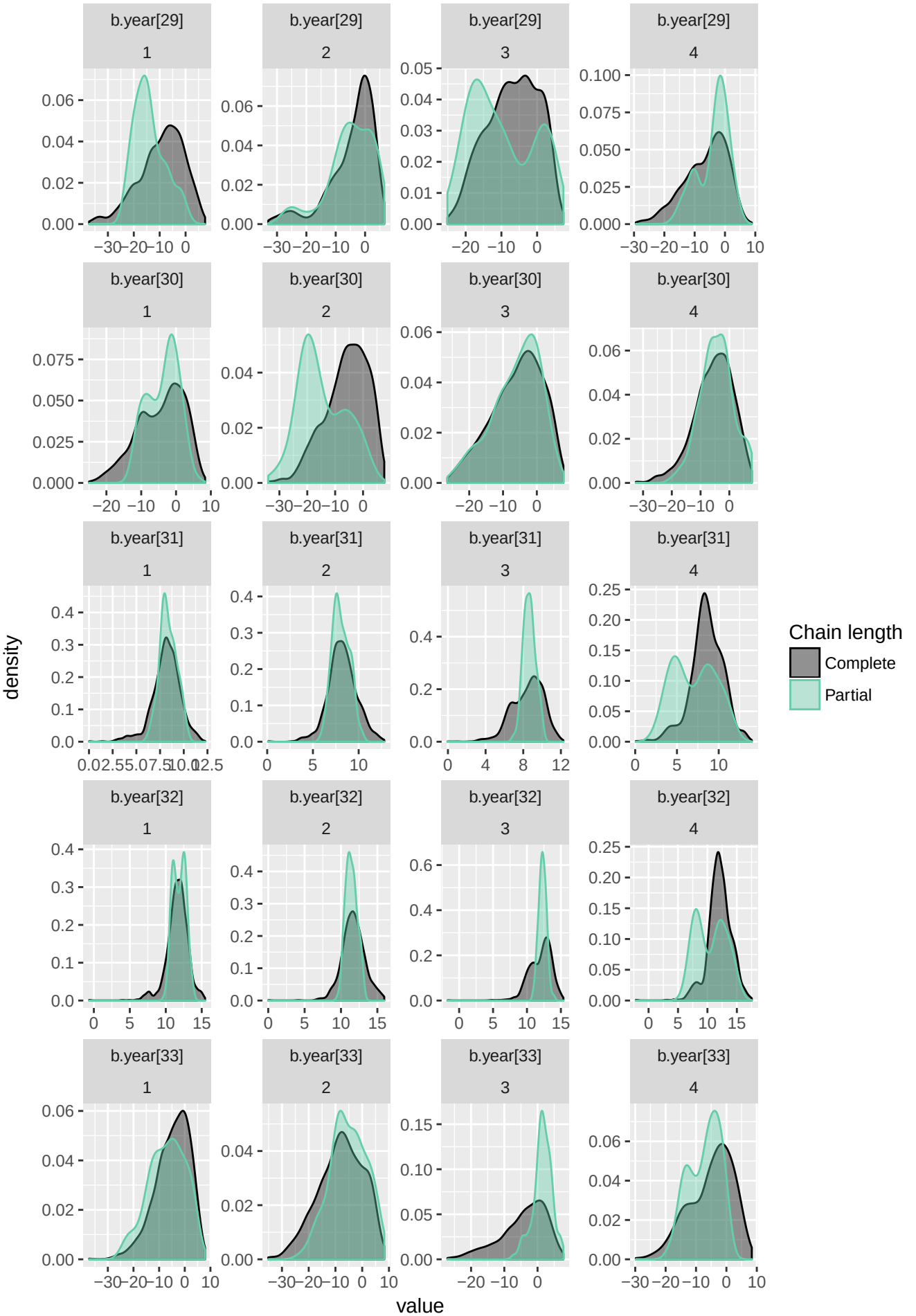

b.year[4]
1
2
3
4
b.year[5]
b.year[6]
b.year[7]
b.year[8]
density
value
Chain length
Complete
Partial

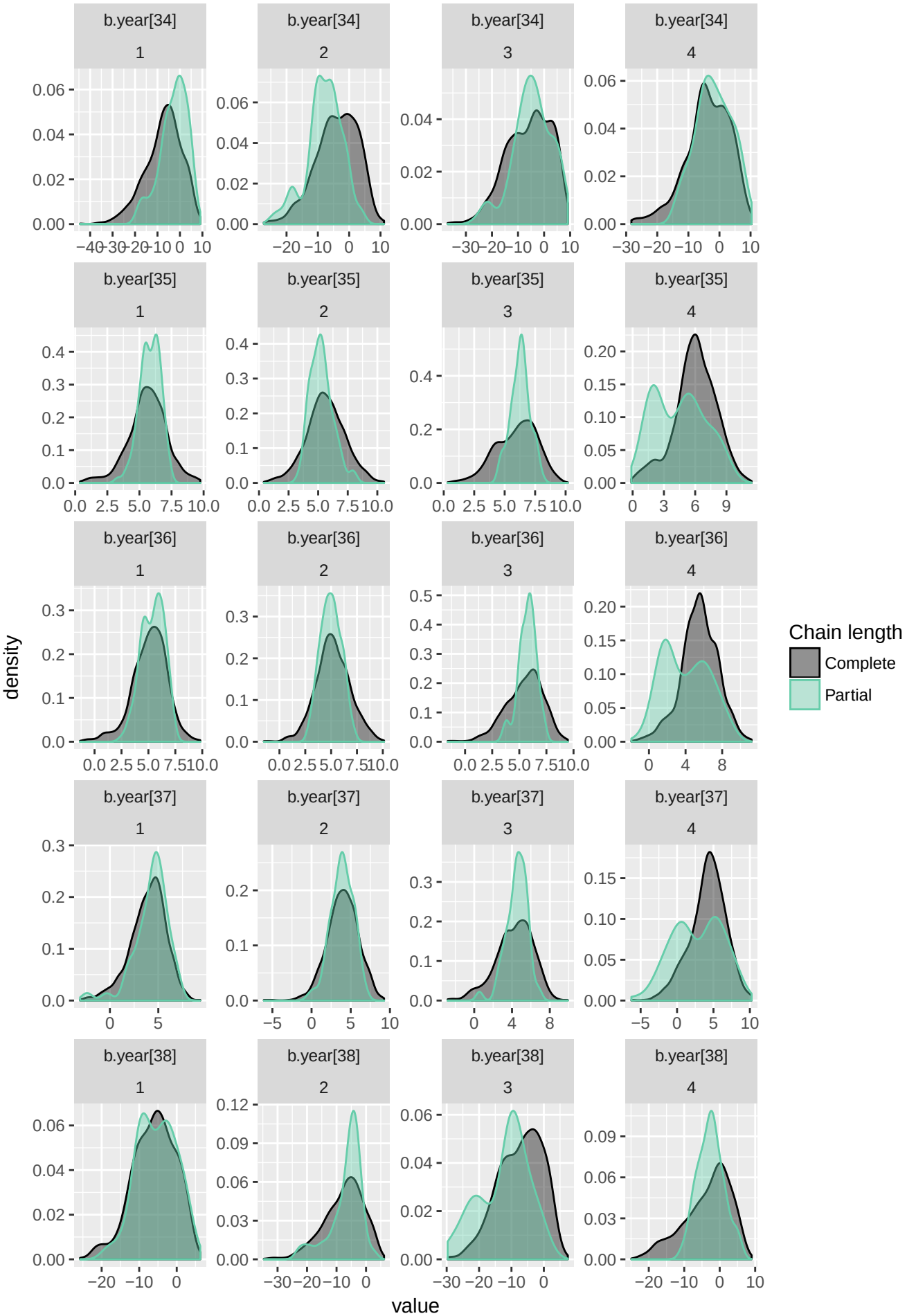

b.year[10]
1
b.year[10]
2
b.year[10]
3
b.year[10]
4
b.year[11]
1
b.year[11]
2
b.year[11]
3
b.year[11]
4
b.year[12]
1
b.year[12]
2
b.year[12]
3
b.year[12]
4
b.year[13]
1
b.year[13]
2
b.year[13]
3
b.year[13]
4
b.year[9]
1
b.year[9]
2
b.year[9]
3
b.year[9]
4
density
value
Chain length
Complete
Partial

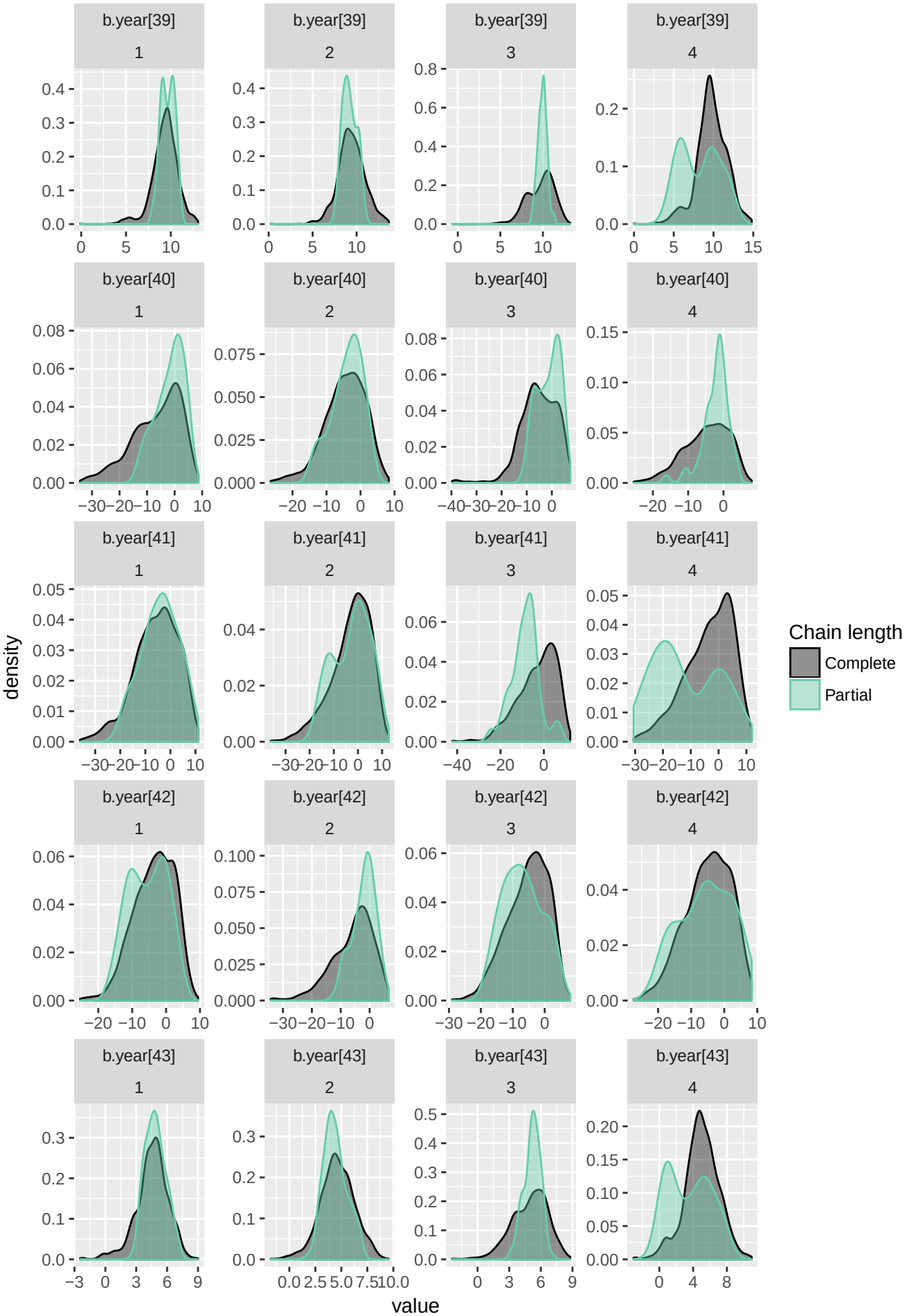

b.year[14]
1
b.year[14]
2
b.year[14]
3
b.year[14]
4
b.year[15]
1
b.year[15]
2
b.year[15]
3
b.year[15]
4
b.year[16]
1
b.year[16]
2
b.year[16]
3
b.year[16]
4
b.year[17]
1
b.year[17]
2
b.year[17]
3
b.year[17]
4
b.year[18]
1
b.year[18]
2
b.year[18]
3
b.year[18]
4
density
value
Chain length
Complete
Partial

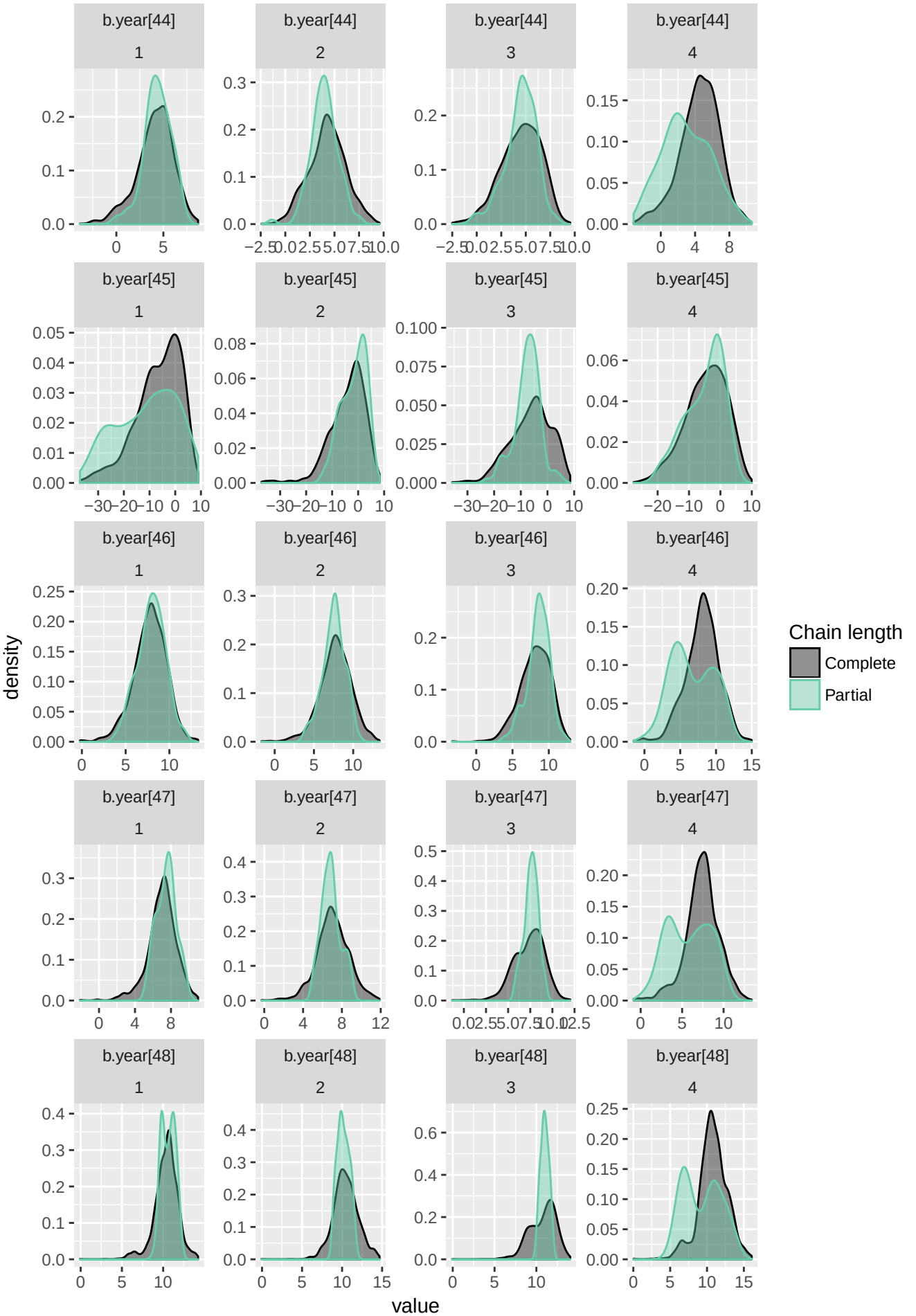

b.year[19]
1
b.year[19]
2
b.year[19]
3
b.year[19]
4
b.year[20]
1
b.year[20]
2
b.year[20]
3
b.year[20]
4
b.year[21]
1
b.year[21]
2
b.year[21]
3
b.year[21]
4
b.year[22]
1
b.year[22]
2
b.year[22]
3
b.year[22]
4
b.year[23]
1
b.year[23]
2
b.year[23]
3
b.year[23]
4
density
value
Chain length
Complete
Partial

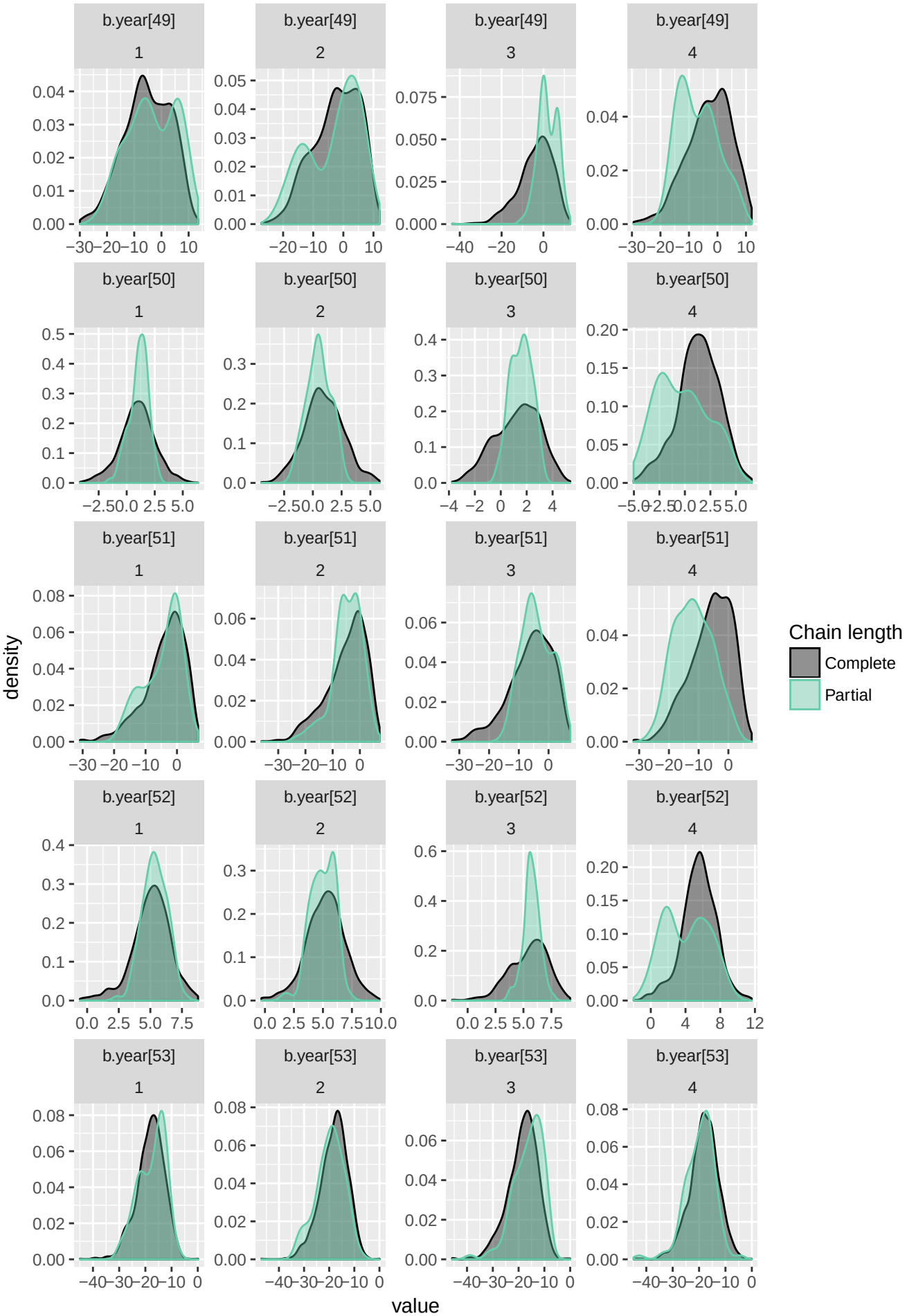

b.year[24]
1
b.year[24]
2
b.year[24]
3
b.year[24]
4
b.year[25]
1
b.year[25]
2
b.year[25]
3
b.year[25]
4
b.year[26]
1
b.year[26]
2
b.year[26]
3
b.year[26]
4
b.year[27]
1
b.year[27]
2
b.year[27]
3
b.year[27]
4
b.year[28]
1
b.year[28]
2
b.year[28]
3
b.year[28]
4
density
value
Chain length
Complete
Partial

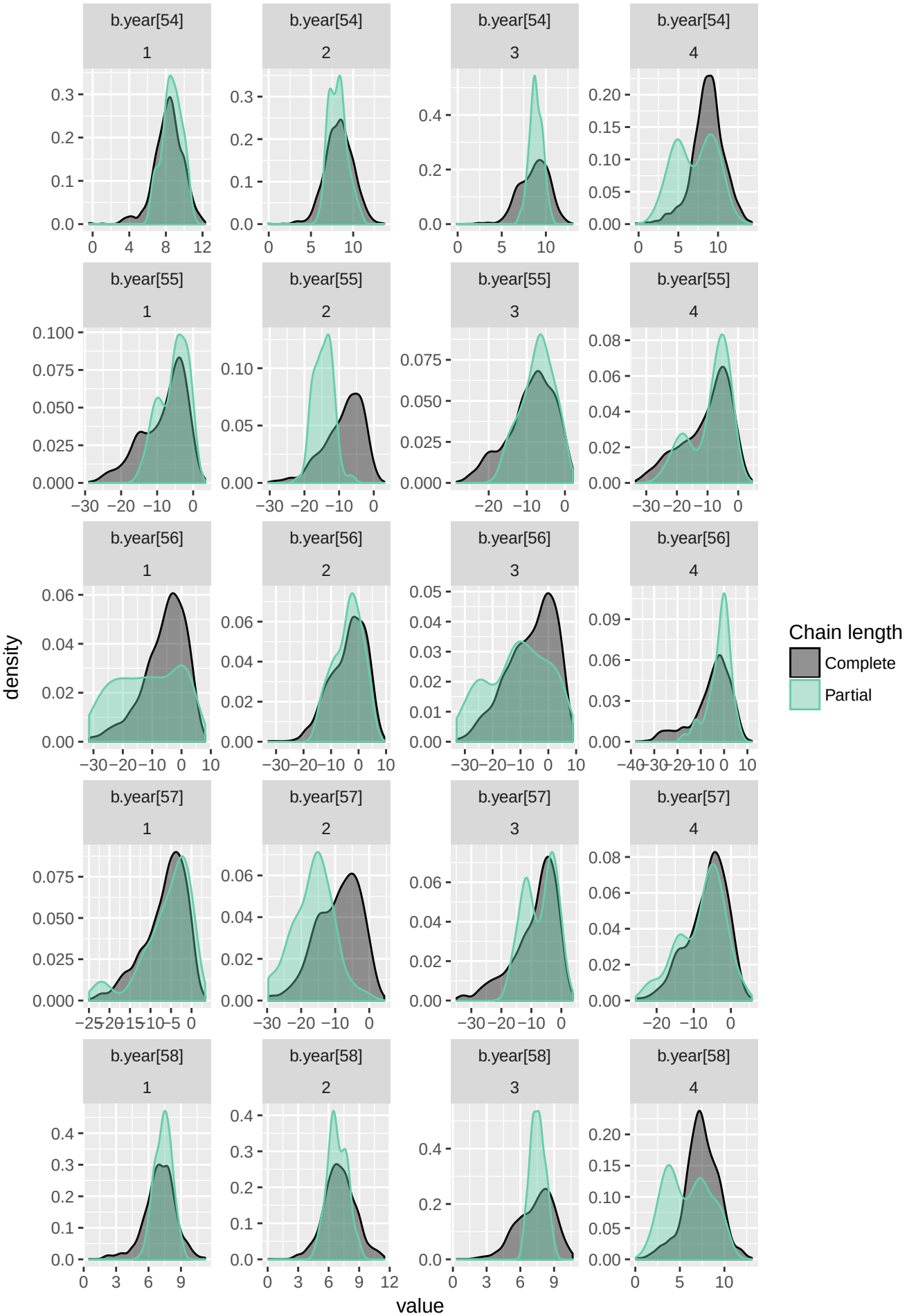

b.year[29]
1
b.year[29]
2
b.year[29]
3
b.year[29]
4
b.year[30]
1
b.year[30]
2
b.year[30]
3
b.year[30]
4
b.year[31]
1
b.year[31]
2
b.year[31]
3
b.year[31]
4
b.year[32]
1
b.year[32]
2
b.year[32]
3
b.year[32]
4
b.year[33]
1
b.year[33]
2
b.year[33]
3
b.year[33]
4
density
value
Chain length
Complete
Partial

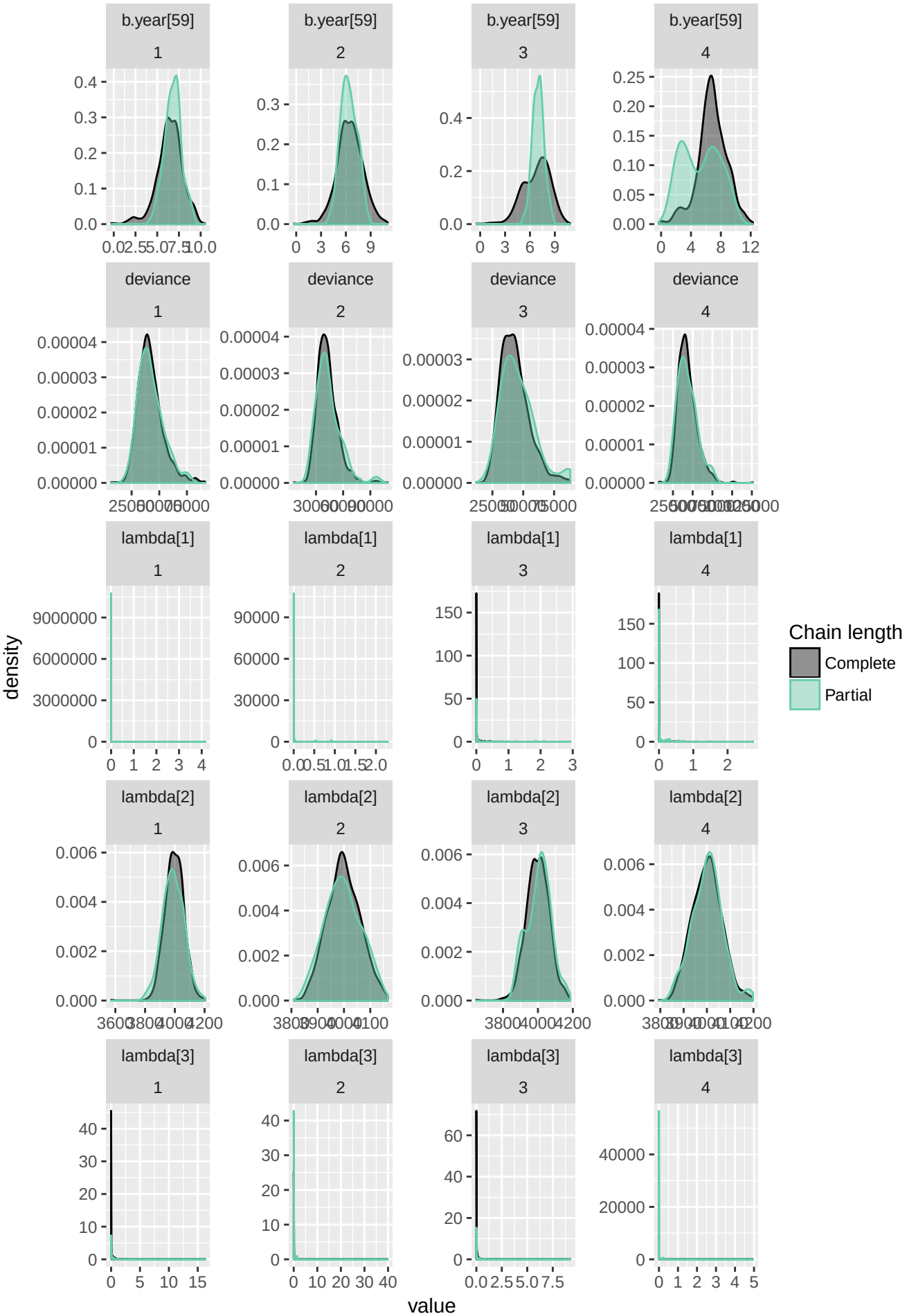

b.year[34]
1
b.year[34]
2
b.year[34]
3
b.year[34]
4
b.year[35]
1
b.year[35]
2
b.year[35]
3
b.year[35]
4
b.year[36]
1
b.year[36]
2
b.year[36]
3
b.year[36]
4
b.year[37]
1
b.year[37]
2
b.year[37]
3
b.year[37]
4
b.year[38]
1
b.year[38]
2
b.year[38]
3
b.year[38]
4
density
value
Chain length
Complete
Partial

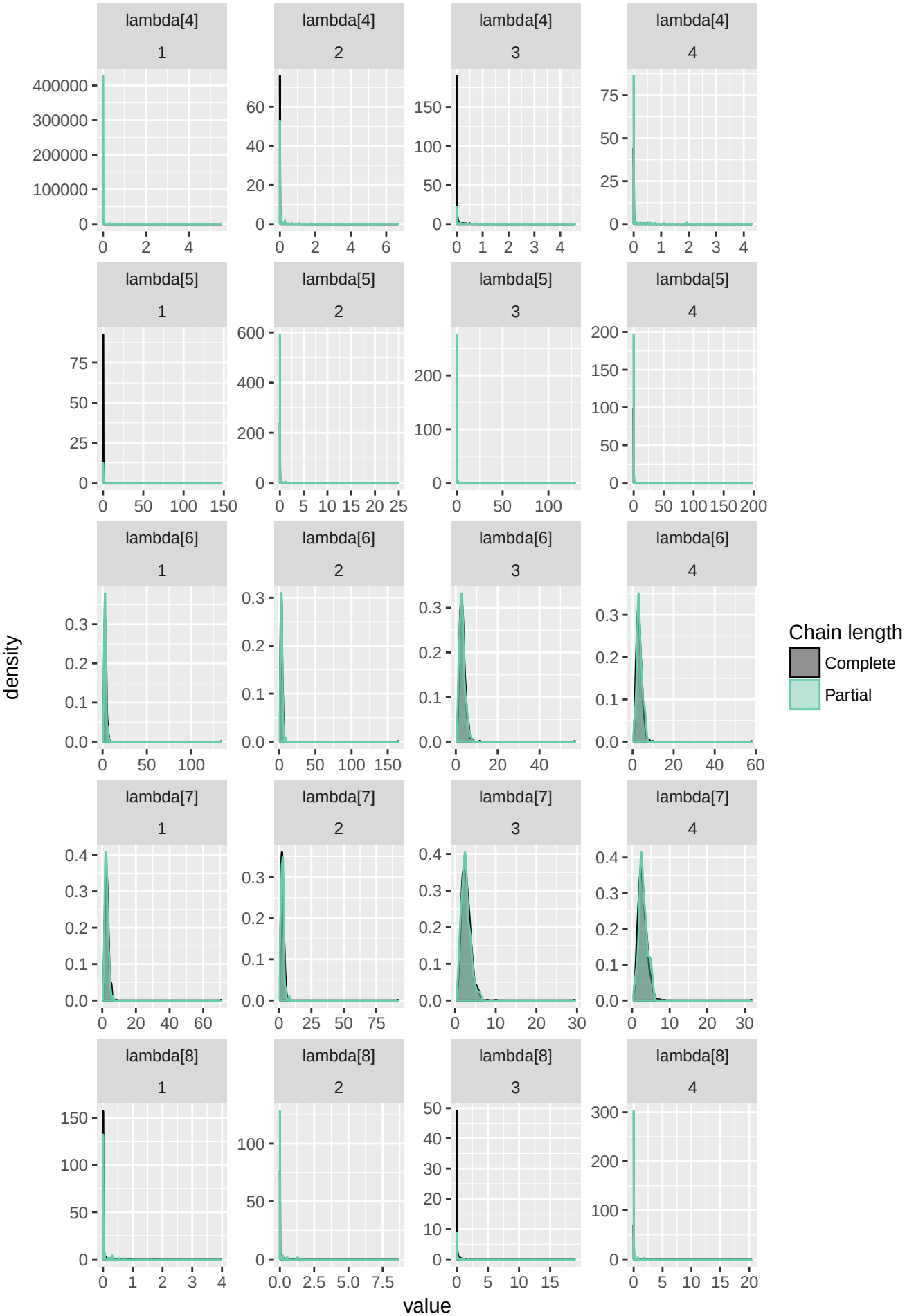

b.year[39]
1
2
3
4
b.year[40]
b.year[41]
b.year[42]
b.year[43]
density
value
Chain length
Complete
Partial

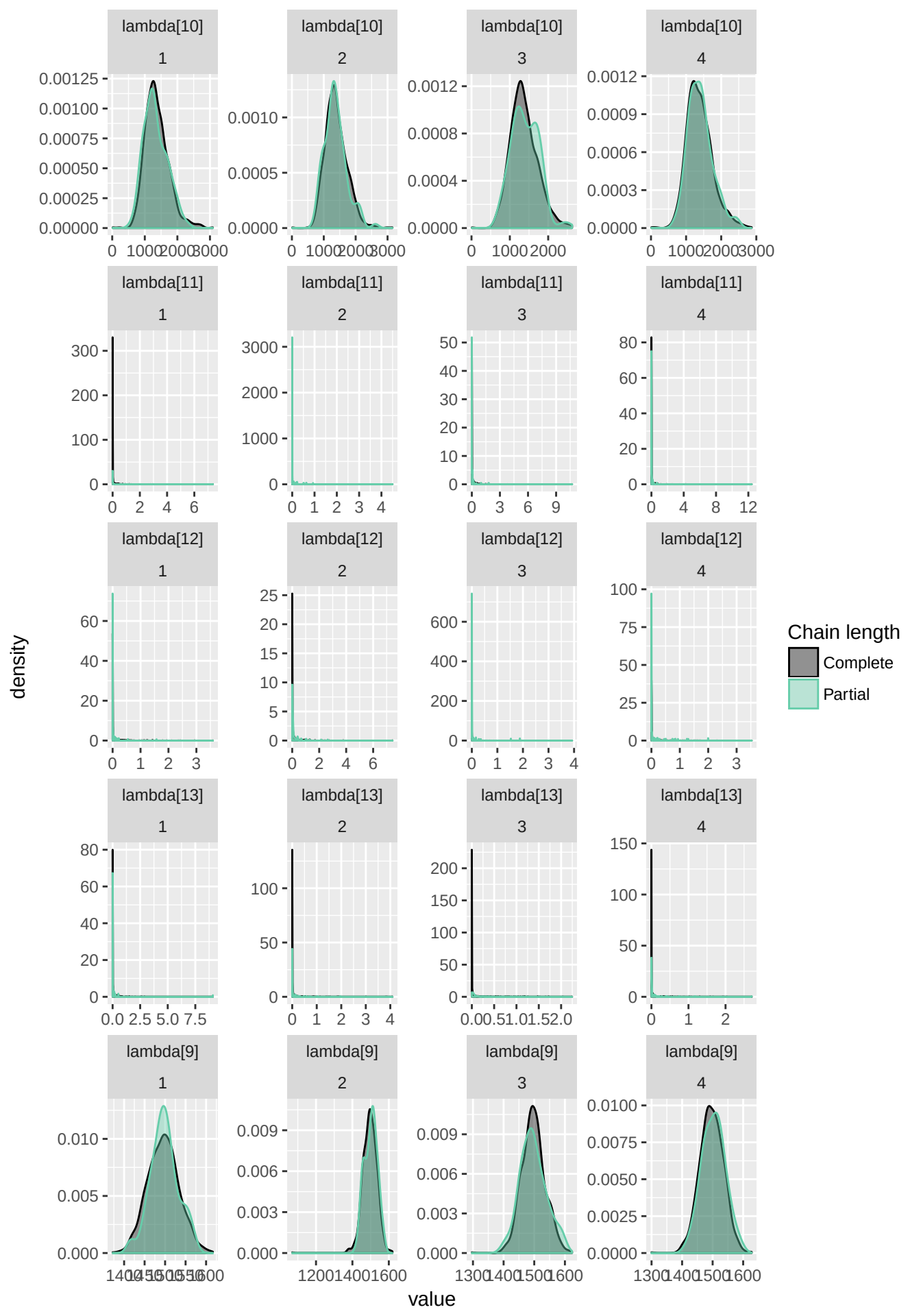

b.year[44]
1
b.year[44]
2
b.year[44]
3
b.year[44]
4
b.year[45]
1
b.year[45]
2
b.year[45]
3
b.year[45]
4
b.year[46]
1
b.year[46]
2
b.year[46]
3
b.year[46]
4
b.year[47]
1
b.year[47]
2
b.year[47]
3
b.year[47]
4
b.year[48]
1
b.year[48]
2
b.year[48]
3
b.year[48]
4
density
value
Chain length
Complete
Partial

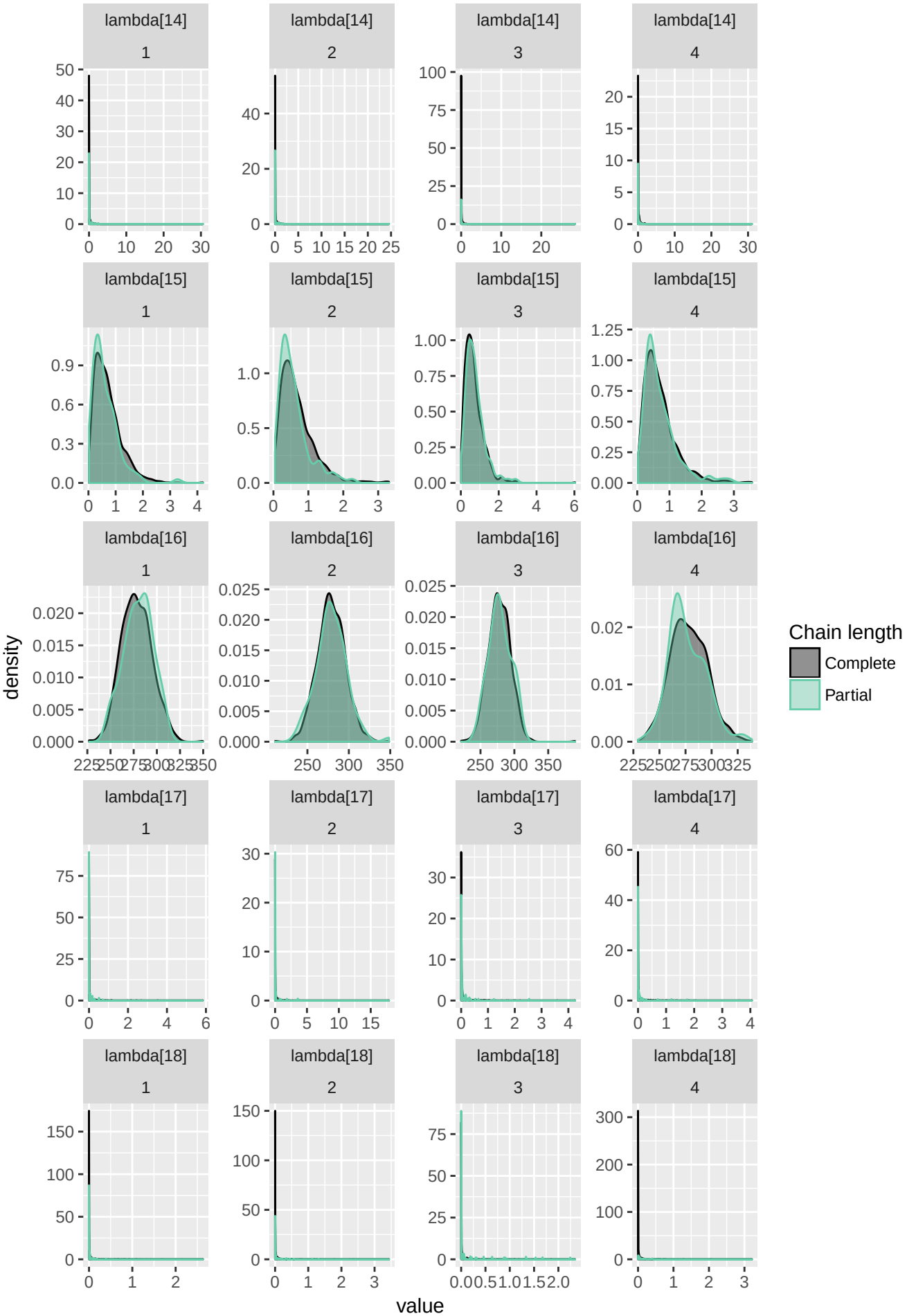

b.year[49]
1
b.year[49]
2
b.year[49]
3
b.year[49]
4
b.year[50]
1
b.year[50]
2
b.year[50]
3
b.year[50]
4
b.year[51]
1
b.year[51]
2
b.year[51]
3
b.year[51]
4
b.year[52]
1
b.year[52]
2
b.year[52]
3
b.year[52]
4
b.year[53]
1
b.year[53]
2
b.year[53]
3
b.year[53]
4
density
value
Chain length
Complete
Partial

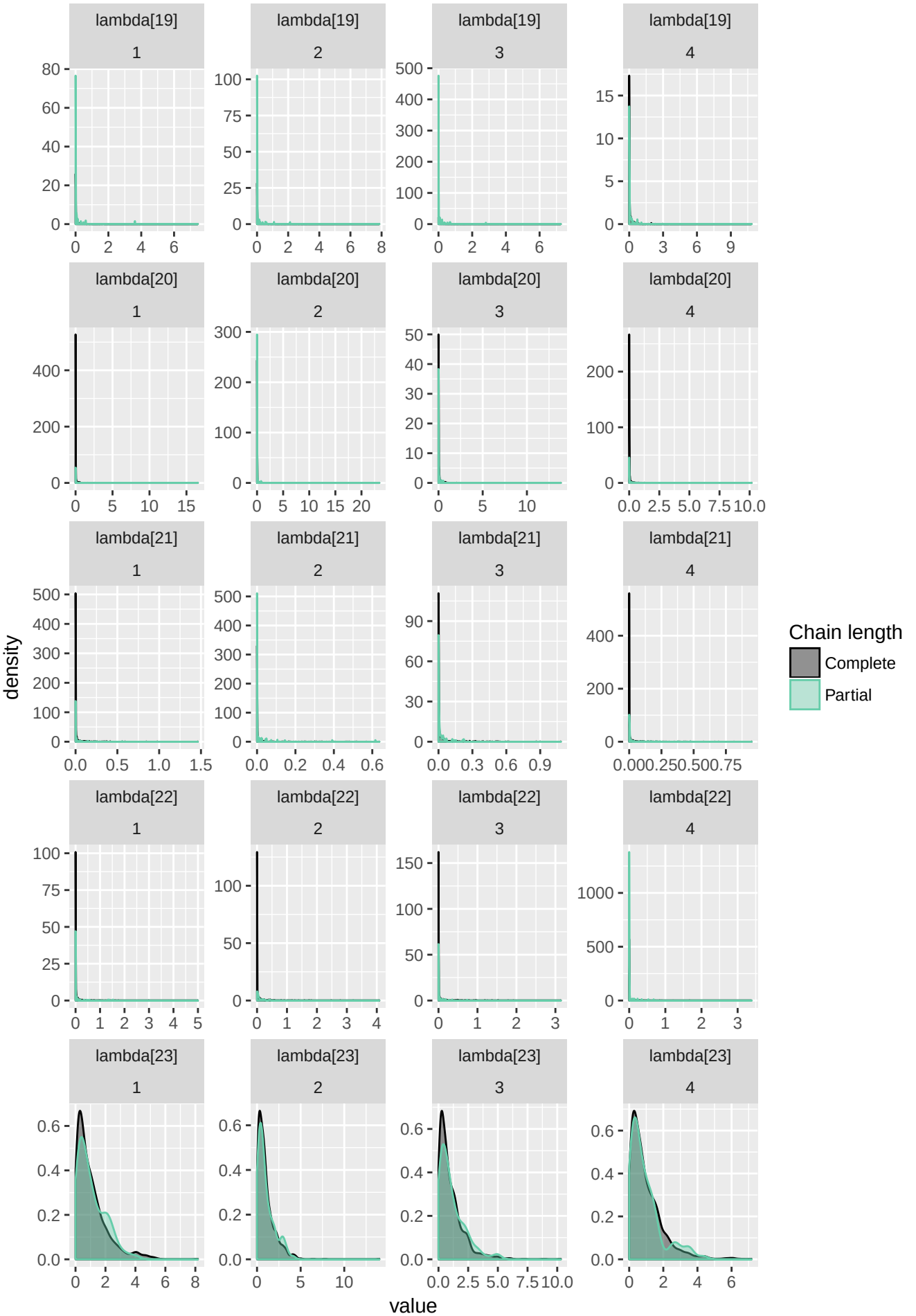

b.year[54]
1
2
3
4
b.year[55]
b.year[56]
b.year[57]
b.year[58]
density
value
Chain length
Complete
Partial

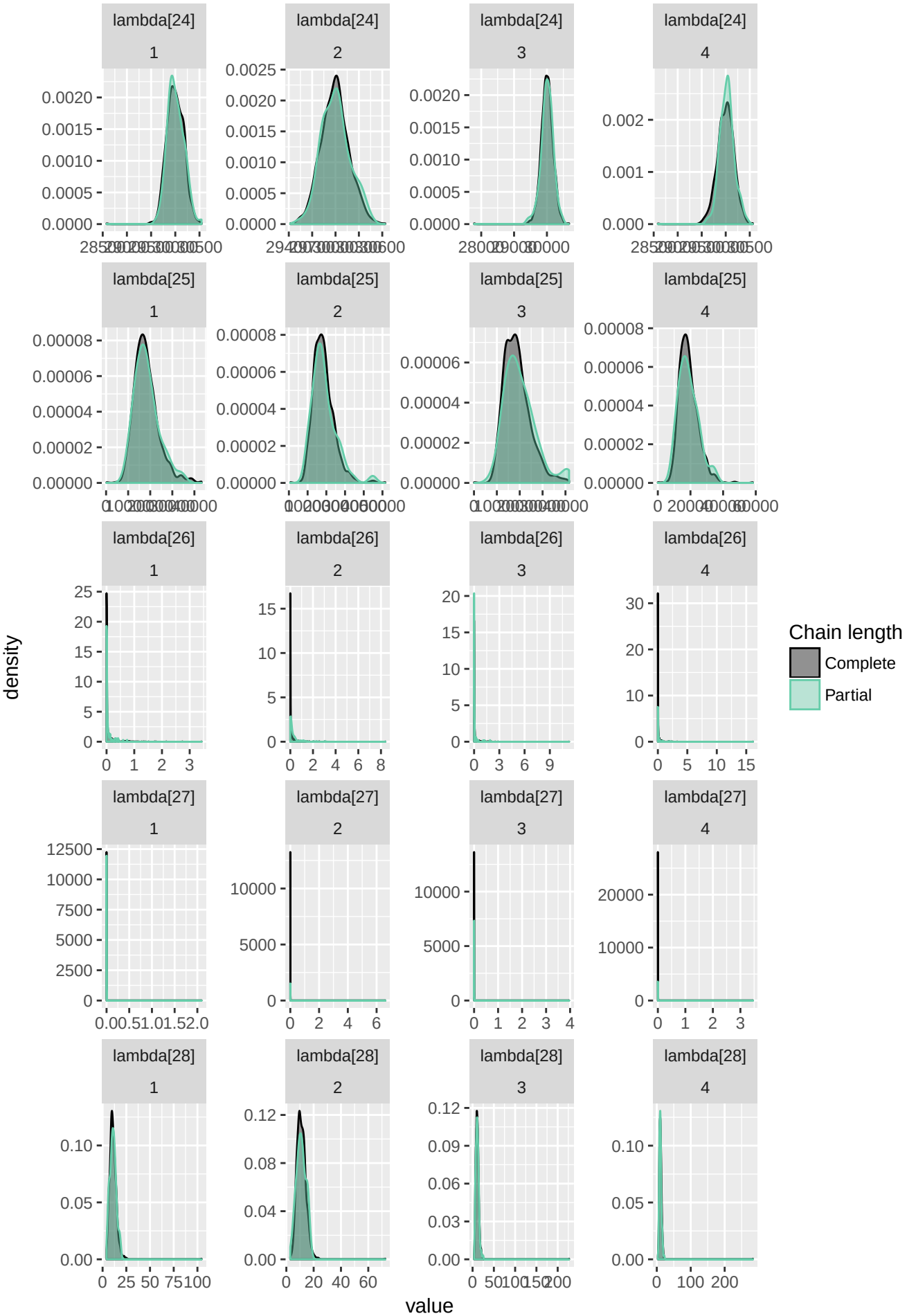

b.year[59]
1
2
3
4
deviance
lambda[1]
lambda[2]
lambda[3]
density
value
Chain length
Complete
Partial

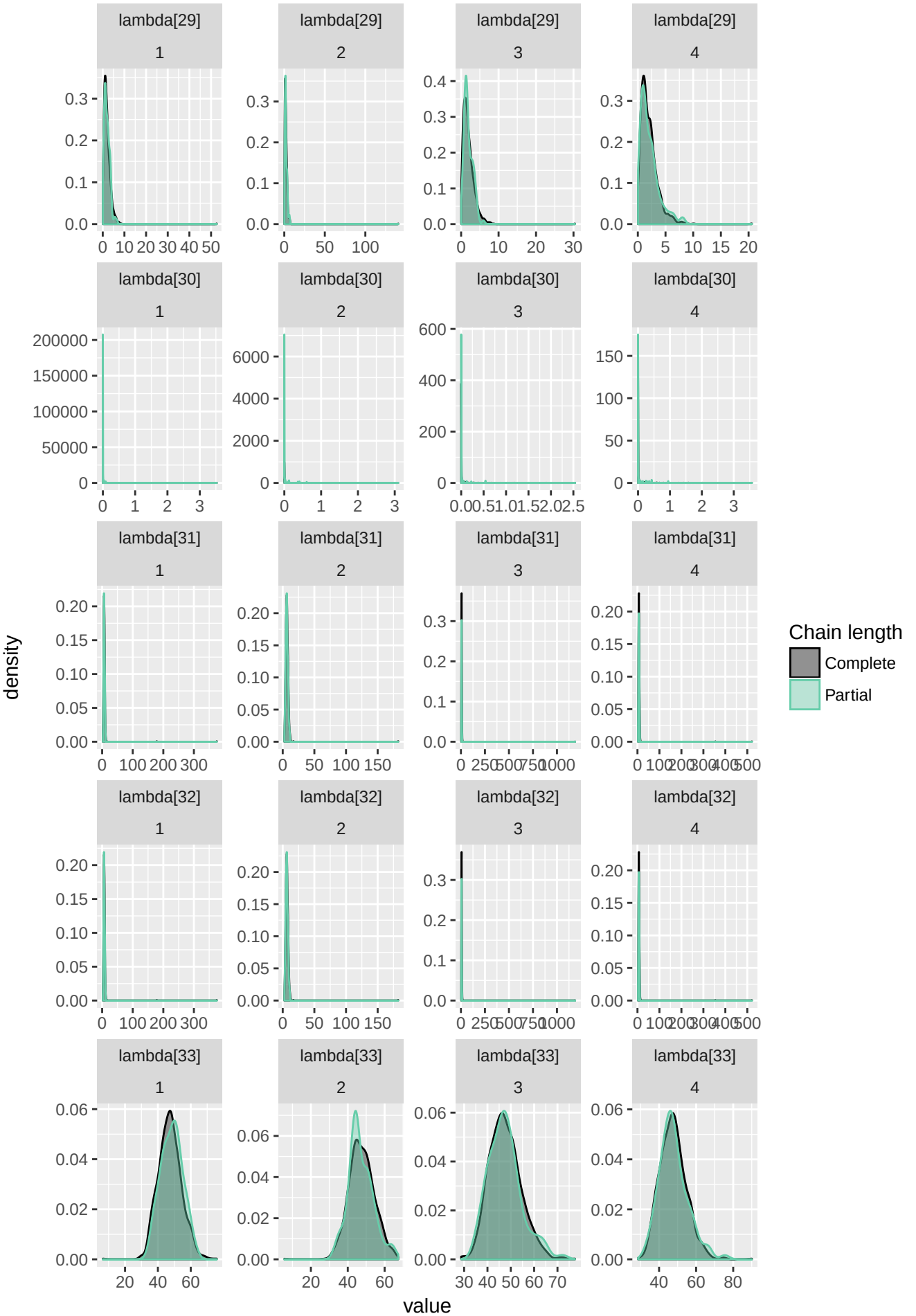

lambda[4] 1
lambda[4] 2
lambda[4] 3
lambda[4] 4
lambda[5] 1
lambda[5] 2
lambda[5] 3
lambda[5] 4
lambda[6] 1
lambda[6] 2
lambda[6] 3
lambda[6] 4
lambda[7] 1
lambda[7] 2
lambda[7] 3
lambda[7] 4
lambda[8] 1
lambda[8] 2
lambda[8] 3
lambda[8] 4
density
value
Chain length
Complete
Partial

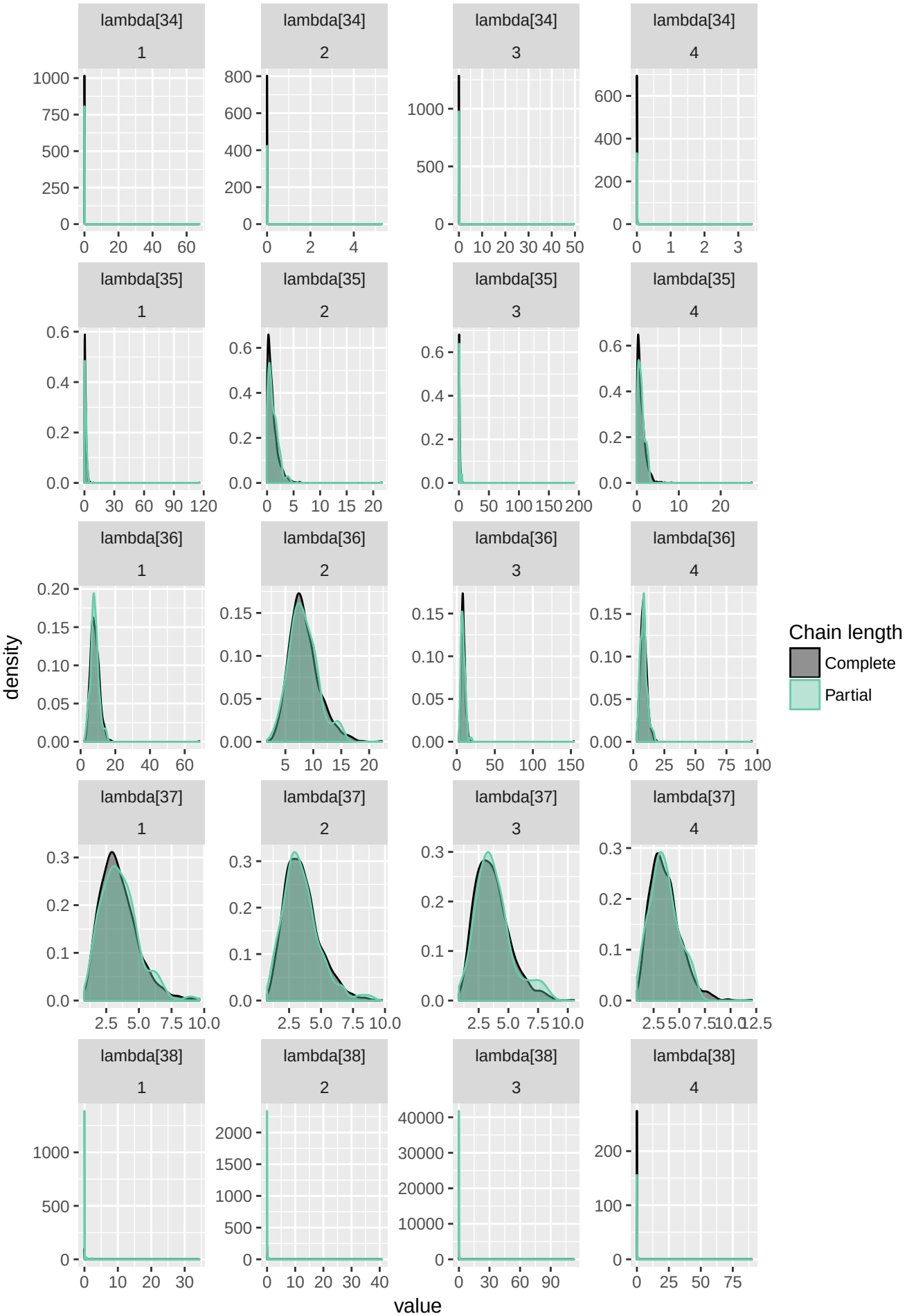

lambda[10]
1
lambda[10]
2
lambda[10]
3
lambda[10]
4
lambda[11]
1
lambda[11]
2
lambda[11]
3
lambda[11]
4
lambda[12]
1
lambda[12]
2
lambda[12]
3
lambda[12]
4
lambda[13]
1
lambda[13]
2
lambda[13]
3
lambda[13]
4
lambda[9]
1
lambda[9]
2
lambda[9]
3
lambda[9]
4
density
value
Chain length
Complete
Partial

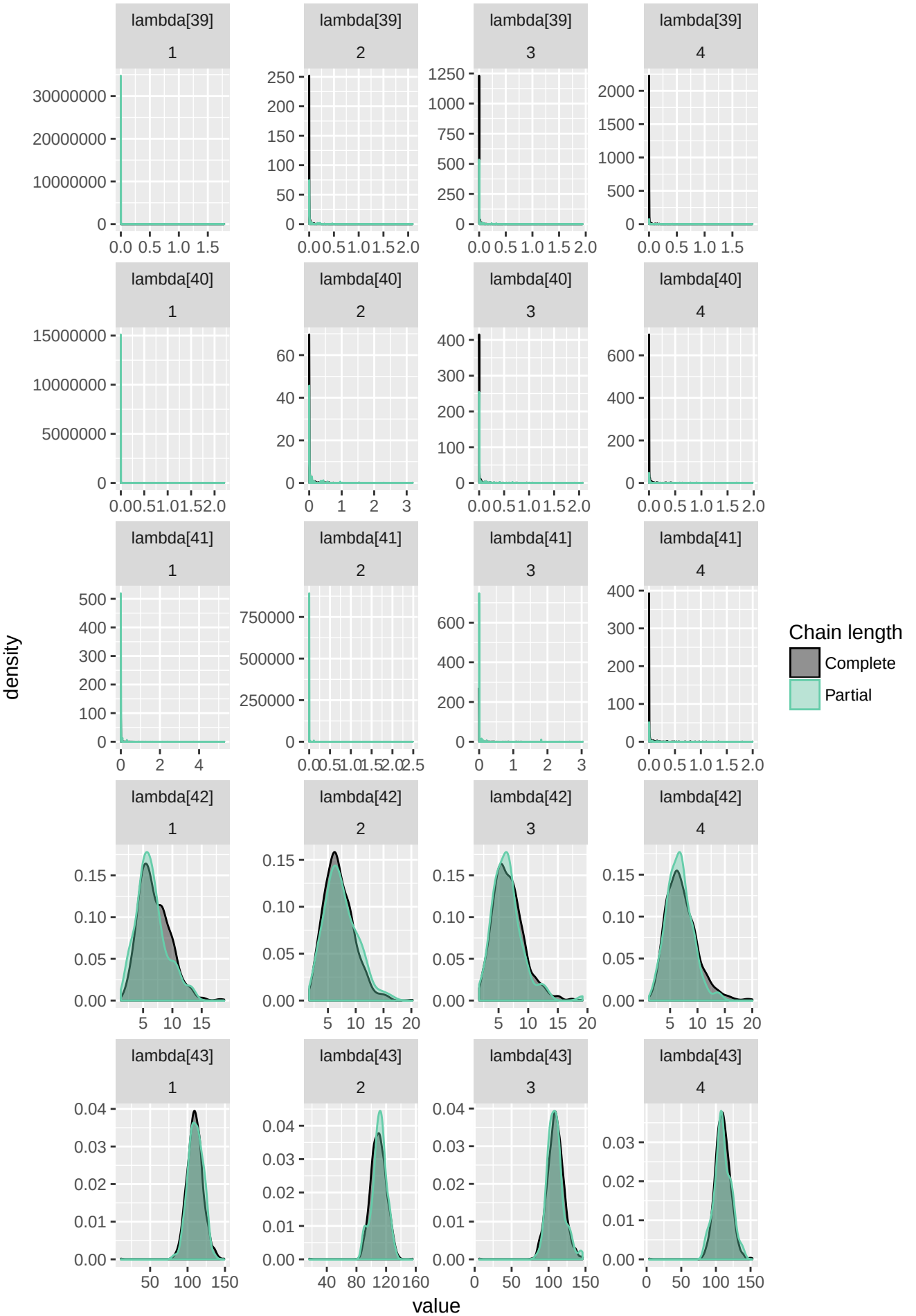

lambda[14] 1
lambda[14] 2
lambda[14] 3
lambda[14] 4
lambda[15] 1
lambda[15] 2
lambda[15] 3
lambda[15] 4
lambda[16] 1
lambda[16] 2
lambda[16] 3
lambda[16] 4
lambda[17] 1
lambda[17] 2
lambda[17] 3
lambda[17] 4
lambda[18] 1
lambda[18] 2
lambda[18] 3
lambda[18] 4
density
value
Chain length
Complete
Partial

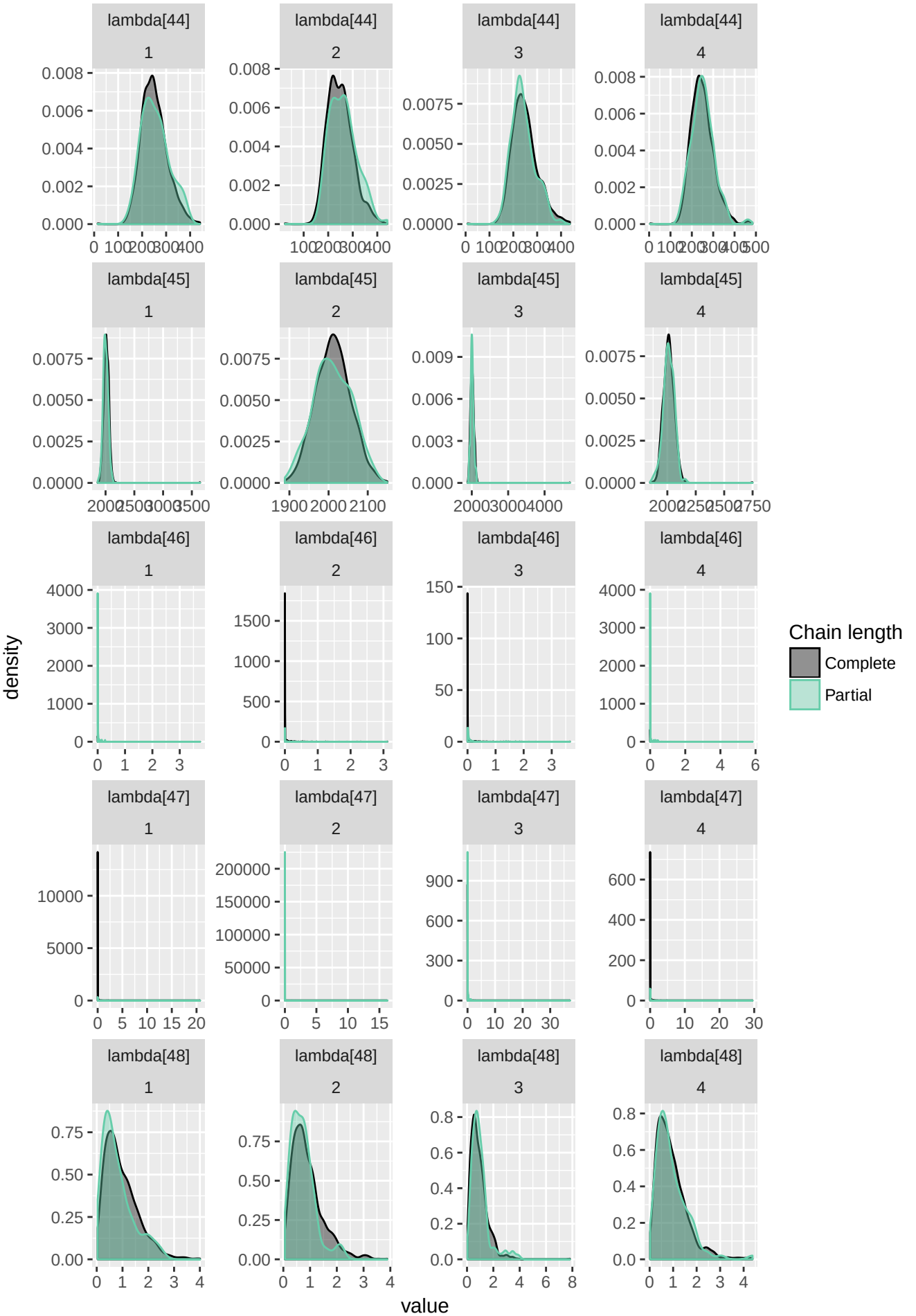

lambda[19] 1
lambda[19] 2
lambda[19] 3
lambda[19] 4
lambda[20] 1
lambda[20] 2
lambda[20] 3
lambda[20] 4
lambda[21] 1
lambda[21] 2
lambda[21] 3
lambda[21] 4
lambda[22] 1
lambda[22] 2
lambda[22] 3
lambda[22] 4
lambda[23] 1
lambda[23] 2
lambda[23] 3
lambda[23] 4
density
value
Chain length
Complete
Partial

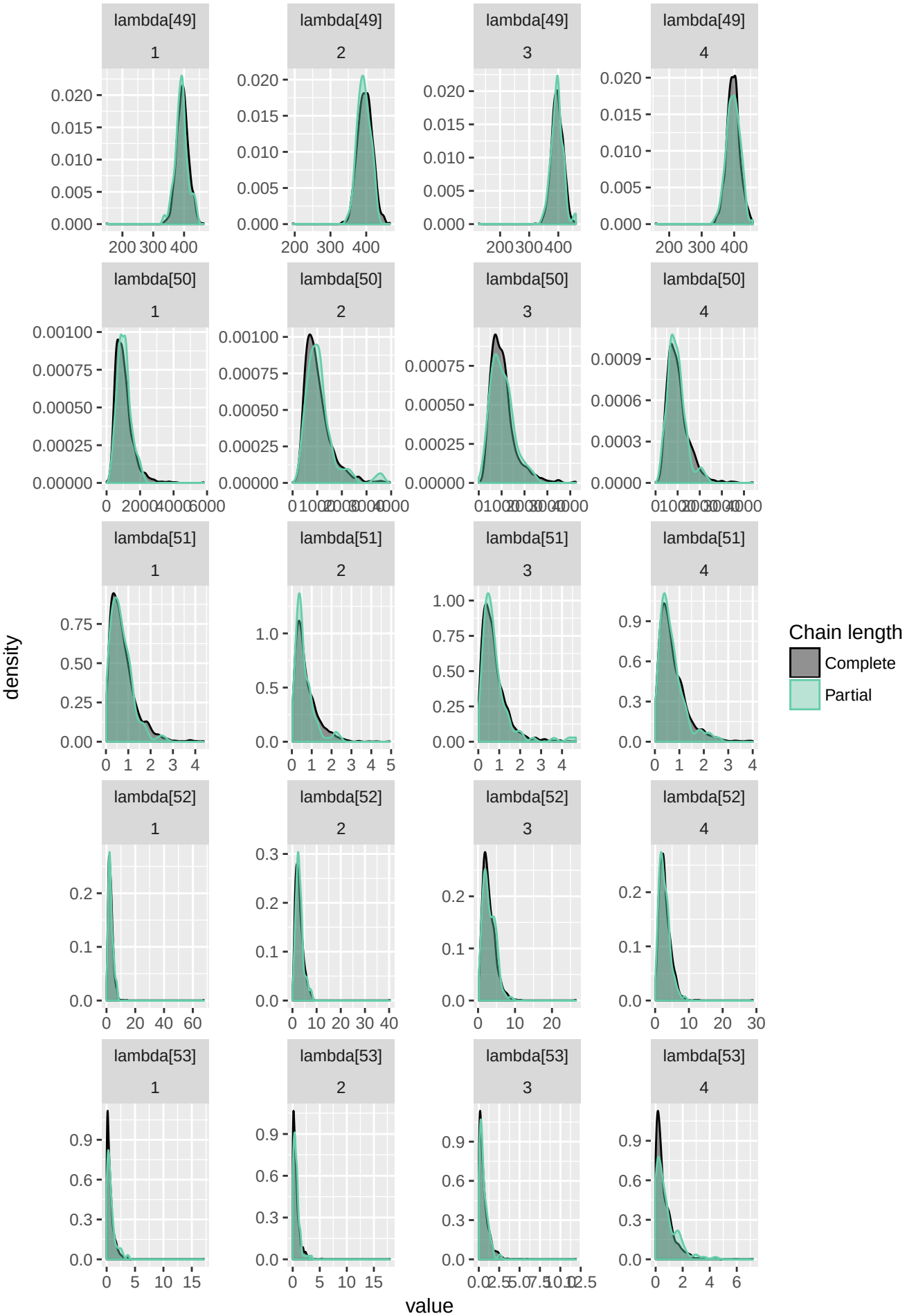

lambda[24]
1
2
3
4
lambda[25]
lambda[26]
lambda[27]
lambda[28]
density
value
Chain length
Complete
Partial

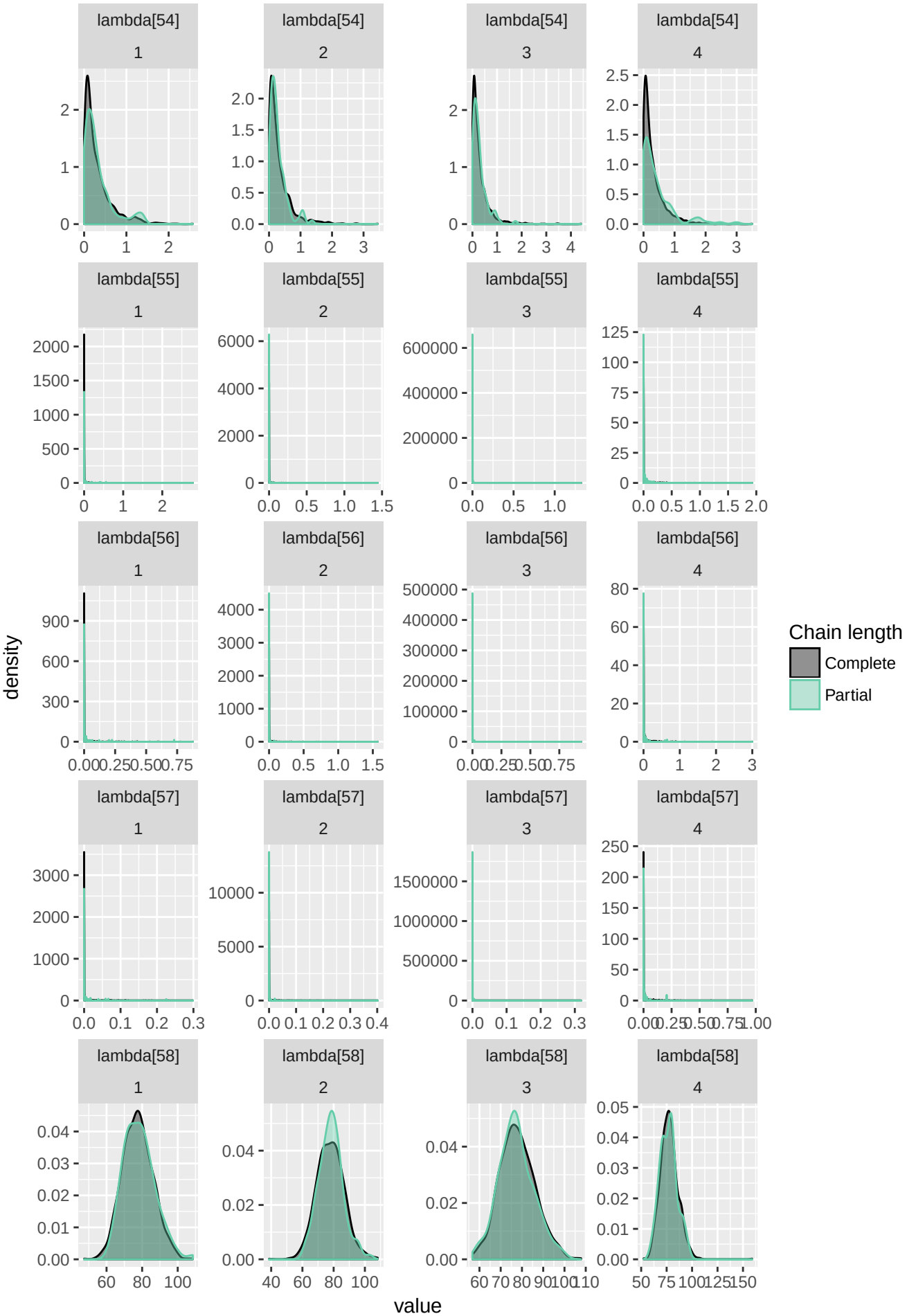

lambda[29]
1
2
3
4
lambda[30]
lambda[31]
lambda[32]
lambda[33]
density
value
Chain length
Complete
Partial

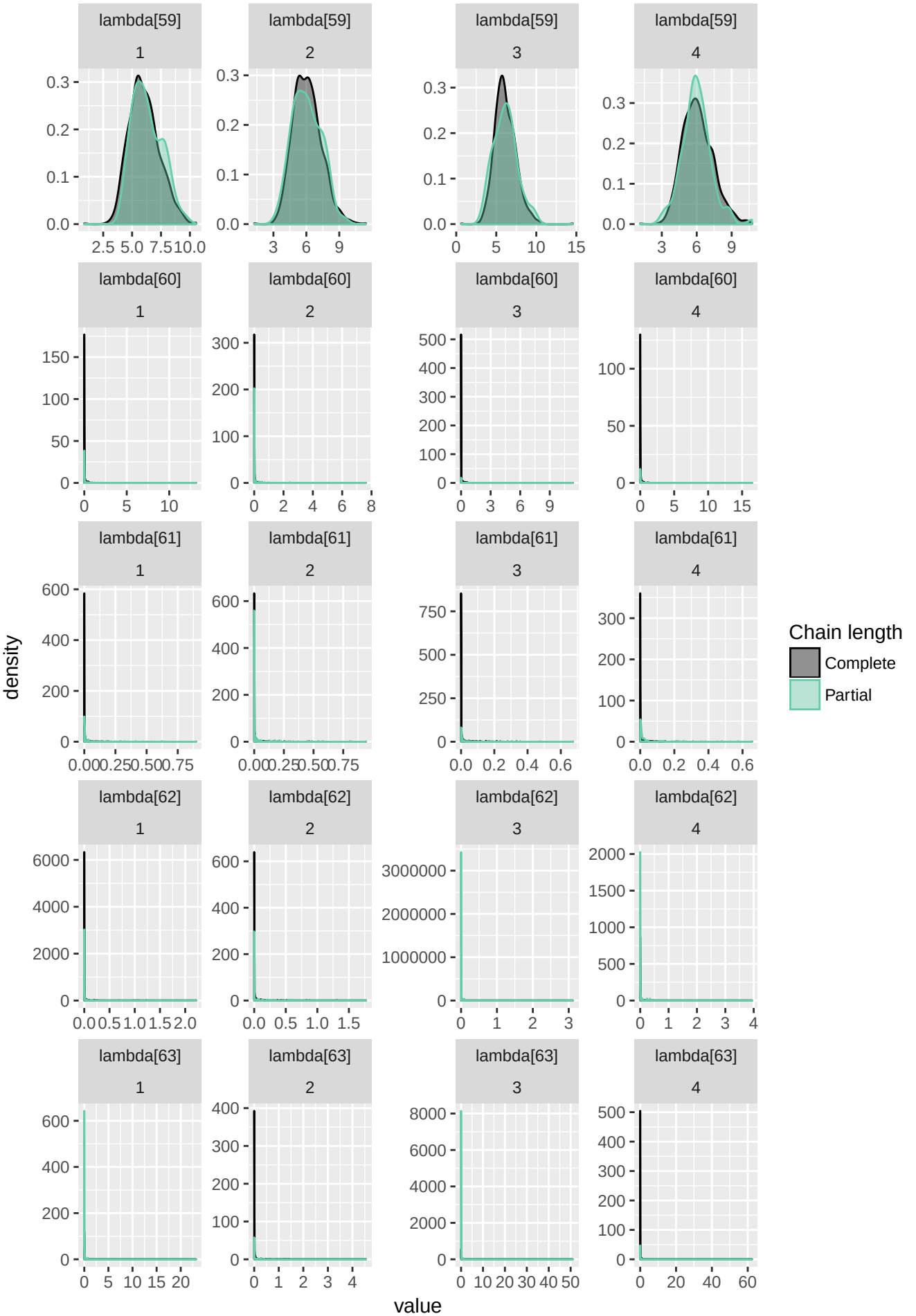

lambda[34]
1
2
3
4
lambda[35]
lambda[36]
lambda[37]
lambda[38]
density
value
Chain length
Complete
Partial

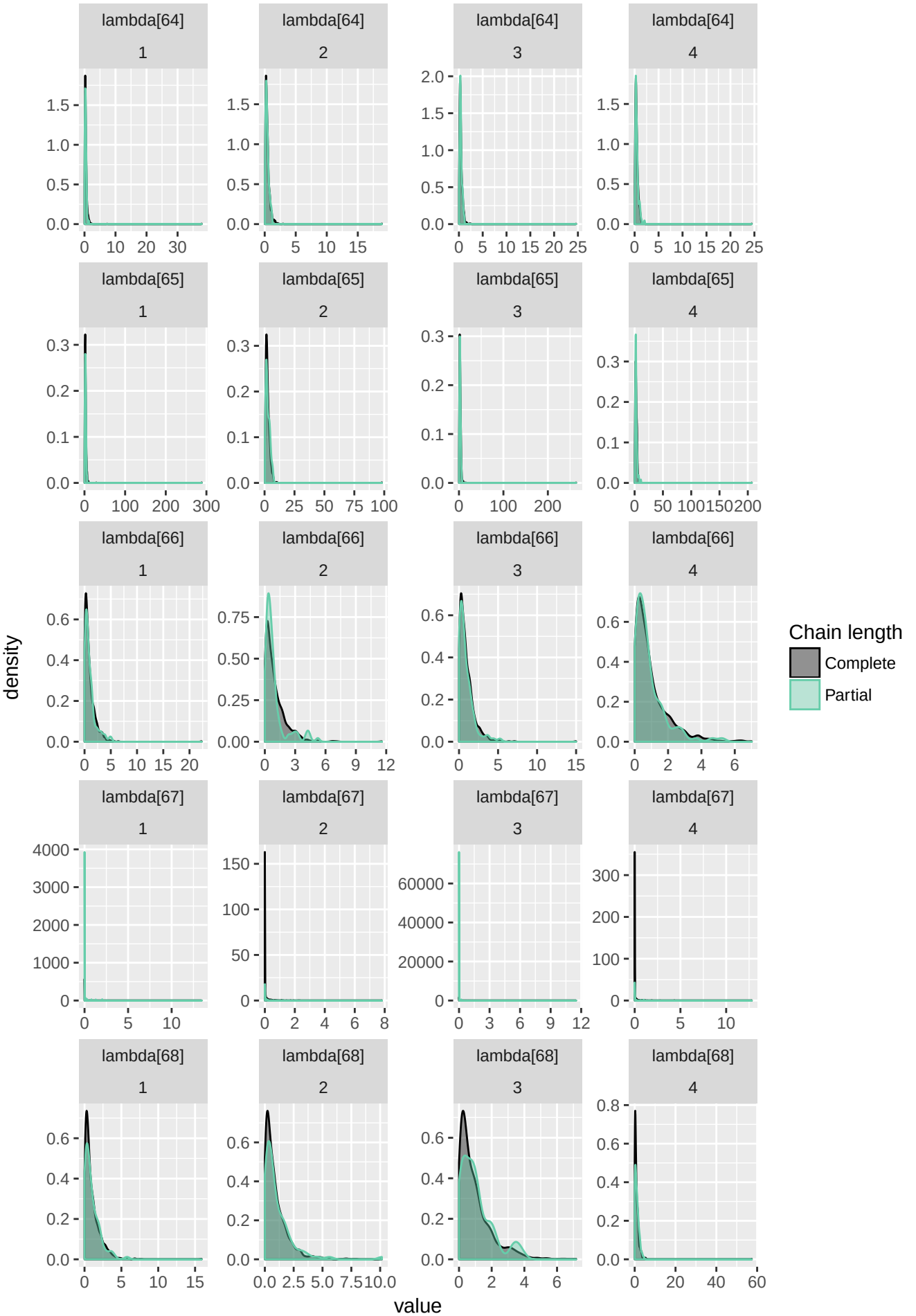

lambda[39] 1
lambda[39] 2
lambda[39] 3
lambda[39] 4
lambda[40] 1
lambda[40] 2
lambda[40] 3
lambda[40] 4
lambda[41] 1
lambda[41] 2
lambda[41] 3
lambda[41] 4
lambda[42] 1
lambda[42] 2
lambda[42] 3
lambda[42] 4
lambda[43] 1
lambda[43] 2
lambda[43] 3
lambda[43] 4
density
value
Chain length
Complete
Partial

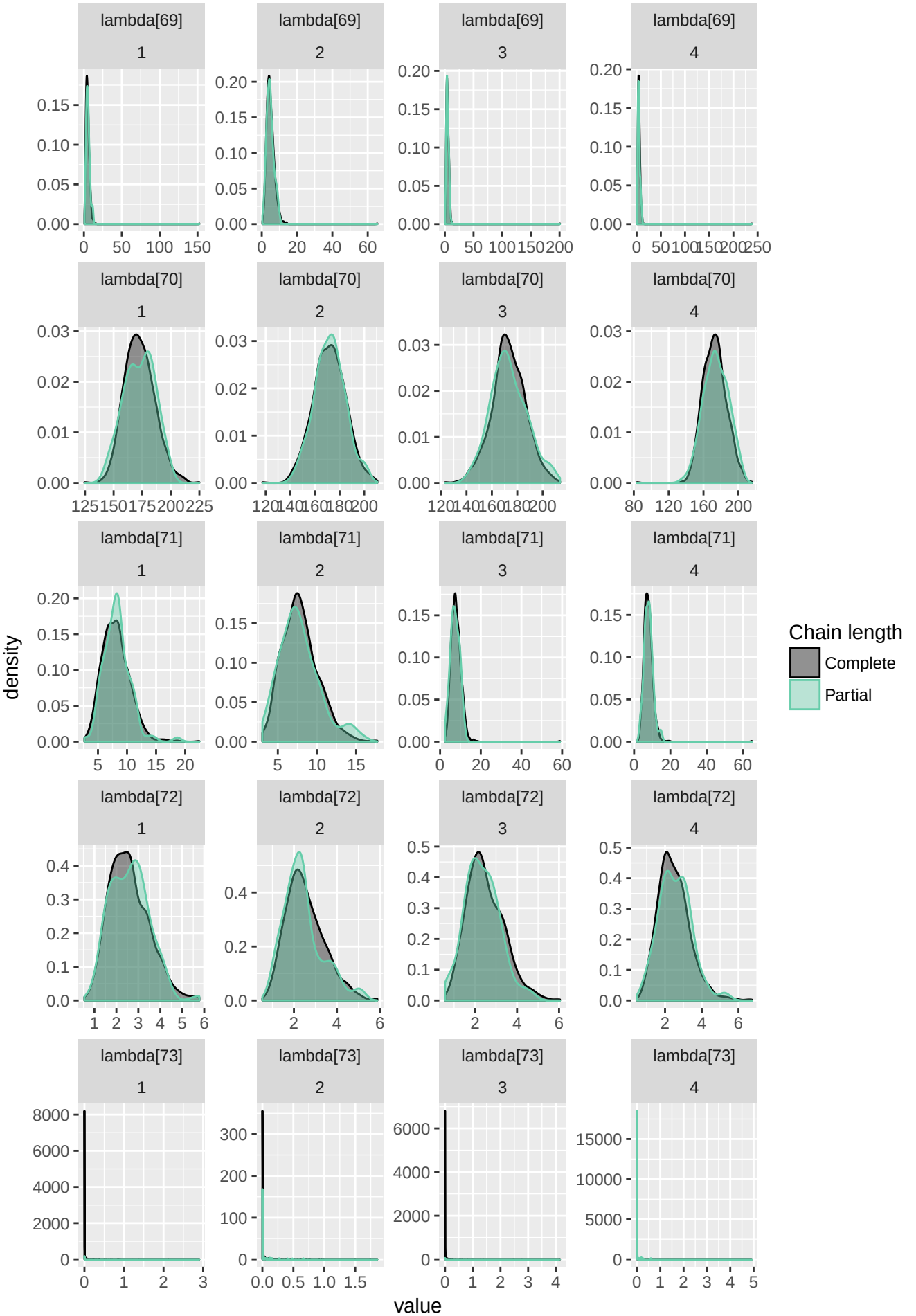

lambda[44]
1
lambda[44]
2
lambda[44]
3
lambda[44]
4
lambda[45]
1
lambda[45]
2
lambda[45]
3
lambda[45]
4
lambda[46]
1
lambda[46]
2
lambda[46]
3
lambda[46]
4
lambda[47]
1
lambda[47]
2
lambda[47]
3
lambda[47]
4
lambda[48]
1
lambda[48]
2
lambda[48]
3
lambda[48]
4
density
value
Chain length
Complete
Partial

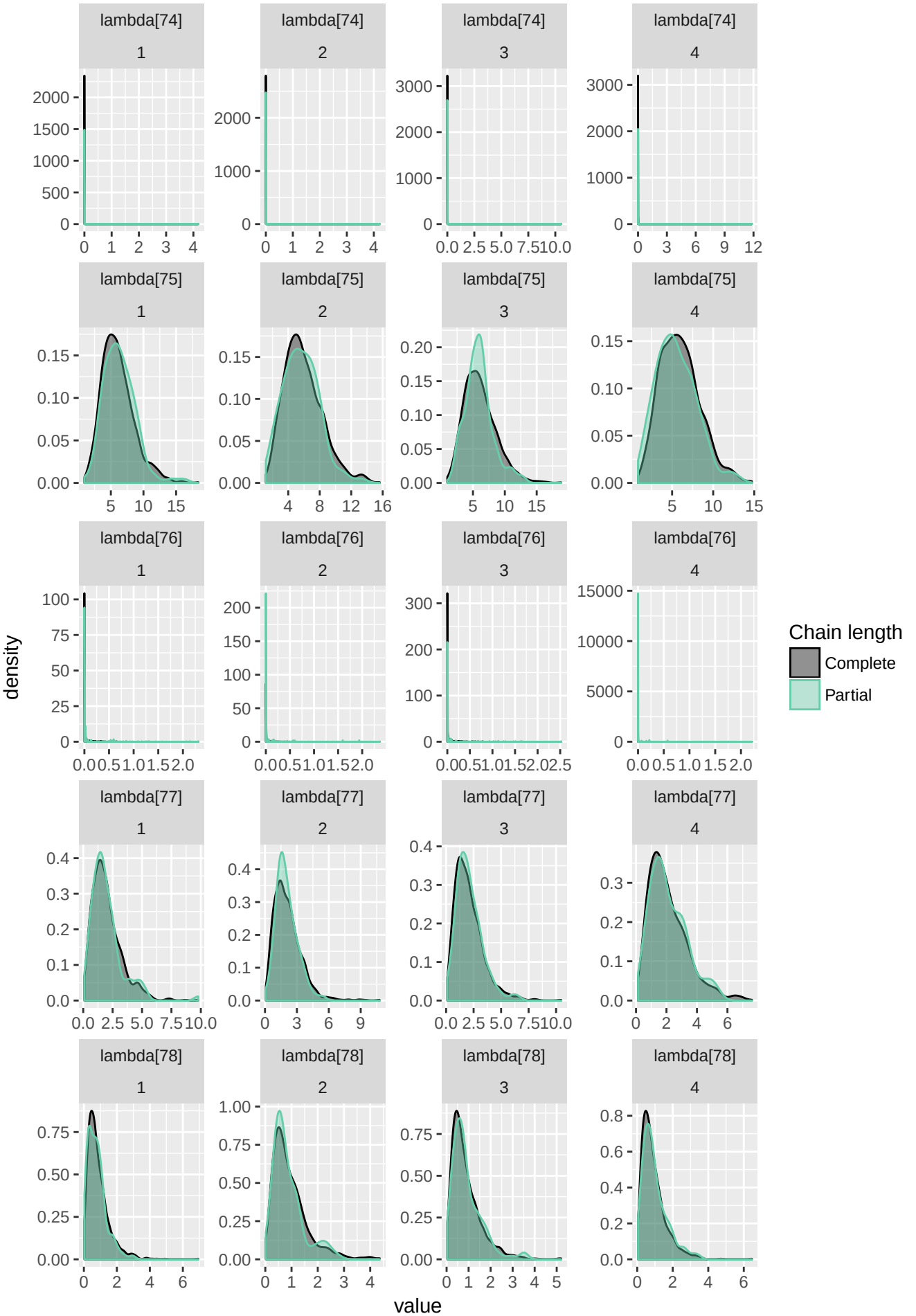

lambda[49] 1
lambda[49] 2
lambda[49] 3
lambda[49] 4
lambda[50] 1
lambda[50] 2
lambda[50] 3
lambda[50] 4
lambda[51] 1
lambda[51] 2
lambda[51] 3
lambda[51] 4
lambda[52] 1
lambda[52] 2
lambda[52] 3
lambda[52] 4
lambda[53] 1
lambda[53] 2
lambda[53] 3
lambda[53] 4
density
value
Chain length
Complete
Partial

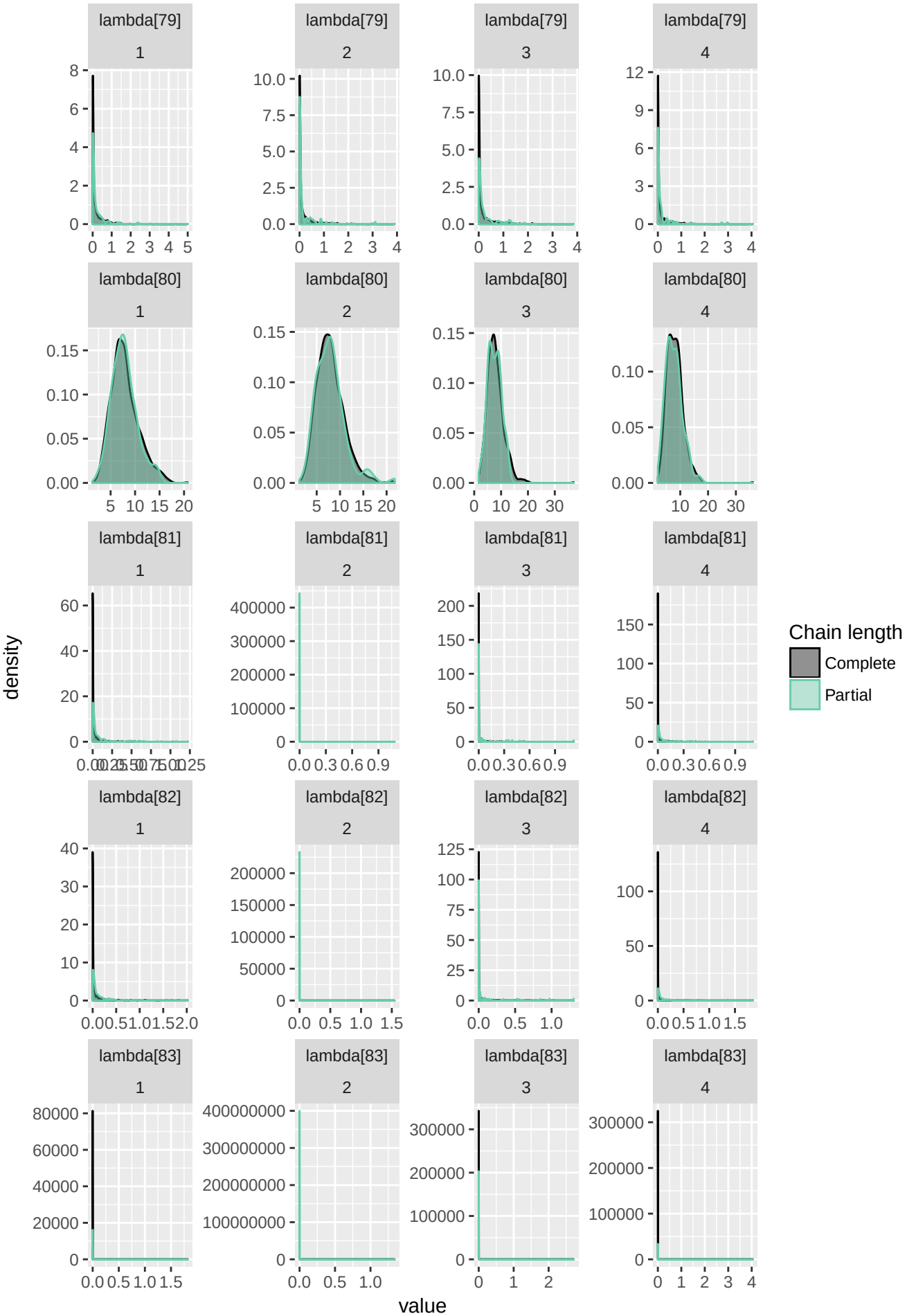

lambda[54]
1
2
3
4
lambda[55]
lambda[56]
lambda[57]
lambda[58]
density
value
Chain length
Complete
Partial

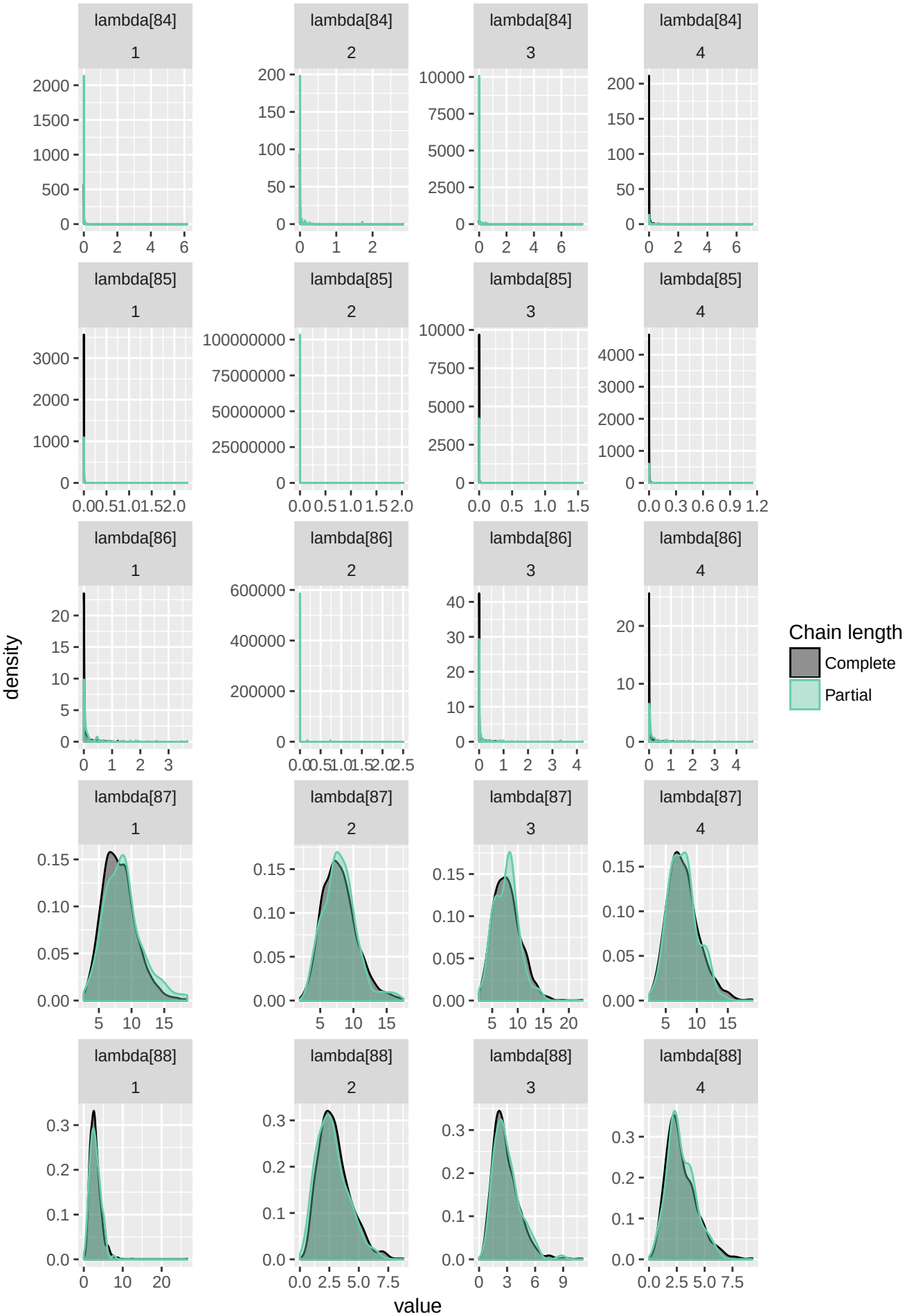

lambda[59] 1
lambda[59] 2
lambda[59] 3
lambda[59] 4
lambda[60] 1
lambda[60] 2
lambda[60] 3
lambda[60] 4
lambda[61] 1
lambda[61] 2
lambda[61] 3
lambda[61] 4
lambda[62] 1
lambda[62] 2
lambda[62] 3
lambda[62] 4
lambda[63] 1
lambda[63] 2
lambda[63] 3
lambda[63] 4
density
value
Chain length
Complete
Partial

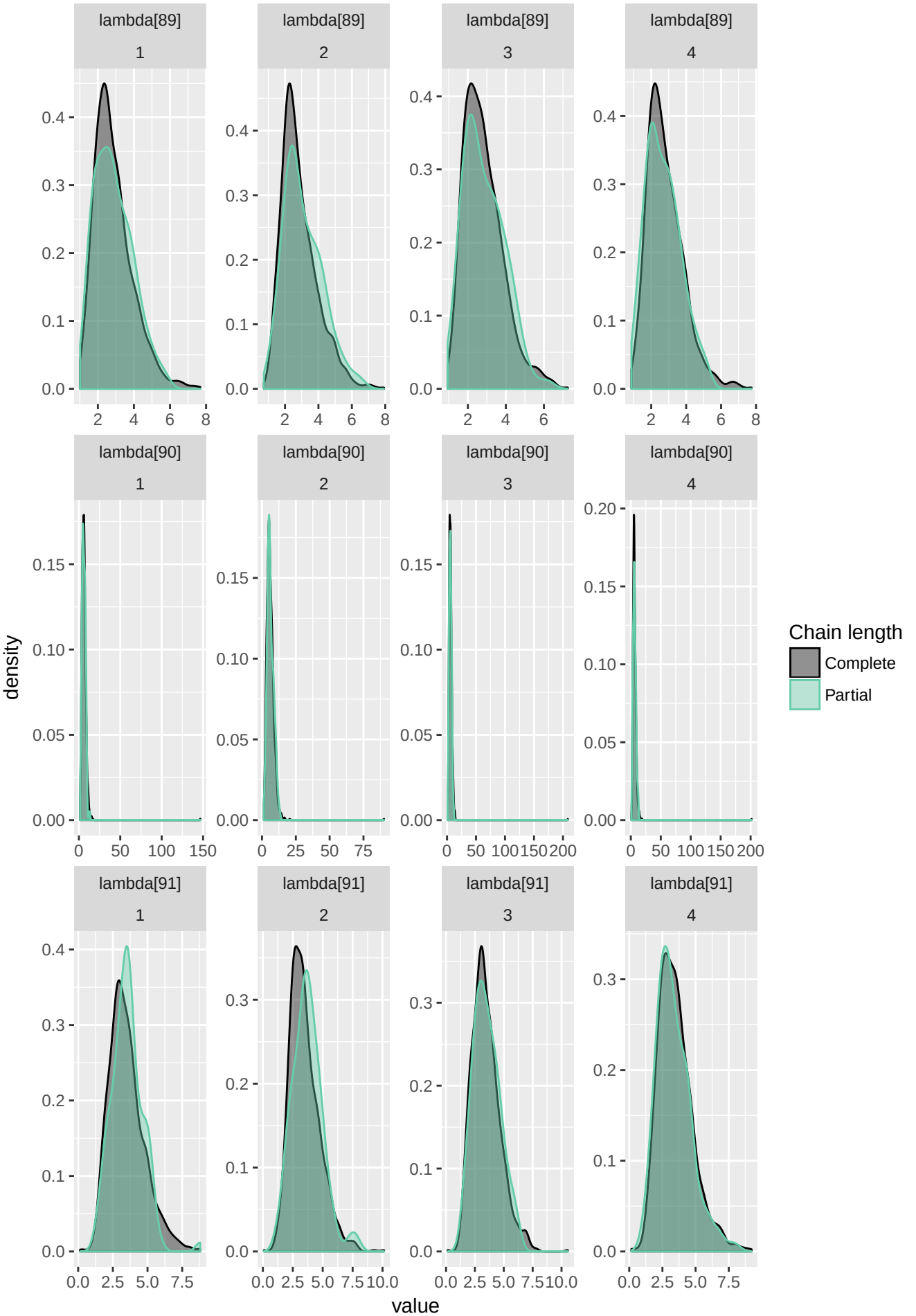

lambda[64] 1
lambda[64] 2
lambda[64] 3
lambda[64] 4
lambda[65] 1
lambda[65] 2
lambda[65] 3
lambda[65] 4
lambda[66] 1
lambda[66] 2
lambda[66] 3
lambda[66] 4
lambda[67] 1
lambda[67] 2
lambda[67] 3
lambda[67] 4
lambda[68] 1
lambda[68] 2
lambda[68] 3
lambda[68] 4
density
value
Chain length
Complete
Partial

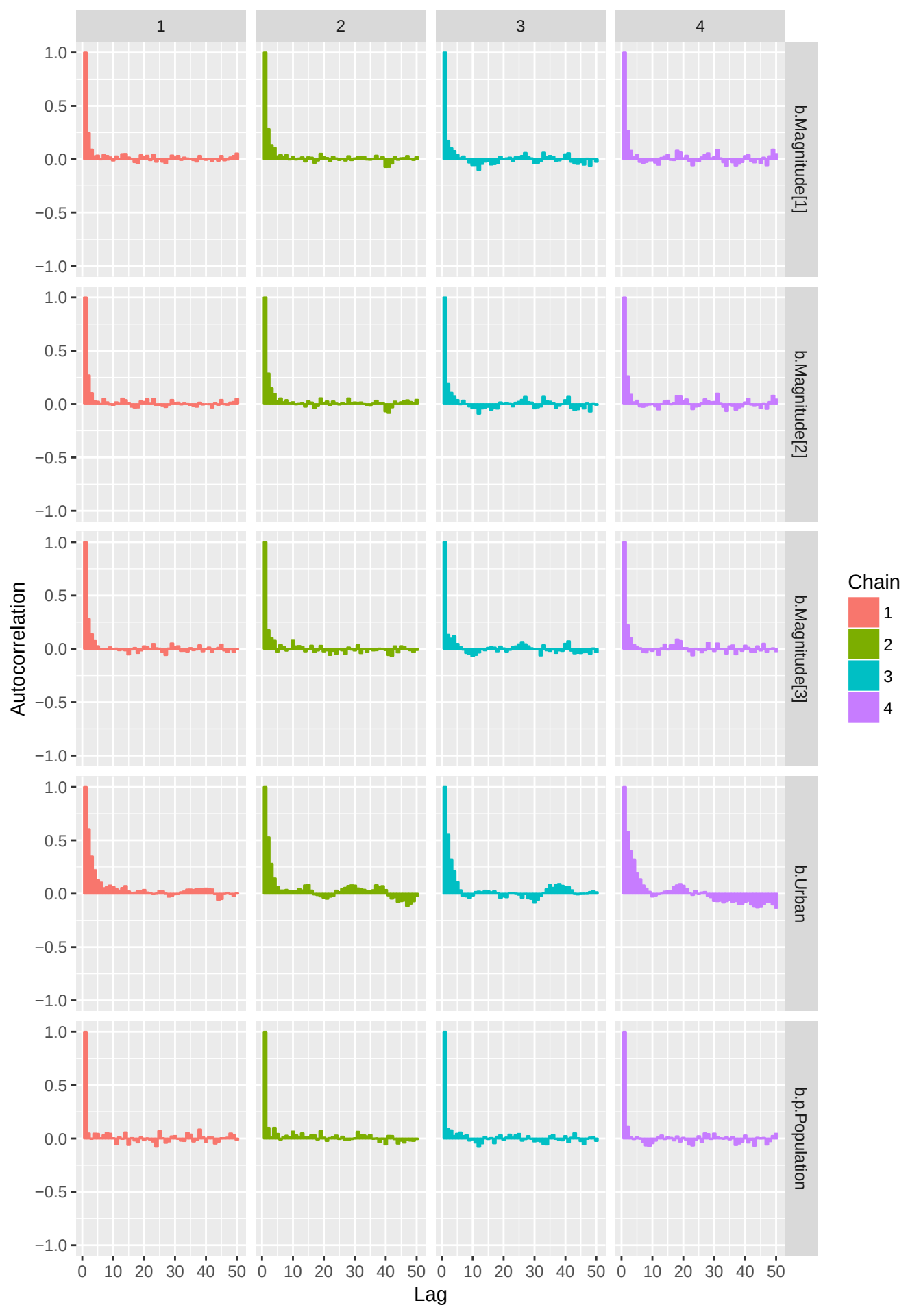

lambda[69]
1
lambda[69]
2
lambda[69]
3
lambda[69]
4
lambda[70]
1
lambda[70]
2
lambda[70]
3
lambda[70]
4
lambda[71]
1
lambda[71]
2
lambda[71]
3
lambda[71]
4
lambda[72]
1
lambda[72]
2
lambda[72]
3
lambda[72]
4
lambda[73]
1
lambda[73]
2
lambda[73]
3
lambda[73]
4
density
value
Chain length
Complete
Partial

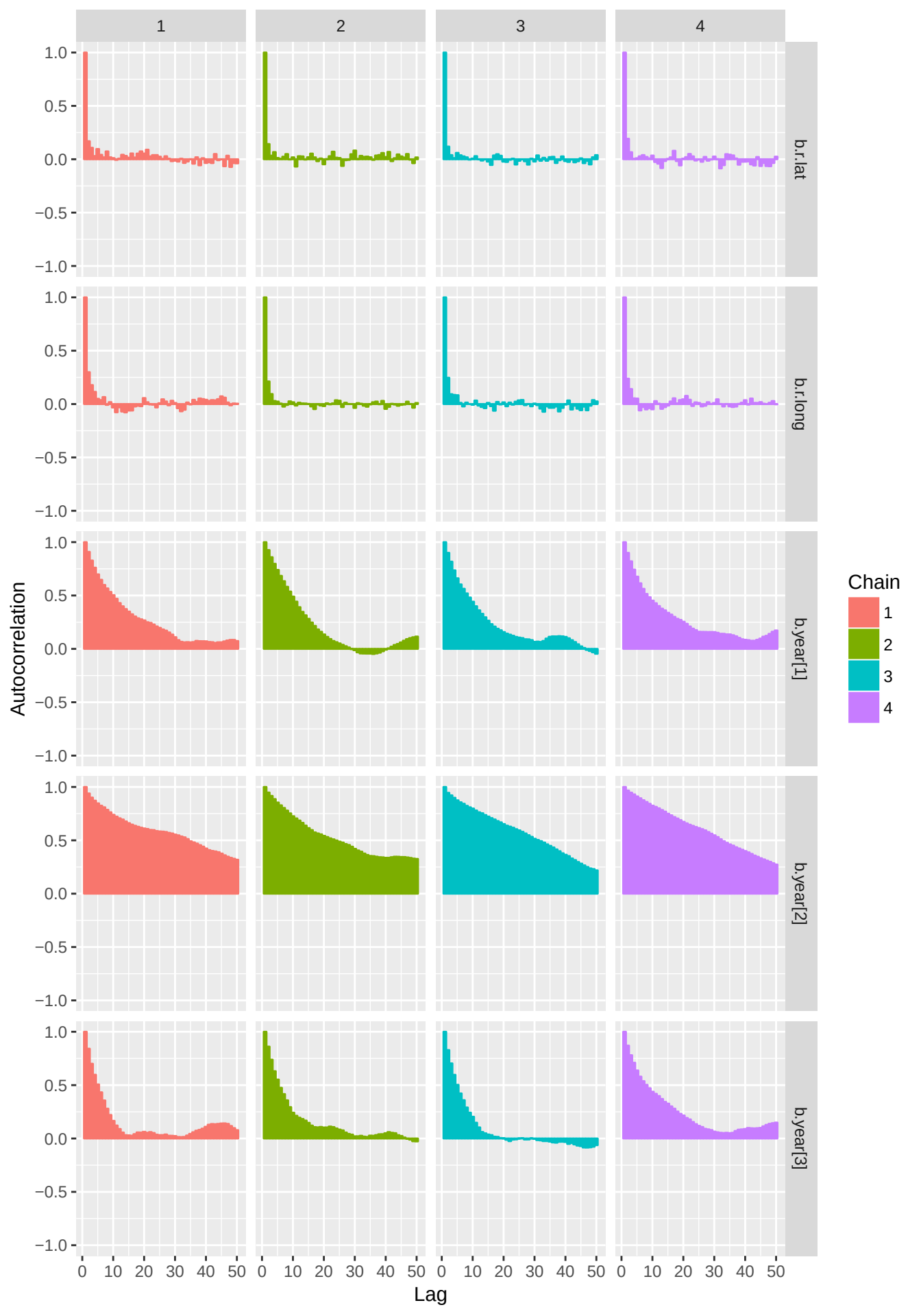

lambda[74]
1
lambda[74]
2
lambda[74]
3
lambda[74]
4
lambda[75]
1
lambda[75]
2
lambda[75]
3
lambda[75]
4
lambda[76]
1
lambda[76]
2
lambda[76]
3
lambda[76]
4
lambda[77]
1
lambda[77]
2
lambda[77]
3
lambda[77]
4
lambda[78]
1
lambda[78]
2
lambda[78]
3
lambda[78]
4
density
value
Chain length
Complete
Partial

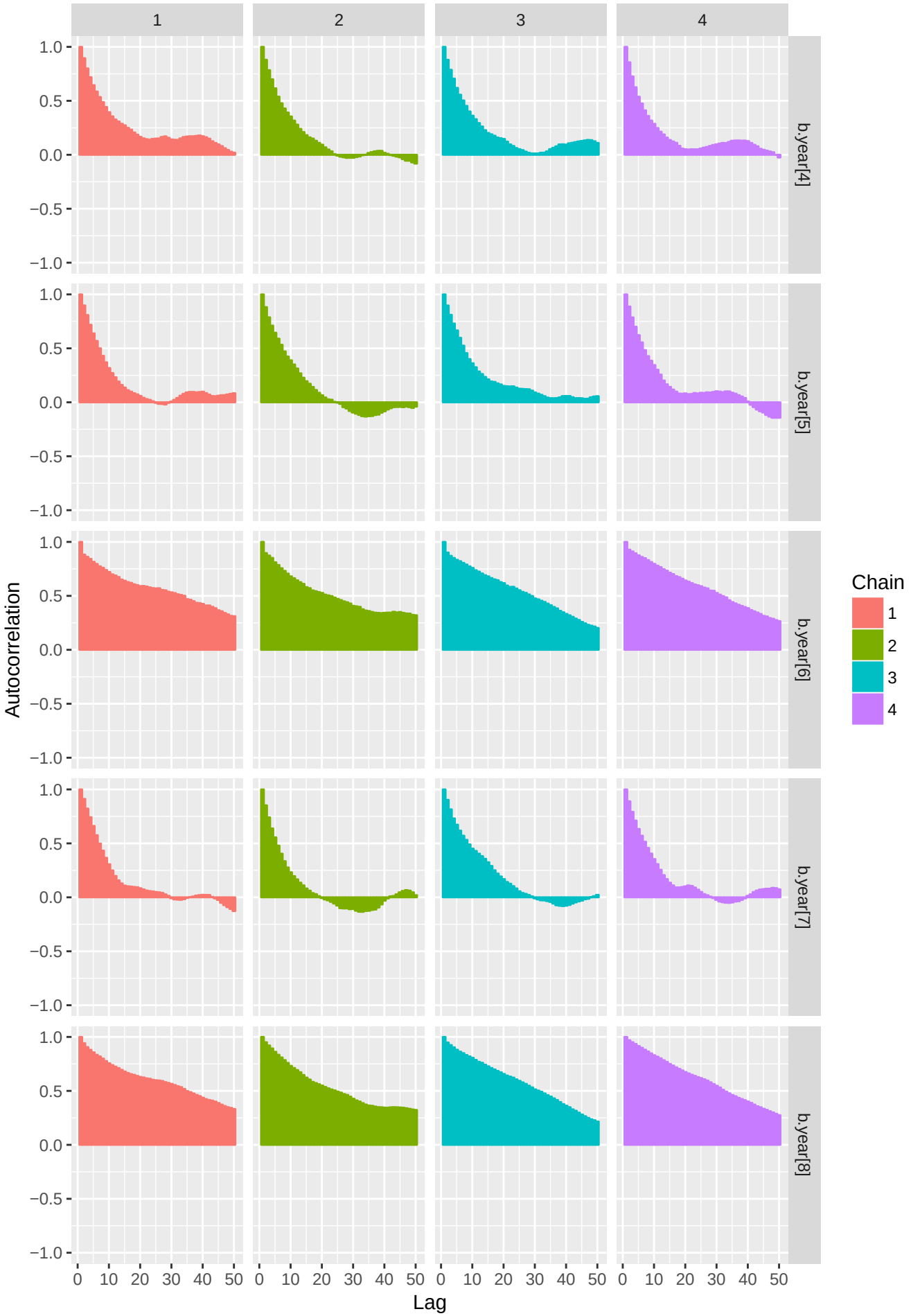

lambda[79]
1
lambda[79]
2
lambda[79]
3
lambda[79]
4
lambda[80]
1
lambda[80]
2
lambda[80]
3
lambda[80]
4
lambda[81]
1
lambda[81]
2
lambda[81]
3
lambda[81]
4
lambda[82]
1
lambda[82]
2
lambda[82]
3
lambda[82]
4
lambda[83]
1
lambda[83]
2
lambda[83]
3
lambda[83]
4
density
value
Chain length
Complete
Partial

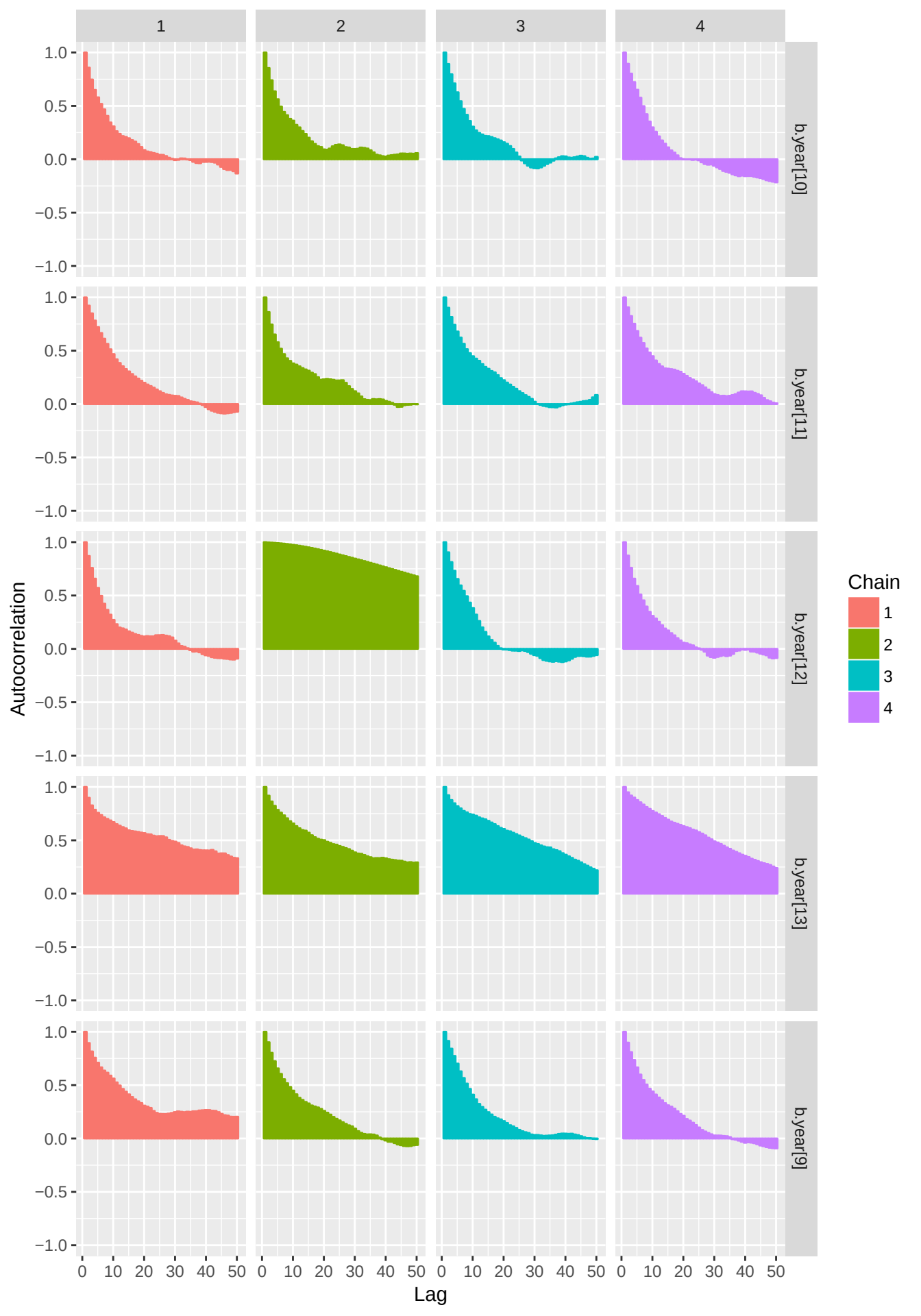

lambda[84]
1
2
3
4
lambda[85]
lambda[86]
lambda[87]
lambda[88]
density
value
Chain length
Complete
Partial

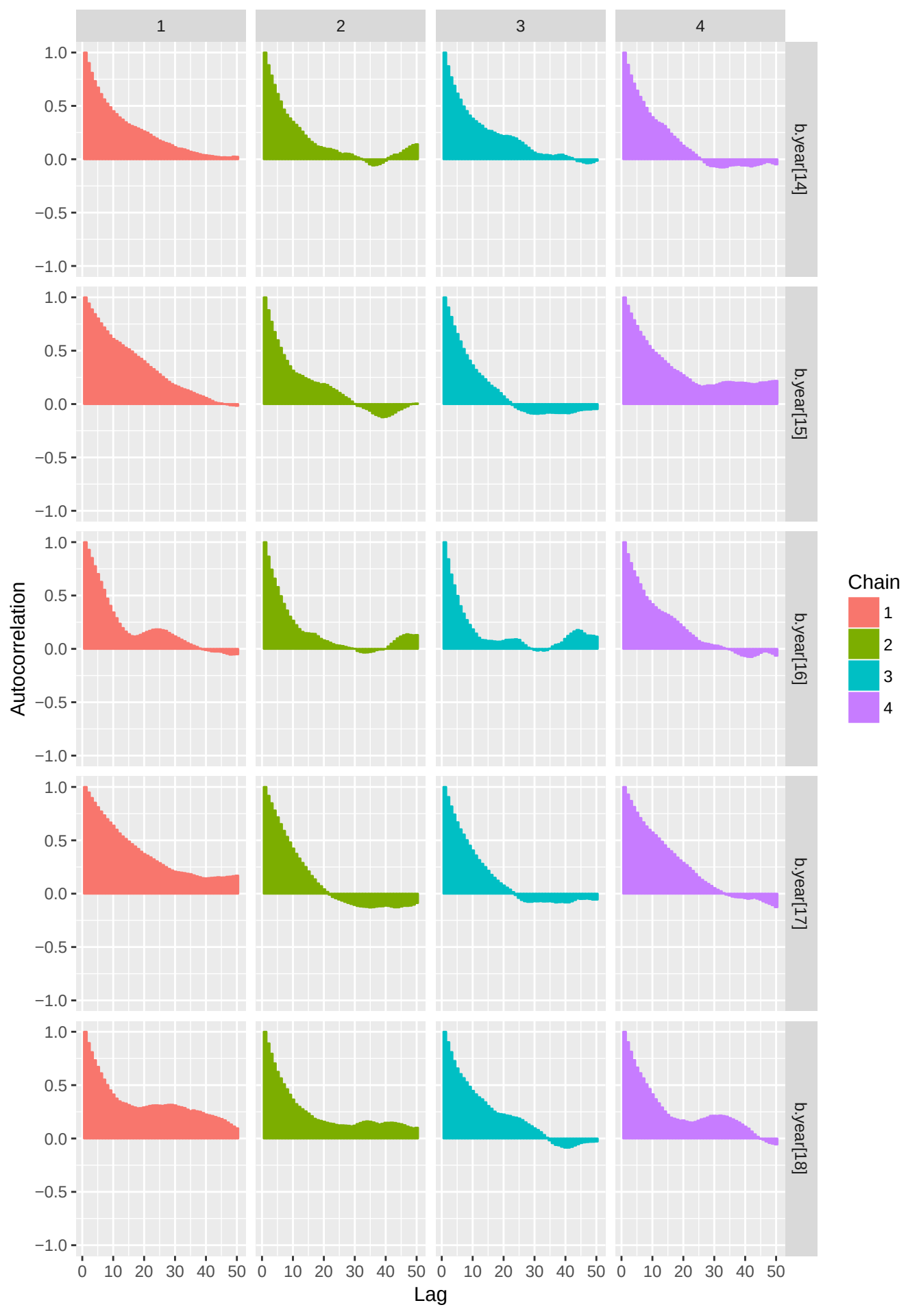

lambda[89]
1
2
3
4
lambda[90]
lambda[91]
density
value
Chain length
Complete
Partial

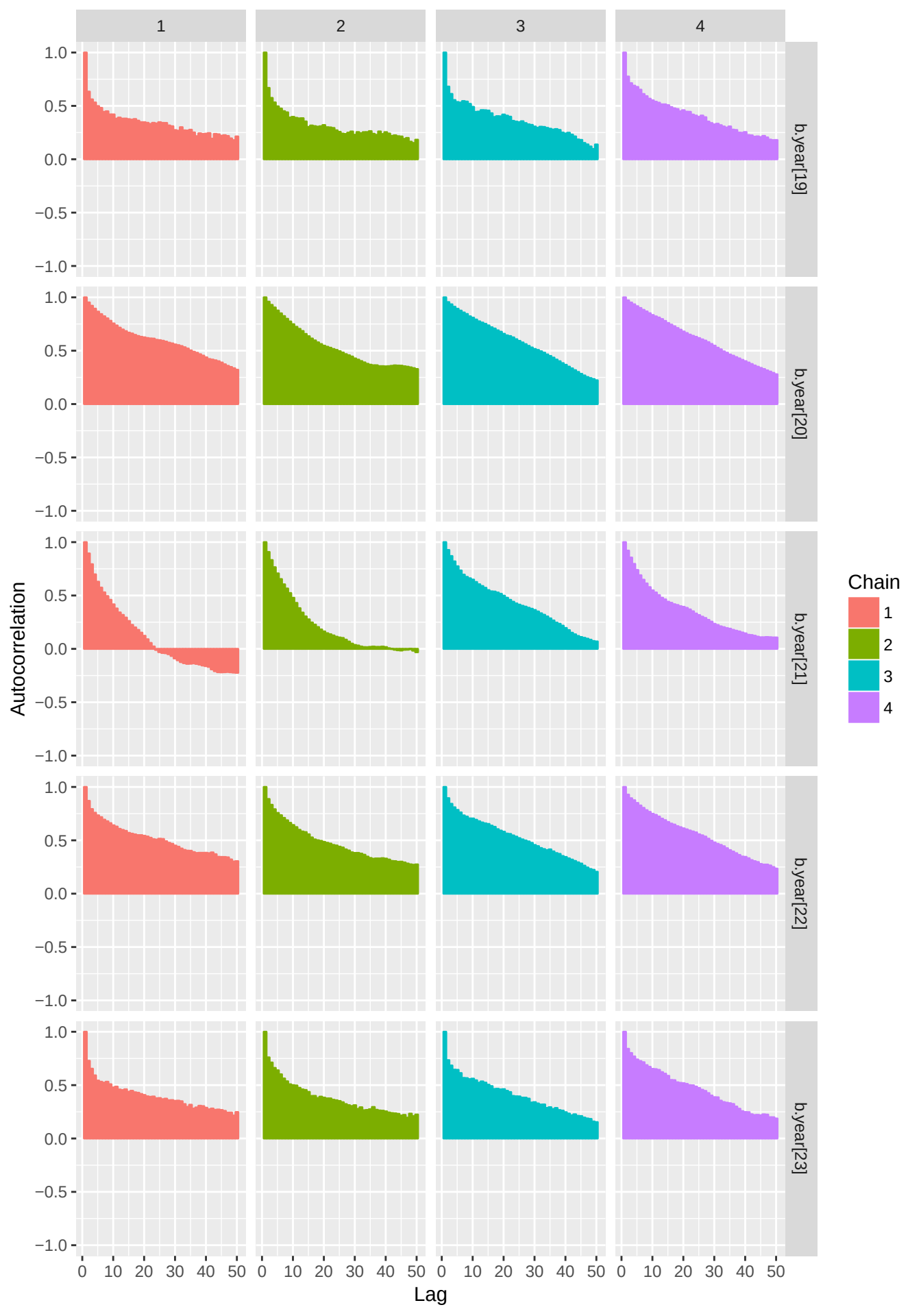

1
2
3
4
b.Magnitude[1]
b.Magnitude[2]
b.Magnitude[3]
b.Urban
b.p.Population
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3
4

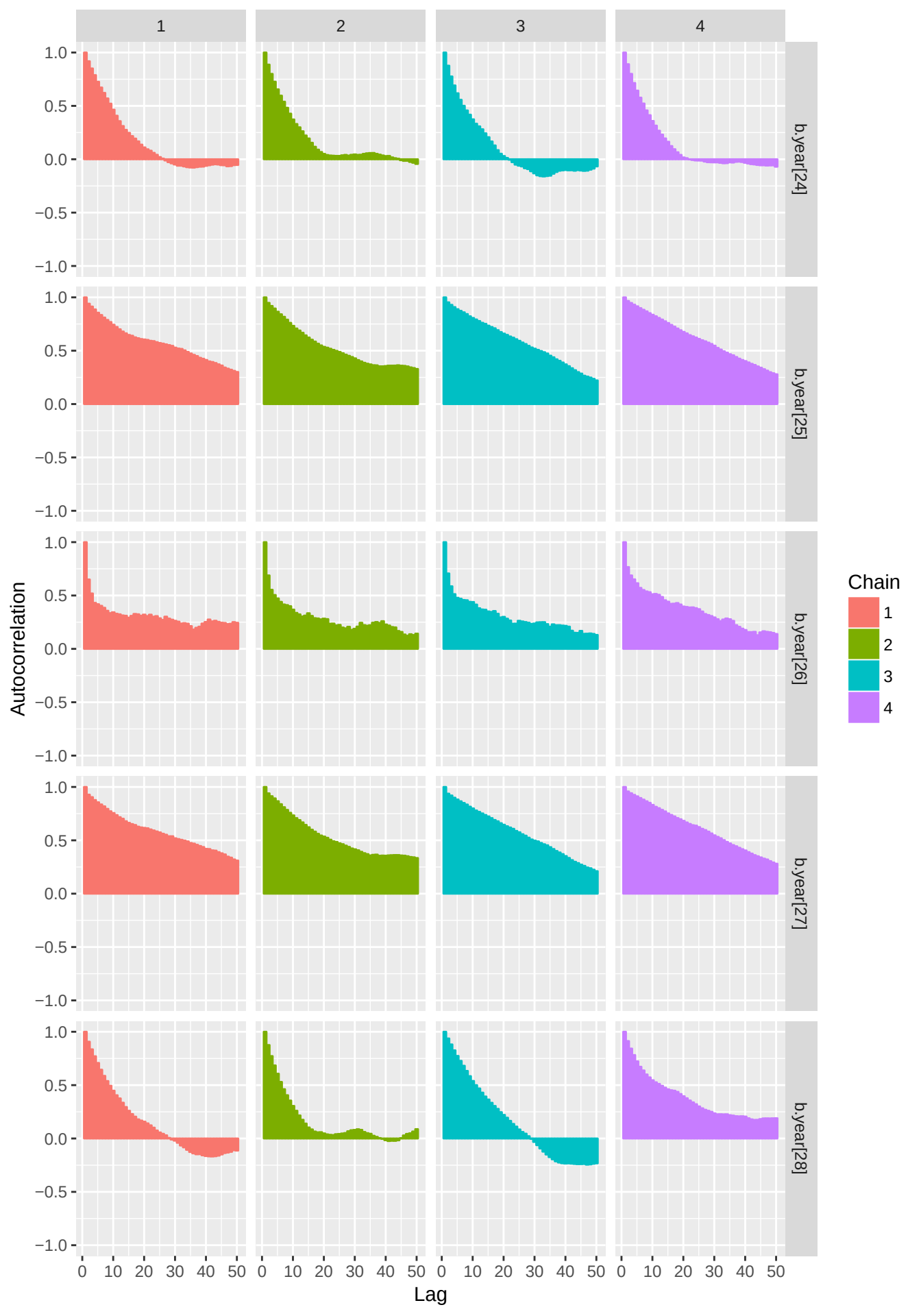

1
2
3
4
b.r.lat
b.r.long
b.year[1]
b.year[2]
b.year[3]
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3
4

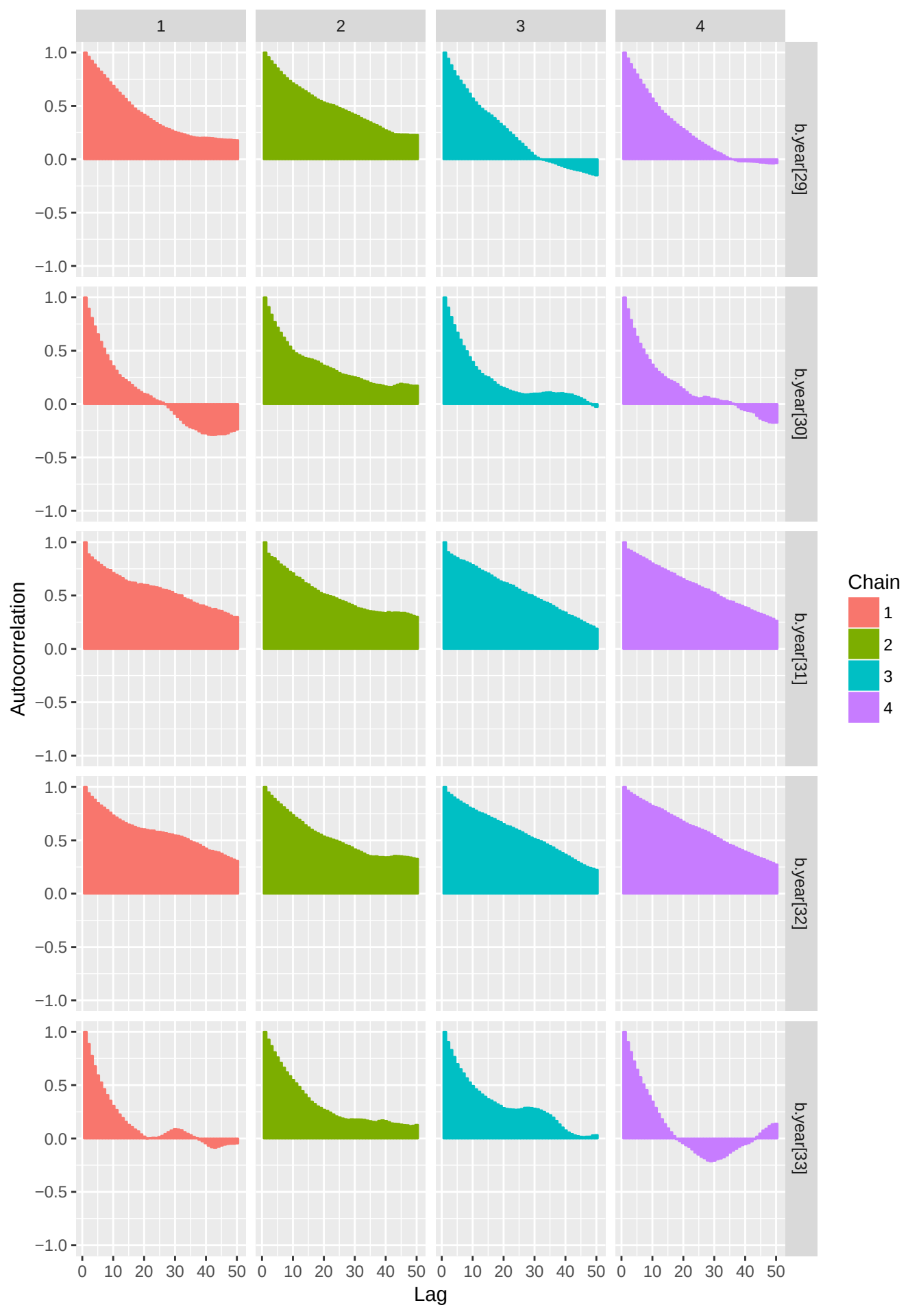

1
2
3
4
b.year[4]
b.year[5]
b.year[6]
b.year[7]
b.year[8]
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3
4

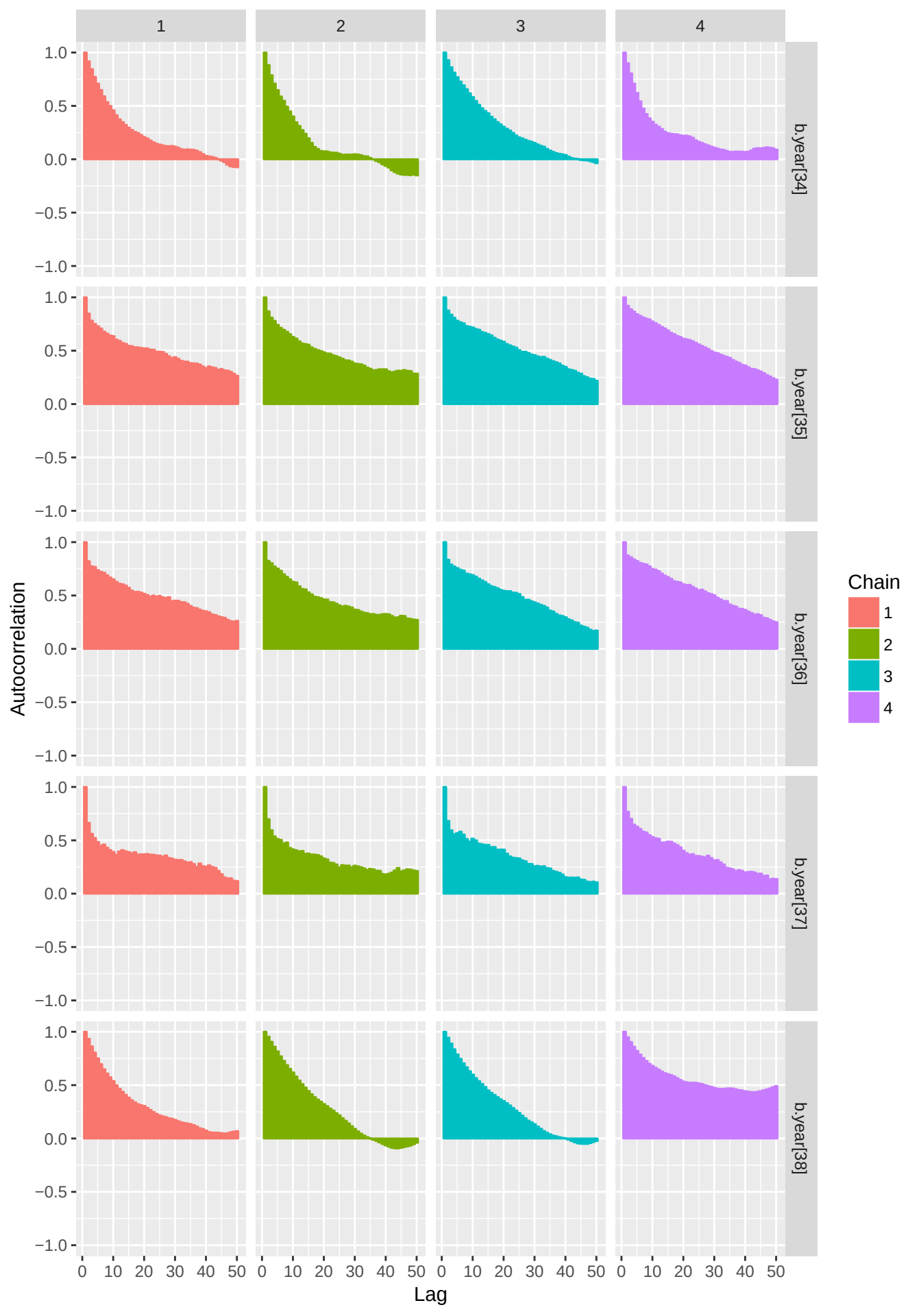

1
2
3
4
b.year[10]
b.year[11]
b.year[12]
b.year[13]
b.year[9]
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3
4

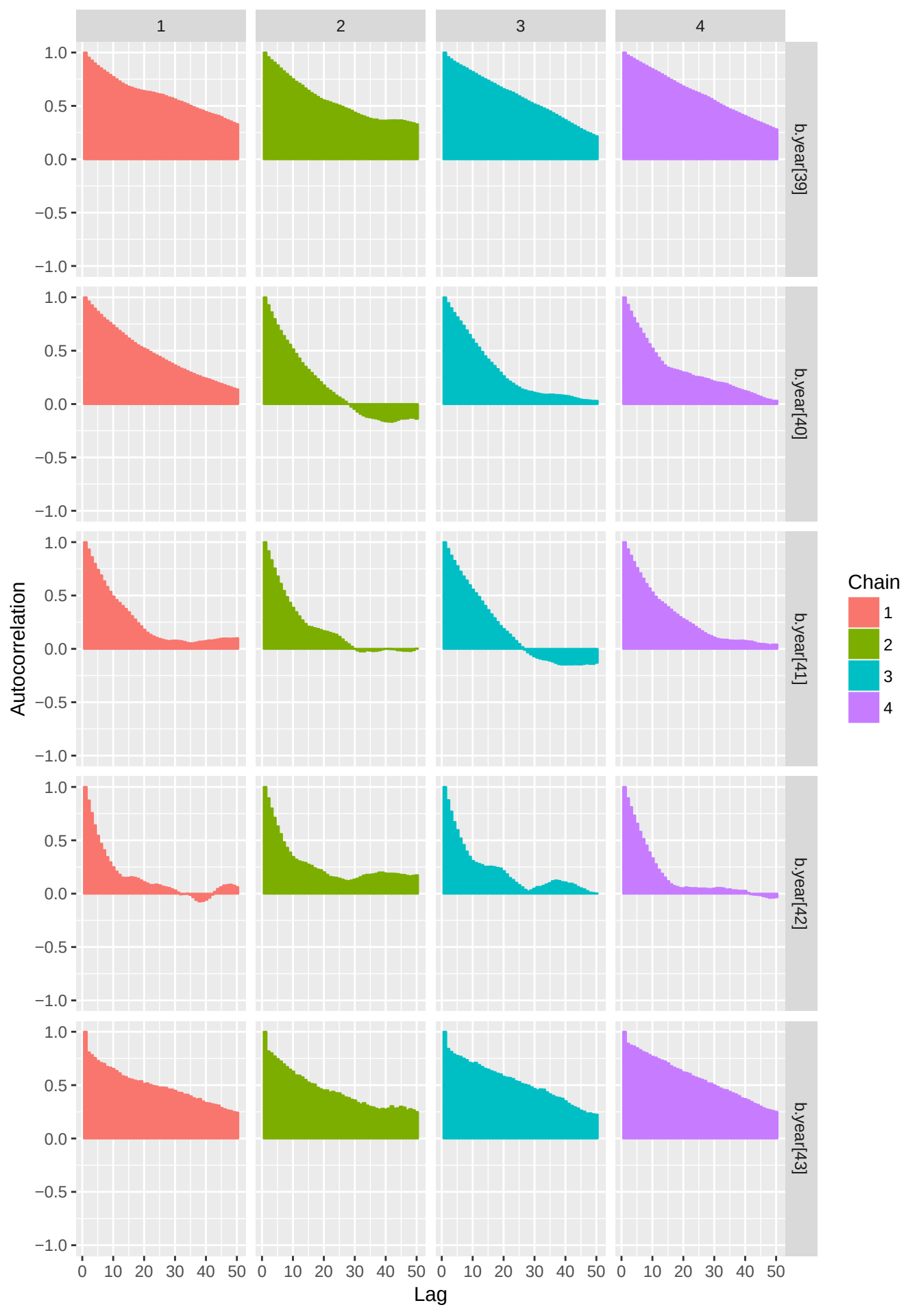

1
2
3
4
b.year[14]
b.year[15]
b.year[16]
b.year[17]
b.year[18]
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3
4

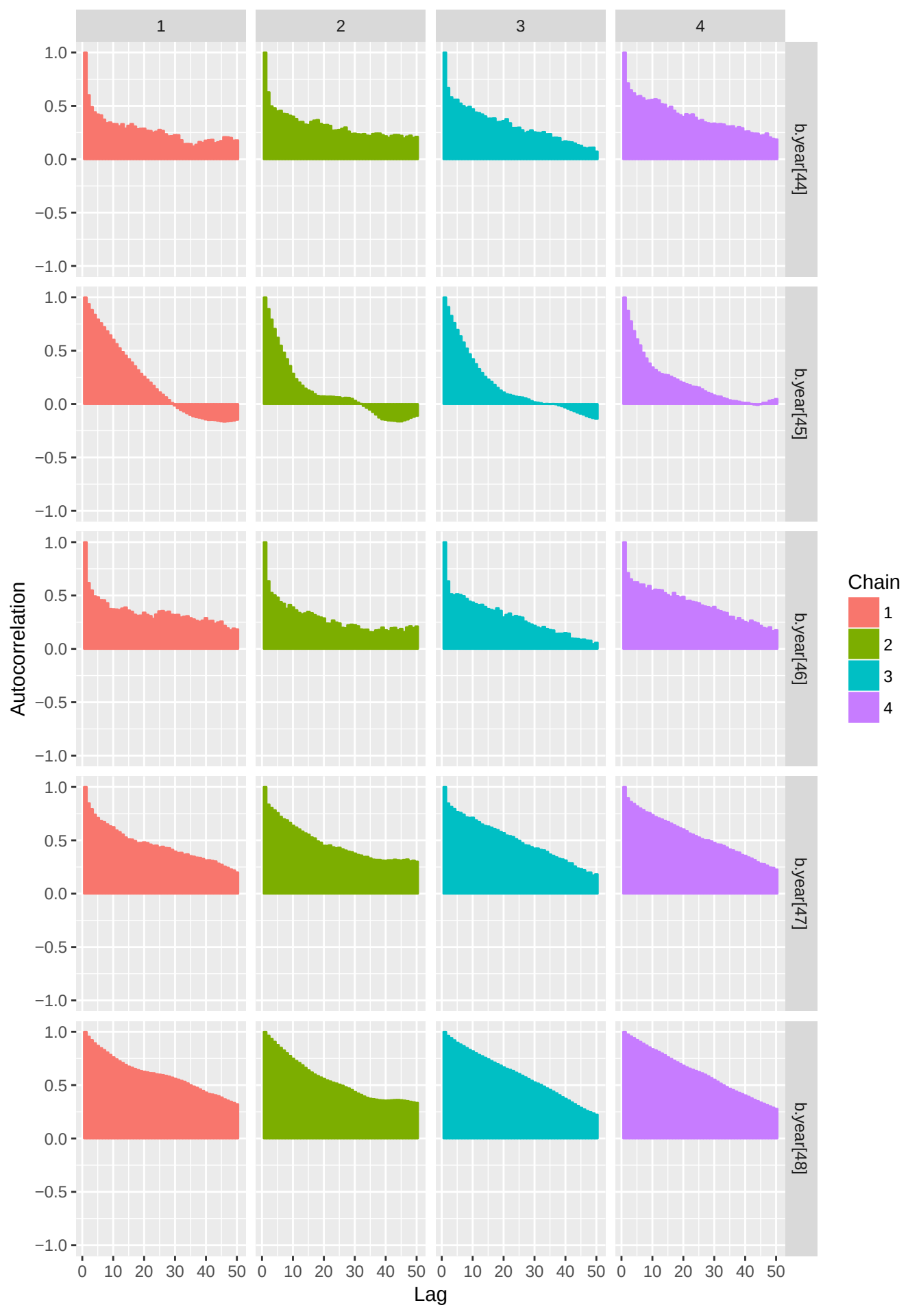

1
2
3
4
b.year[19]
b.year[20]
b.year[21]
b.year[22]
b.year[23]
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3
4

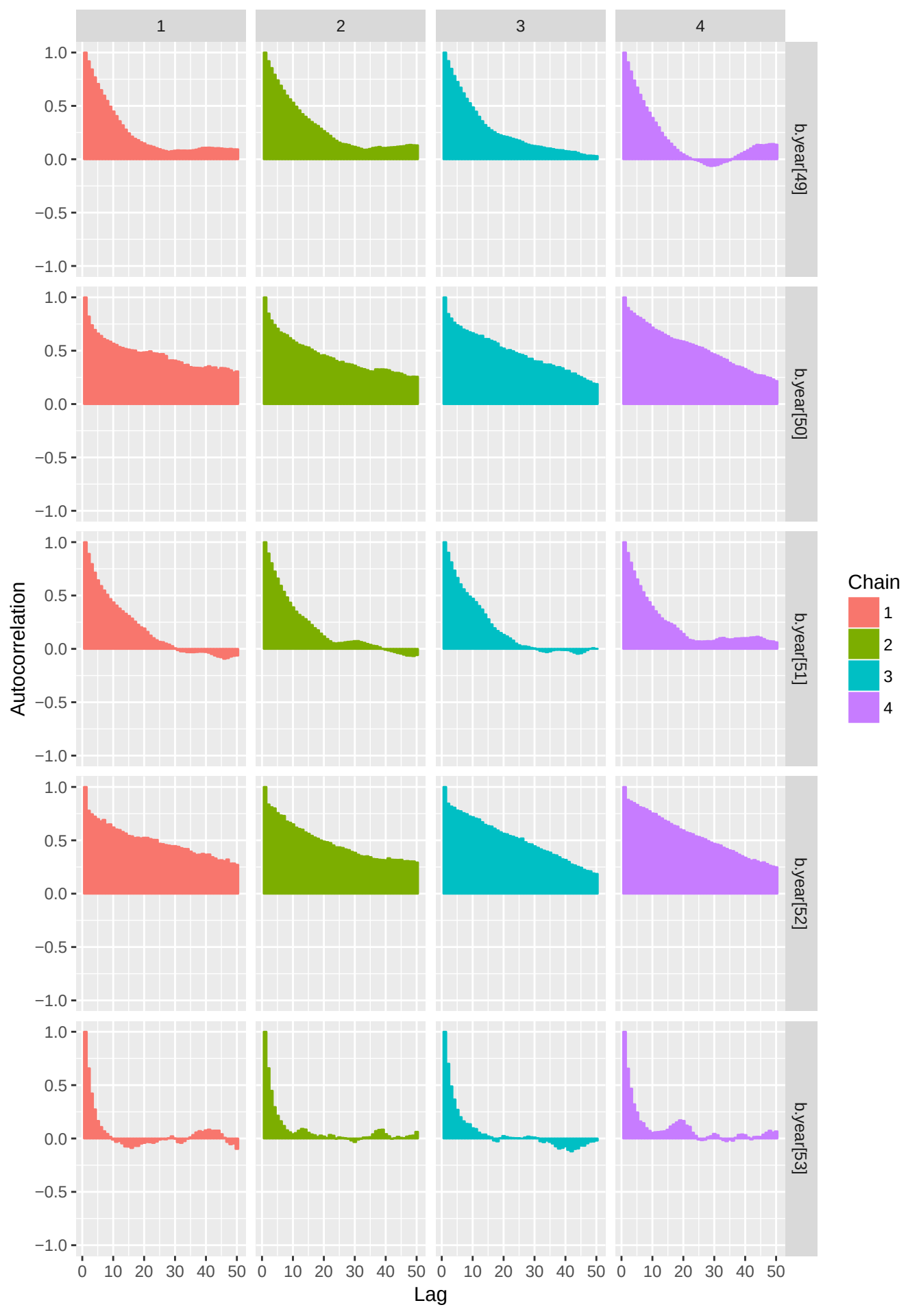

1
2
3
4
b.year[24]
b.year[25]
b.year[26]
b.year[27]
b.year[28]
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3
4

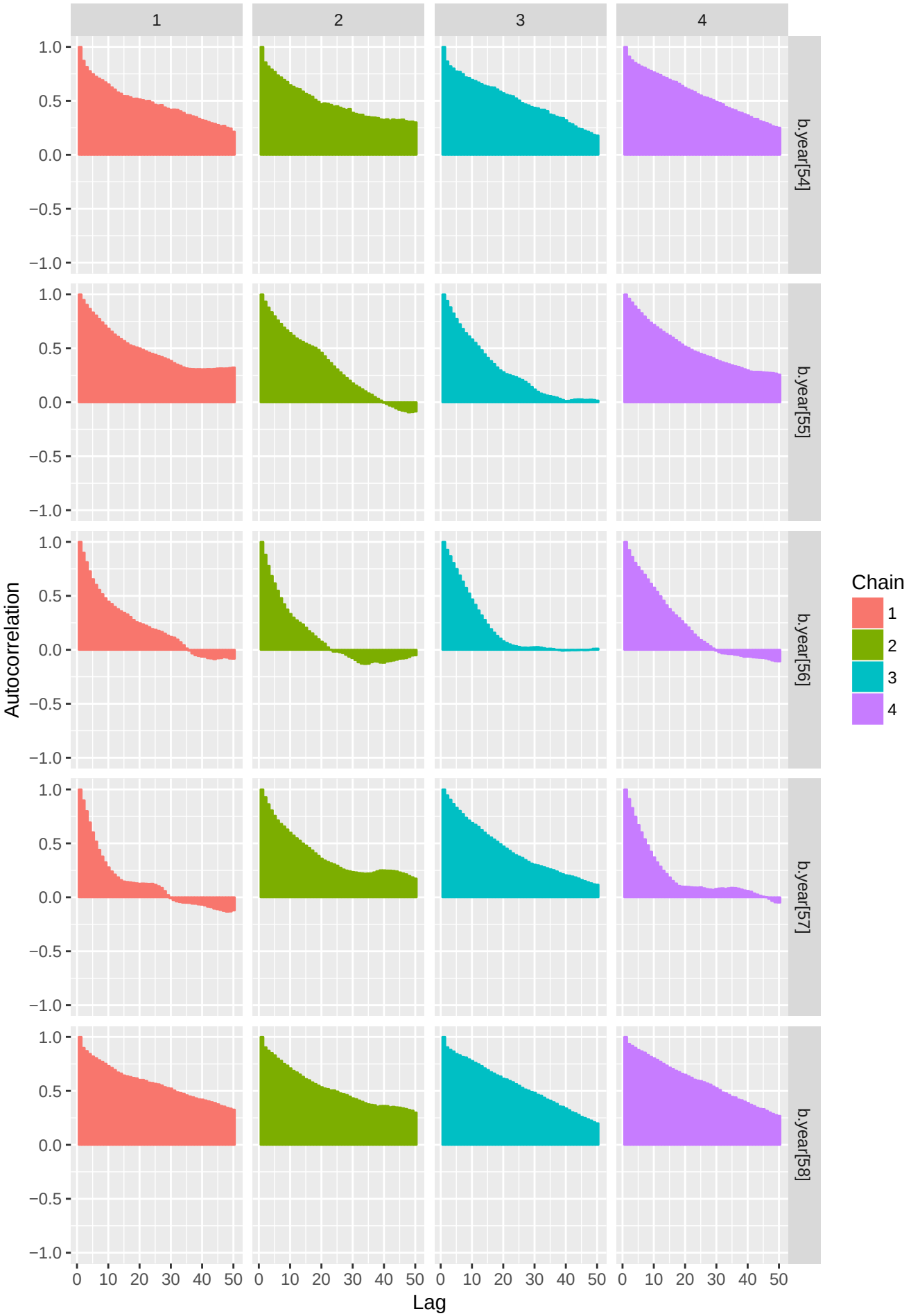

1
2
3
4
b.year[29]
b.year[30]
b.year[31]
b.year[32]
b.year[33]
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3
4

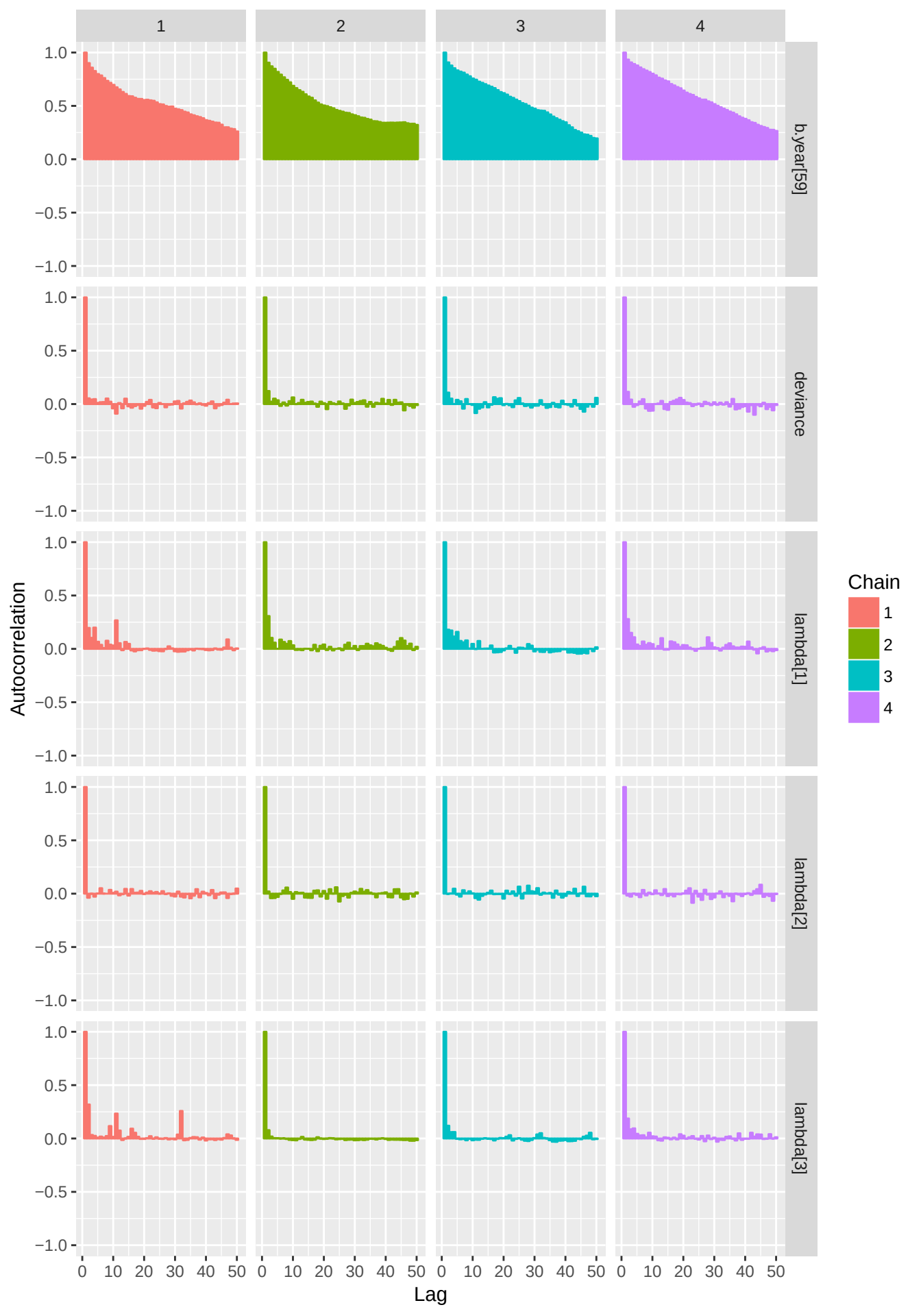

1
2
3
4
b.year[34]
b.year[35]
b.year[36]
b.year[37]
b.year[38]
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3
4

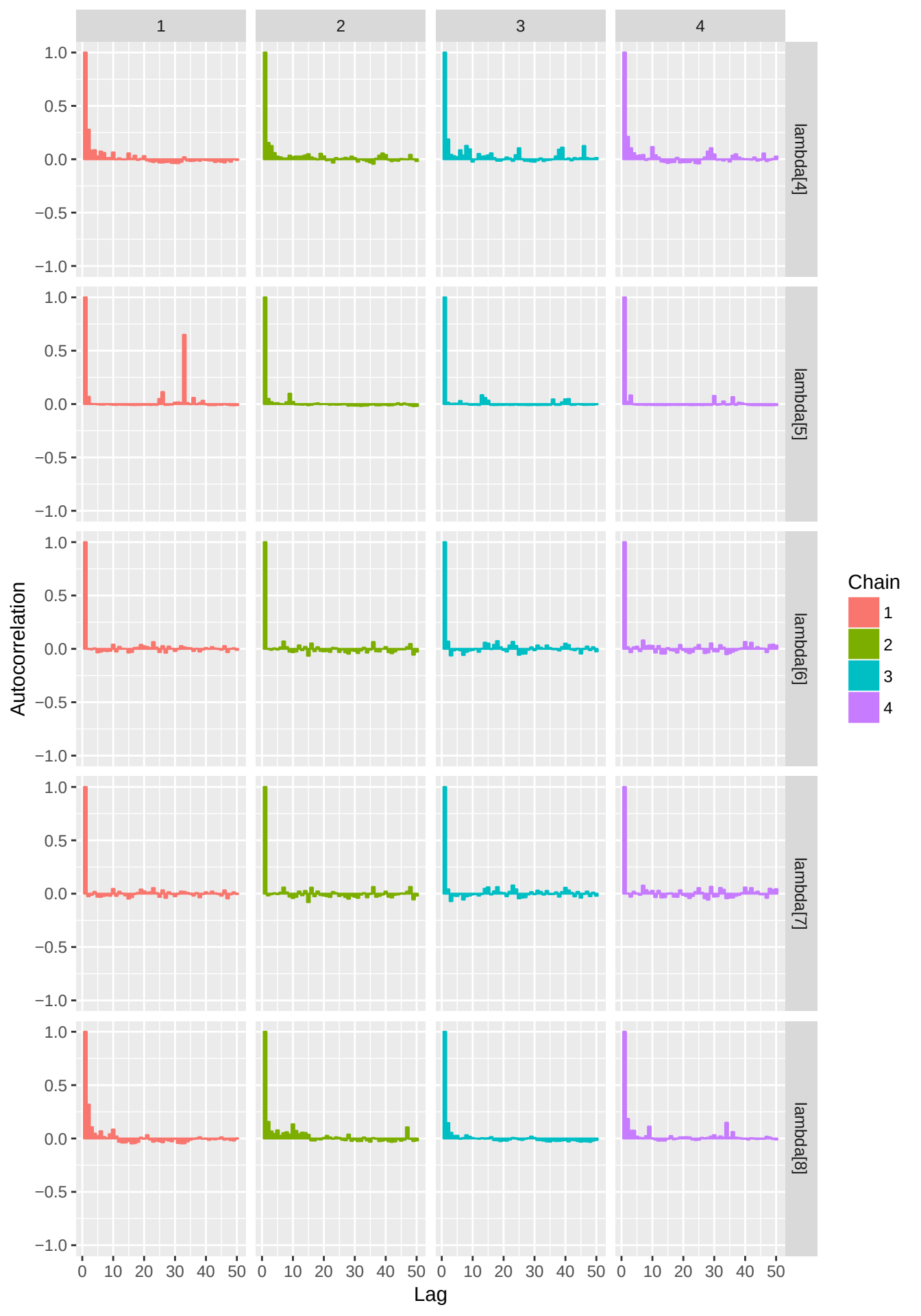

1
2
3
4
b.year[39]
b.year[40]
b.year[41]
b.year[42]
b.year[43]
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3
4

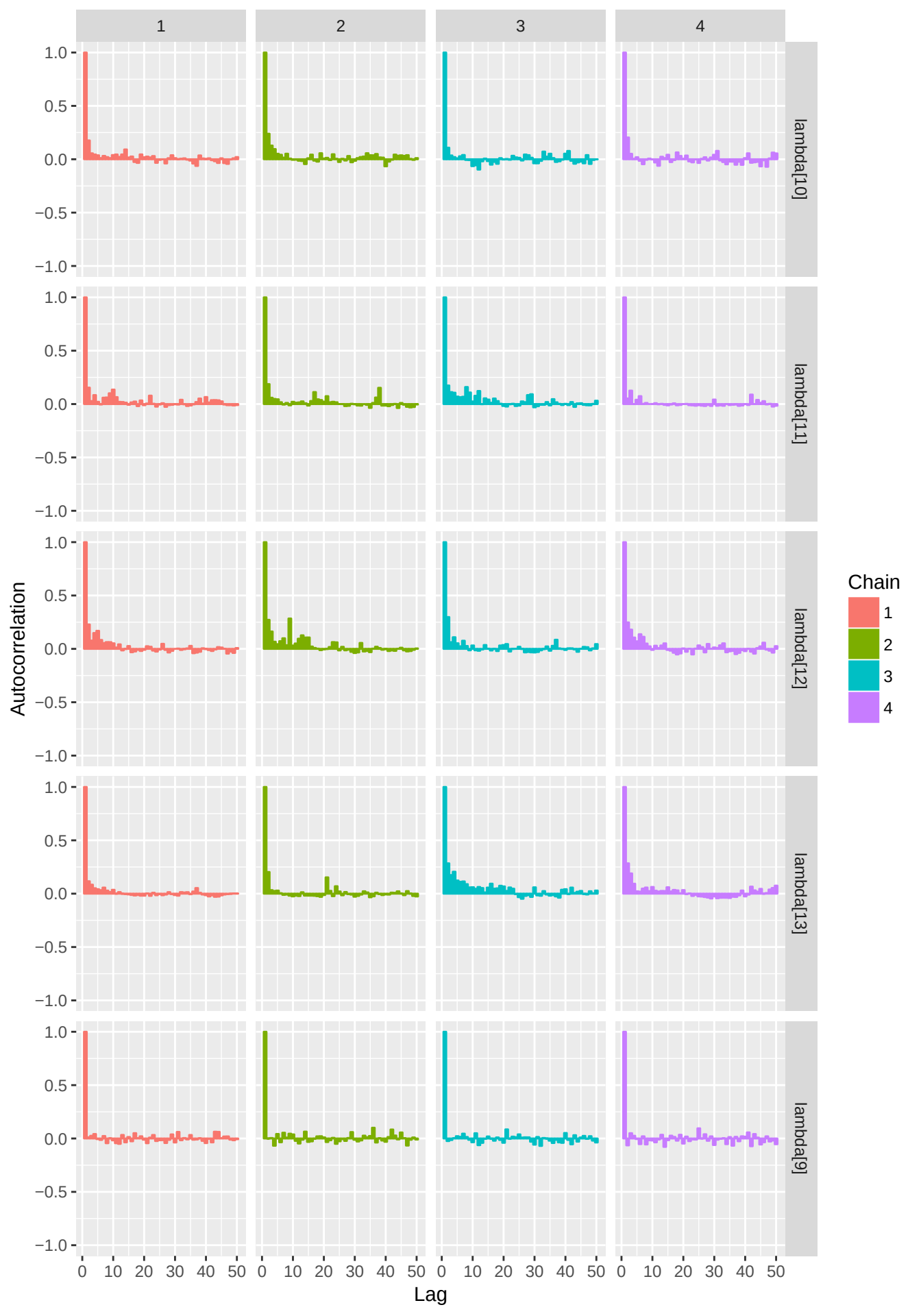

1
2
3
4
b.year[44]
b.year[45]
b.year[46]
b.year[47]
b.year[48]
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3
4

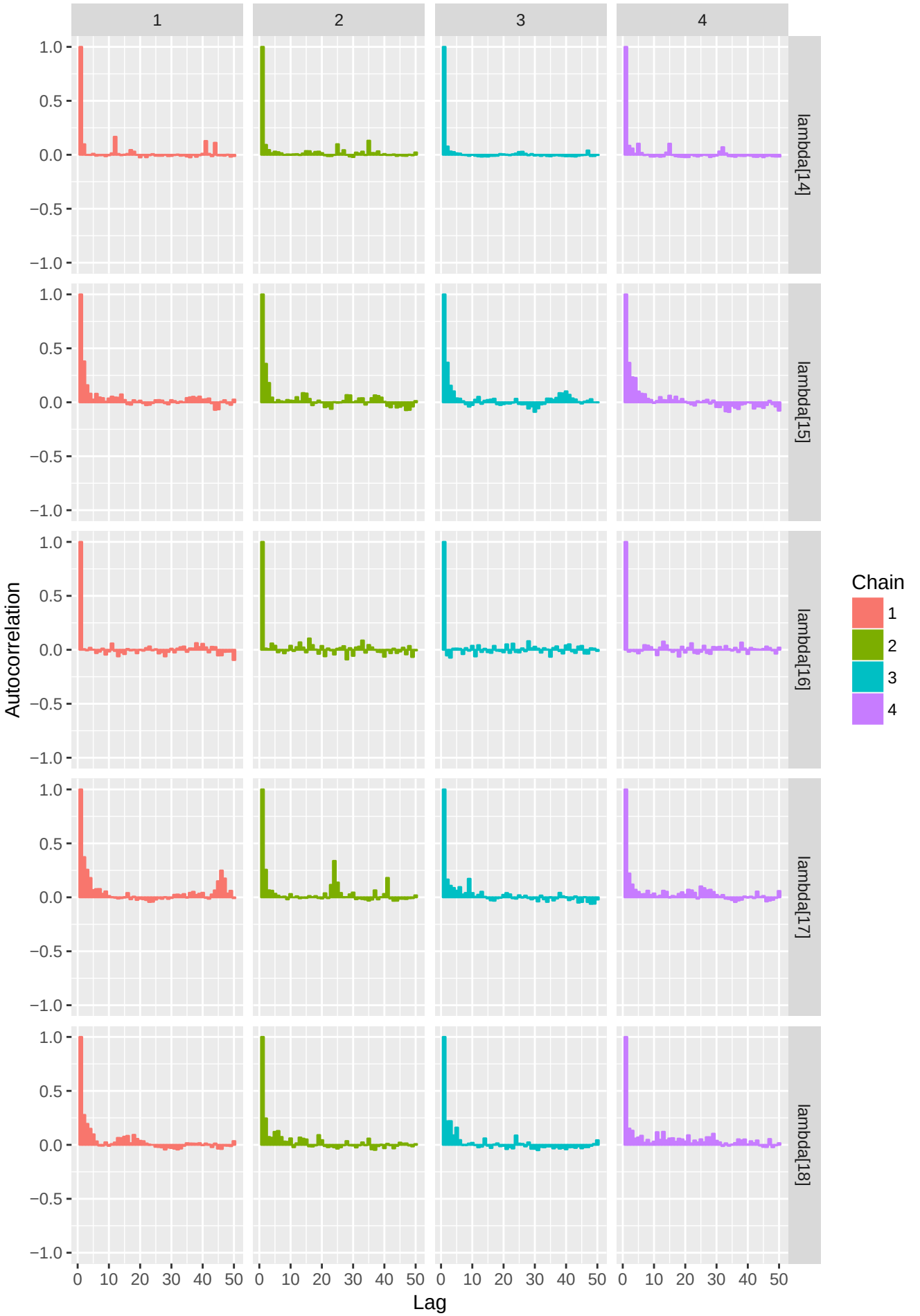

1
2
3
4
b.year[49]
b.year[50]
b.year[51]
b.year[52]
b.year[53]
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3
4

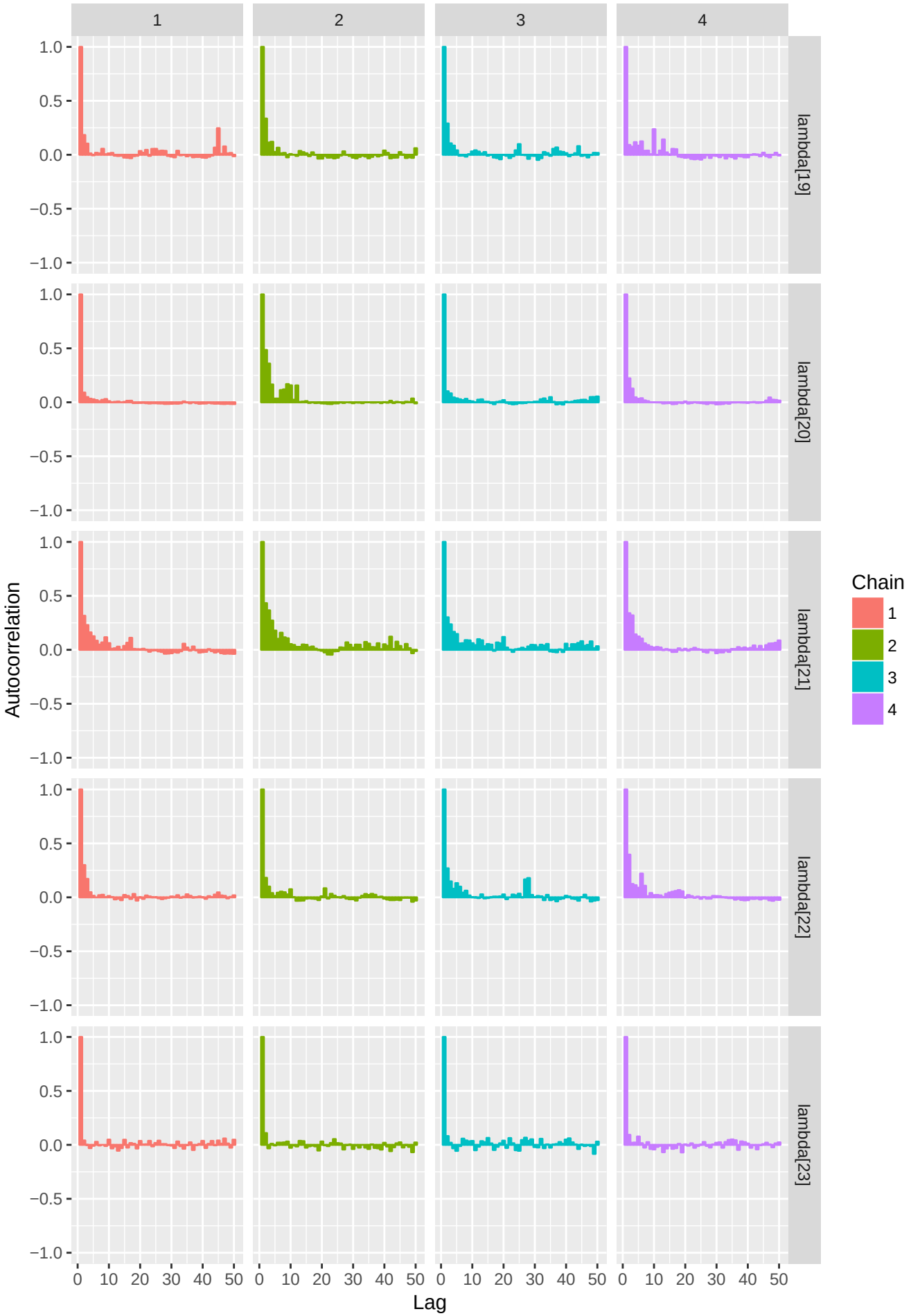

1
2
3
4
b.year[54]
b.year[55]
b.year[56]
b.year[57]
b.year[58]
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3
4

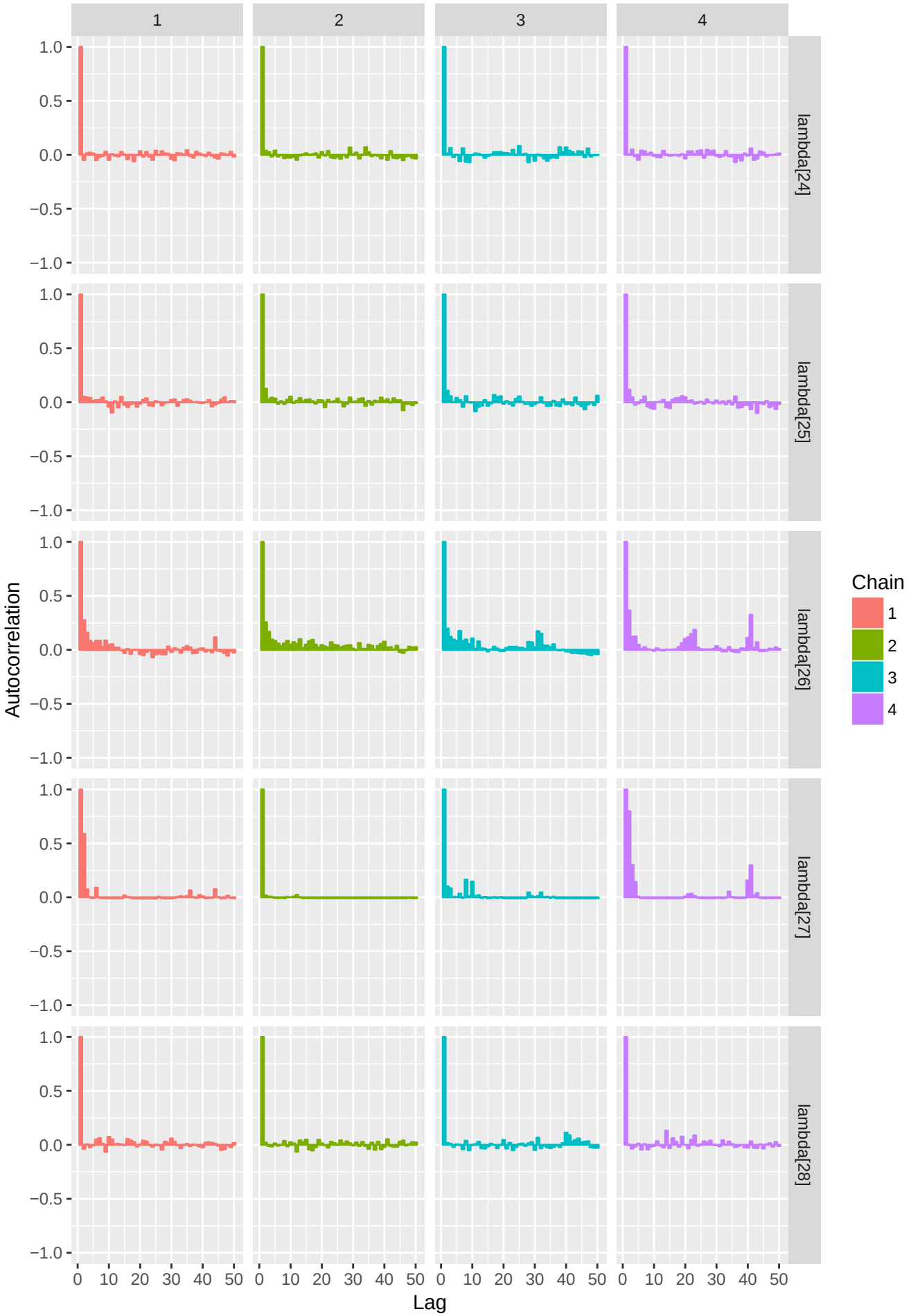

1
2
3
4
b.year[59]
deviance
lambda[1]
lambda[2]
lambda[3]
Autocorrelation
Lag
Chain
1
2
3
4
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50

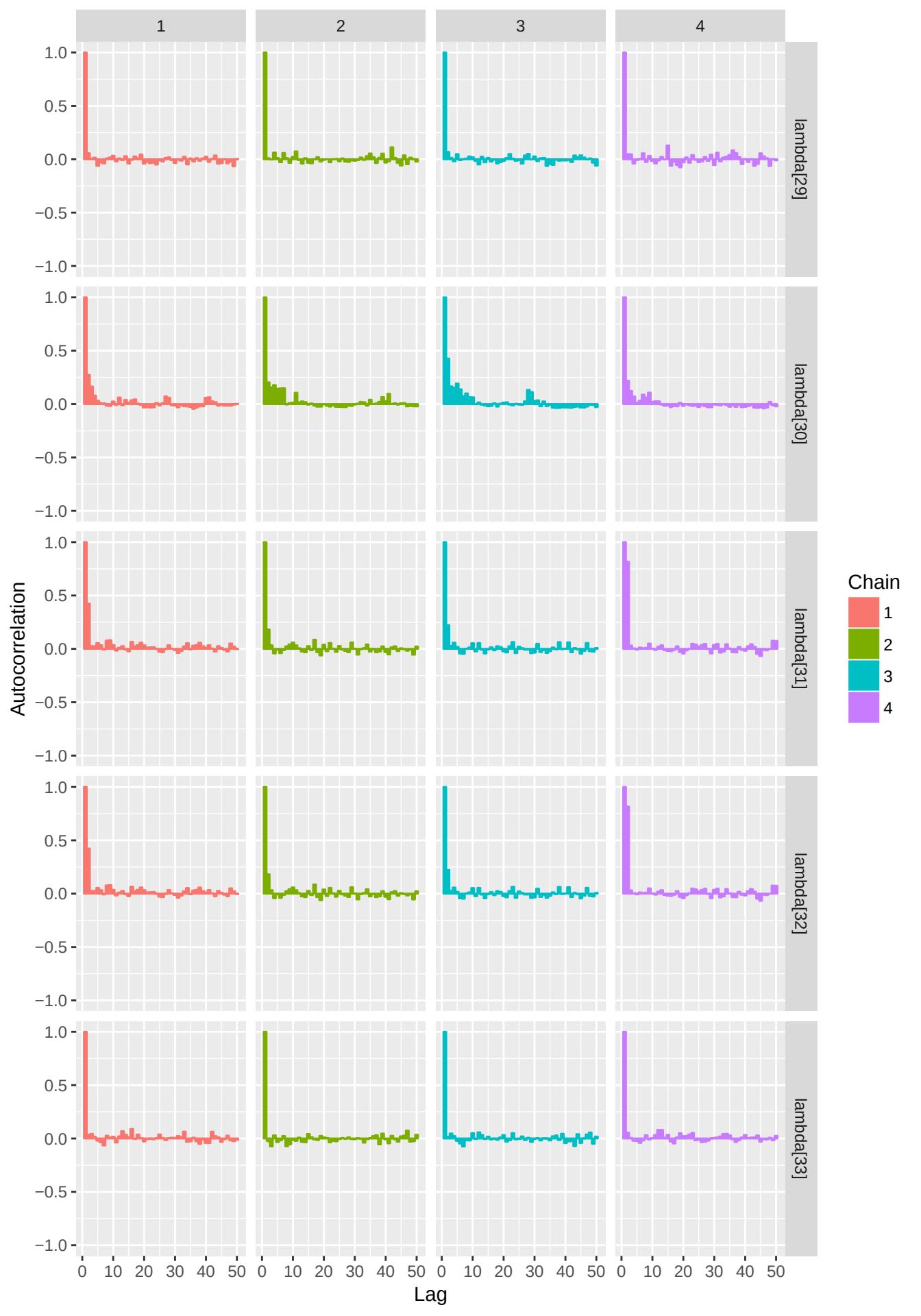

1
2
3
4
lambda[4]
lambda[5]
lambda[6]
lambda[7]
lambda[8]
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3
4

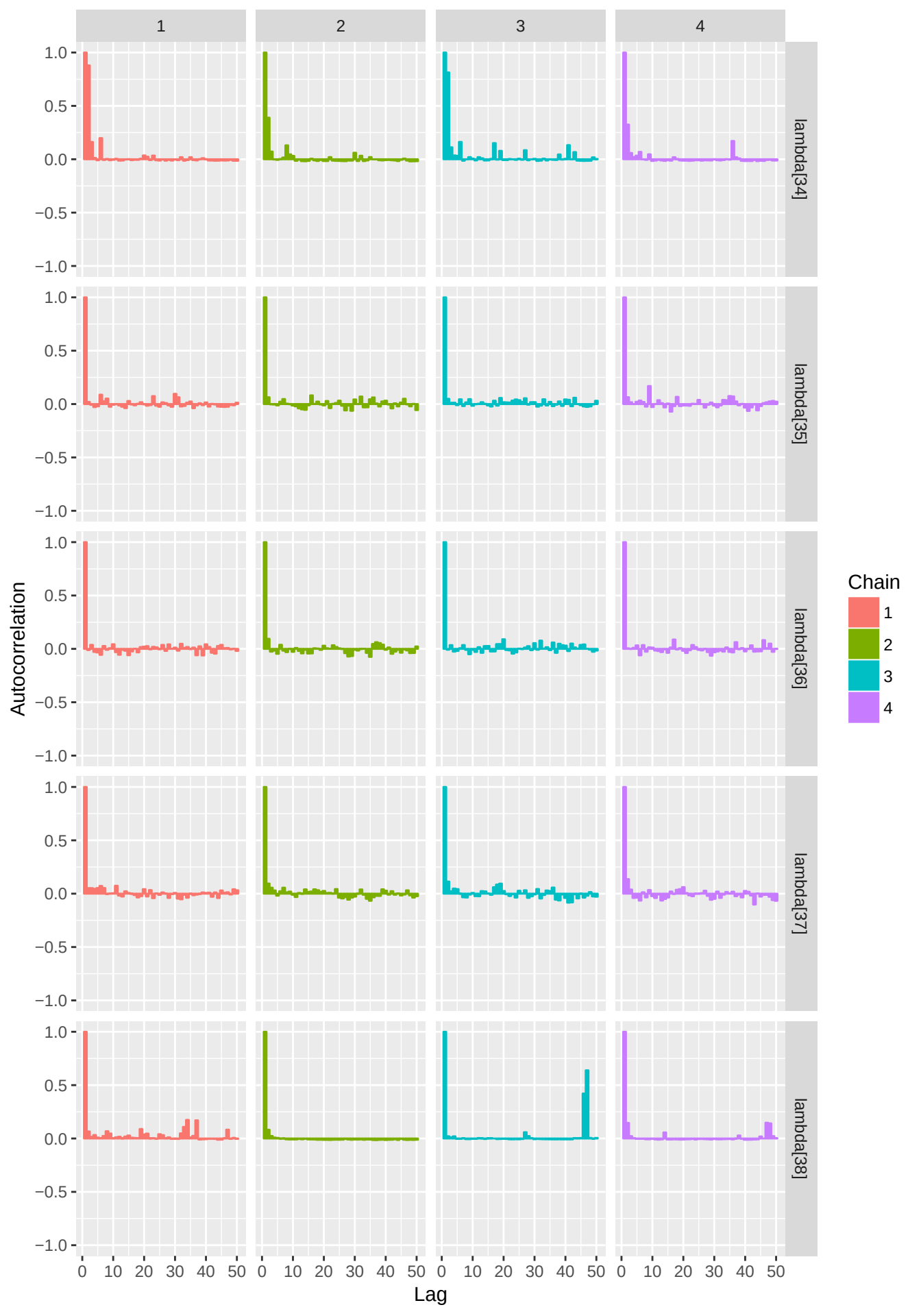

1
2
3
4
lambda[10]
lambda[11]
lambda[12]
lambda[13]
lambda[9]
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3
4

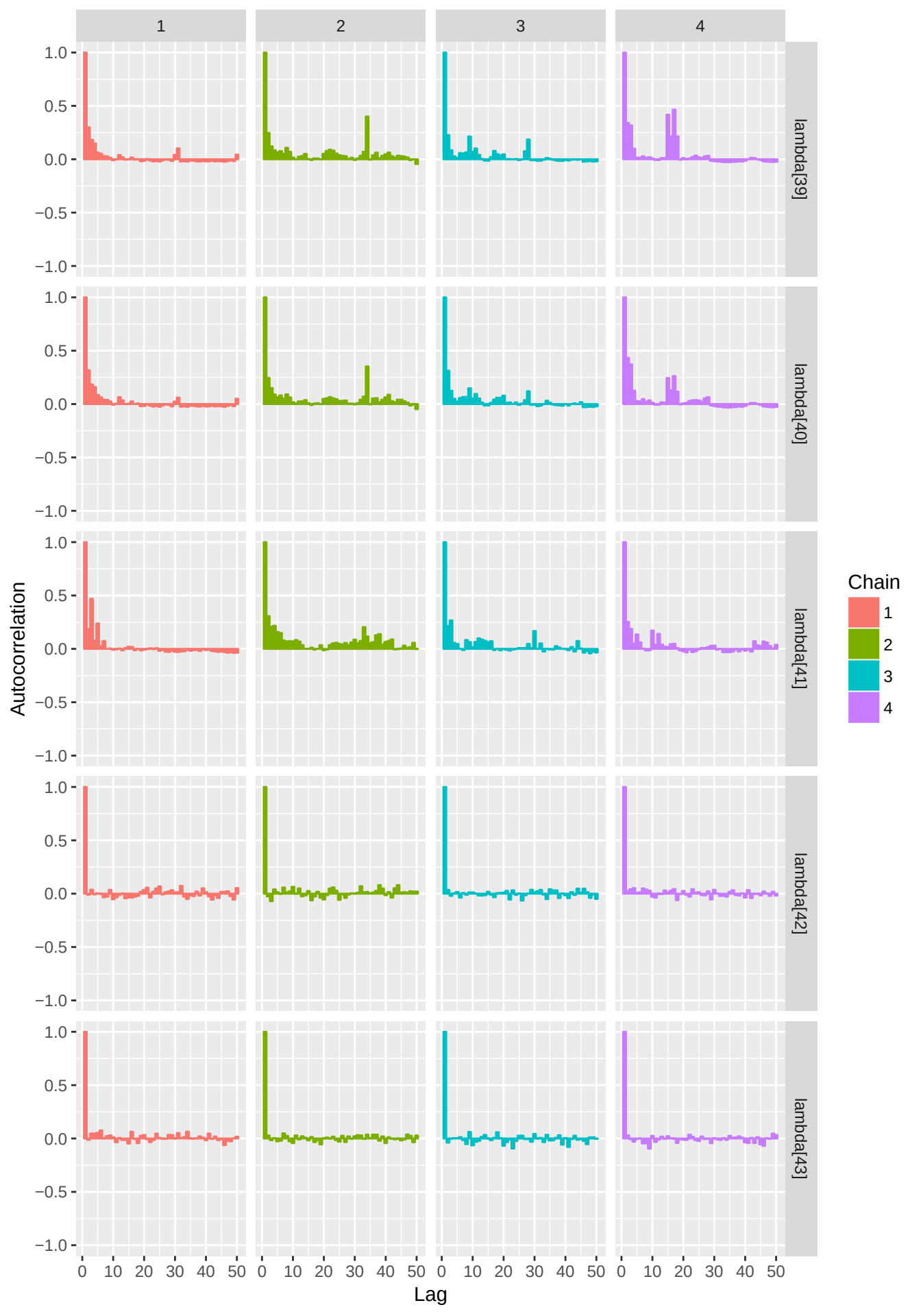

1
2
3
4
lambda[14]
lambda[15]
lambda[16]
lambda[17]
lambda[18]
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3
4

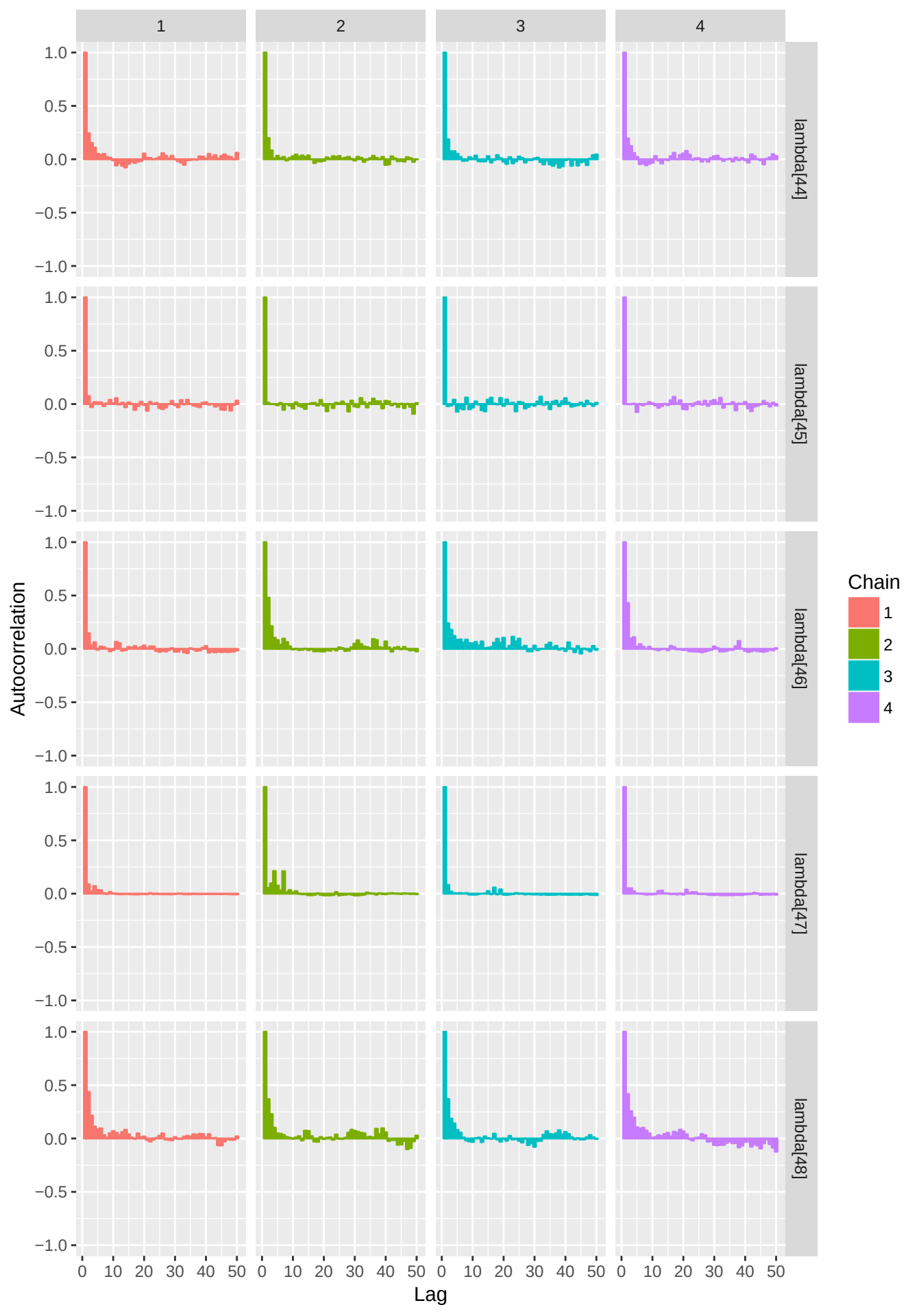

1
2
3
4
lambda[19]
lambda[20]
lambda[21]
lambda[22]
lambda[23]
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3
4

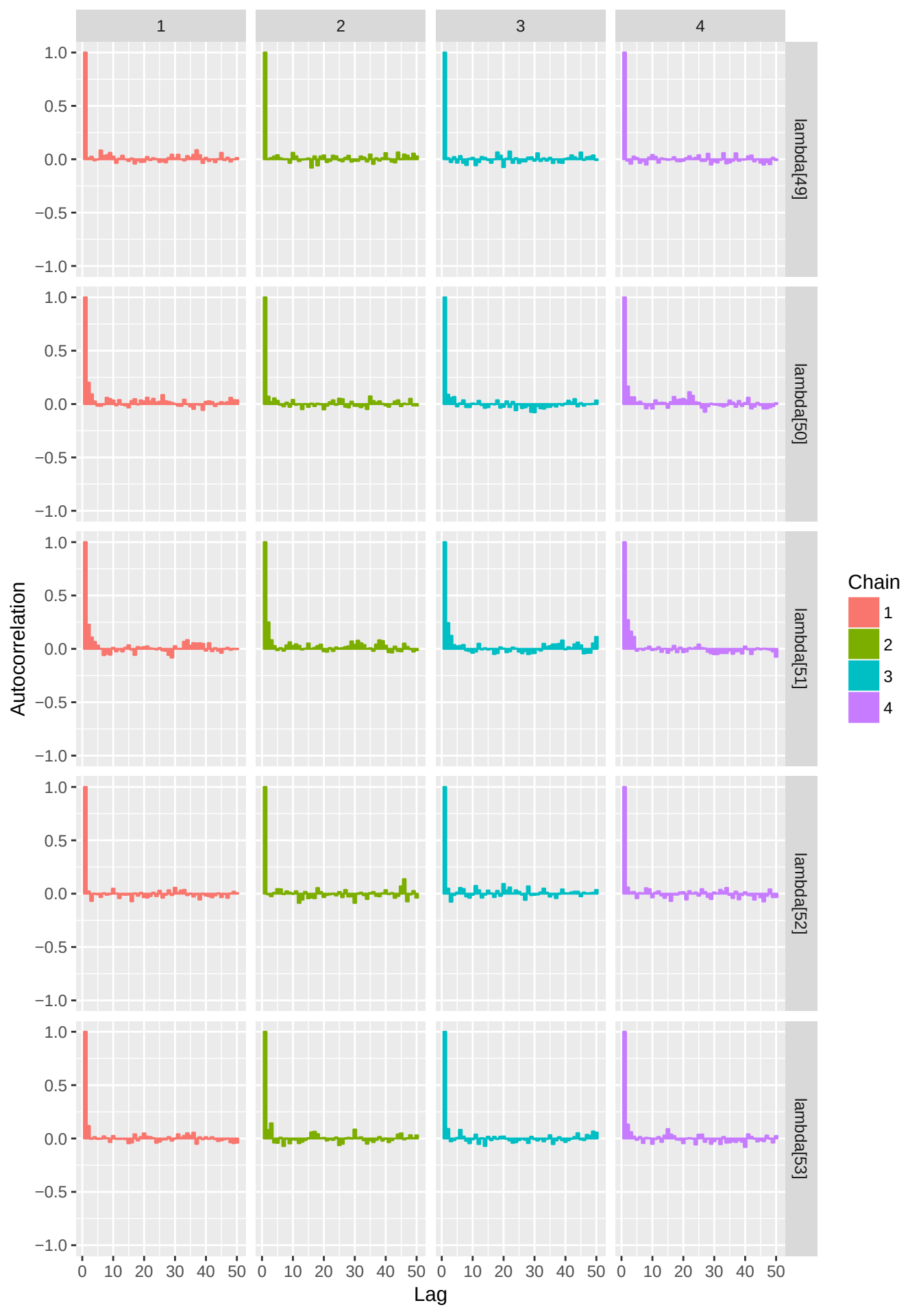

1
2
3
4
lambda[24]
lambda[25]
lambda[26]
lambda[27]
lambda[28]
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3
4

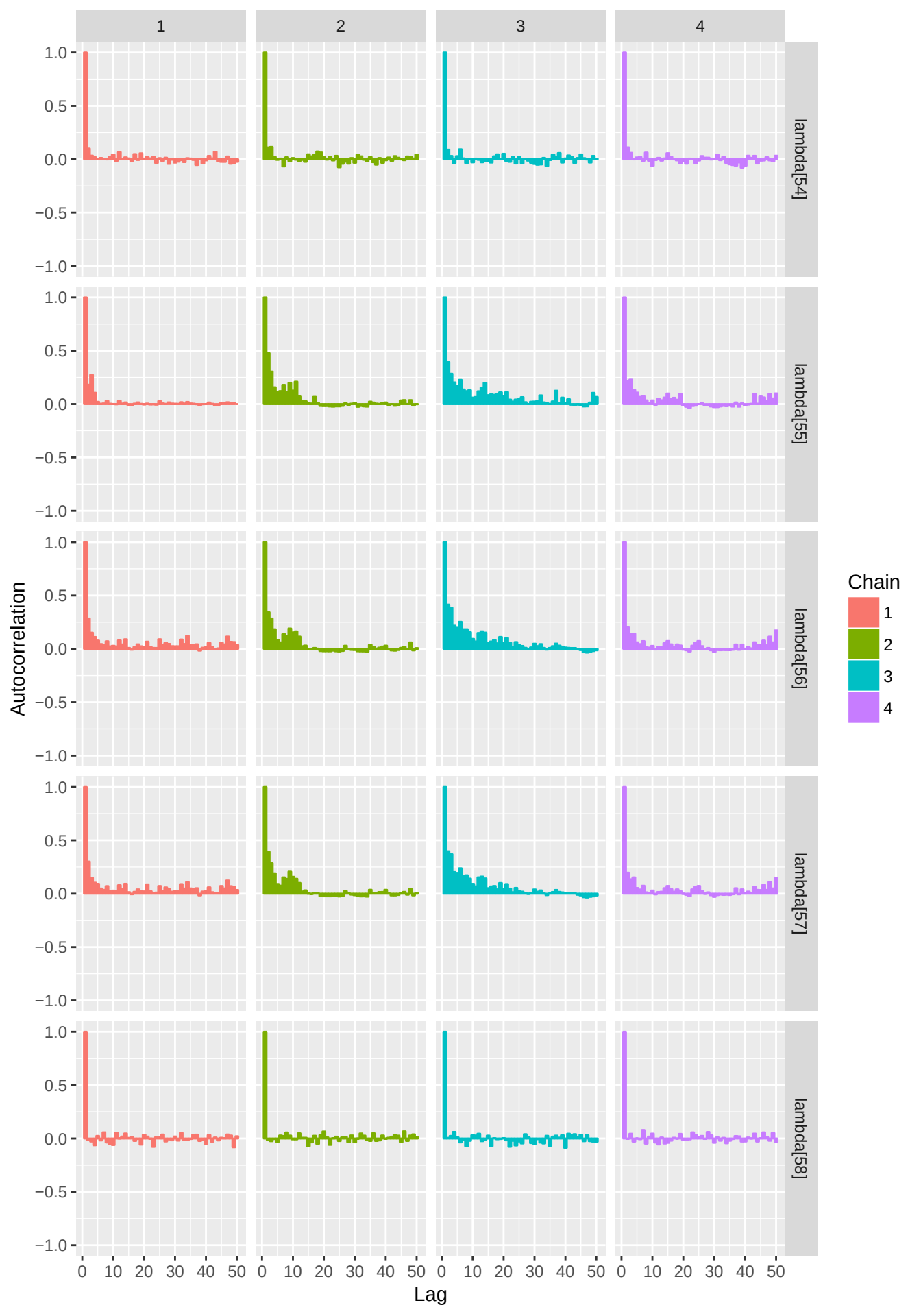

1
2
3
4
lambda[29]
lambda[30]
lambda[31]
lambda[32]
lambda[33]
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3
4

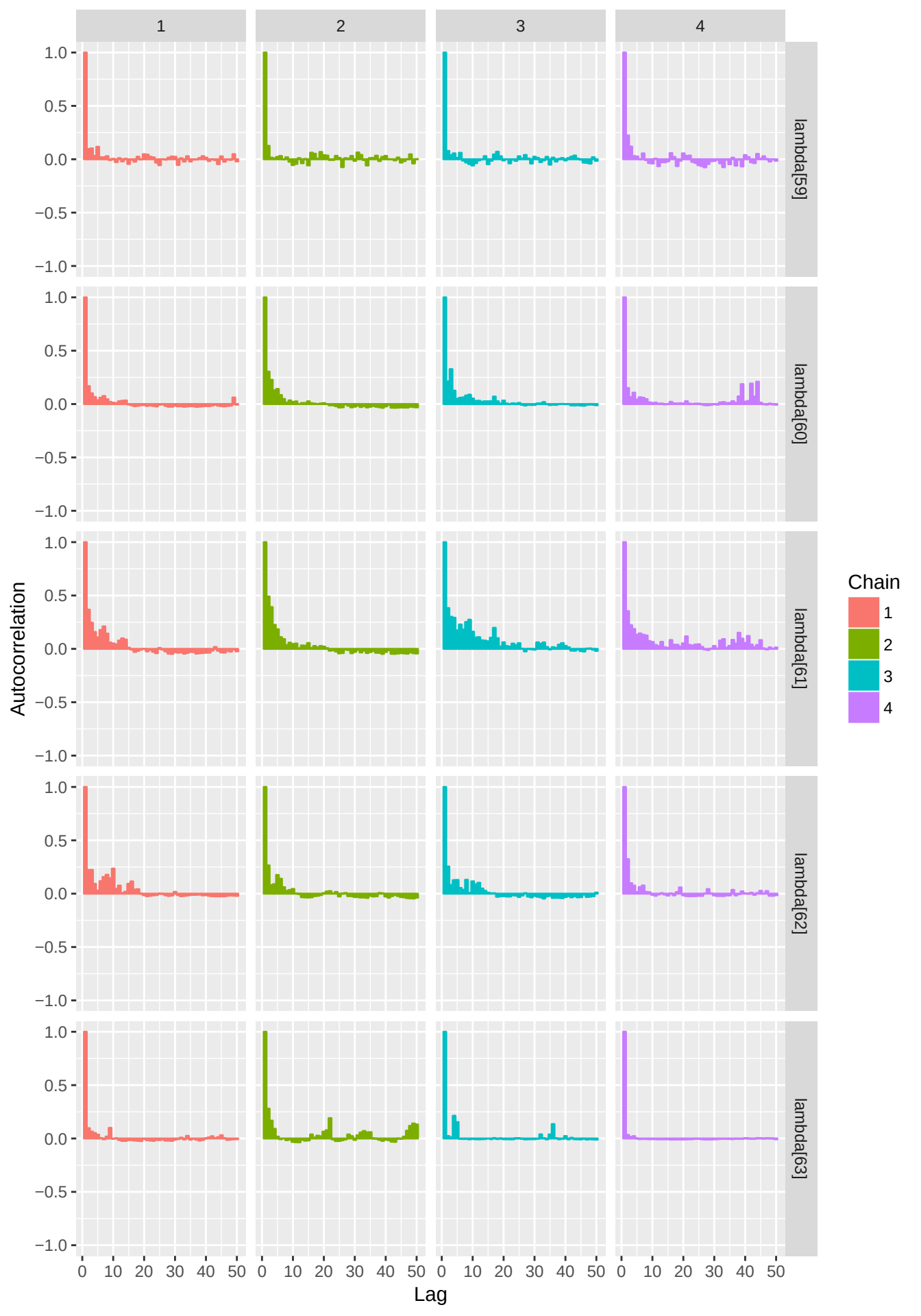

1
2
3
4
lambda[34]
lambda[35]
lambda[36]
lambda[37]
lambda[38]
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3
4

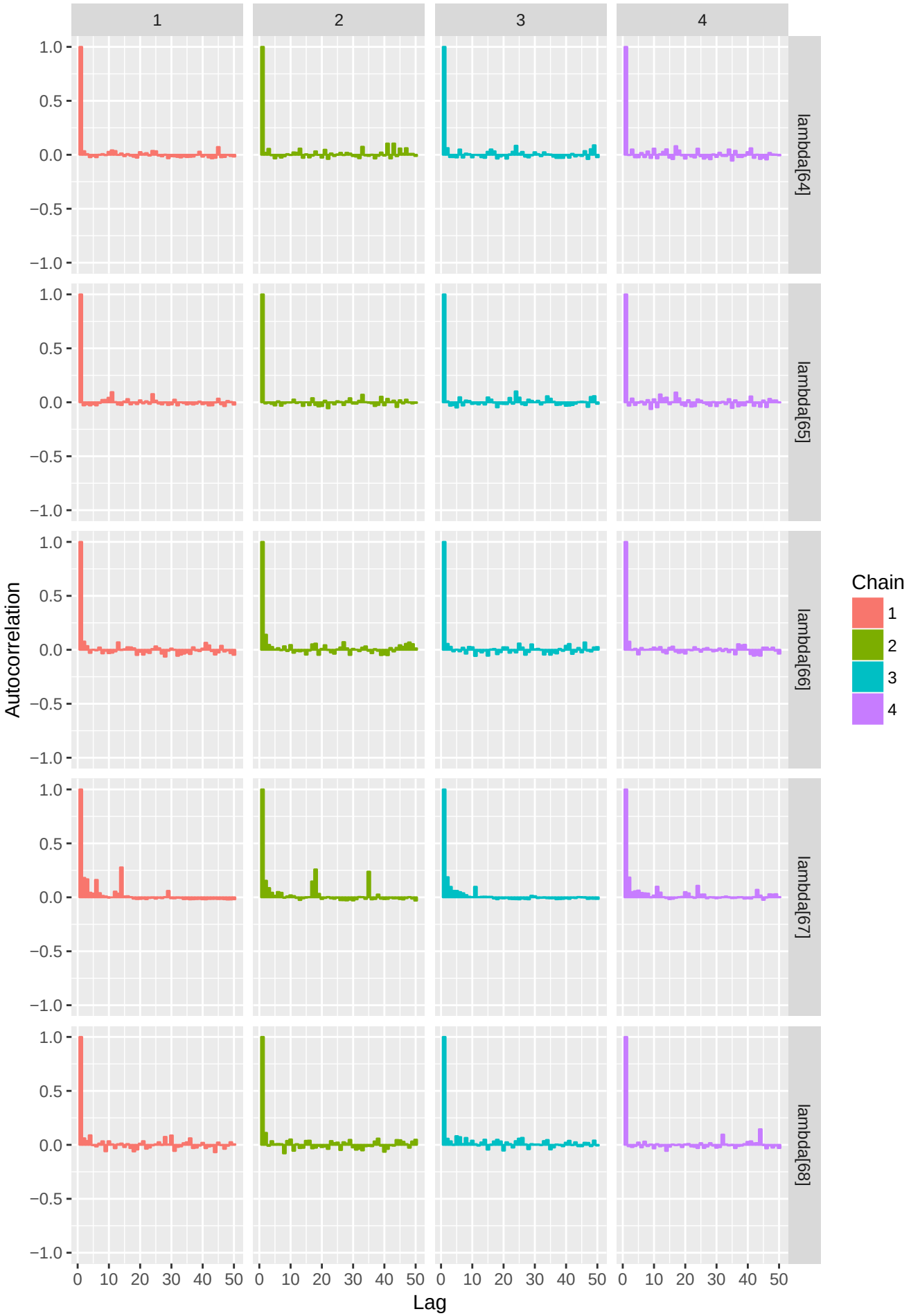

1
2
3
4
lambda[39]
lambda[40]
lambda[41]
lambda[42]
lambda[43]
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3
4

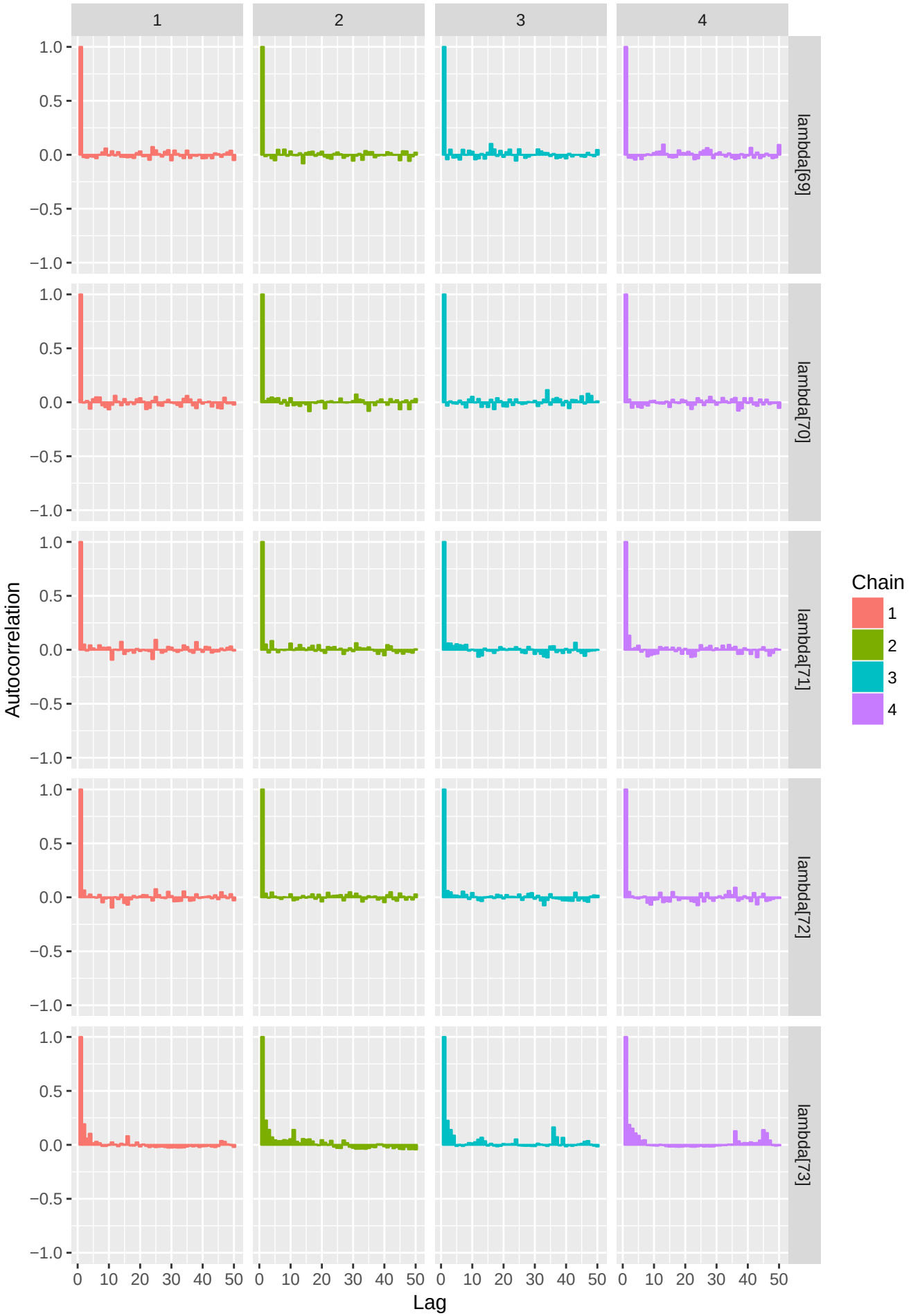

1
2
3
4
lambda[44]
lambda[45]
lambda[46]
lambda[47]
lambda[48]
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3
4

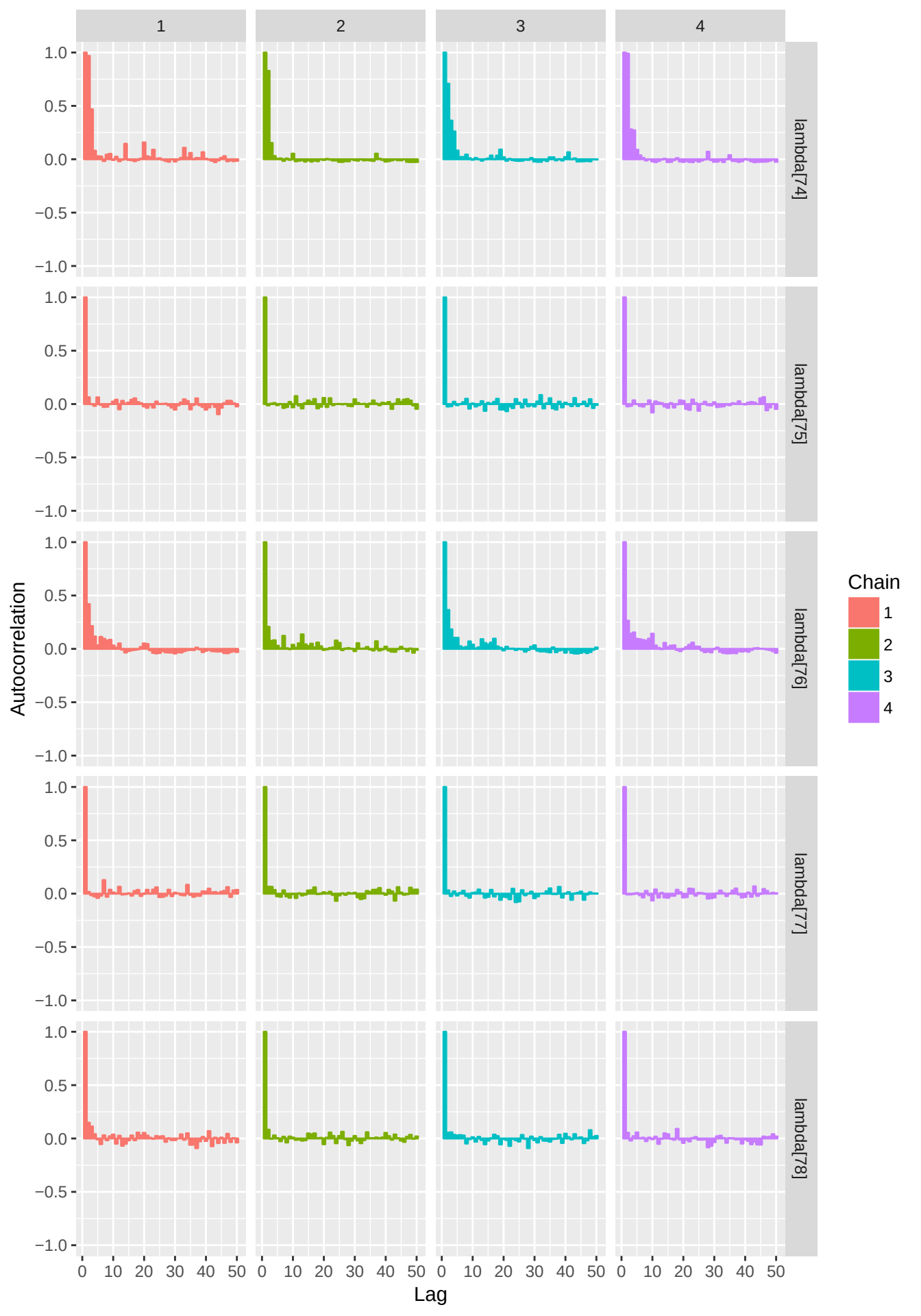

1
2
3
4
lambda[49]
lambda[50]
lambda[51]
lambda[52]
lambda[53]
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3
4

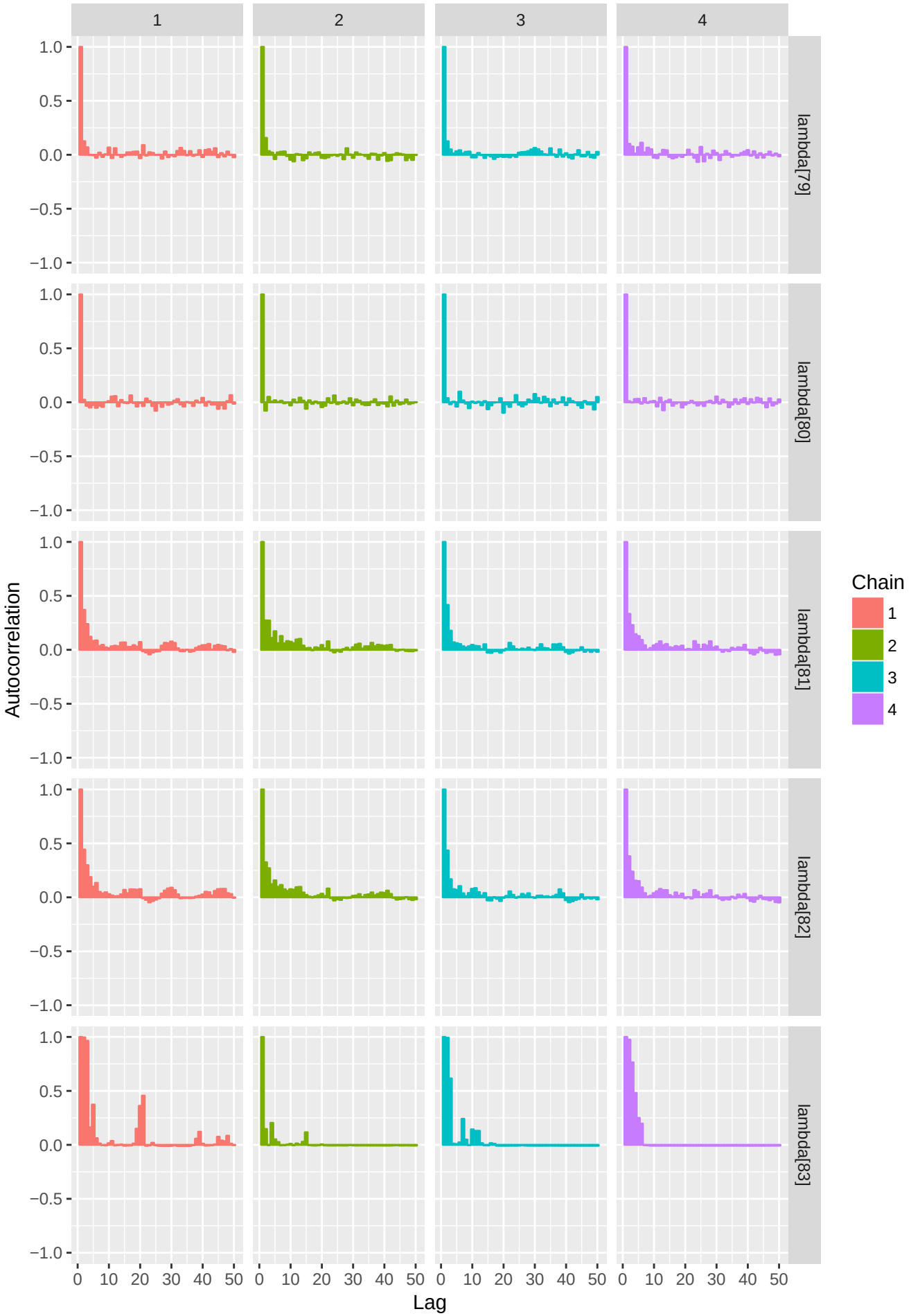

1
2
3
4
lambda[54]
lambda[55]
lambda[56]
lambda[57]
lambda[58]
Autocorrelation
Lag
Chain
1
2
3
4
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50

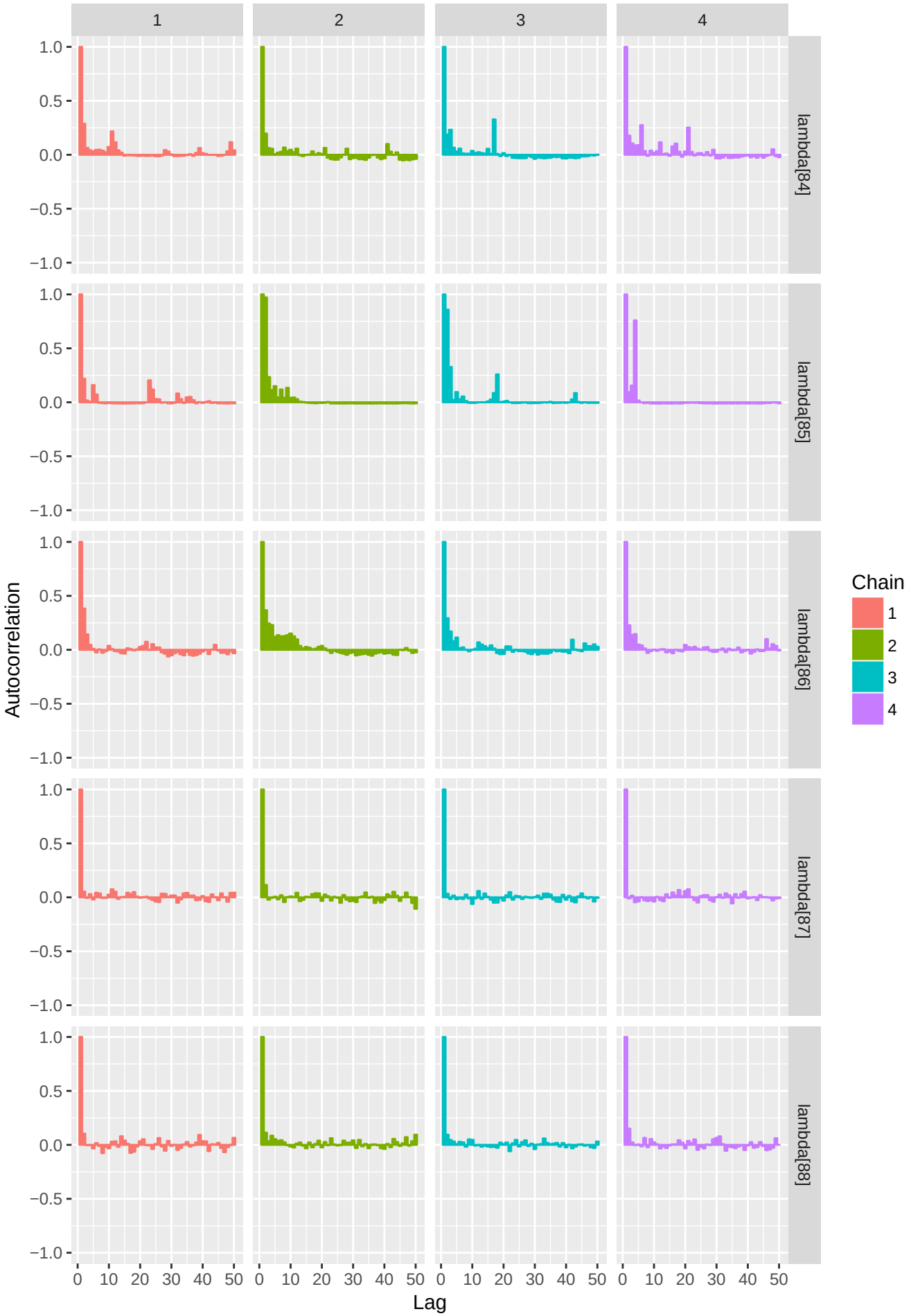

1
2
3
4
lambda[59]
lambda[60]
lambda[61]
lambda[62]
lambda[63]
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3
4

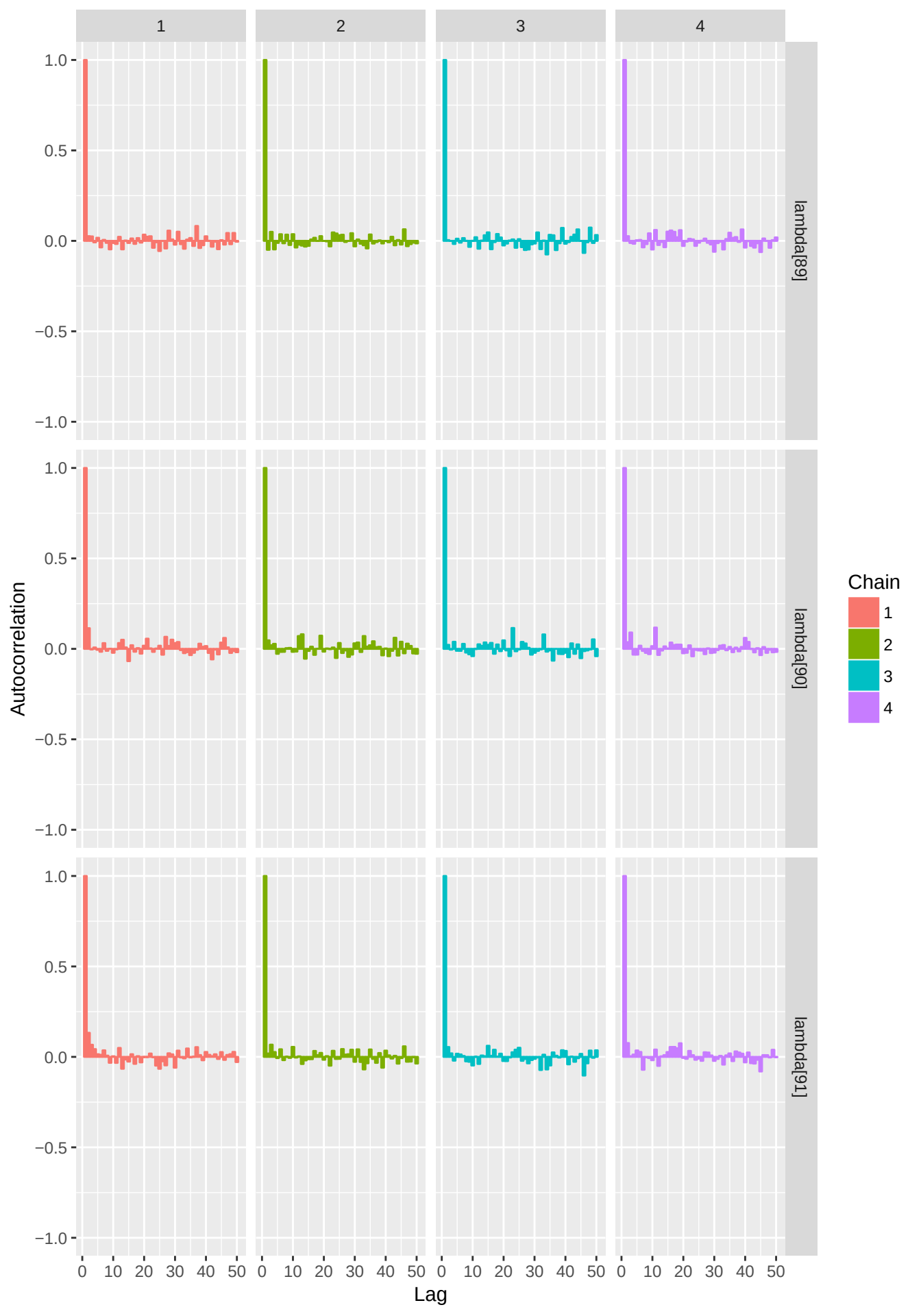

1
2
3
4
lambda[64]
lambda[65]
lambda[66]
lambda[67]
lambda[68]
Autocorrelation
Lag
Chain
1
2
3
4
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50

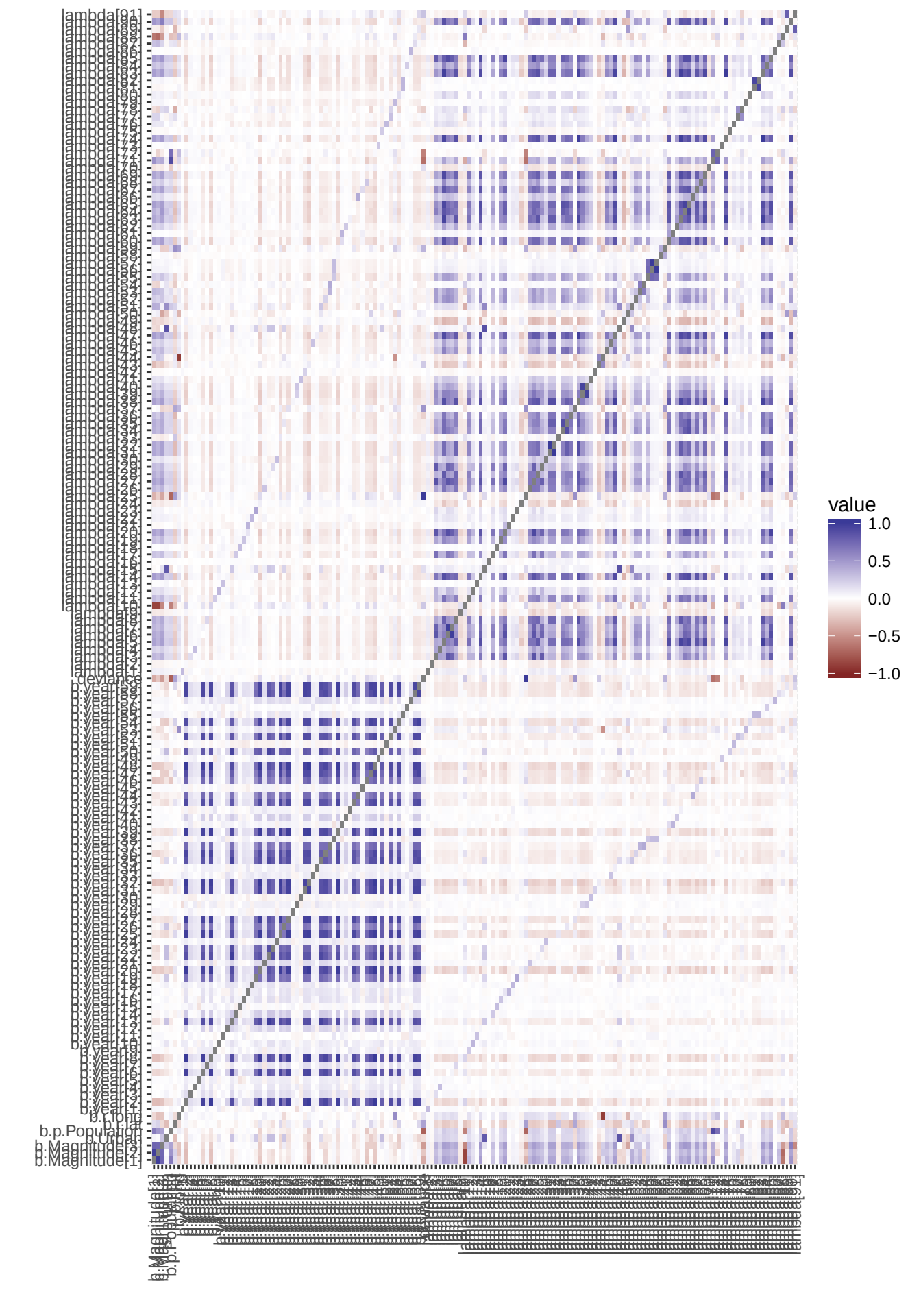

1
2
3
4
lambda[69]
lambda[70]
lambda[71]
lambda[72]
lambda[73]
Autocorrelation
Lag
Chain
1
2
3
4
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50

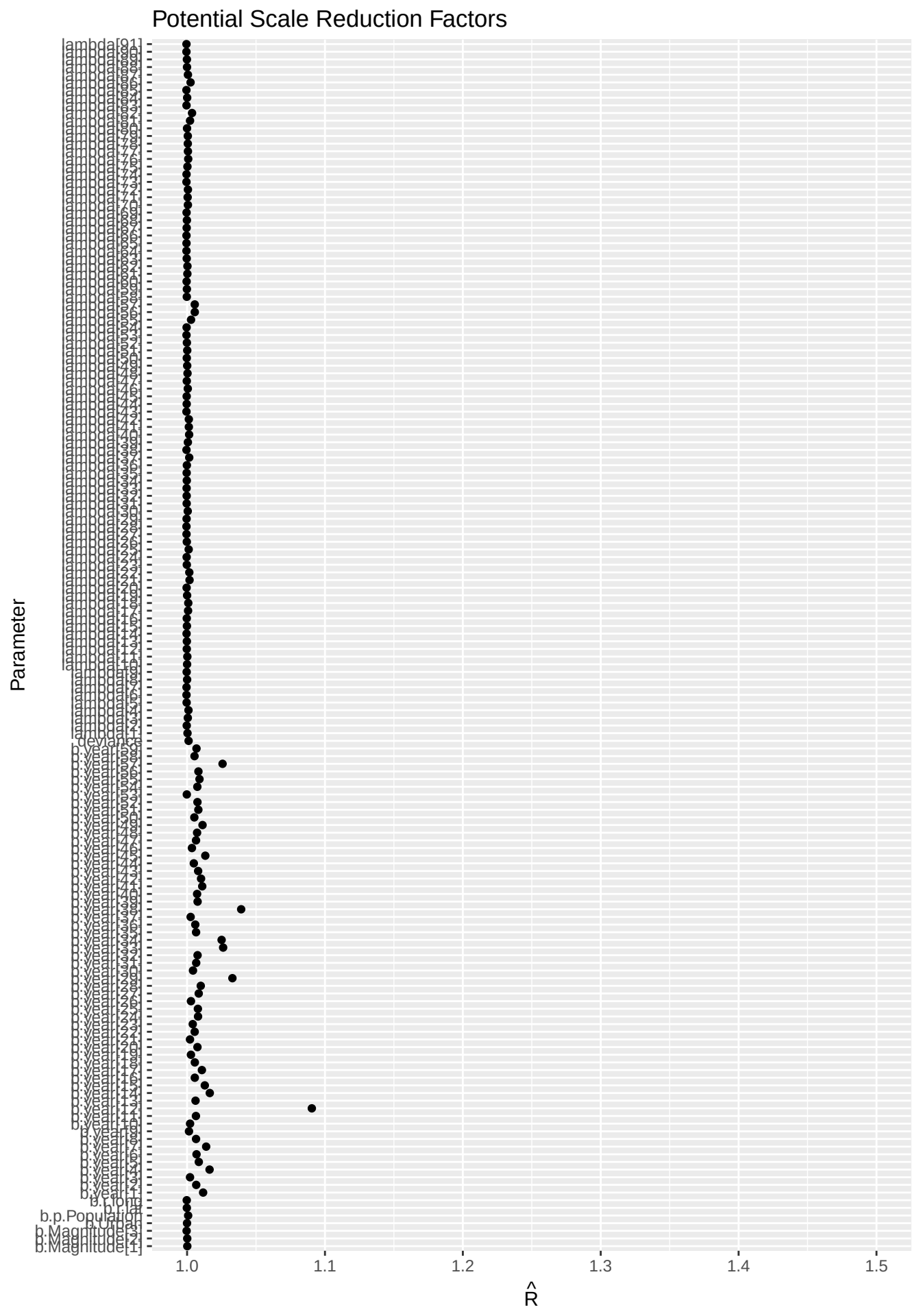

1
2
3
4
lambda[74]
lambda[75]
lambda[76]
lambda[77]
lambda[78]
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3
4

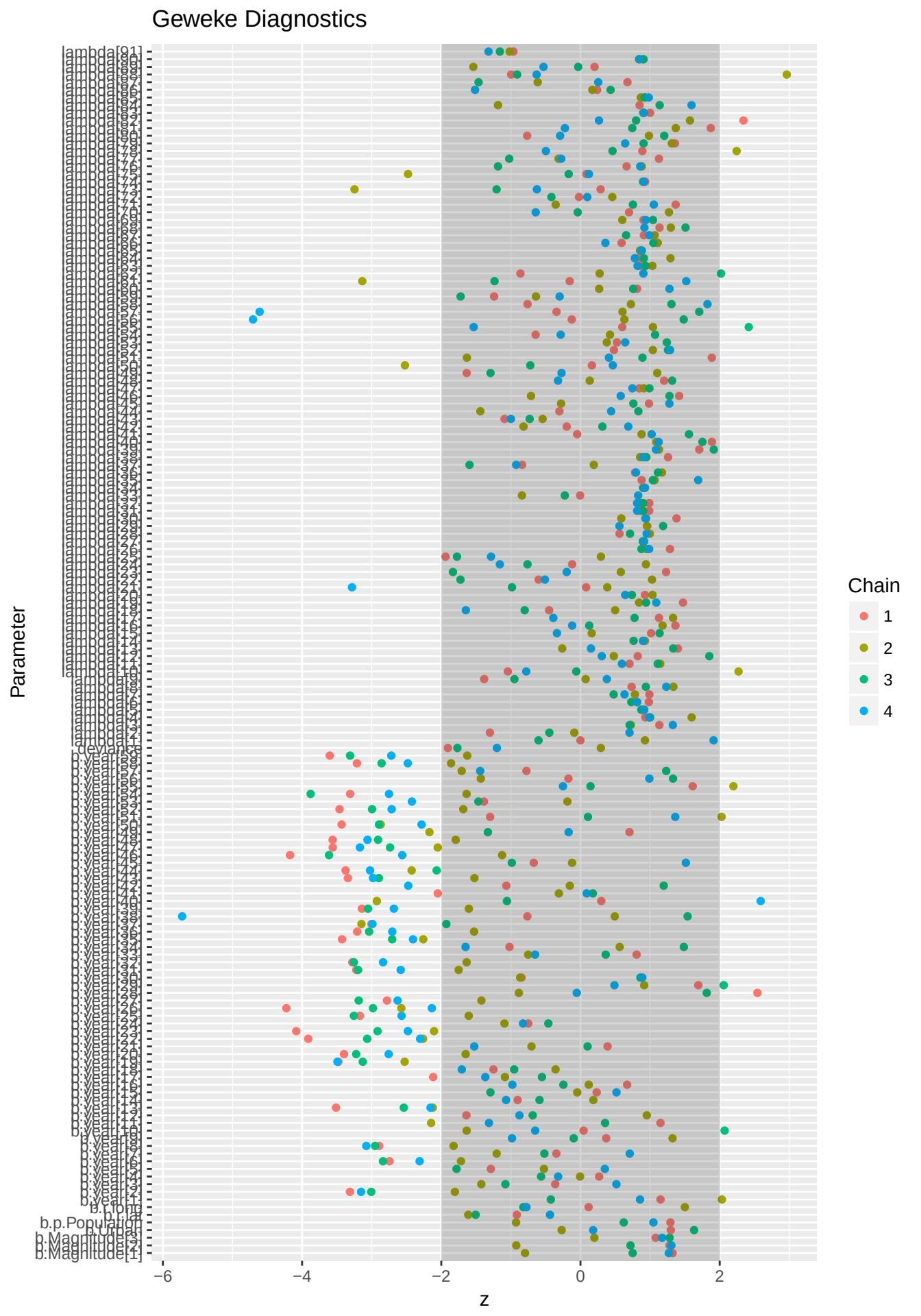

1
2
3
4
lambda[79]
lambda[80]
lambda[81]
lambda[82]
lambda[83]
1.0
0.5
0.0
−0.5
−1.0
Autocorrelation
0
10
20
30
40
50
Lag
Chain
1
2
3
4


1
2
3
4
lambda[84]
lambda[85]
lambda[86]
lambda[87]
lambda[88]
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3
4


1
2
3
4
lambda[89]
lambda[90]
lambda[91]
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3
4


value
1.0
0.5
0.0
−0.5
−1.0
b:Magnitude[1]
b:Magnitude[2]
b:Magnitude[3]
b.Long
b.p.Population
b.Lat
deviance


Potential Scale Reduction Factors
Parameter
deviance
b.year[20]
b.year[19]
b.year[18]
b.year[17]
b.year[16]
b.year[15]
b.year[14]
b.year[13]
b.year[12]
b.year[11]
b.year[10]
b.year[9]
b.year[8]
b.year[7]
b.year[6]
b.year[5]
b.year[4]
b.year[3]
b.year[2]
b.year[1]
b.long
b.lat
b.p.Population
b.Urban
b.Magnitude[3]
b.Magnitude[2]
b.Magnitude[1]
1.0
1.1
1.2
1.3
1.4
1.5
R̂


Geweke Diagnostics
Parameter
b.Magnitude[1]
b.Magnitude[2]
b.Urban
b.p.Population
b.long
b.year[1]
b.year[2]
b.year[3]
b.year[4]
b.year[5]
b.year[6]
b.year[7]
b.year[8]
b.year[9]
b.year[10]
b.year[11]
b.year[12]
b.year[13]
b.year[14]
b.year[15]
b.year[16]
b.year[17]
b.year[18]
b.year[19]
b.year[20]
b.year[21]
b.year[22]
b.year[23]
b.year[24]
b.year[25]
b.year[26]
b.year[27]
b.year[28]
b.year[29]
b.year[30]
b.year[31]
b.year[32]
b.year[33]
b.year[34]
b.year[35]
b.year[36]
b.year[37]
b.year[38]
b.year[39]
b.year[40]
b.year[41]
b.year[42]
b.year[43]
b.year[44]
b.year[45]
b.year[46]
b.year[47]
b.year[48]
b.year[49]
b.year[50]
b.year[51]
b.year[52]
b.year[53]
b.year[54]
b.year[55]
b.year[56]
b.year[57]
b.year[58]
b.year[59]
b.year[60]
deviance
lambda[1]
lambda[2]
lambda[3]
lambda[4]
lambda[5]
lambda[6]
lambda[7]
lambda[8]
lambda[9]
lambda[10]
lambda[11]
lambda[12]
lambda[13]
lambda[14]
lambda[15]
lambda[16]
lambda[17]
lambda[18]
lambda[19]
lambda[20]
lambda[21]
lambda[22]
lambda[23]
lambda[24]
lambda[25]
lambda[26]
lambda[27]
lambda[28]
lambda[29]
lambda[30]
lambda[31]
lambda[32]
lambda[33]
lambda[34]
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lambda[38]
lambda[39]
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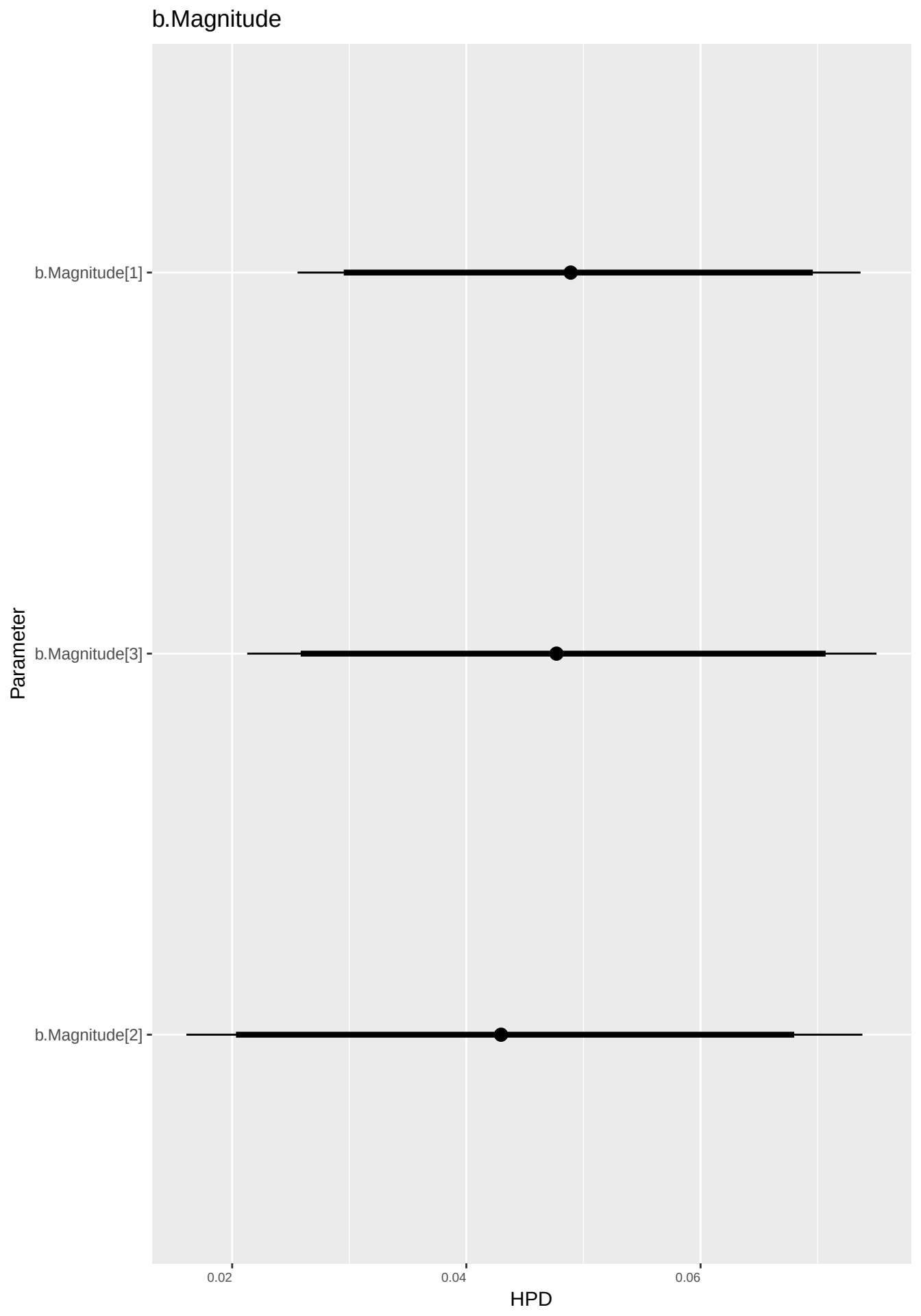
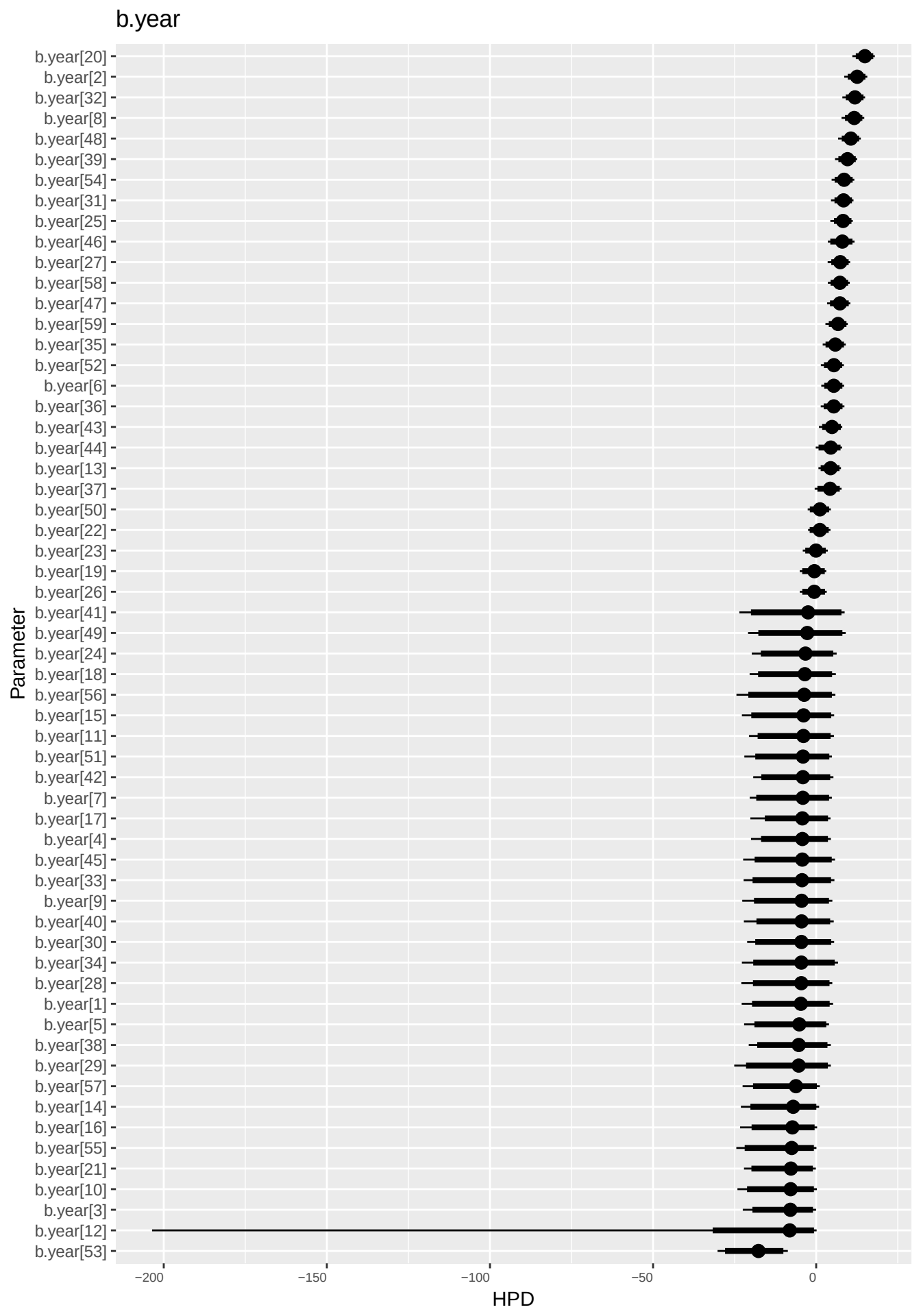
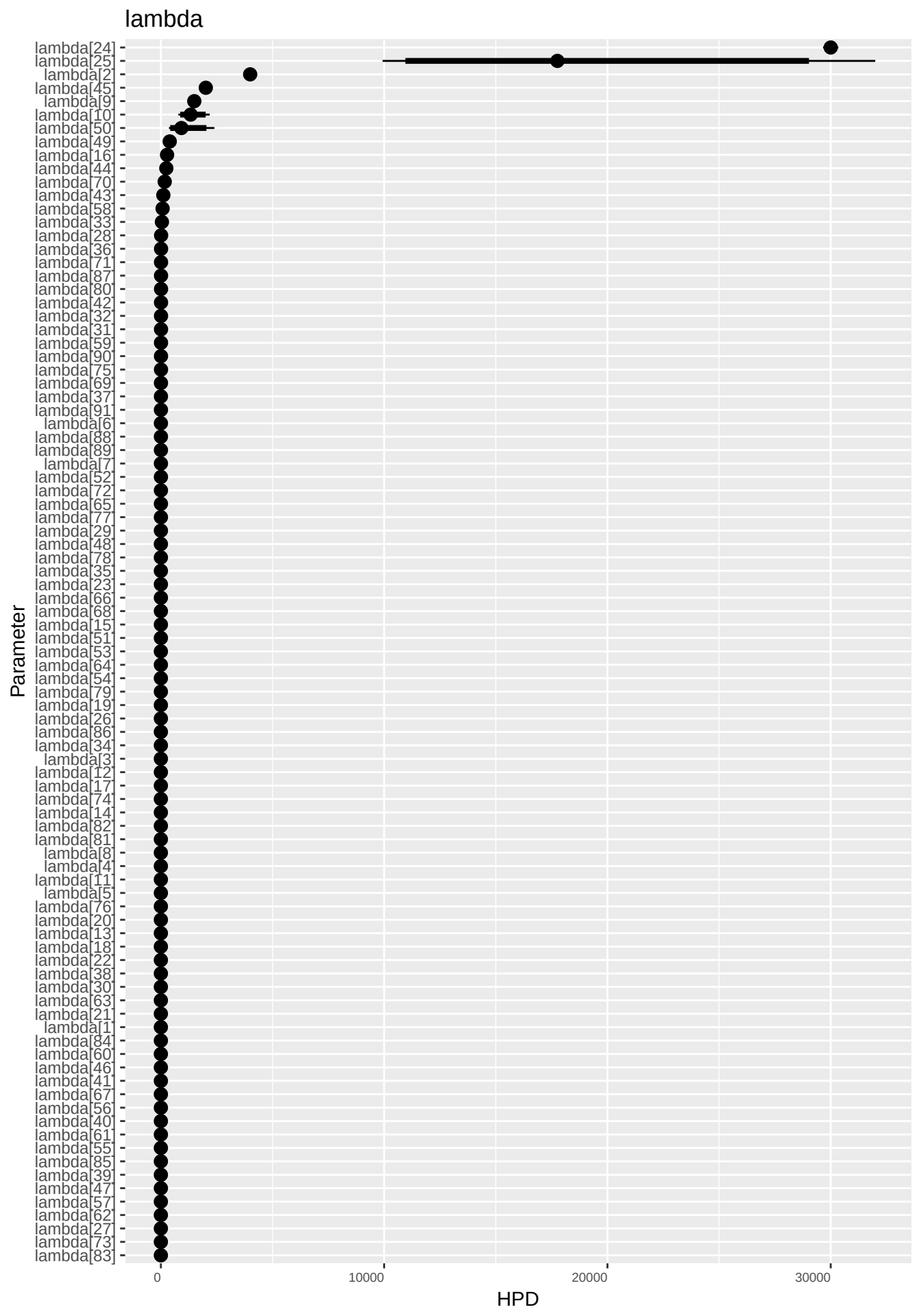
lambda[75]
lambda[76]
lambda[77]
lambda[78]
lambda[79]
lambda[80]
lambda[81]
lambda[82]
lambda[83]
lambda[84]
lambda[85]
lambda[86]
lambda[87]
lambda[88]
lambda[89]
lambda[90]
lambda[91]
−6
−4
−2
0
2
z
Chain
1
2
3
4


b.Magnitude
b.Magnitude[1]
b.Magnitude[3]
b.Magnitude[2]
Parameter
0.02
0.04
0.06
HPD


b.year
b.year[20]
b.year[2]
b.year[32]
b.year[8]
b.year[48]
b.year[39]
b.year[54]
b.year[31]
b.year[25]
b.year[46]
b.year[27]
b.year[58]
b.year[47]
b.year[59]
b.year[35]
b.year[52]
b.year[6]
b.year[36]
b.year[43]
b.year[44]
b.year[13]
b.year[37]
b.year[50]
b.year[22]
b.year[23]
b.year[19]
b.year[26]
b.year[41]
b.year[49]
b.year[24]
b.year[18]
b.year[56]
b.year[15]
b.year[11]
b.year[51]
b.year[42]
b.year[7]
b.year[17]
b.year[4]
b.year[45]
b.year[33]
b.year[9]
b.year[40]
b.year[30]
b.year[34]
b.year[28]
b.year[1]
b.year[5]
b.year[38]
b.year[29]
b.year[57]
b.year[14]
b.year[16]
b.year[55]
b.year[21]
b.year[10]
b.year[3]
b.year[12]
b.year[53]
Parameter
−200
−150
−100
−50
0
HPD


lambda
lambda[24]
lambda[25]
lambda[2]
lambda[45]
lambda[9]
lambda[10]
lambda[50]
lambda[49]
lambda[16]
lambda[44]
lambda[70]
lambda[43]
lambda[58]
lambda[33]
lambda[28]
lambda[36]
lambda[71]
lambda[87]
lambda[80]
lambda[42]
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lambda[31]
lambda[59]
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lambda[37]
lambda[91]
lambda[6]
lambda[88]
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lambda[48]
lambda[78]
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lambda[53]
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lambda[18]
lambda[22]
lambda[38]
lambda[30]
lambda[63]
lambda[21]
lambda[1]
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lambda[60]
lambda[46]
lambda[41]
lambda[67]
lambda[56]
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lambda[61]
lambda[55]
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lambda[47]
lambda[57]
lambda[62]
lambda[27]
lambda[73]
lambda[83]
Parameter
0
10000
20000
30000
HPD