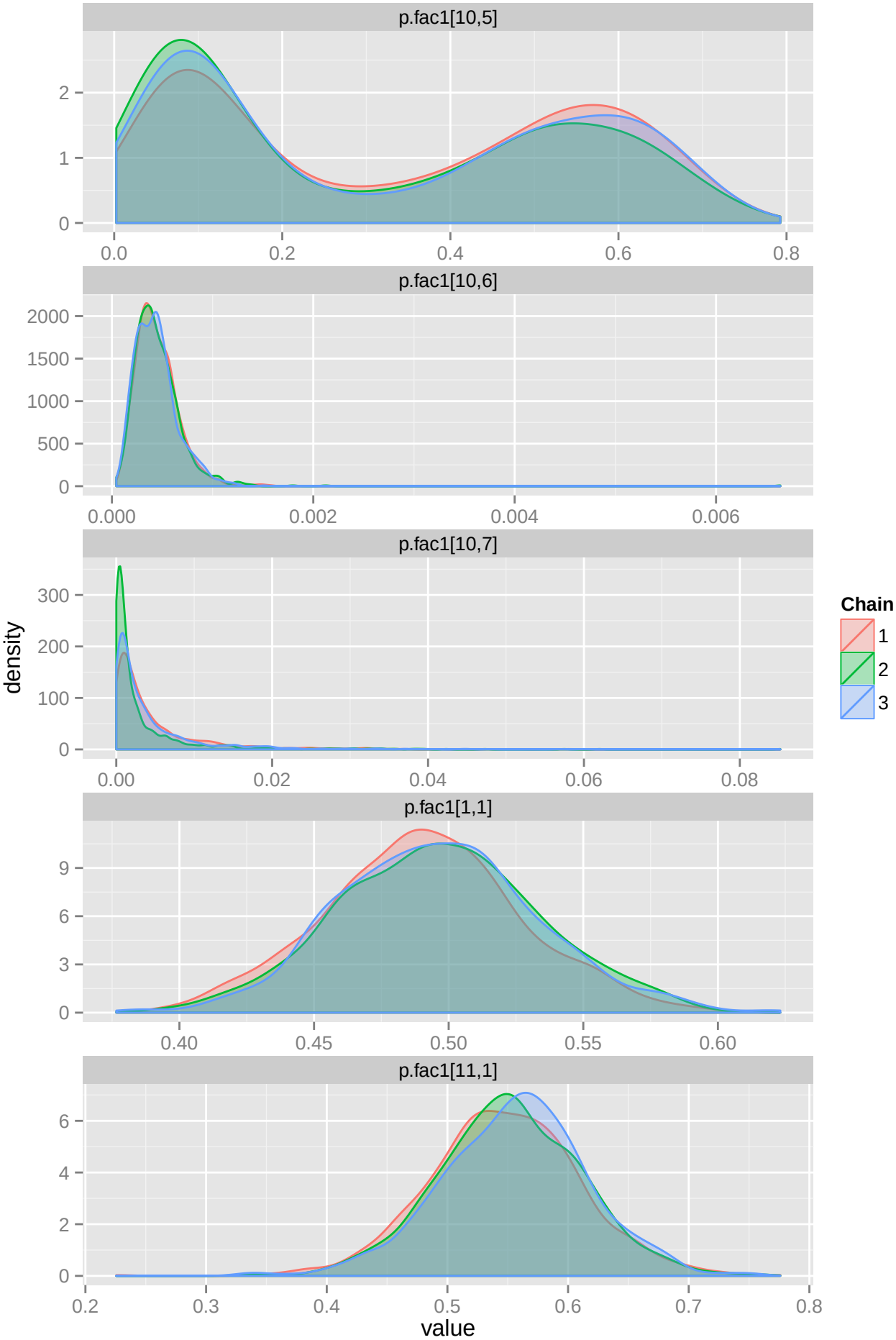
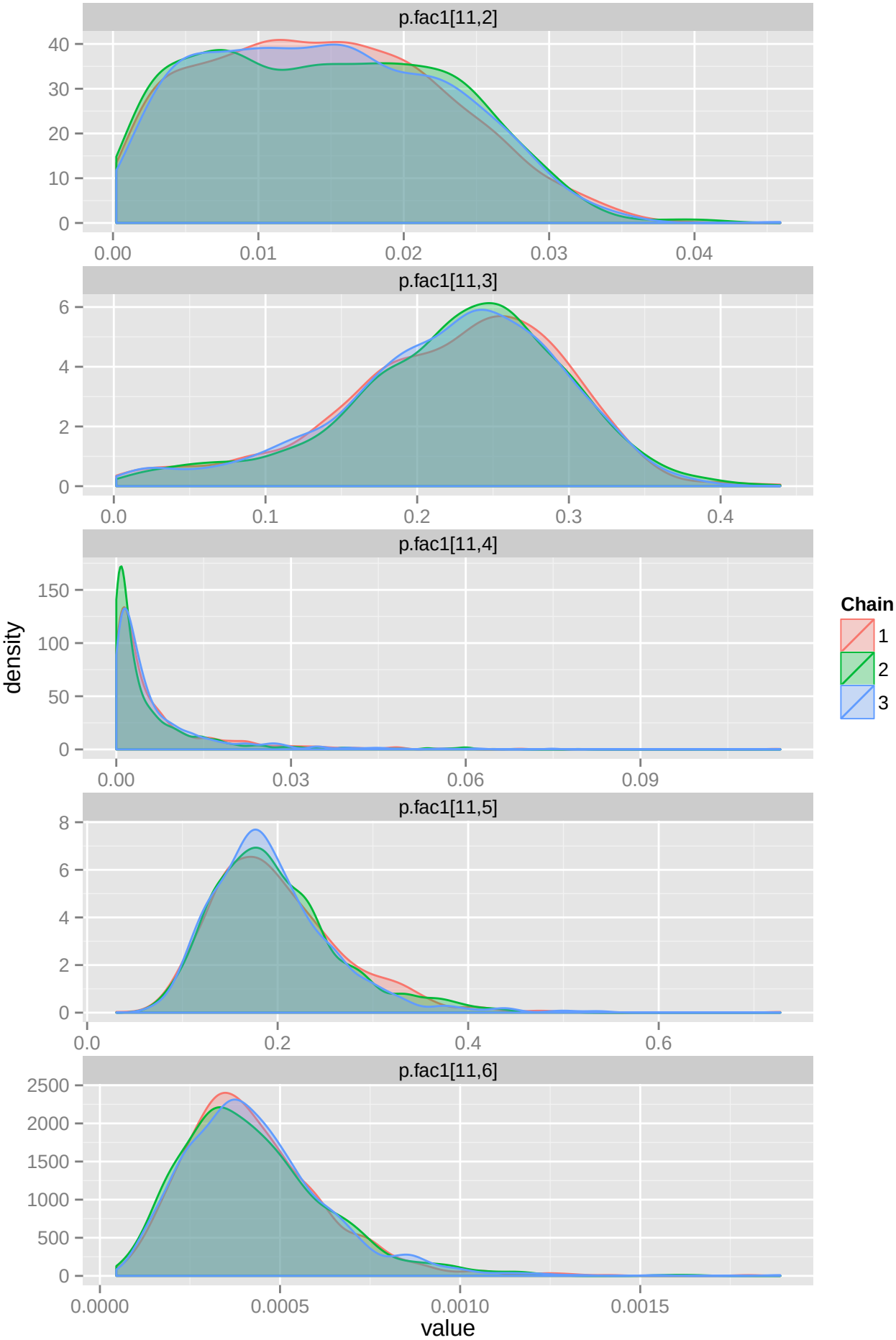
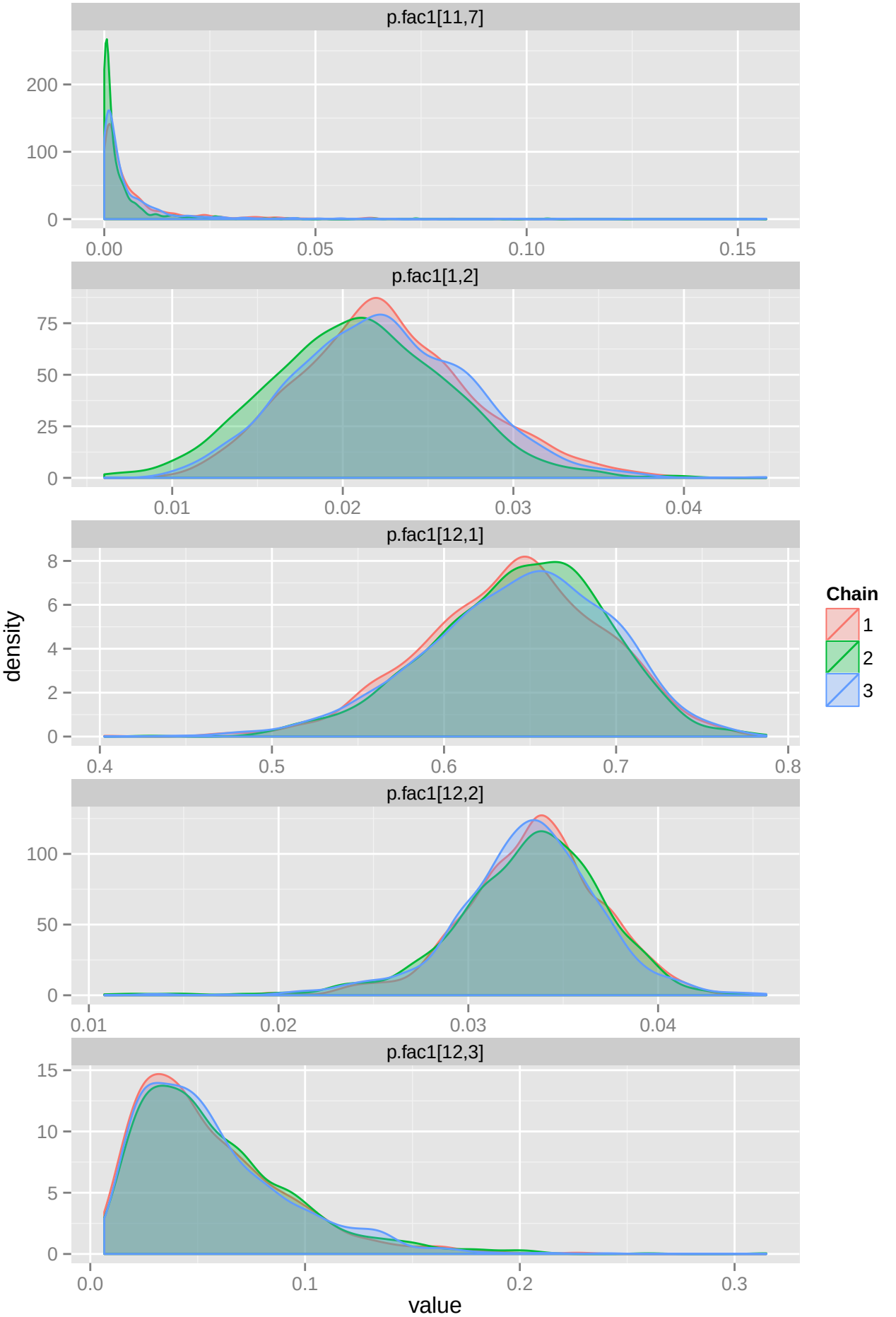
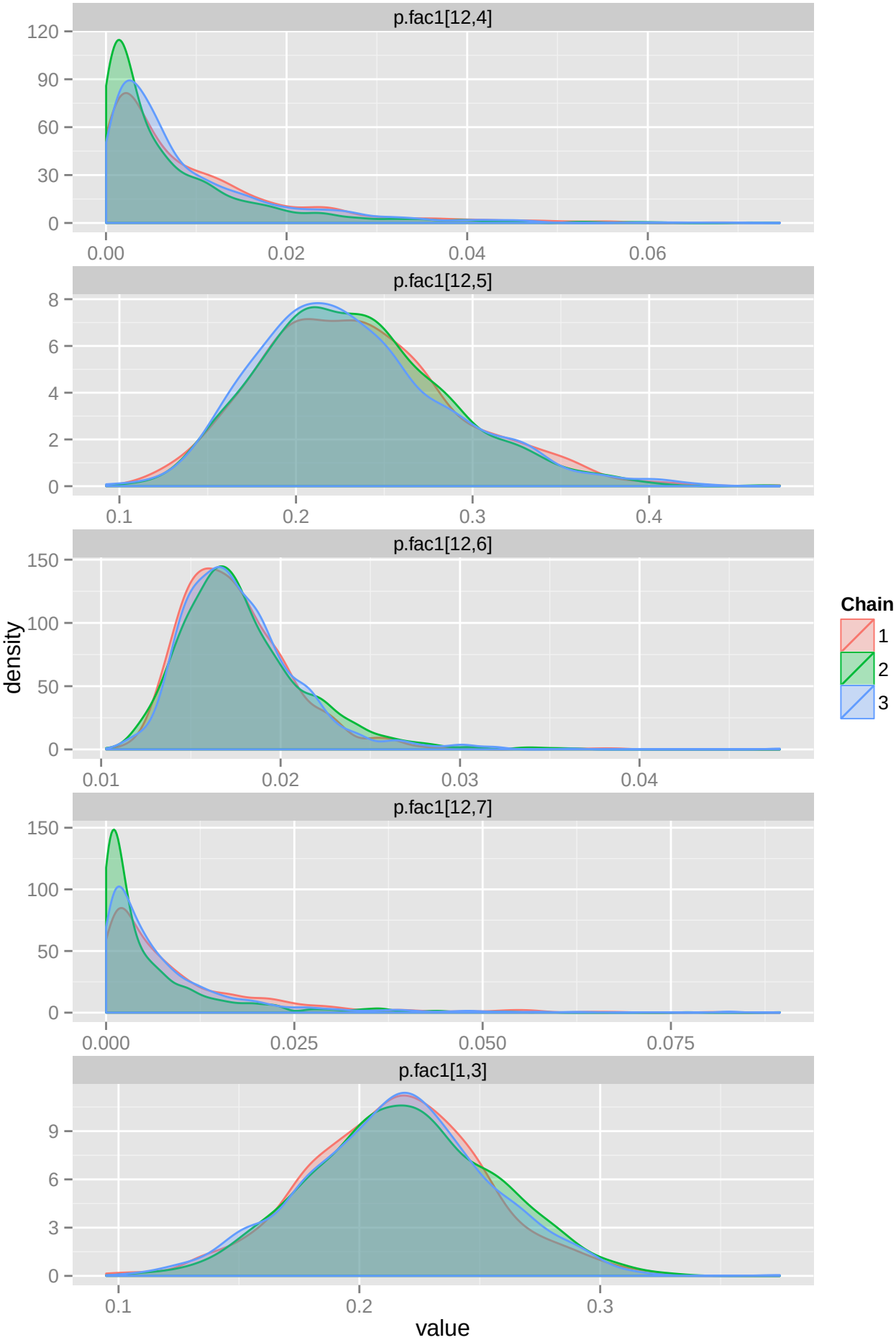
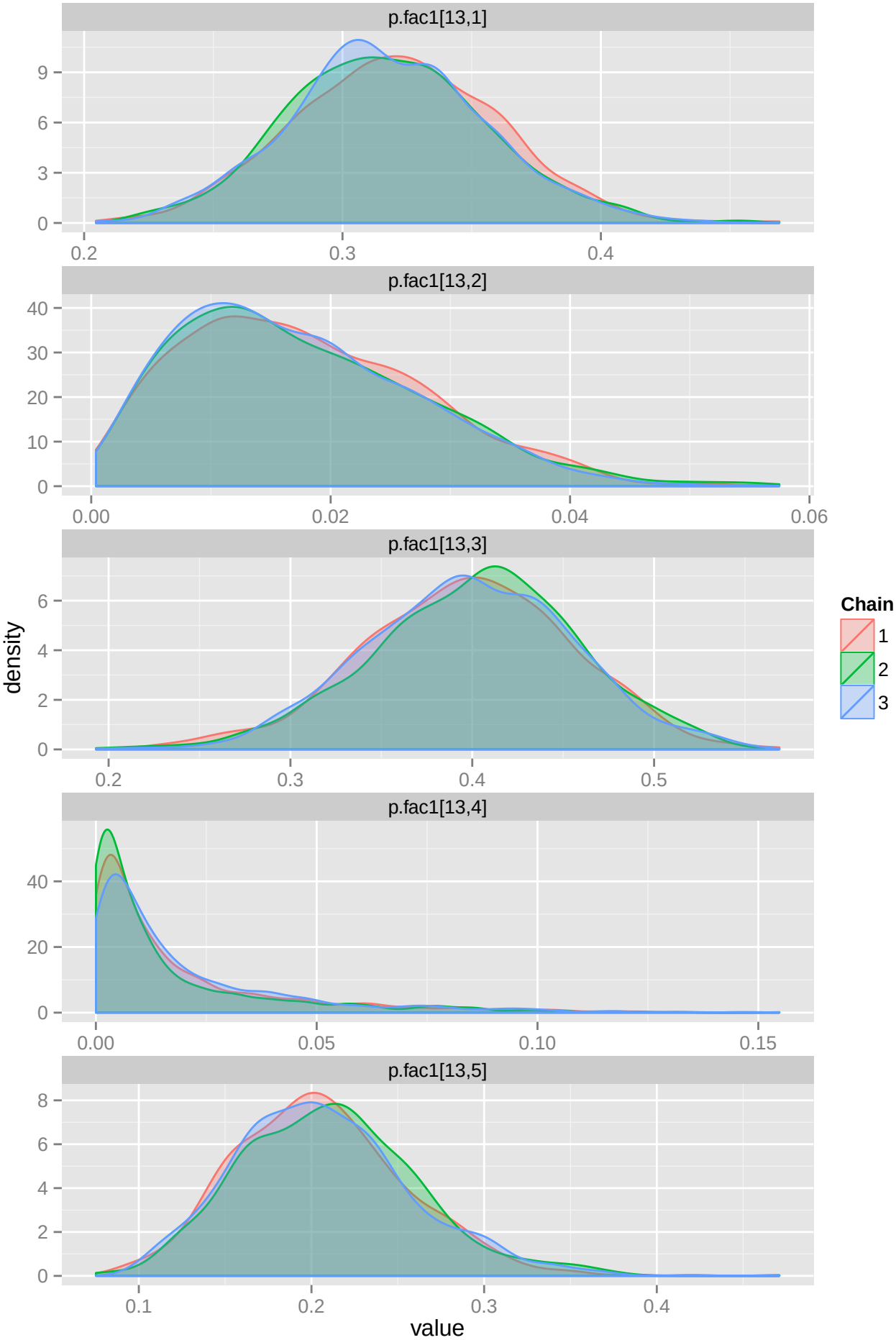
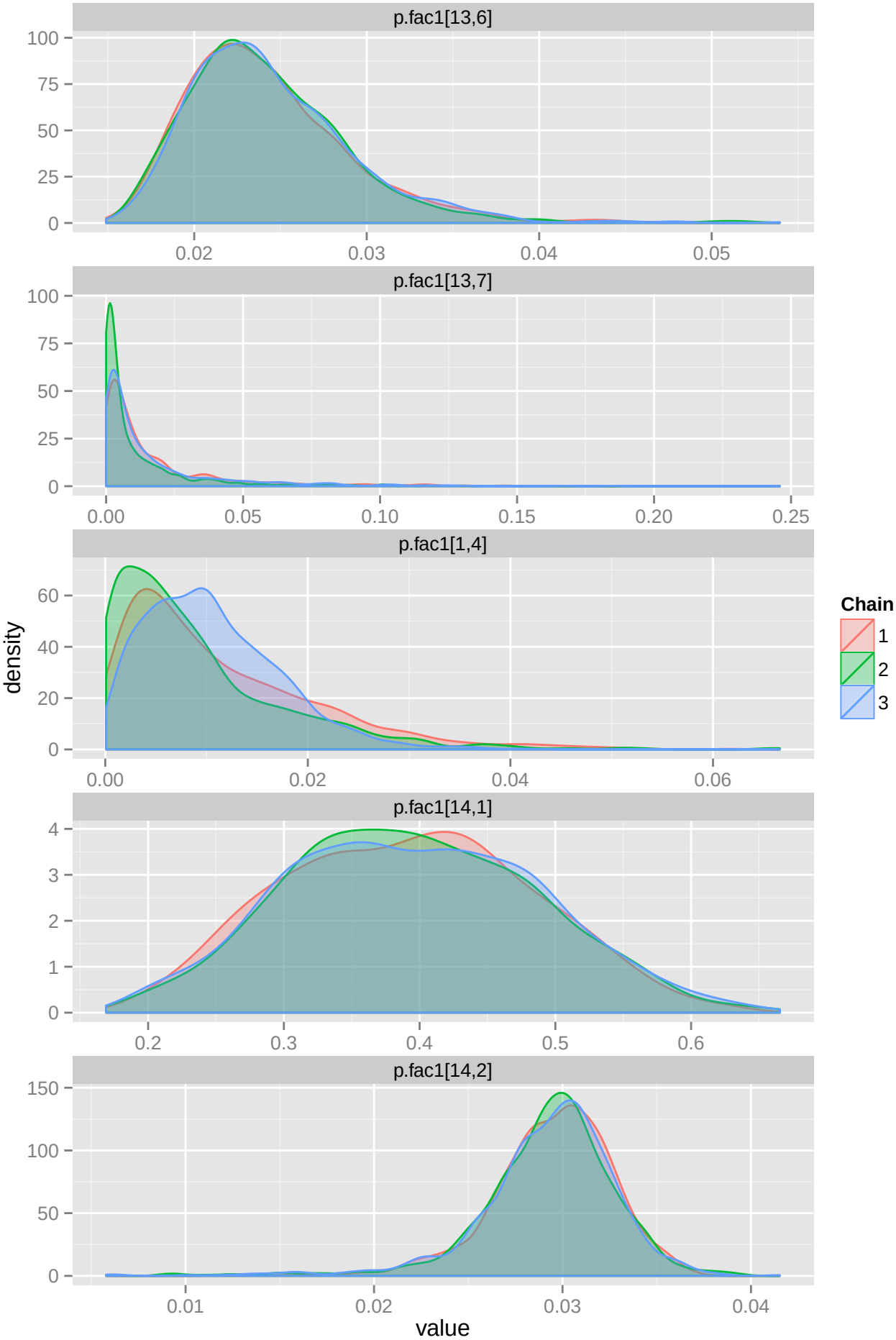

p.fac1[10,5]
p.fac1[10,6]
p.fac1[10,7]
p.fac1[1,1]
p.fac1[11,1]
density
value
Chain
1
2
3

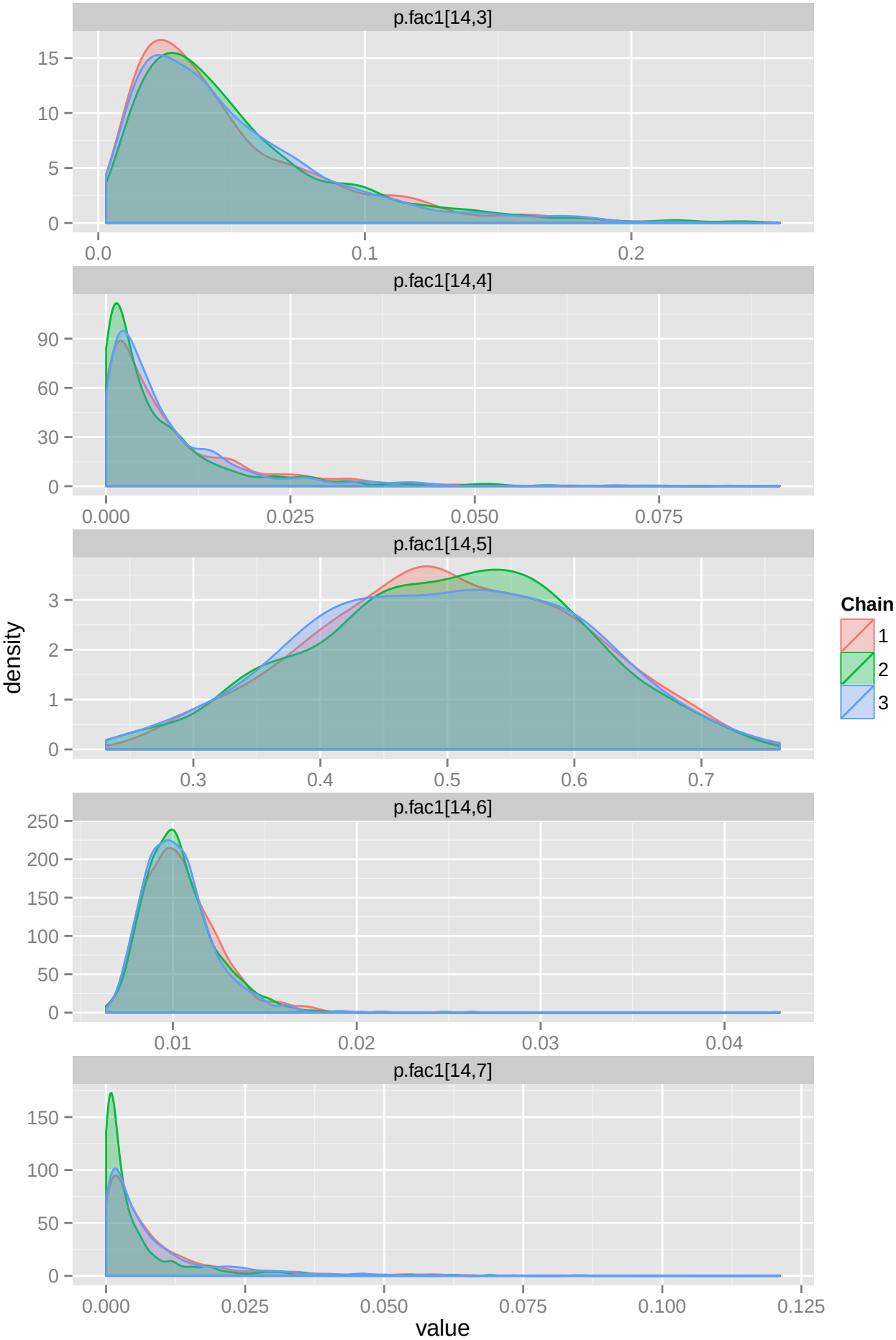

p.fac1[11,2]
40
30
20
10
0
0.00
0.01
0.02
0.03
0.04
p.fac1[11,3]
6
4
2
0
0.0
0.1
0.2
0.3
0.4
p.fac1[11,4]
150
100
50
0
0.00
0.03
0.06
0.09
p.fac1[11,5]
8
6
4
2
0
0.0
0.2
0.4
0.6
p.fac1[11,6]
2500
2000
1500
1000
500
0
0.0000
0.0005
0.0010
0.0015
density
value
Chain
1
2
3

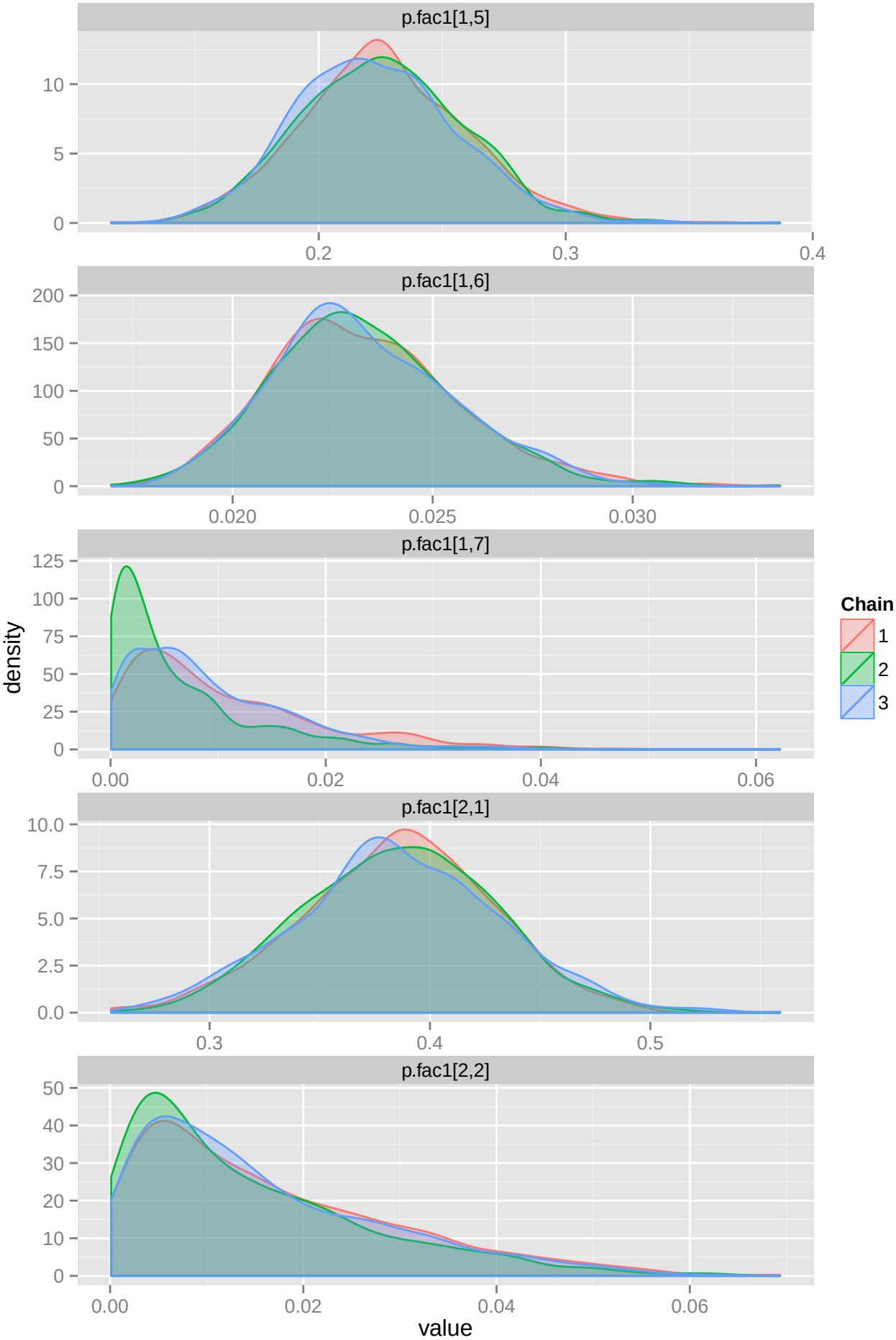

p.fac1[11,7]
200
100
0
0.00
0.05
0.10
0.15
p.fac1[1,2]
75
50
25
0
0.01
0.02
0.03
0.04
p.fac1[12,1]
8
6
4
2
0
0.4
0.5
0.6
0.7
0.8
p.fac1[12,2]
100
50
0
0.01
0.02
0.03
0.04
p.fac1[12,3]
15
10
5
0
0.0
0.1
0.2
0.3
density
value
Chain
1
2
3

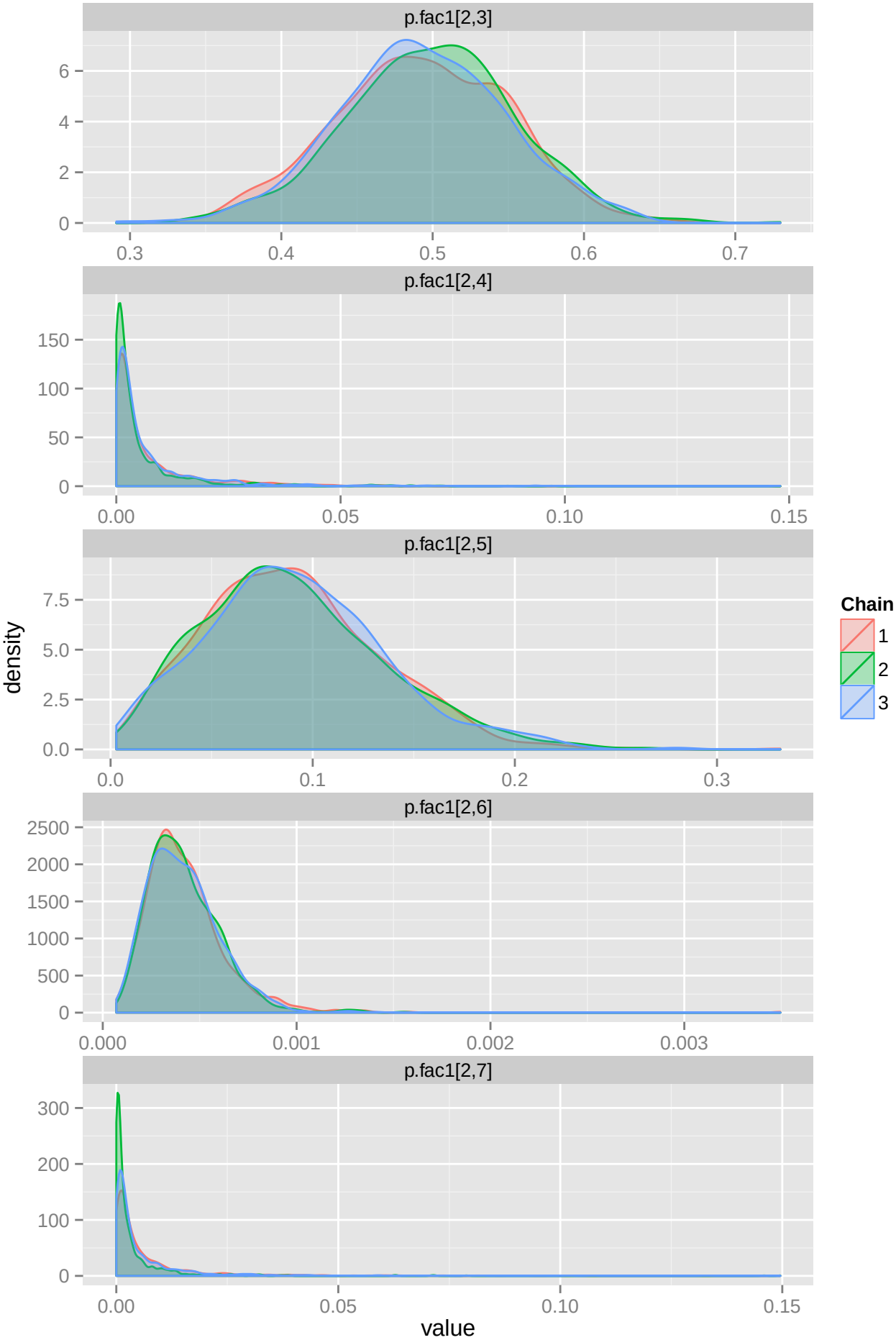

p.fac1[12,4]
120
90
60
30
0
0.00
0.02
0.04
0.06
p.fac1[12,5]
8
6
4
2
0
0.1
0.2
0.3
0.4
p.fac1[12,6]
150
100
50
0
0.01
0.02
0.03
0.04
p.fac1[12,7]
150
100
50
0
0.000
0.025
0.050
0.075
p.fac1[1,3]
9
6
3
0
0.1
0.2
0.3
density
value
Chain
1
2
3

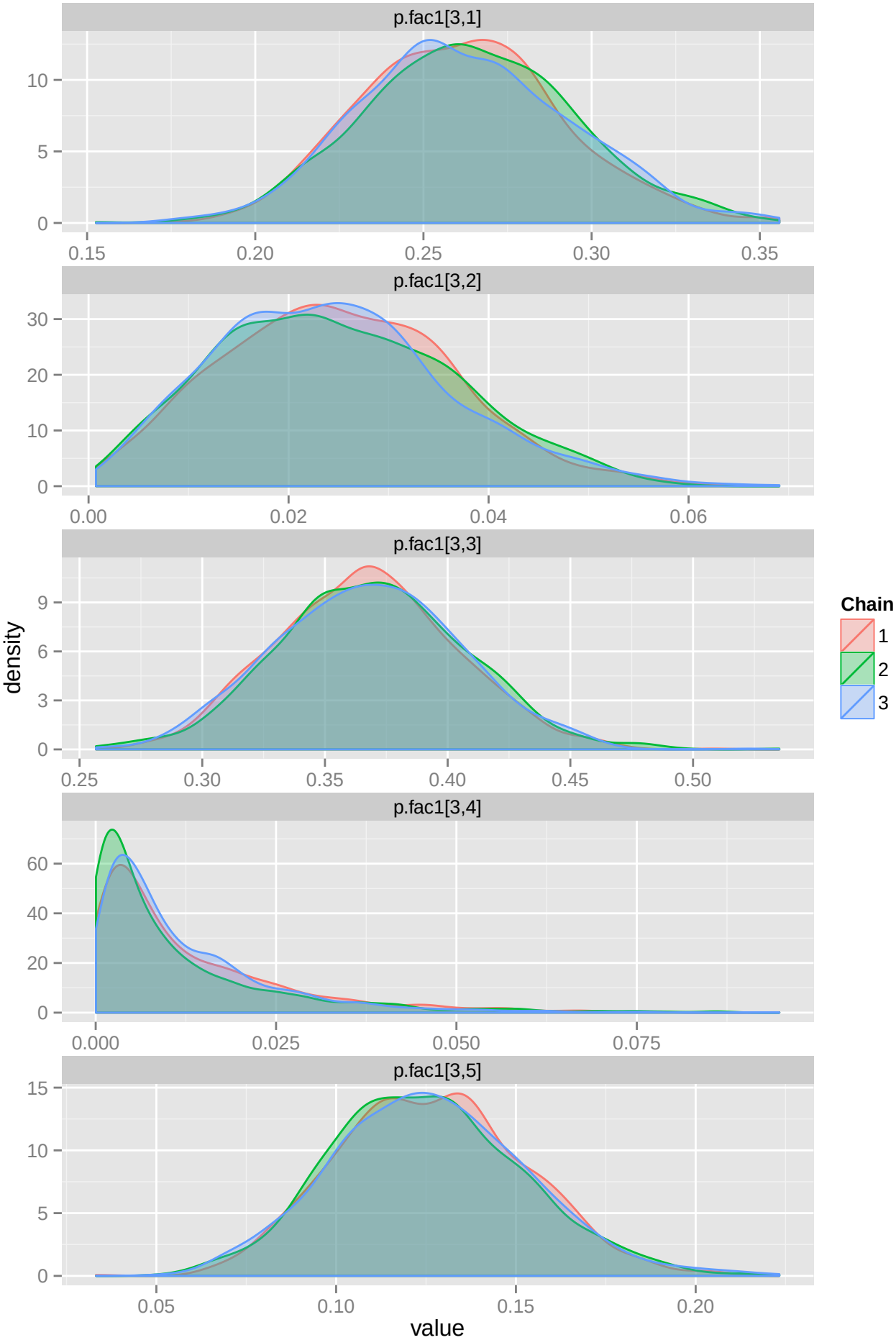

p.fac1[13,1]
p.fac1[13,2]
p.fac1[13,3]
p.fac1[13,4]
p.fac1[13,5]
density
value
Chain
1
2
3

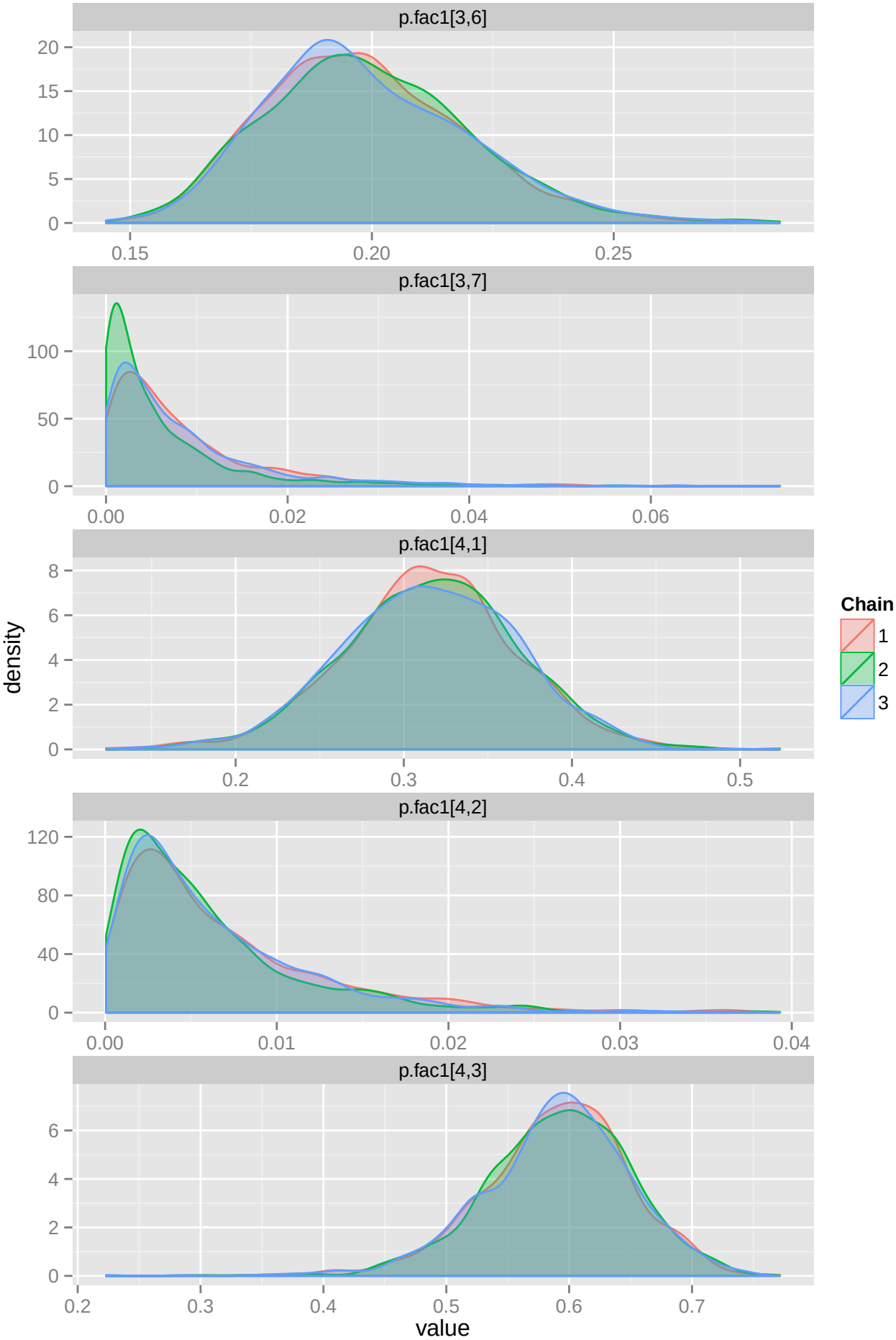

p.fac1[13,6]
p.fac1[13,7]
p.fac1[1,4]
p.fac1[14,1]
p.fac1[14,2]
density
value
Chain
1
2
3

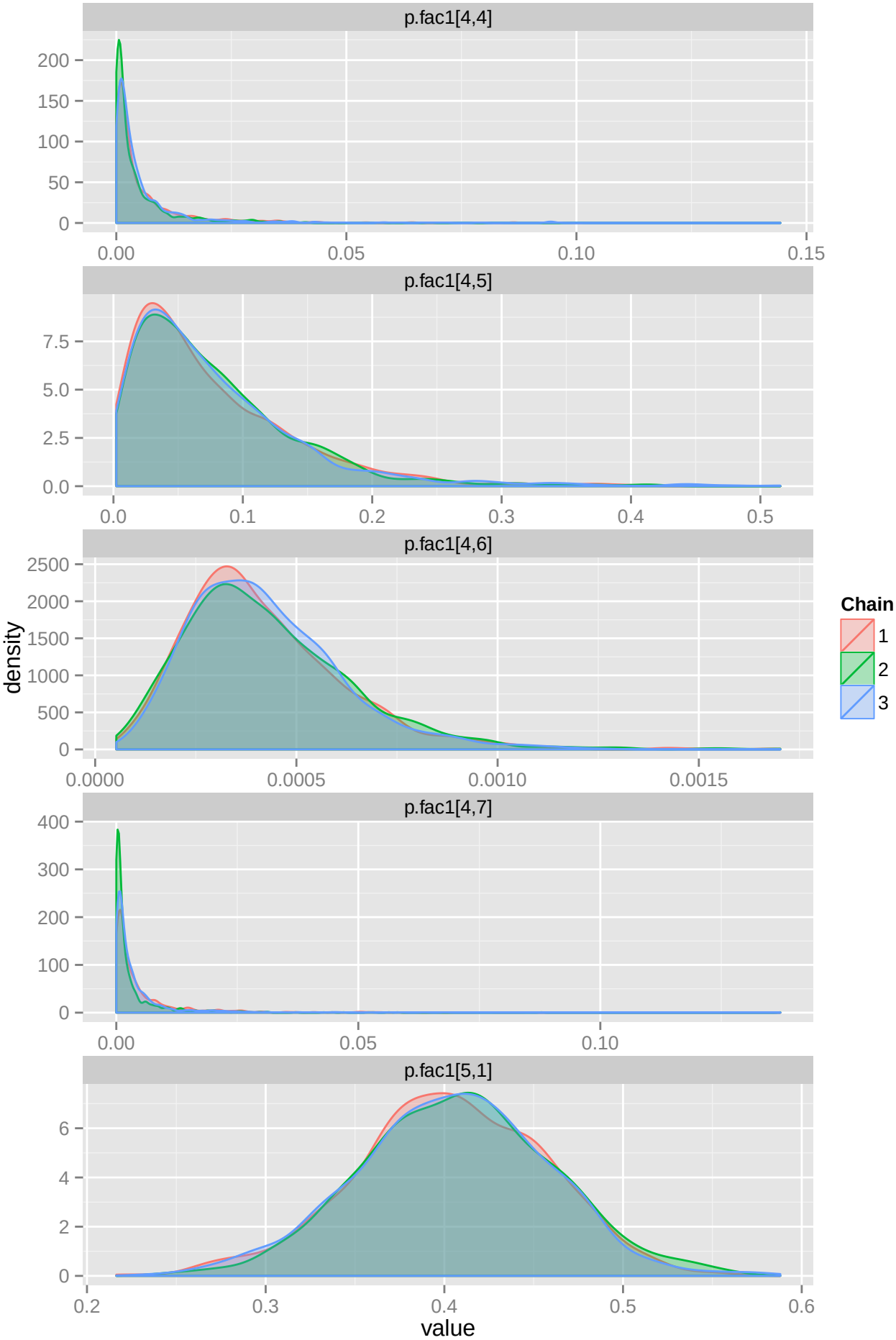

p.fac1[14,3]
15
10
5
0
0.0
0.1
0.2
p.fac1[14,4]
90
60
30
0
0.000
0.025
0.050
0.075
p.fac1[14,5]
3
2
1
0
0.3
0.4
0.5
0.6
0.7
p.fac1[14,6]
250
200
150
100
50
0
0.01
0.02
0.03
0.04
p.fac1[14,7]
150
100
50
0
0.000
0.025
0.050
0.075
0.100
0.125
density
value
Chain
1
2
3

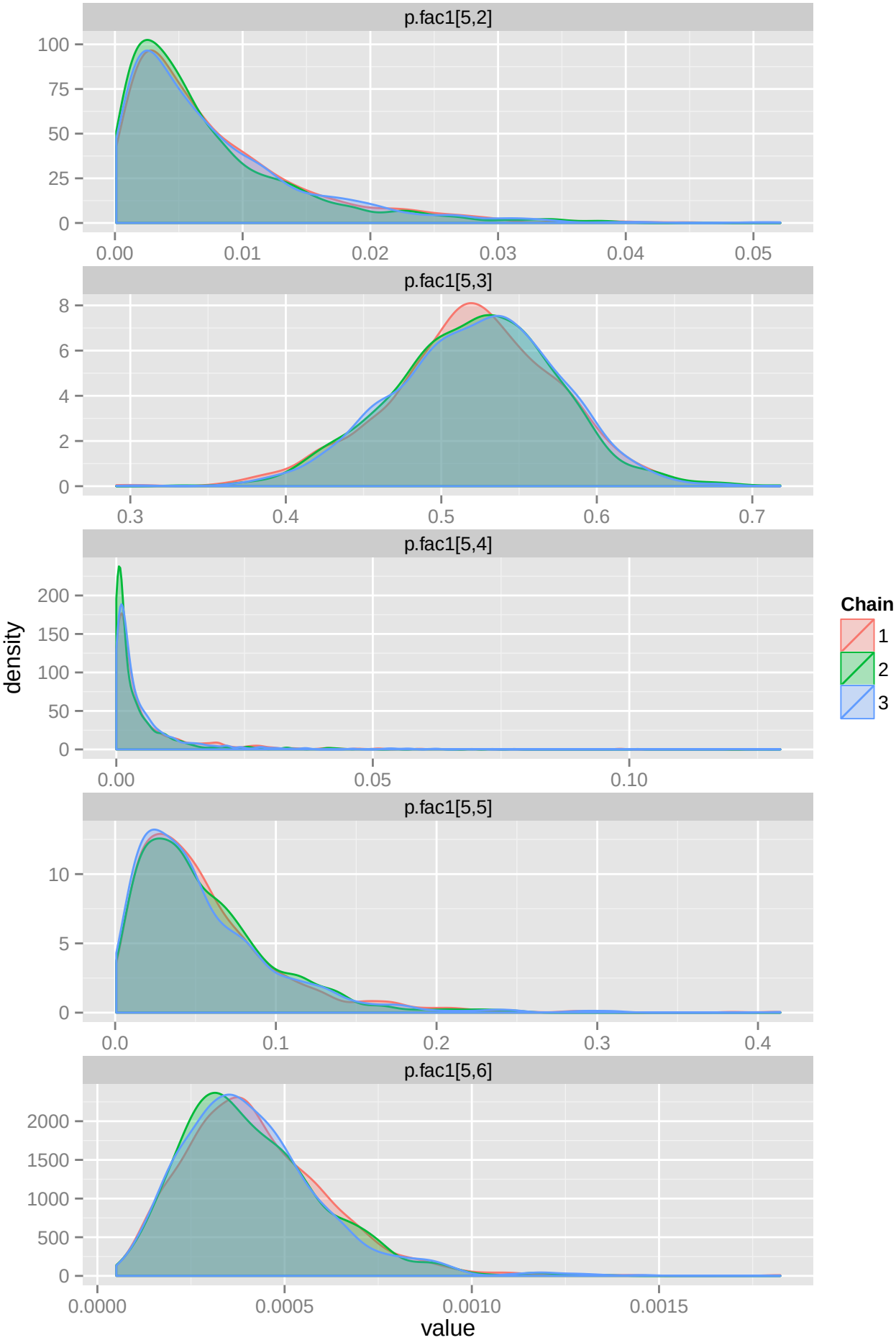

p.fac1[1,5]
p.fac1[1,6]
p.fac1[1,7]
p.fac1[2,1]
p.fac1[2,2]
density
value
Chain
1
2
3

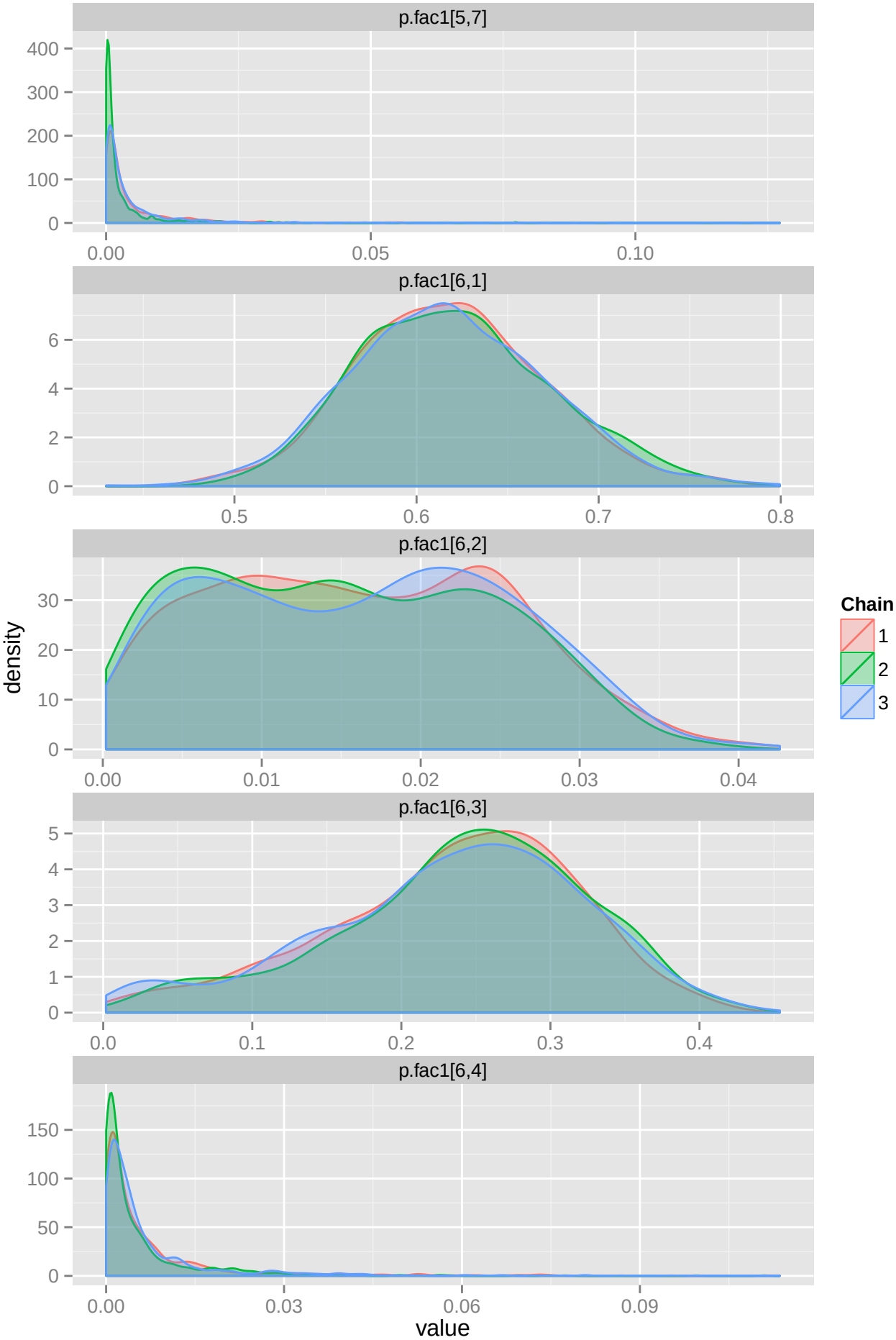

p.fac1[2,3]
p.fac1[2,4]
p.fac1[2,5]
p.fac1[2,6]
p.fac1[2,7]
density
value
Chain
1
2
3

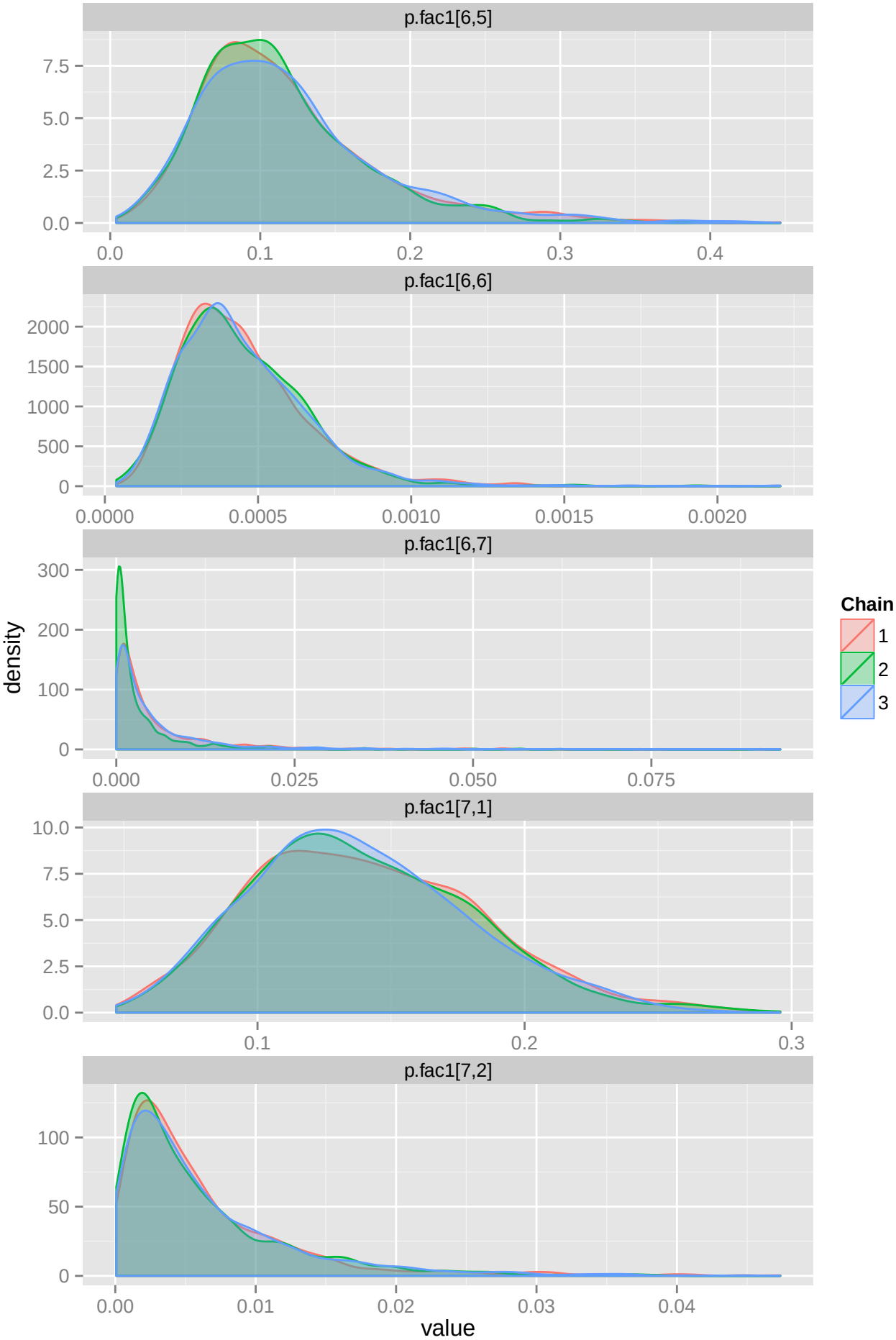

p.fac1[3,1]
p.fac1[3,2]
p.fac1[3,3]
p.fac1[3,4]
p.fac1[3,5]
density
value
Chain
1
2
3

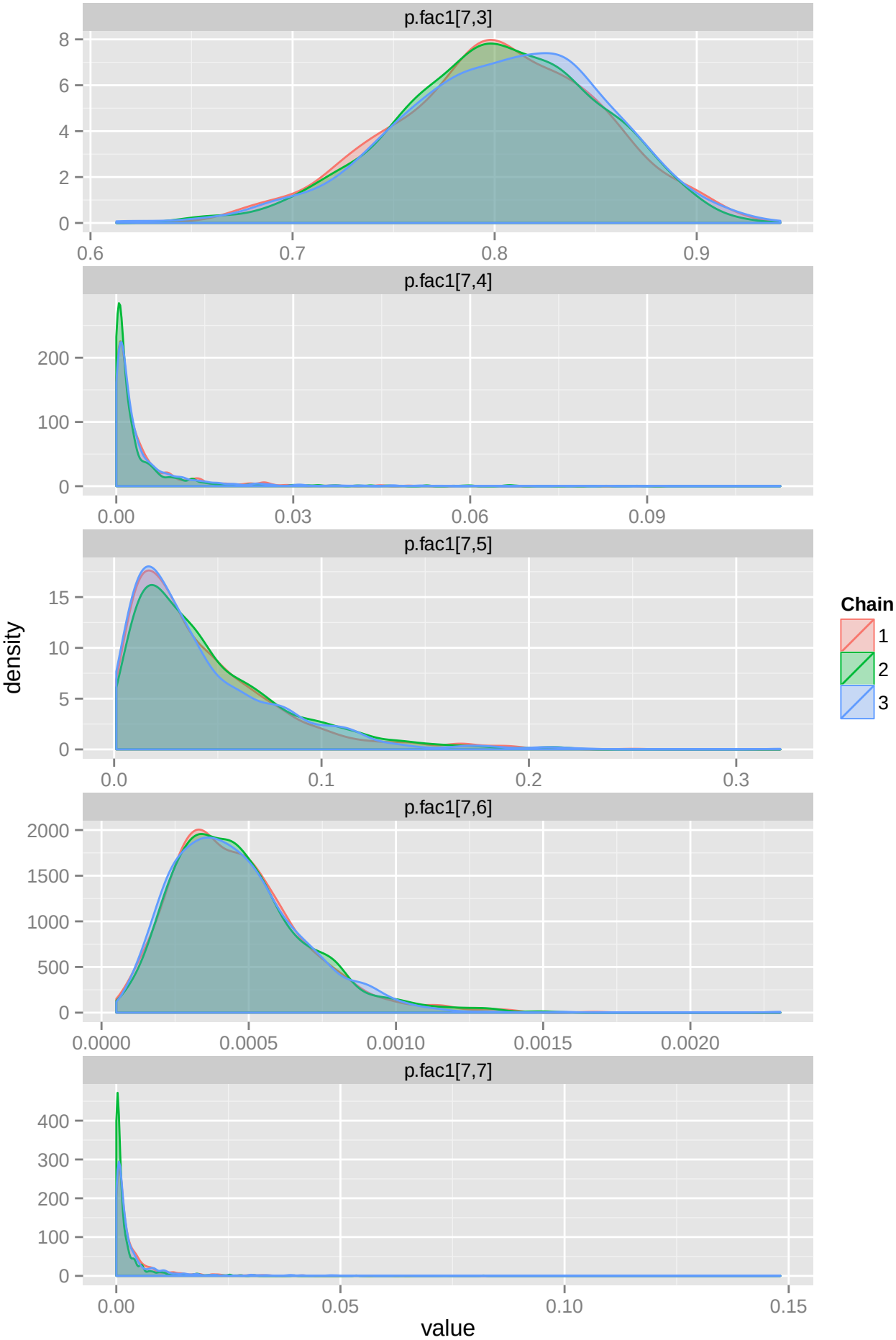

p.fac1[3,6]
20
15
10
5
0
0.15
0.20
0.25
p.fac1[3,7]
100
50
0
0.00
0.02
0.04
0.06
p.fac1[4,1]
8
6
4
2
0
0.2
0.3
0.4
0.5
p.fac1[4,2]
120
80
40
0
0.00
0.01
0.02
0.03
0.04
p.fac1[4,3]
6
4
2
0
0.2
0.3
0.4
0.5
0.6
0.7
density
value
Chain
1
2
3

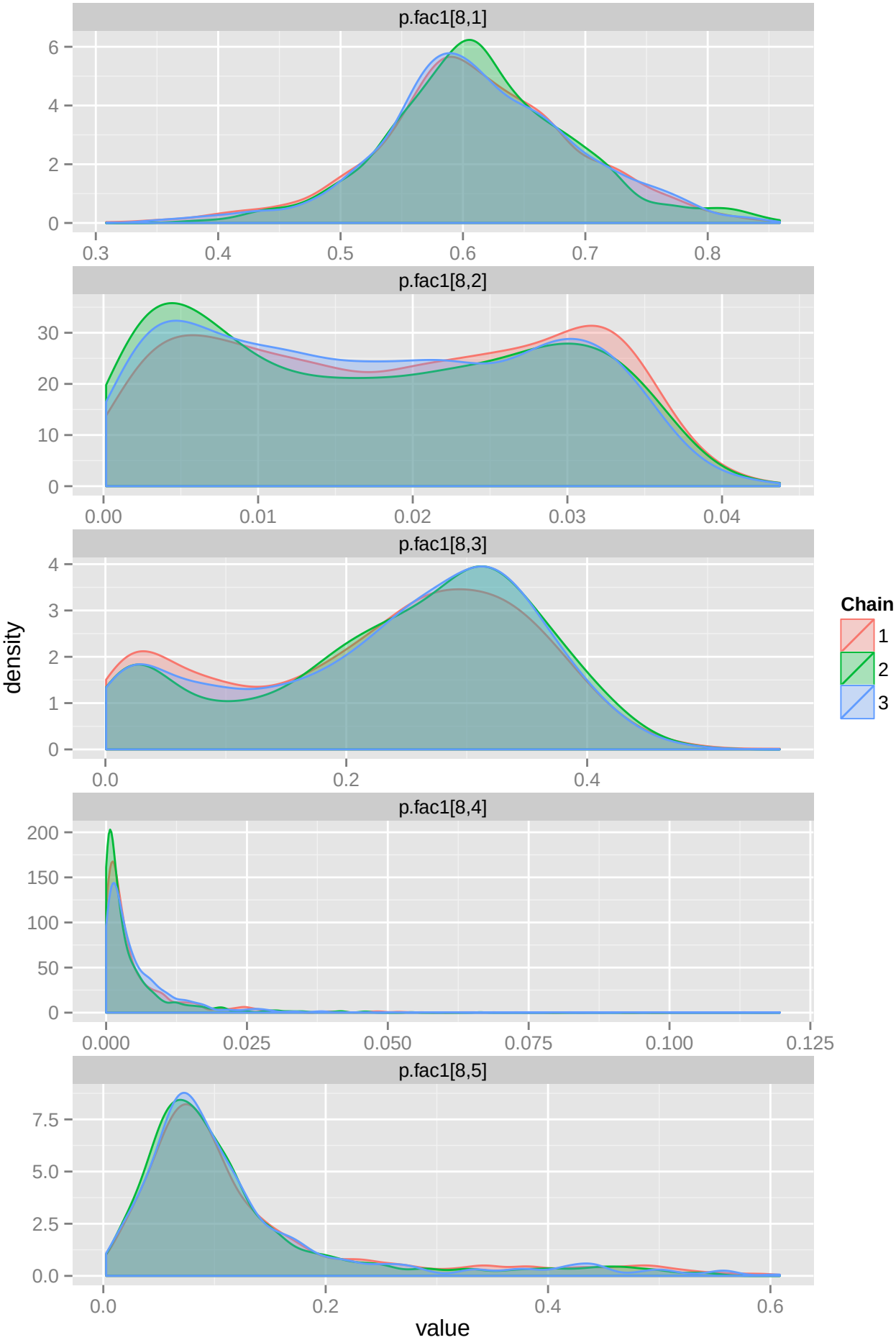

p.fac1[4,4]
200
150
100
50
0
0.00
0.05
0.10
0.15
p.fac1[4,5]
7.5
5.0
2.5
0.0
0.0
0.1
0.2
0.3
0.4
0.5
p.fac1[4,6]
2500
2000
1500
1000
500
0
0.0000
0.0005
0.0010
0.0015
density
Chain
1
2
3
p.fac1[4,7]
400
300
200
100
0
0.00
0.05
0.10
p.fac1[5,1]
6
4
2
0
0.2
0.3
0.4
0.5
0.6
value

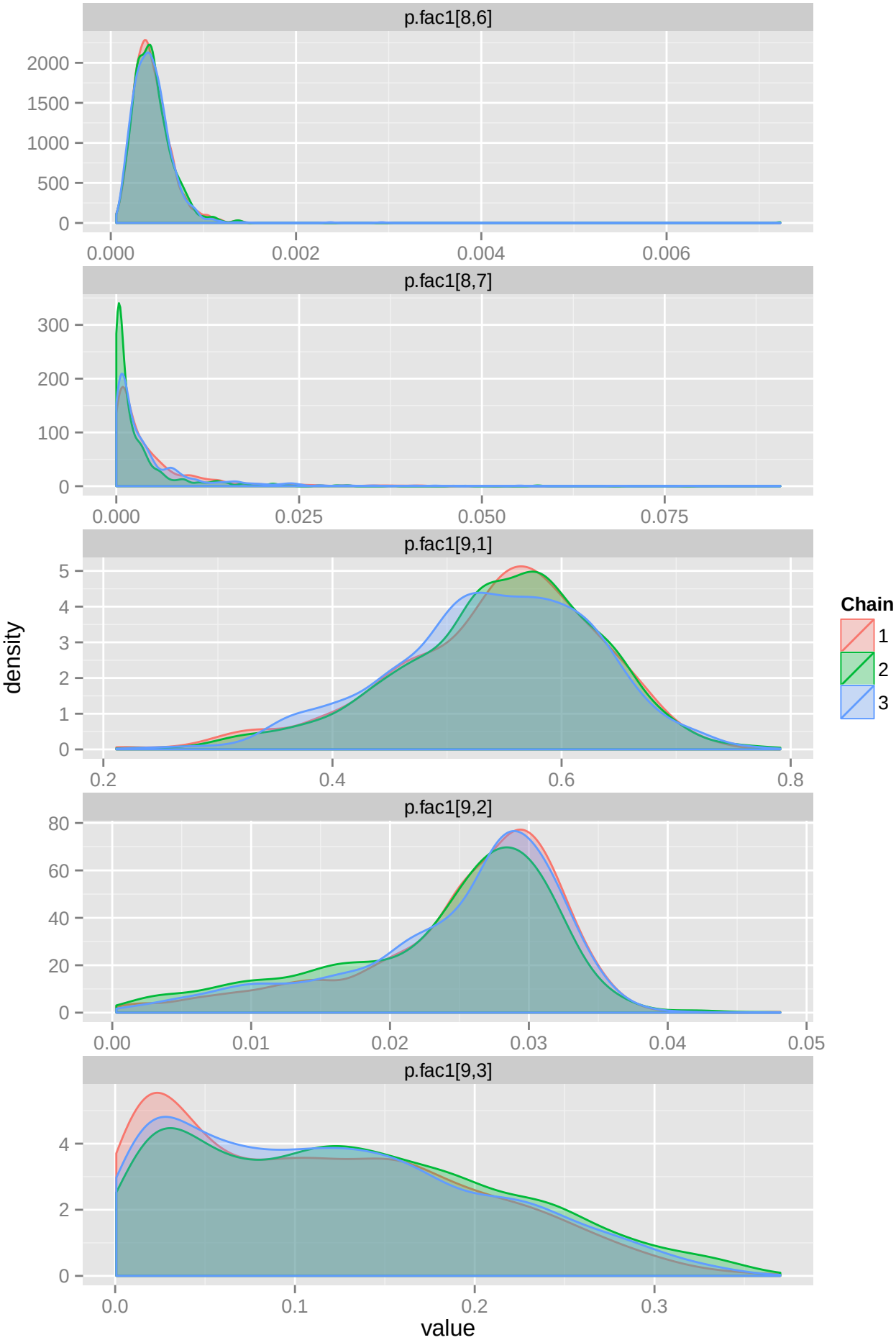

p.fac1[5,2]
100
75
50
25
0
0.00
0.01
0.02
0.03
0.04
0.05
p.fac1[5,3]
8
6
4
2
0
0.3
0.4
0.5
0.6
0.7
p.fac1[5,4]
200
150
100
50
0
0.00
0.05
0.10
p.fac1[5,5]
10
5
0
0.0
0.1
0.2
0.3
0.4
p.fac1[5,6]
2000
1500
1000
500
0
0.0000
0.0005
0.0010
0.0015
density
value
Chain
1
2
3

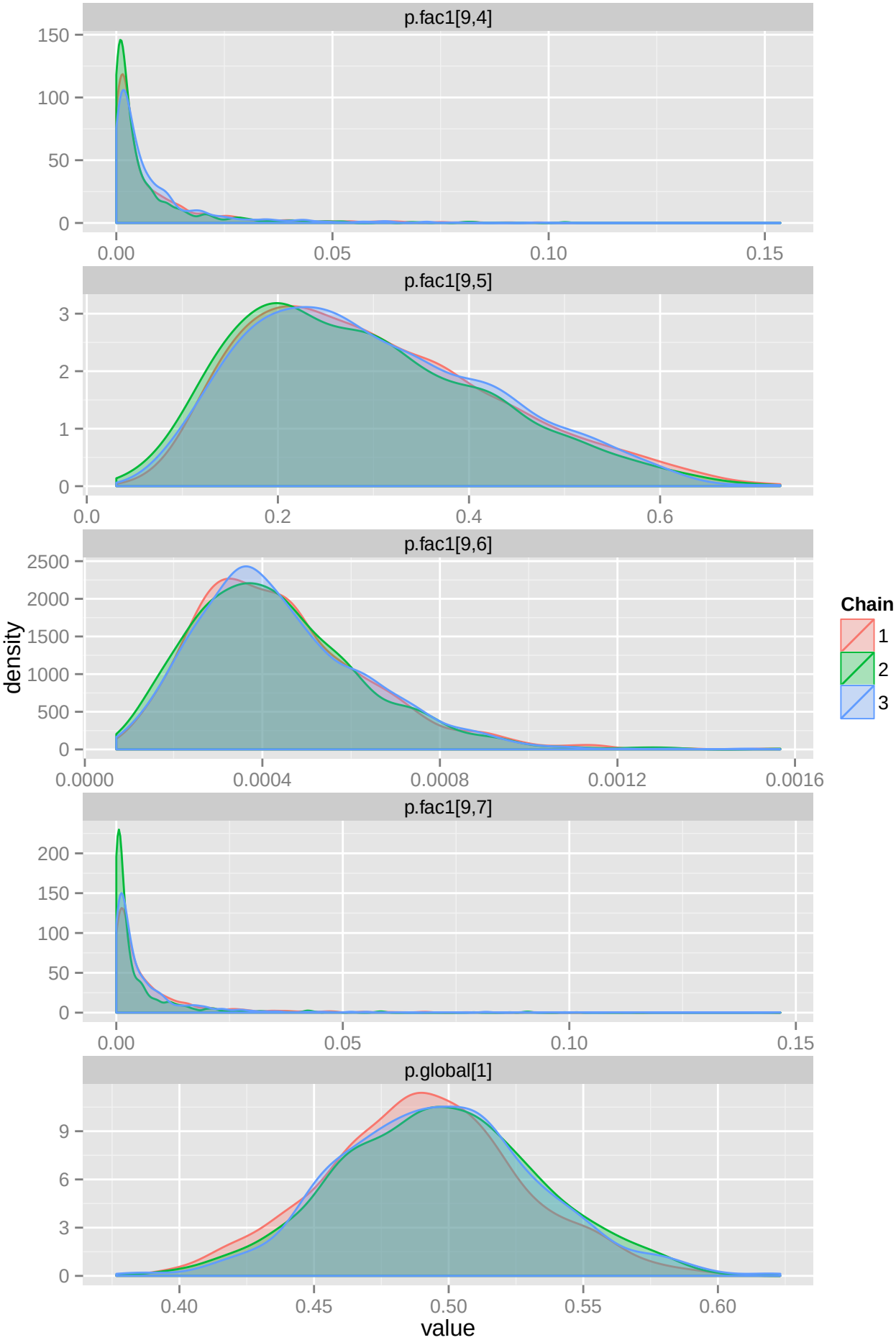

p.fac1[5,7]
400
300
200
100
0
0.00
0.05
0.10
p.fac1[6,1]
6
4
2
0
0.5
0.6
0.7
0.8
p.fac1[6,2]
30
20
10
0
0.00
0.01
0.02
0.03
0.04
p.fac1[6,3]
5
4
3
2
1
0
0.0
0.1
0.2
0.3
0.4
p.fac1[6,4]
150
100
50
0
0.00
0.03
0.06
0.09
density
value
Chain
1
2
3

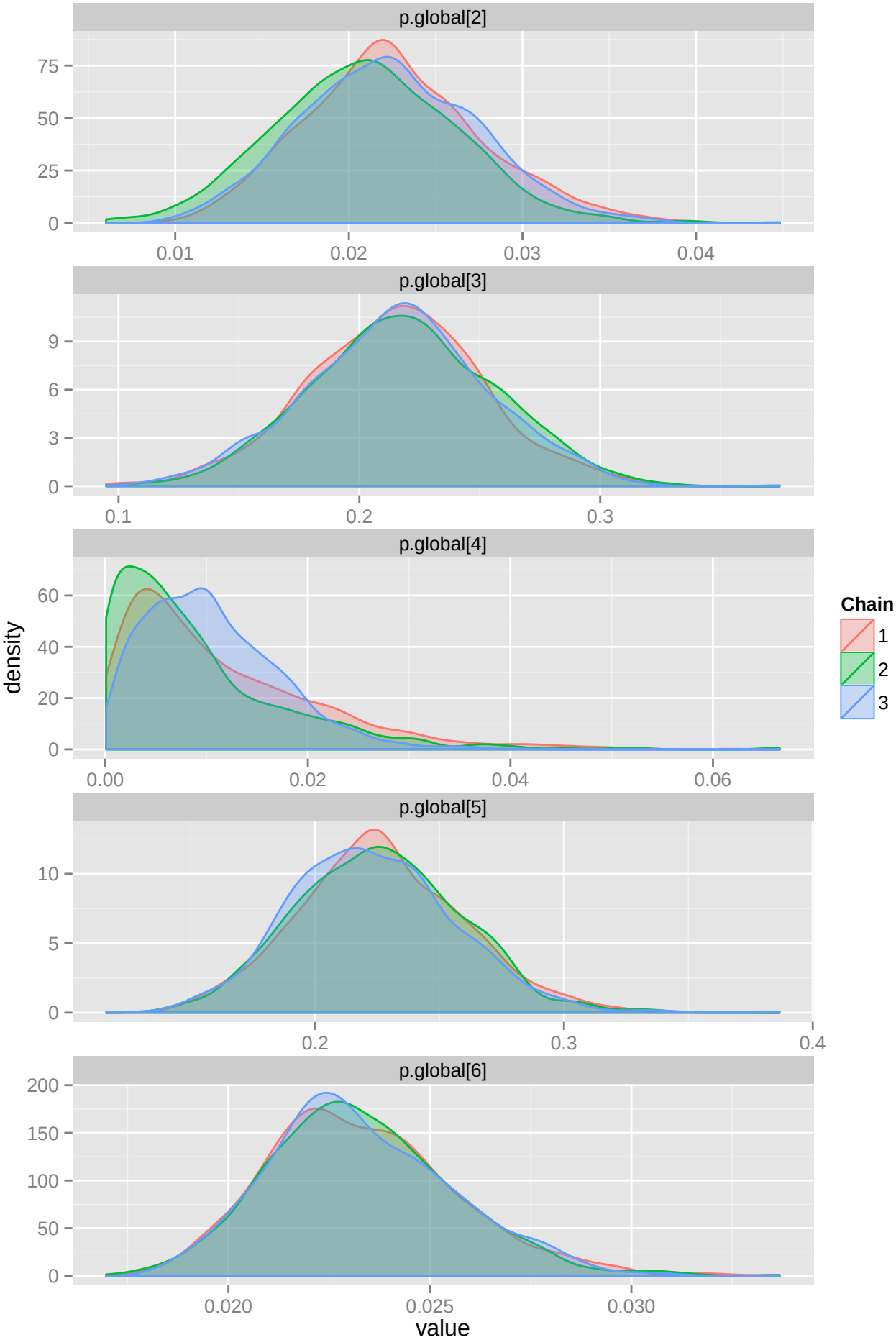

p.fac1[6,5]
7.5
5.0
2.5
0.0
0.0
0.1
0.2
0.3
0.4
p.fac1[6,6]
2000
1500
1000
500
0
0.0000
0.0005
0.0010
0.0015
0.0020
p.fac1[6,7]
300
200
100
0
0.000
0.025
0.050
0.075
p.fac1[7,1]
10.0
7.5
5.0
2.5
0.0
0.1
0.2
0.3
p.fac1[7,2]
100
50
0
0.00
0.01
0.02
0.03
0.04
density
value
Chain
1
2
3

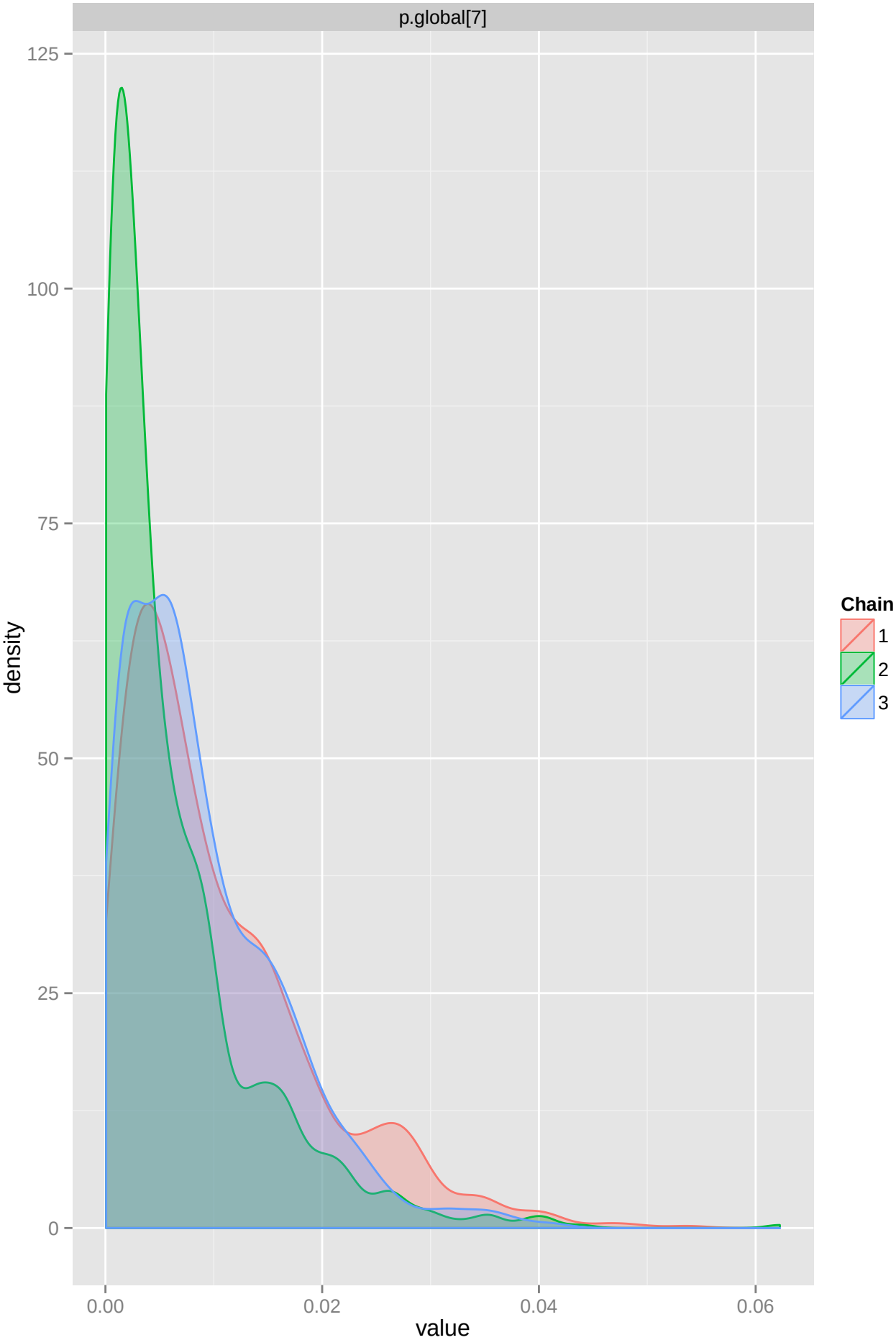

p.fac1[7,3]
8
6
4
2
0
0.6
0.7
0.8
0.9
p.fac1[7,4]
200
100
0
0.00
0.03
0.06
0.09
p.fac1[7,5]
15
10
5
0
0.0
0.1
0.2
0.3
p.fac1[7,6]
2000
1500
1000
500
0
0.0000
0.0005
0.0010
0.0015
0.0020
p.fac1[7,7]
400
300
200
100
0
0.00
0.05
0.10
0.15
density
value
Chain
1
2
3

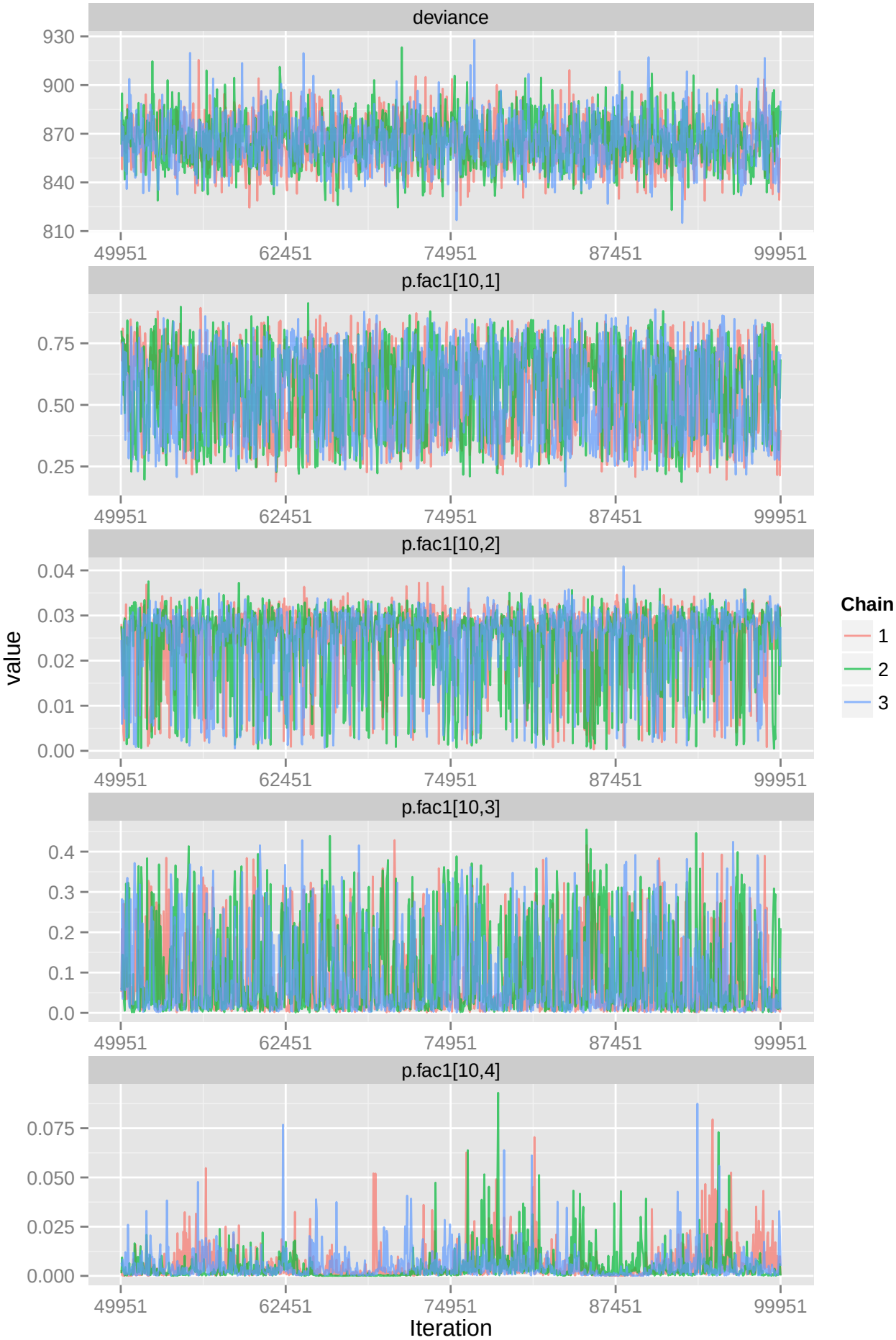

p.fac1[8,1]
p.fac1[8,2]
p.fac1[8,3]
p.fac1[8,4]
p.fac1[8,5]
density
value
Chain
1
2
3

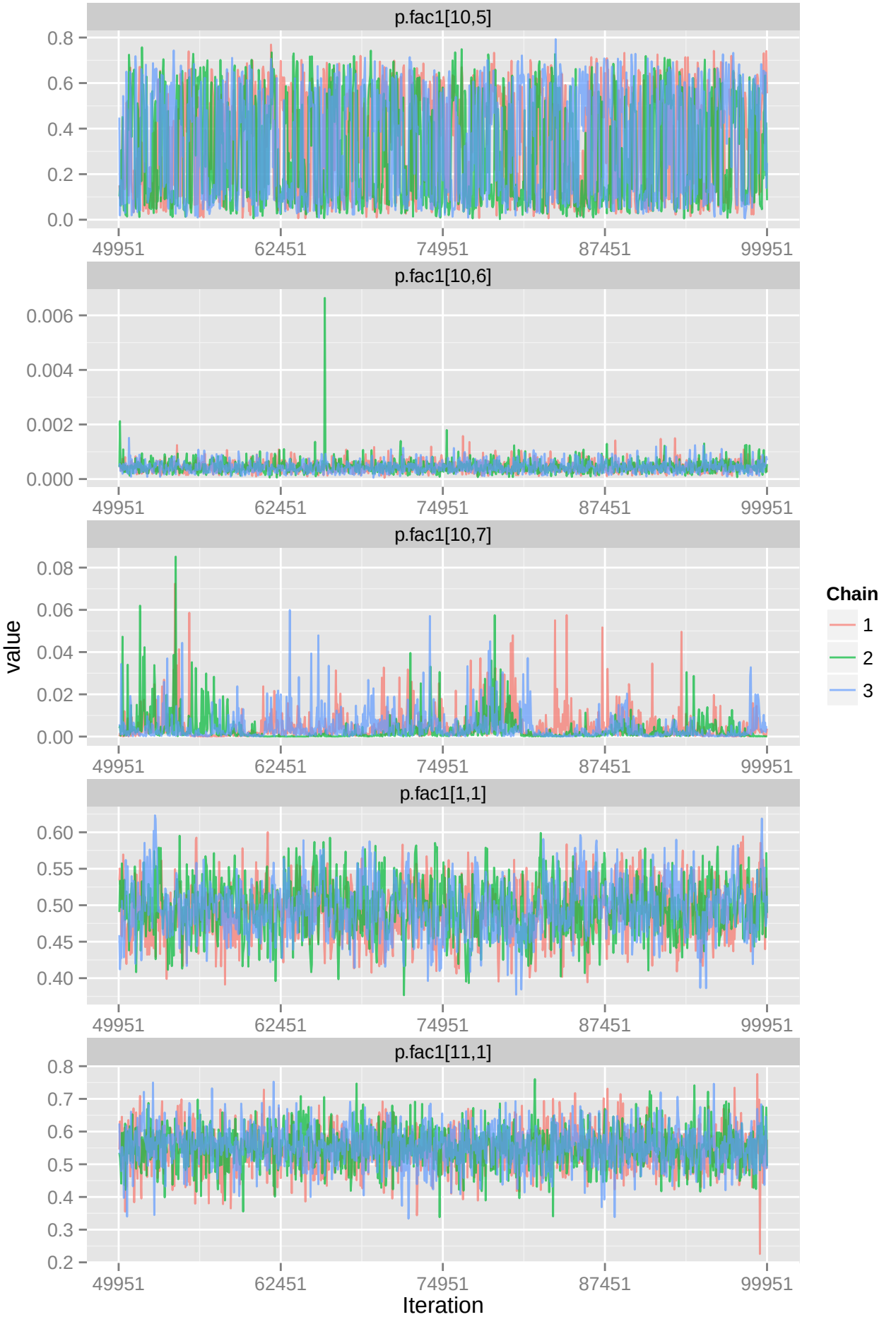

p.fac1[8,6]
2000
1500
1000
500
0
0.000
0.002
0.004
0.006
p.fac1[8,7]
300
200
100
0
0.000
0.025
0.050
0.075
p.fac1[9,1]
5
4
3
2
1
0
0.2
0.4
0.6
0.8
p.fac1[9,2]
80
60
40
20
0
0.00
0.01
0.02
0.03
0.04
0.05
p.fac1[9,3]
4
2
0
0.0
0.1
0.2
0.3
density
value
Chain
1
2
3

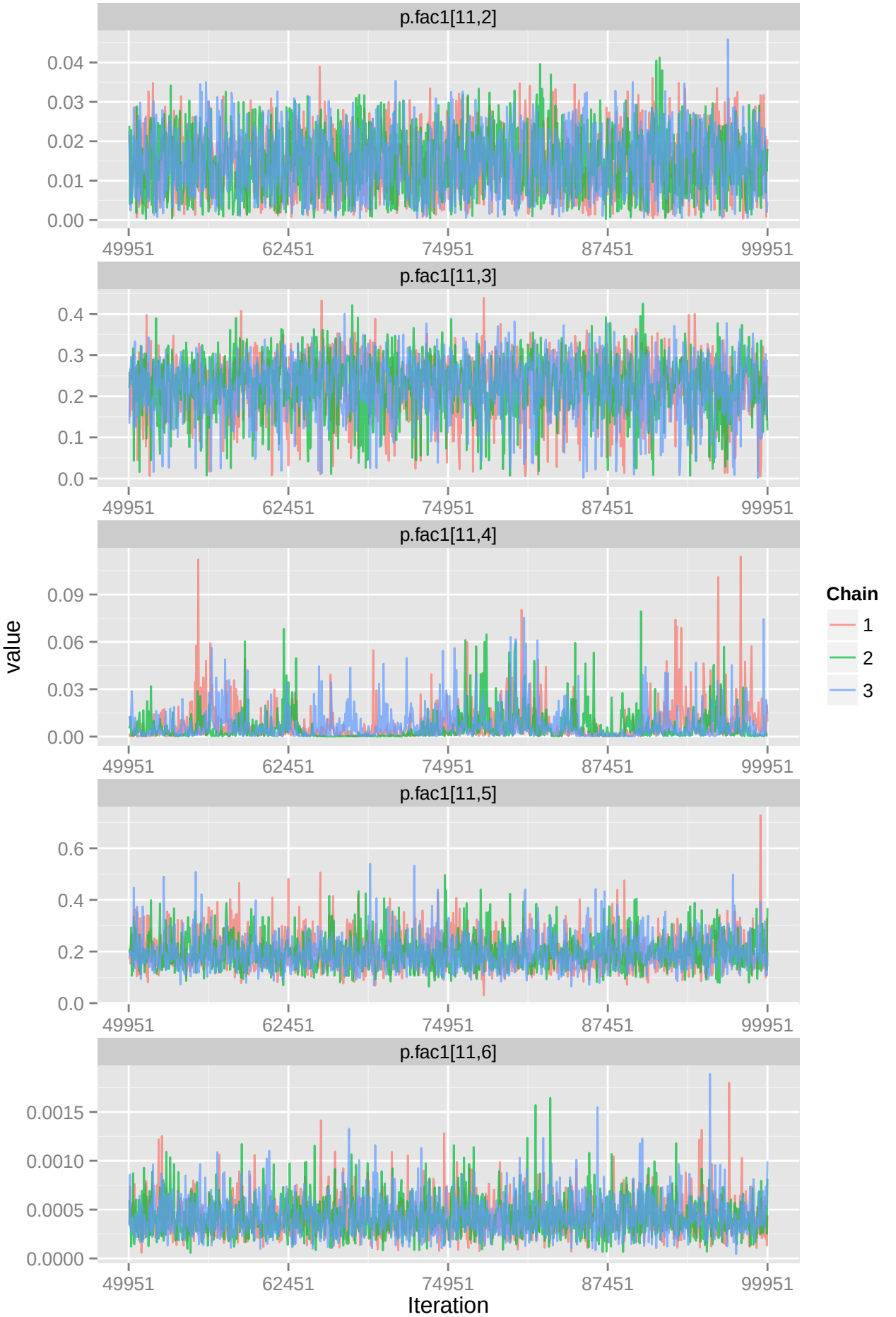

p.fac1[9,4]
150
100
50
0
0.00
0.05
0.10
0.15
p.fac1[9,5]
3
2
1
0
0.0
0.2
0.4
0.6
p.fac1[9,6]
2500
2000
1500
1000
500
0
0.0000
0.0004
0.0008
0.0012
0.0016
density
Chain
1
2
3
p.fac1[9,7]
200
150
100
50
0
0.00
0.05
0.10
0.15
p.global[1]
9
6
3
0
0.40
0.45
0.50
0.55
0.60
value

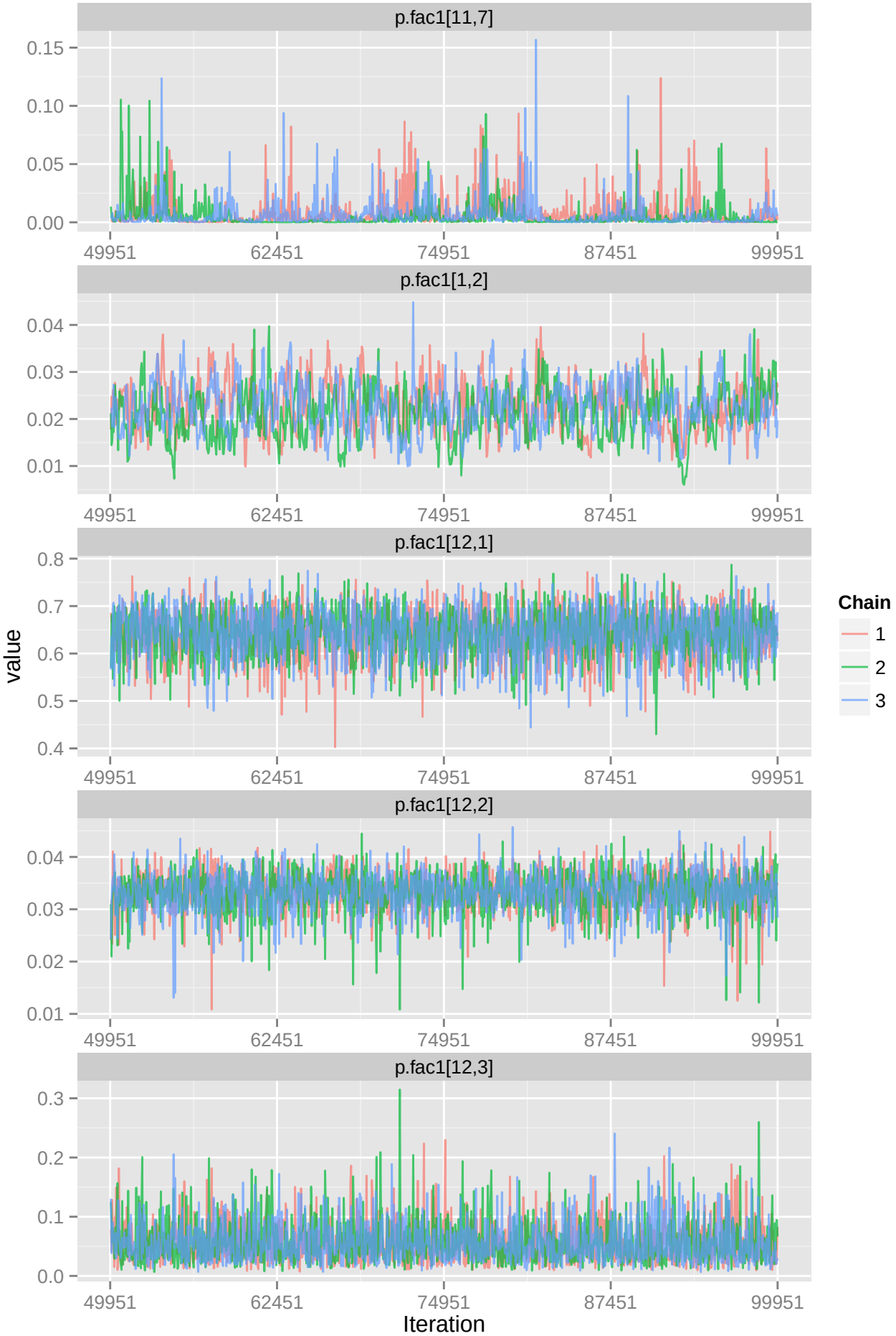

p.global[2]
75
50
25
0
0.01
0.02
0.03
0.04
p.global[3]
9
6
3
0
0.1
0.2
0.3
p.global[4]
60
40
20
0
0.00
0.02
0.04
0.06
p.global[5]
10
5
0
0.2
0.3
0.4
p.global[6]
200
150
100
50
0
0.020
0.025
0.030
density
value
Chain
1
2
3

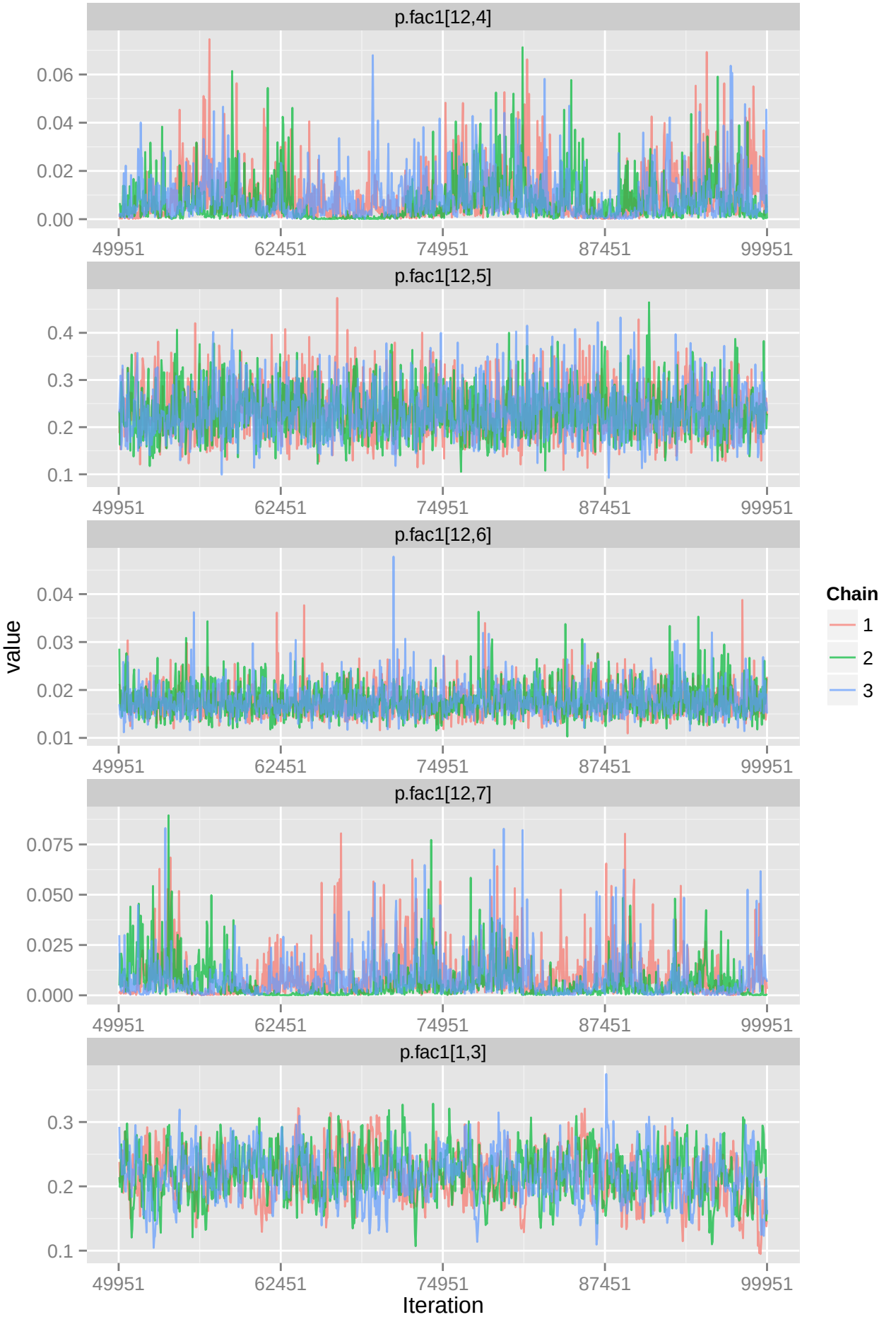

p.global[7]
125
100
75
50
25
0
density
0.00
0.02
0.04
0.06
value
Chain
1
2
3

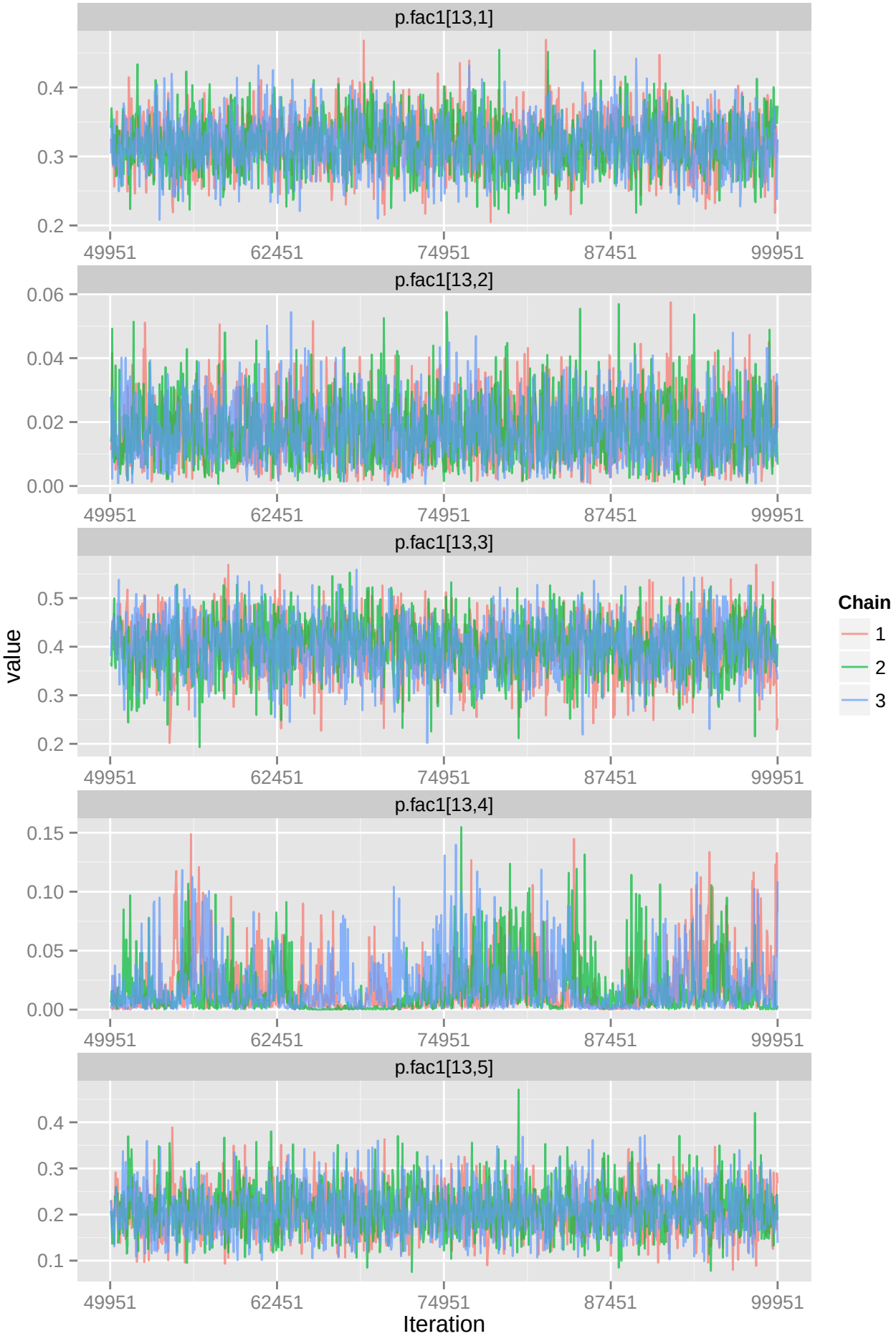

deviance
930
900
870
840
810
49951
62451
74951
87451
99951
p.fac1[10,1]
0.75
0.50
0.25
p.fac1[10,2]
0.04
0.03
0.02
0.01
0.00
p.fac1[10,3]
0.4
0.3
0.2
0.1
0.0
p.fac1[10,4]
0.075
0.050
0.025
0.000
value
Iteration
Chain
1
2
3

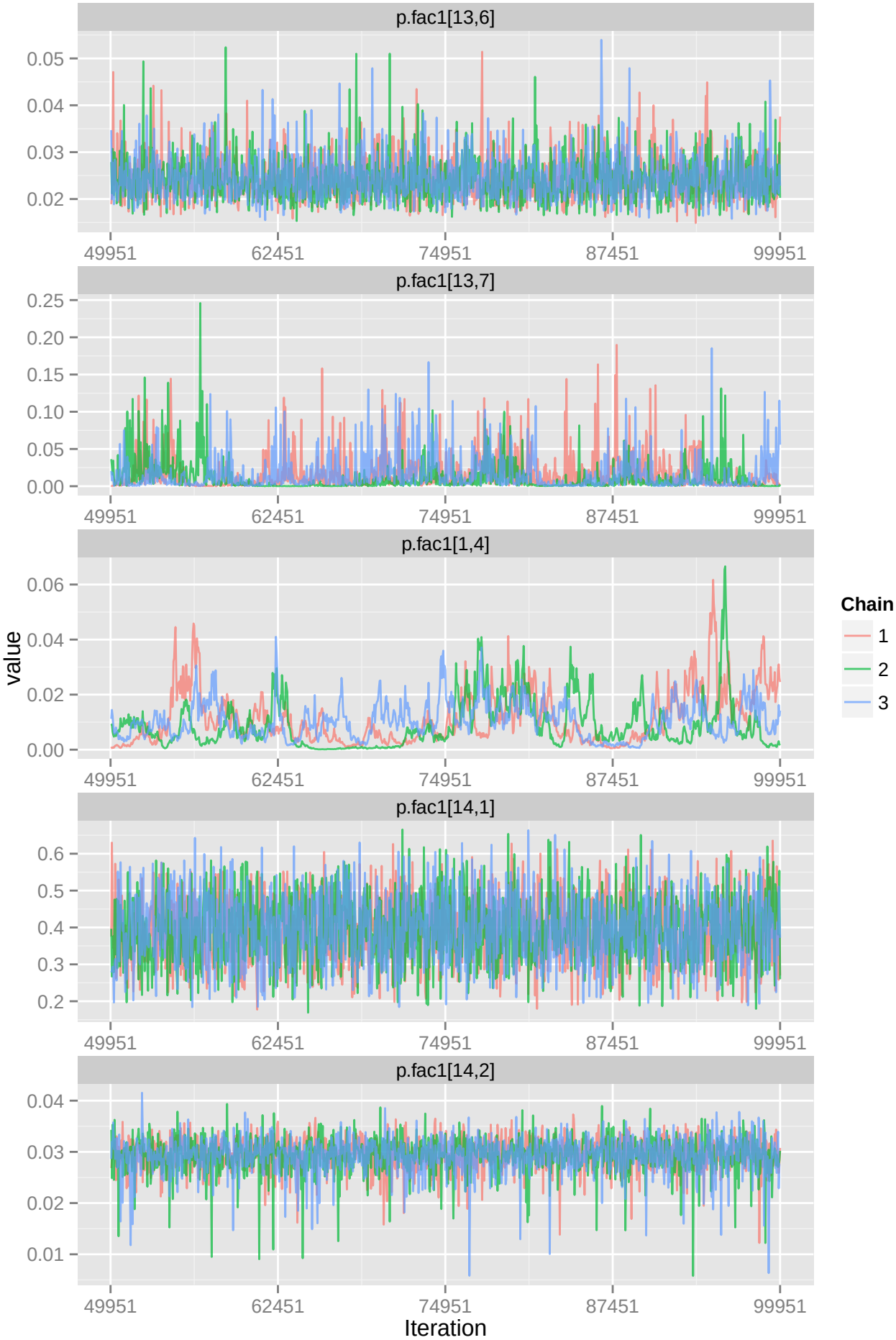

p.fac1[10,5]
0.8
0.6
0.4
0.2
0.0
49951
62451
74951
87451
99951
p.fac1[10,6]
0.006
0.004
0.002
0.000
49951
62451
74951
87451
99951
p.fac1[10,7]
0.08
0.06
0.04
0.02
0.00
49951
62451
74951
87451
99951
p.fac1[1,1]
0.60
0.55
0.50
0.45
0.40
49951
62451
74951
87451
99951
p.fac1[11,1]
0.8
0.7
0.6
0.5
0.4
0.3
0.2
49951
62451
74951
87451
99951
value
Iteration
Chain
1
2
3

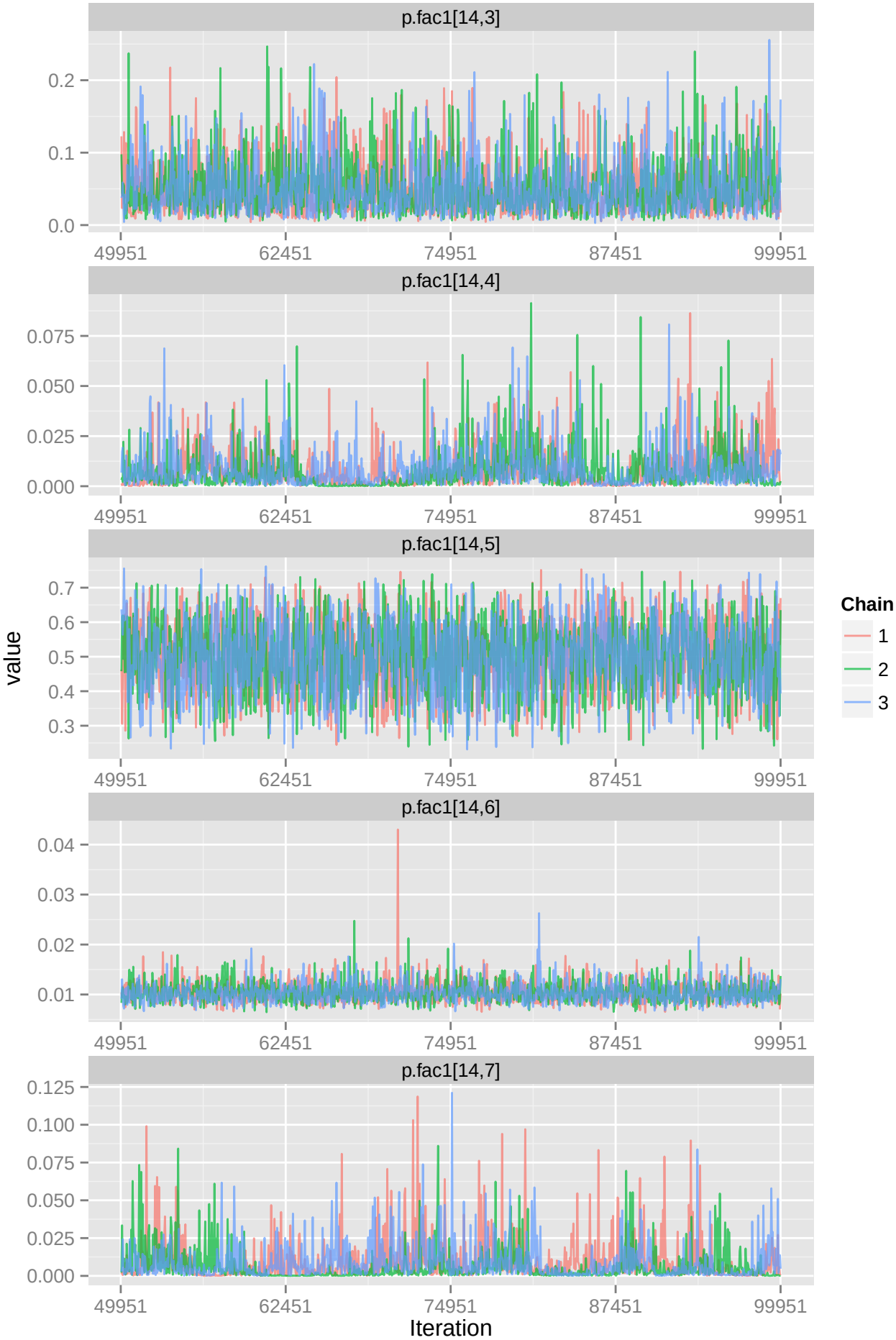

p.fac1[11,2]
0.04
0.03
0.02
0.01
0.00
49951
62451
74951
87451
99951
p.fac1[11,3]
0.4
0.3
0.2
0.1
0.0
p.fac1[11,4]
0.09
0.06
0.03
0.00
p.fac1[11,5]
0.6
0.4
0.2
0.0
p.fac1[11,6]
0.0015
0.0010
0.0005
0.0000
value
Iteration
Chain
1
2
3

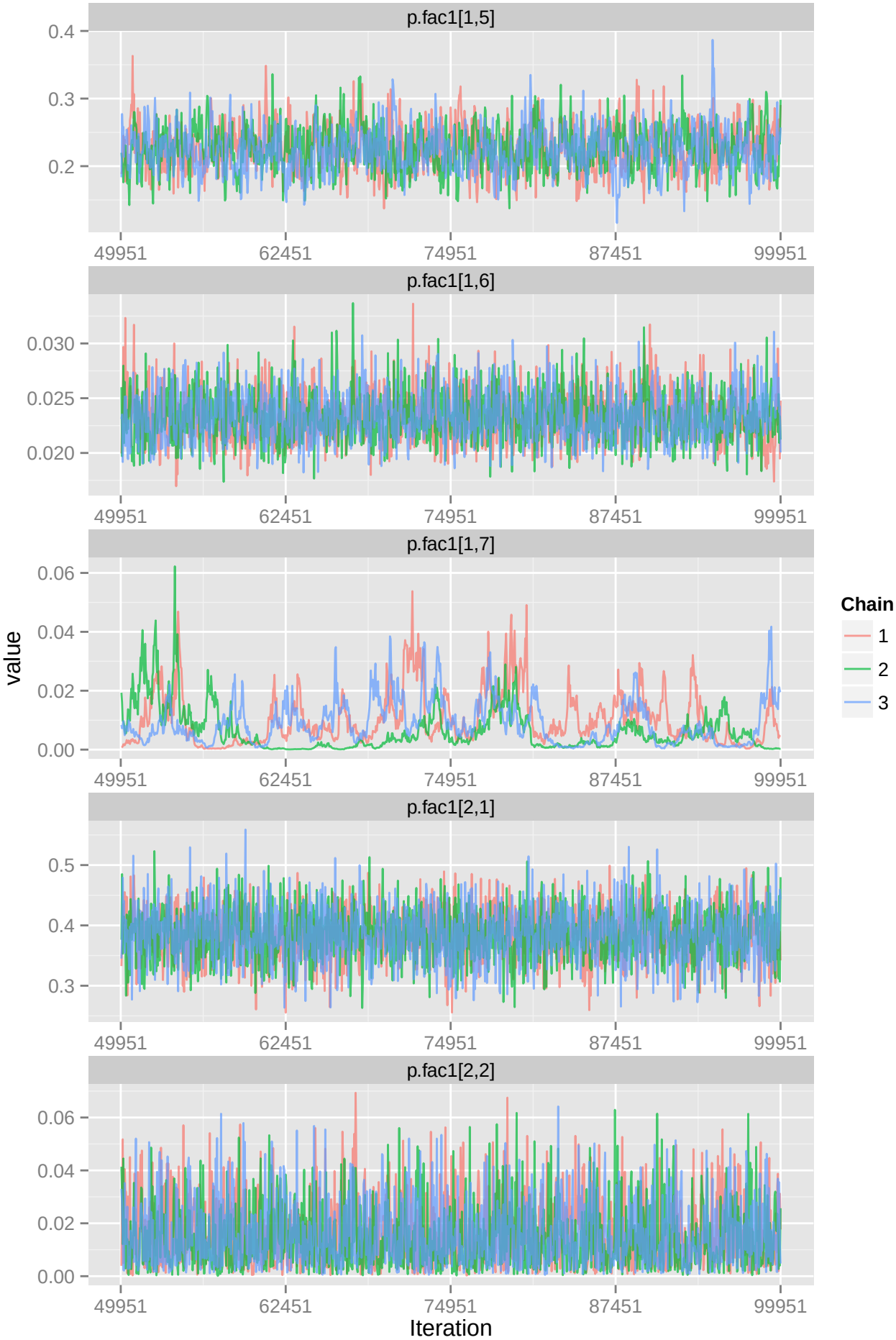

p.fac1[11,7]
0.15
0.10
0.05
0.00
49951
62451
74951
87451
99951
p.fac1[1,2]
0.04
0.03
0.02
0.01
p.fac1[12,1]
0.8
0.7
0.6
0.5
0.4
p.fac1[12,2]
p.fac1[12,3]
0.3
0.2
0.1
0.0
value
Iteration
Chain
1
2
3

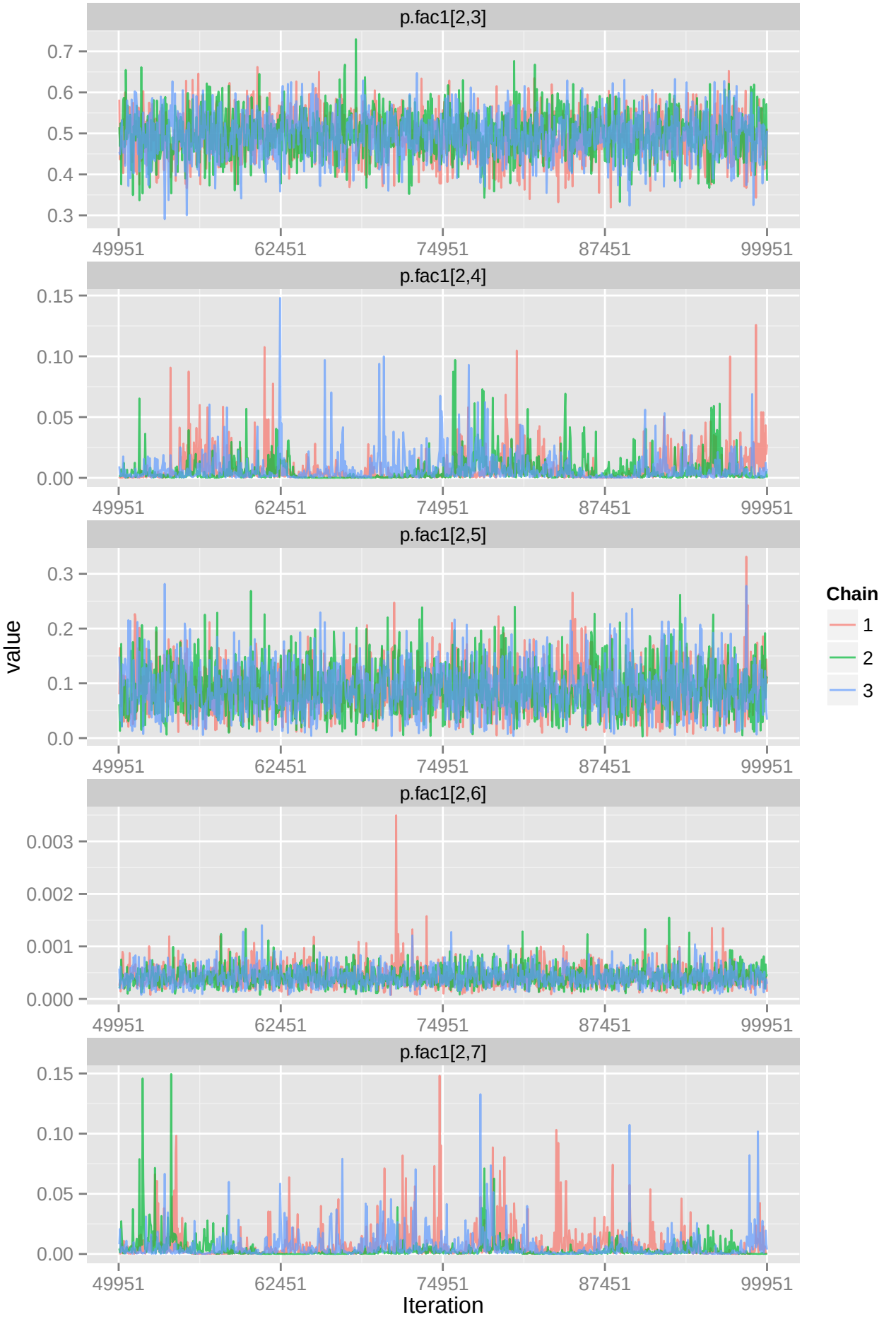

p.fac1[12,4]
0.06
0.04
0.02
0.00
49951
62451
74951
87451
99951
p.fac1[12,5]
0.4
0.3
0.2
0.1
49951
62451
74951
87451
99951
p.fac1[12,6]
0.04
0.03
0.02
0.01
49951
62451
74951
87451
99951
p.fac1[12,7]
0.075
0.050
0.025
0.000
49951
62451
74951
87451
99951
p.fac1[1,3]
0.3
0.2
0.1
49951
62451
74951
87451
99951
value
Iteration
Chain
1
2
3

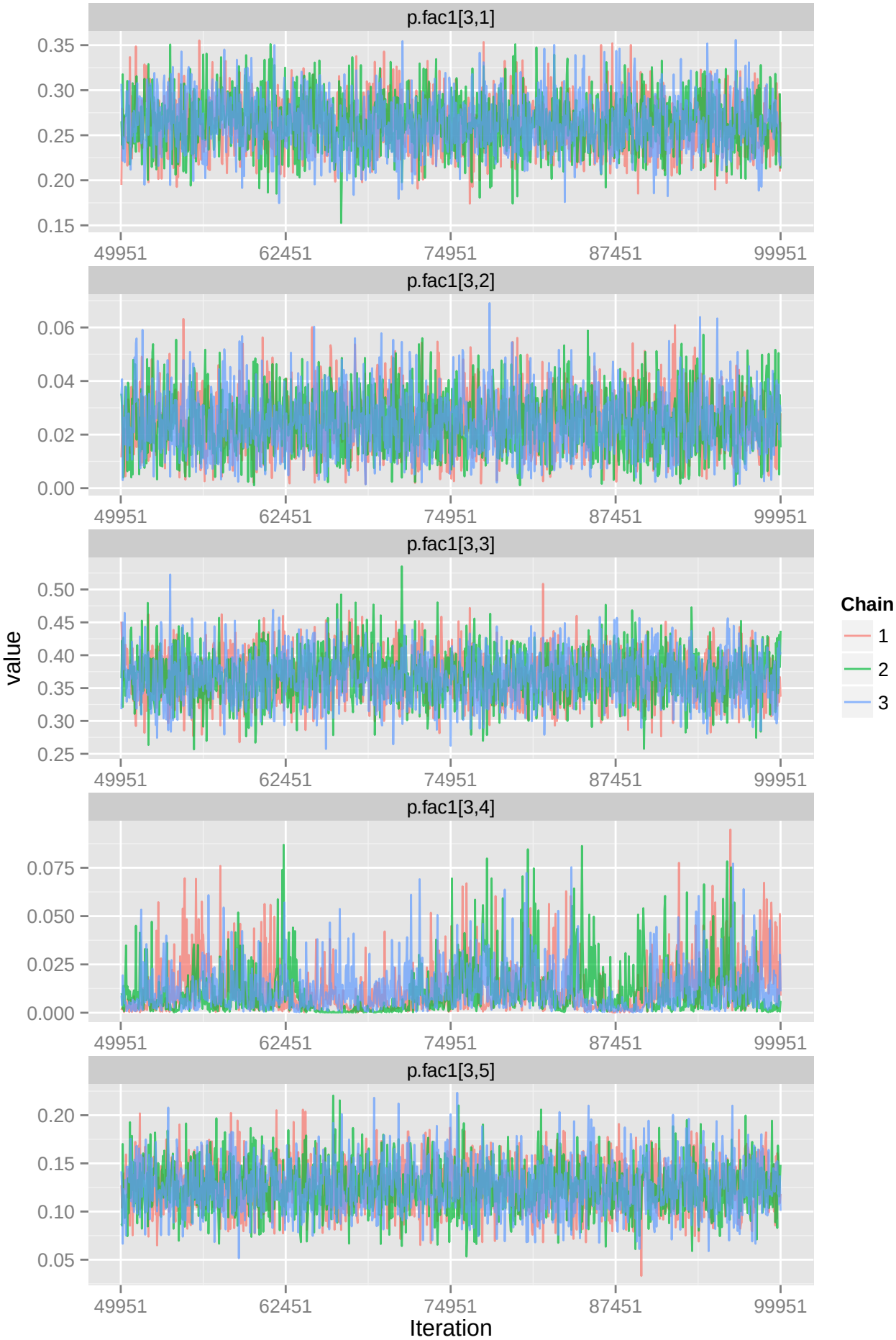

p.fac1[13,1]
0.4
0.3
0.2
49951
62451
74951
87451
99951
p.fac1[13,2]
0.06
0.04
0.02
0.00
p.fac1[13,3]
0.5
p.fac1[13,4]
0.15
0.10
0.05
p.fac1[13,5]
0.1
value
Iteration
Chain
1
2
3

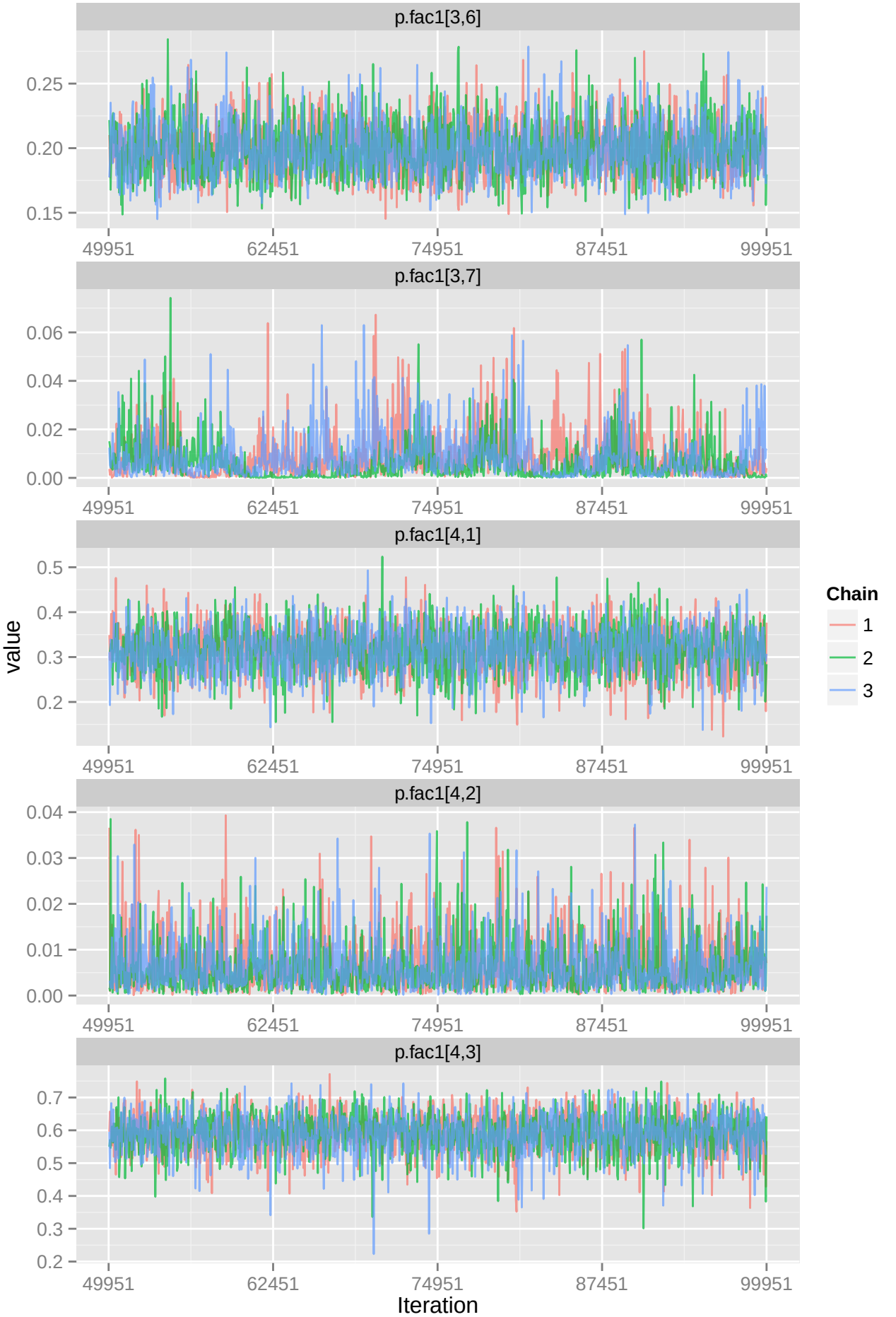

p.fac1[13,6]
0.05
0.04
0.03
0.02
49951
62451
74951
87451
99951
p.fac1[13,7]
0.25
0.20
0.15
0.10
0.05
0.00
49951
62451
74951
87451
99951
p.fac1[1,4]
0.06
0.04
0.02
0.00
49951
62451
74951
87451
99951
p.fac1[14,1]
0.6
0.5
0.4
0.3
0.2
49951
62451
74951
87451
99951
p.fac1[14,2]
0.04
0.03
0.02
0.01
49951
62451
74951
87451
99951
value
Iteration
Chain
1
2
3

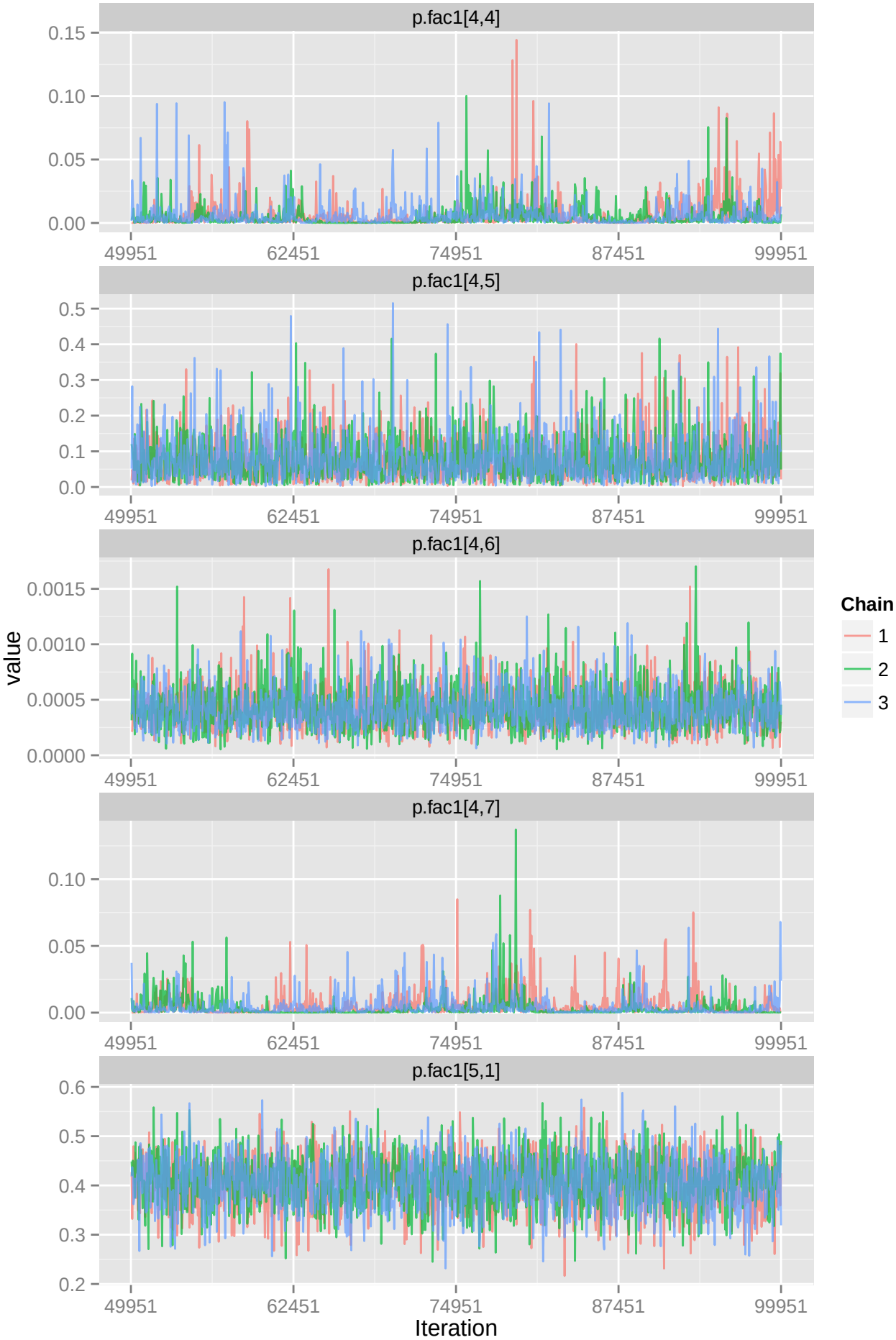

p.fac1[14,3]
0.2
0.1
0.0
49951
62451
74951
87451
99951
p.fac1[14,4]
0.075
0.050
0.025
0.000
p.fac1[14,5]
0.7
0.6
0.5
0.4
0.3
p.fac1[14,6]
0.04
0.03
0.02
0.01
p.fac1[14,7]
0.125
0.100
0.075
0.050
0.025
0.000
value
Iteration
Chain
1
2
3

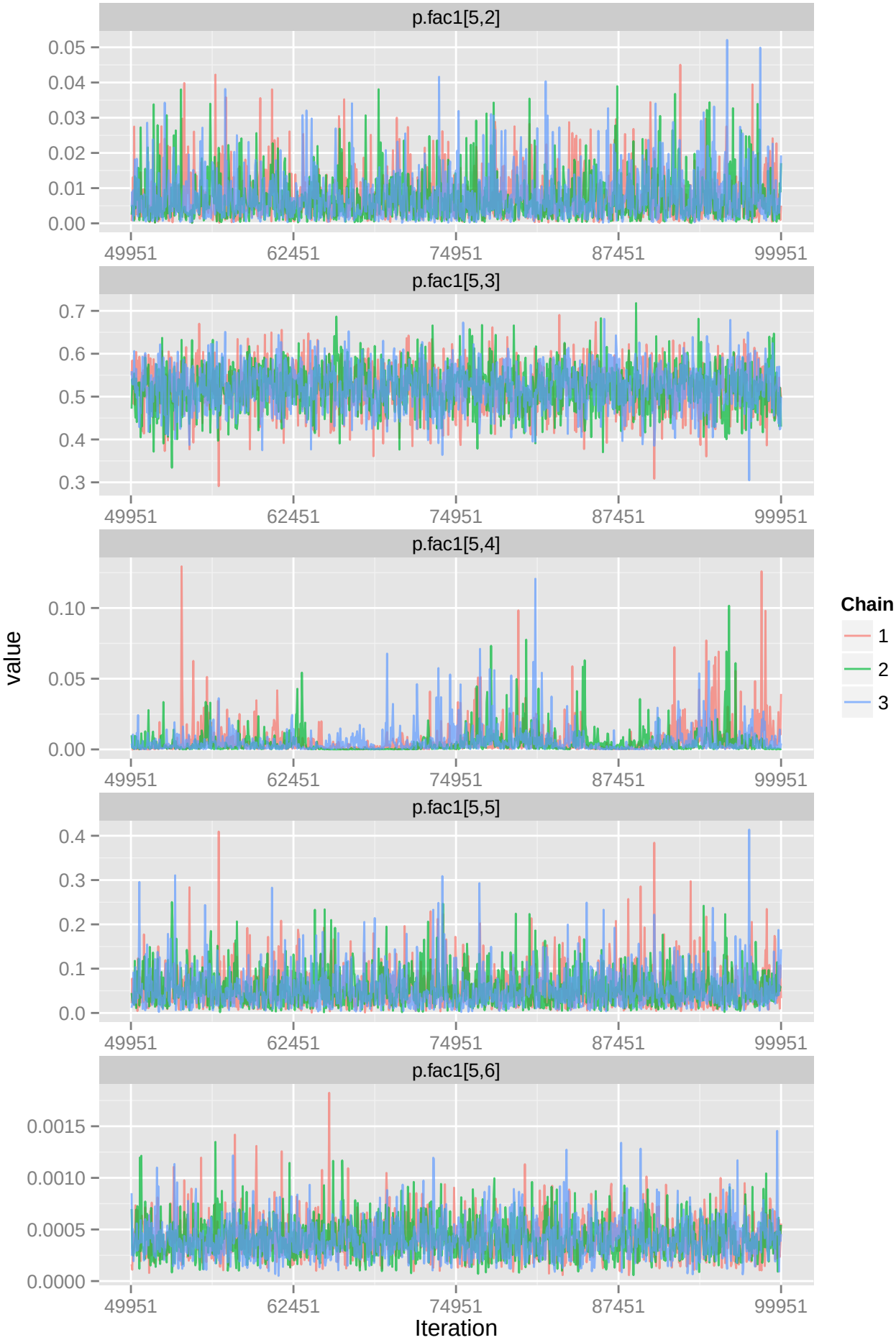

p.fac1[1,5]
0.4
0.3
0.2
49951
62451
74951
87451
99951
p.fac1[1,6]
0.030
0.025
0.020
49951
62451
74951
87451
99951
p.fac1[1,7]
0.06
0.04
0.02
0.00
49951
62451
74951
87451
99951
p.fac1[2,1]
0.5
0.4
0.3
49951
62451
74951
87451
99951
p.fac1[2,2]
0.06
0.04
0.02
0.00
49951
62451
74951
87451
99951
value
Iteration
Chain
1
2
3

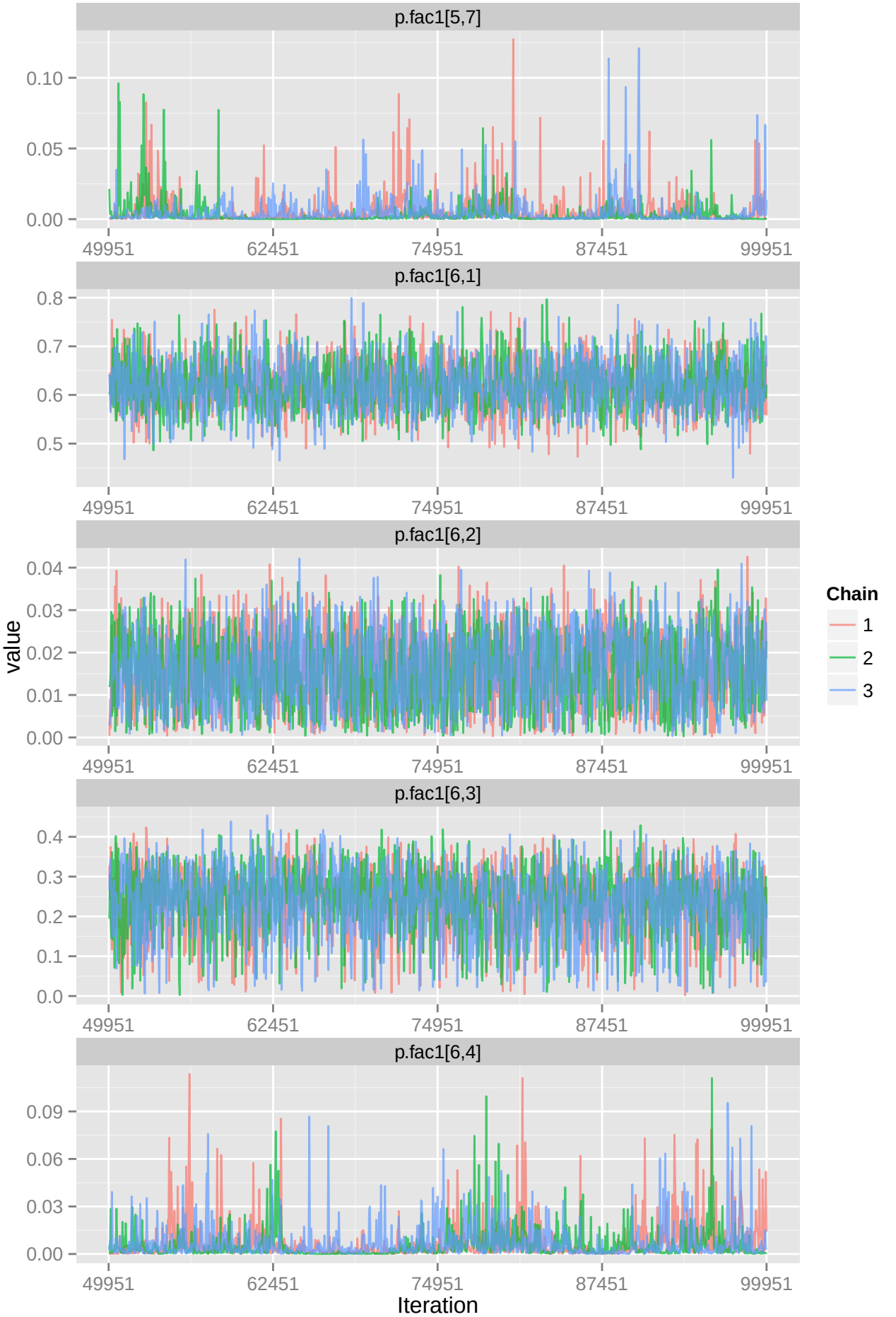

p.fac1[2,3]
0.7
0.6
0.5
0.4
0.3
49951
62451
74951
87451
99951
p.fac1[2,4]
0.15
0.10
0.05
0.00
49951
62451
74951
87451
99951
p.fac1[2,5]
0.3
0.2
0.1
0.0
49951
62451
74951
87451
99951
p.fac1[2,6]
0.003
0.002
0.001
0.000
49951
62451
74951
87451
99951
p.fac1[2,7]
0.15
0.10
0.05
0.00
49951
62451
74951
87451
99951
value
Iteration
Chain
1
2
3

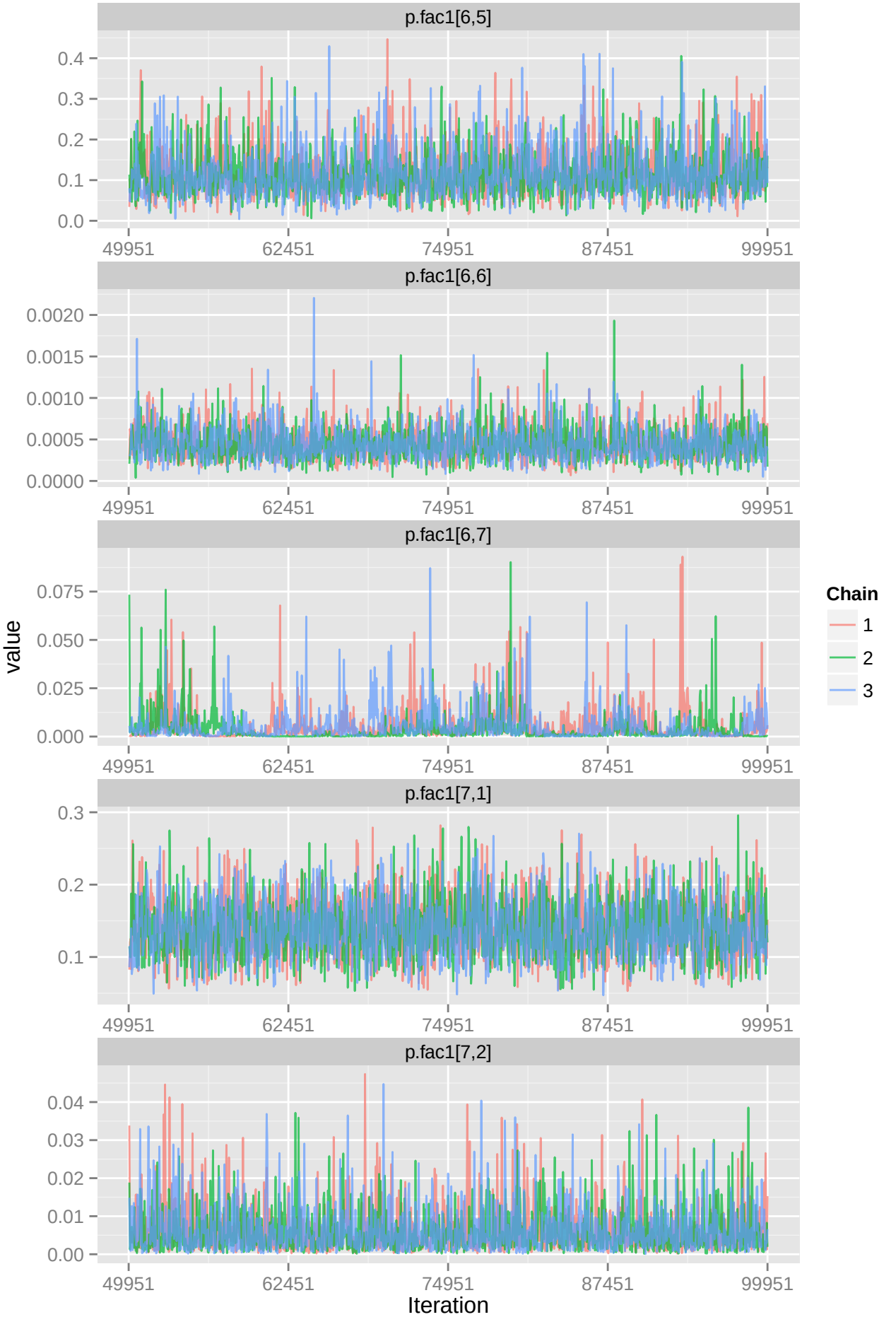

p.fac1[3,1]
0.35
0.30
0.25
0.20
0.15
49951
62451
74951
87451
99951
p.fac1[3,2]
0.06
0.04
0.02
0.00
p.fac1[3,3]
0.50
0.45
0.40
0.35
0.30
0.25
p.fac1[3,4]
0.075
0.050
0.025
0.000
p.fac1[3,5]
0.20
0.15
0.10
0.05
value
Iteration
Chain
1
2
3

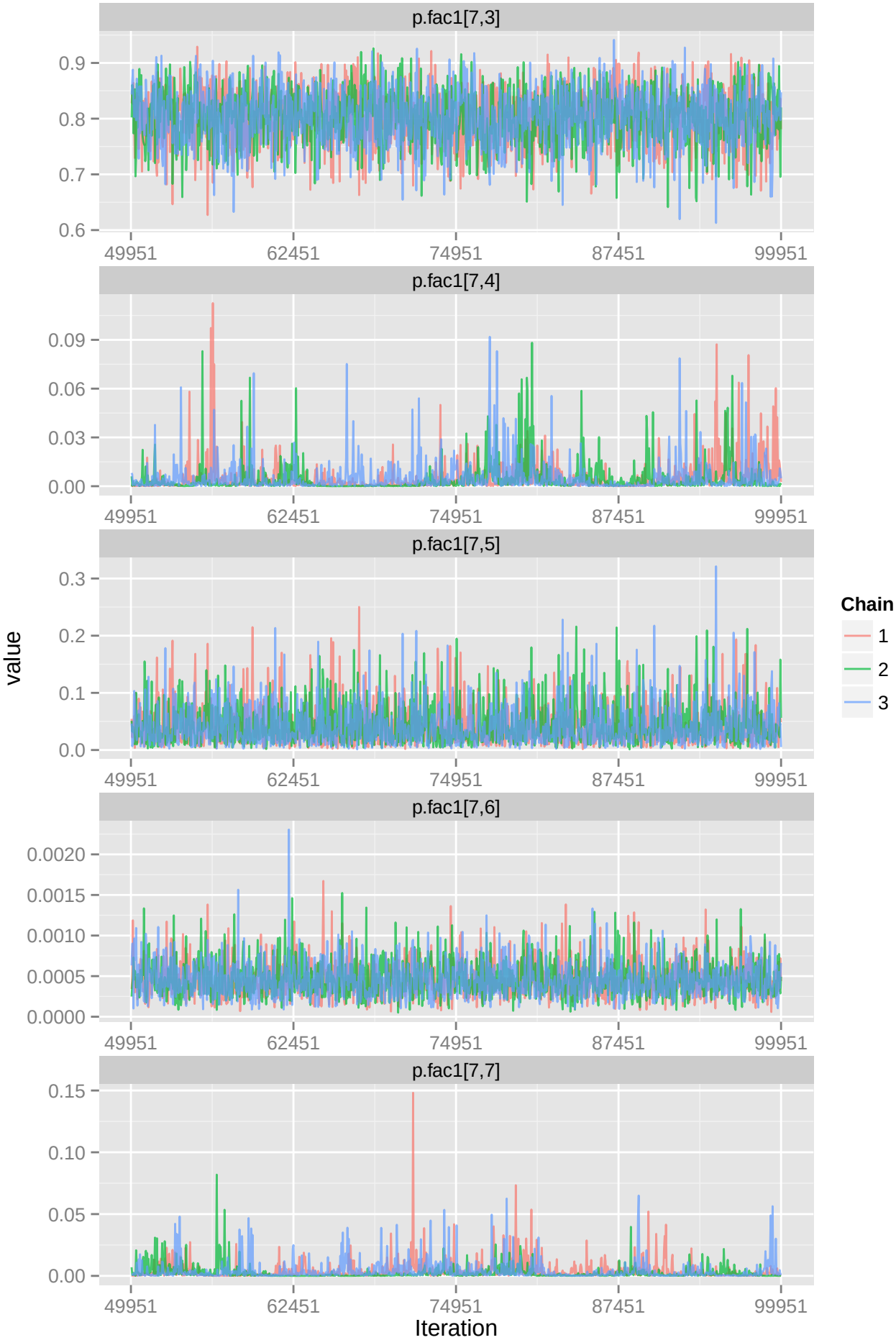

p.fac1[3,6]
0.25
0.20
0.15
49951
62451
74951
87451
99951
p.fac1[3,7]
0.06
0.04
0.02
0.00
p.fac1[4,1]
0.5
0.4
0.3
0.2
p.fac1[4,2]
0.04
0.03
0.02
0.01
0.00
p.fac1[4,3]
0.7
0.6
0.5
0.4
0.3
0.2
value
Iteration
Chain
1
2
3

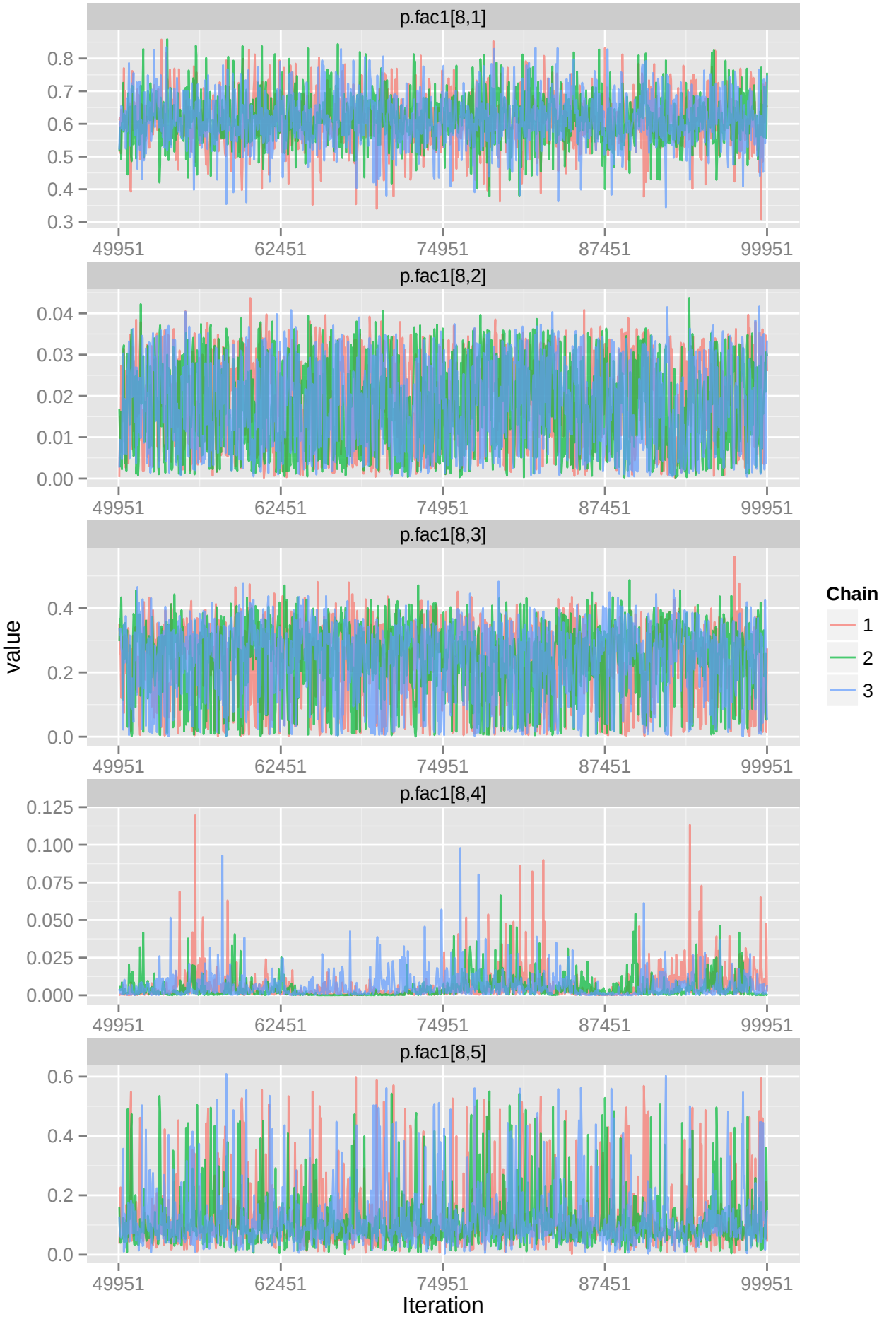

p.fac1[4,4]
0.15
0.10
0.05
0.00
49951
62451
74951
87451
99951
p.fac1[4,5]
0.5
0.4
0.3
0.2
0.1
0.0
p.fac1[4,6]
0.0015
0.0010
0.0005
0.0000
p.fac1[4,7]
p.fac1[5,1]
0.6
0.5
0.4
0.3
0.2
value
Iteration
Chain
1
2
3

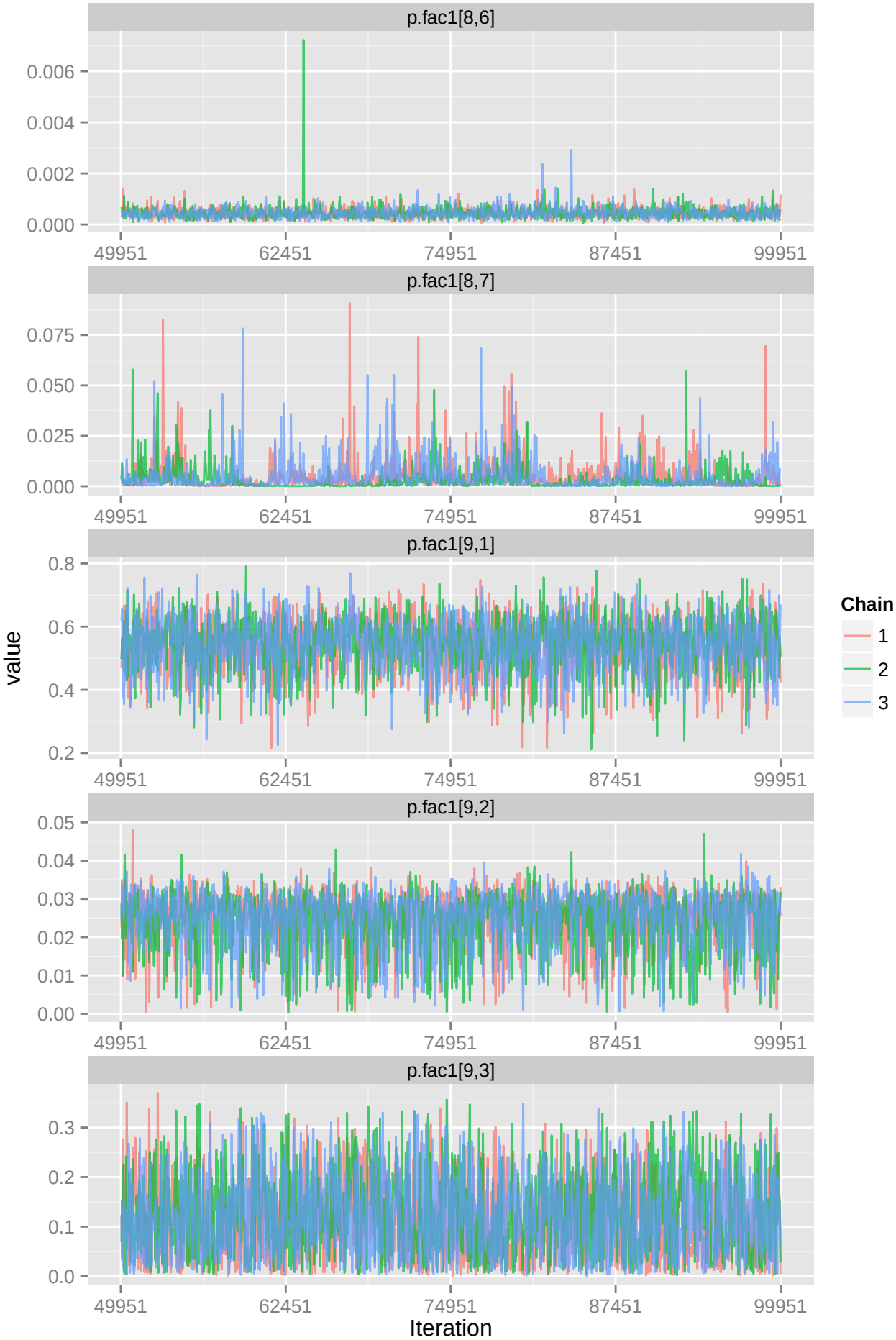

p.fac1[5,2]
0.05
0.04
0.03
0.02
0.01
0.00
49951
62451
74951
87451
99951
p.fac1[5,3]
0.7
0.6
0.5
0.4
0.3
p.fac1[5,4]
0.10
0.05
0.00
p.fac1[5,5]
0.4
0.3
0.2
0.1
0.0
p.fac1[5,6]
0.0015
0.0010
0.0005
0.0000
value
Iteration
Chain
1
2
3

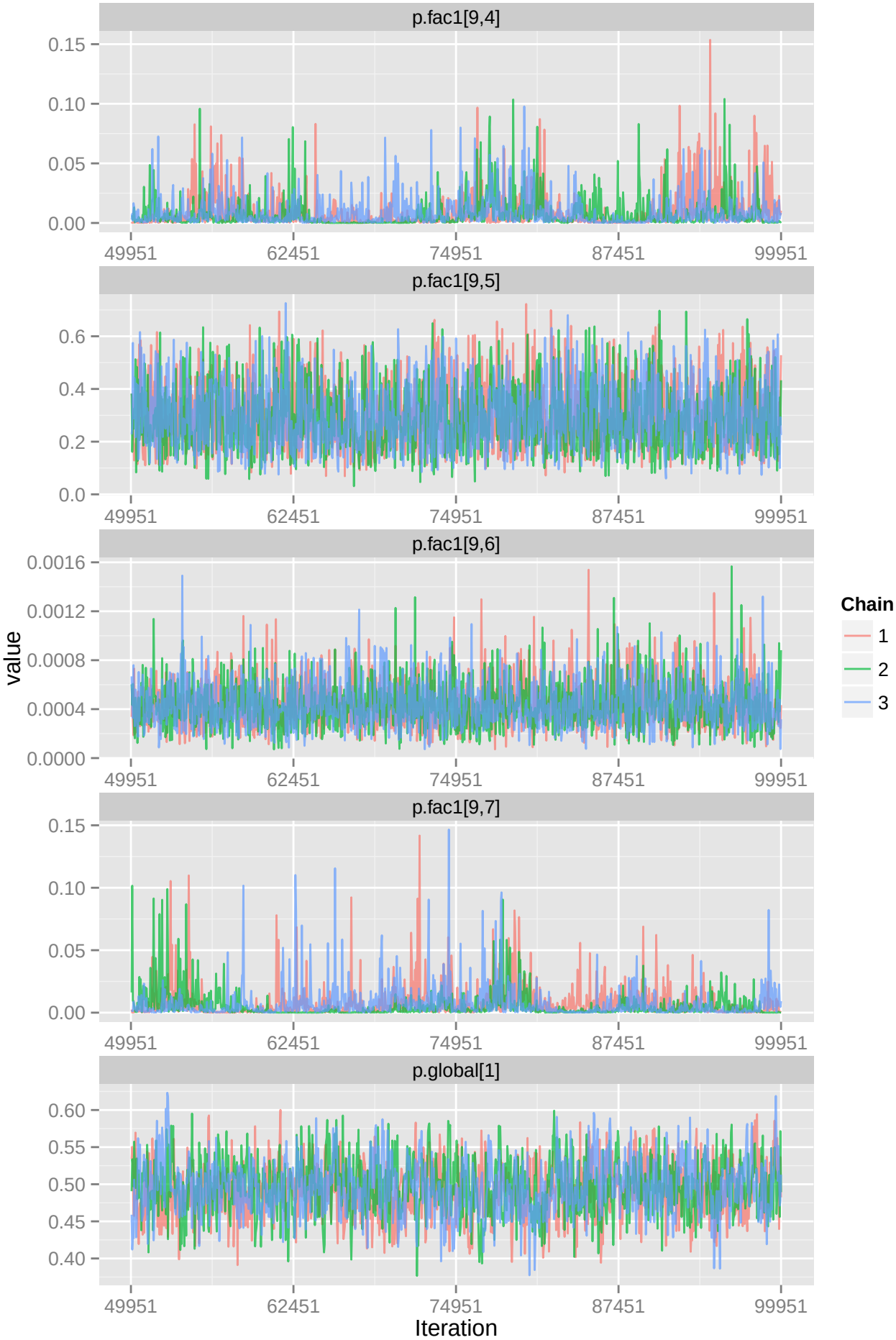

p.fac1[5,7]
0.10
0.05
0.00
49951
62451
74951
87451
99951
p.fac1[6,1]
0.8
0.7
0.6
0.5
p.fac1[6,2]
0.04
0.03
0.02
0.01
0.00
p.fac1[6,3]
0.4
0.3
0.2
0.1
0.0
p.fac1[6,4]
0.09
0.06
0.03
0.00
value
Iteration
Chain
1
2
3

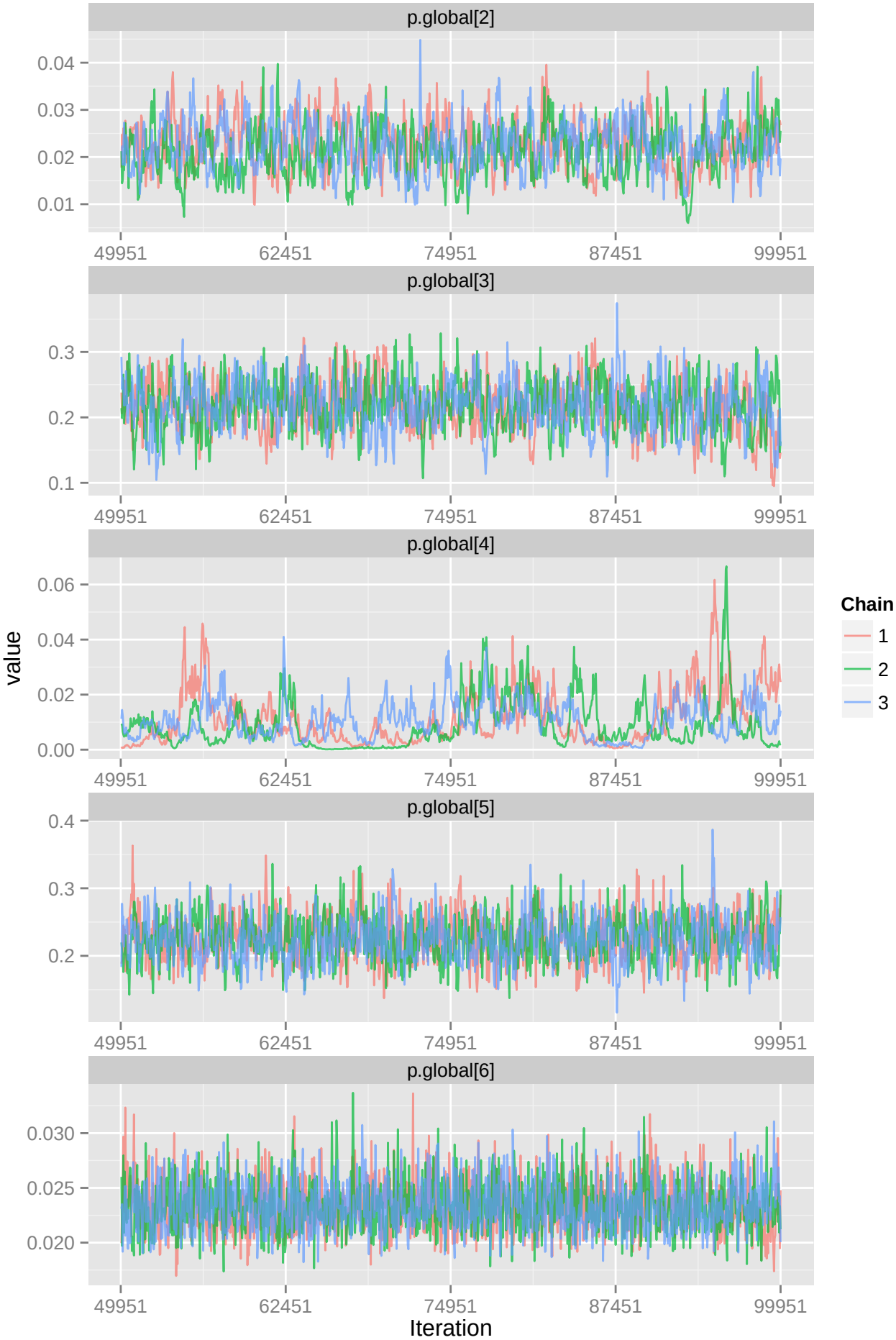

p.fac1[6,5]
0.4
0.3
0.2
0.1
0.0
49951
62451
74951
87451
99951
p.fac1[6,6]
0.0020
0.0015
0.0010
0.0005
0.0000
p.fac1[6,7]
0.075
0.050
0.025
0.000
p.fac1[7,1]
0.3
0.2
0.1
p.fac1[7,2]
0.04
0.03
0.02
0.01
0.00
value
Iteration
Chain
1
2
3

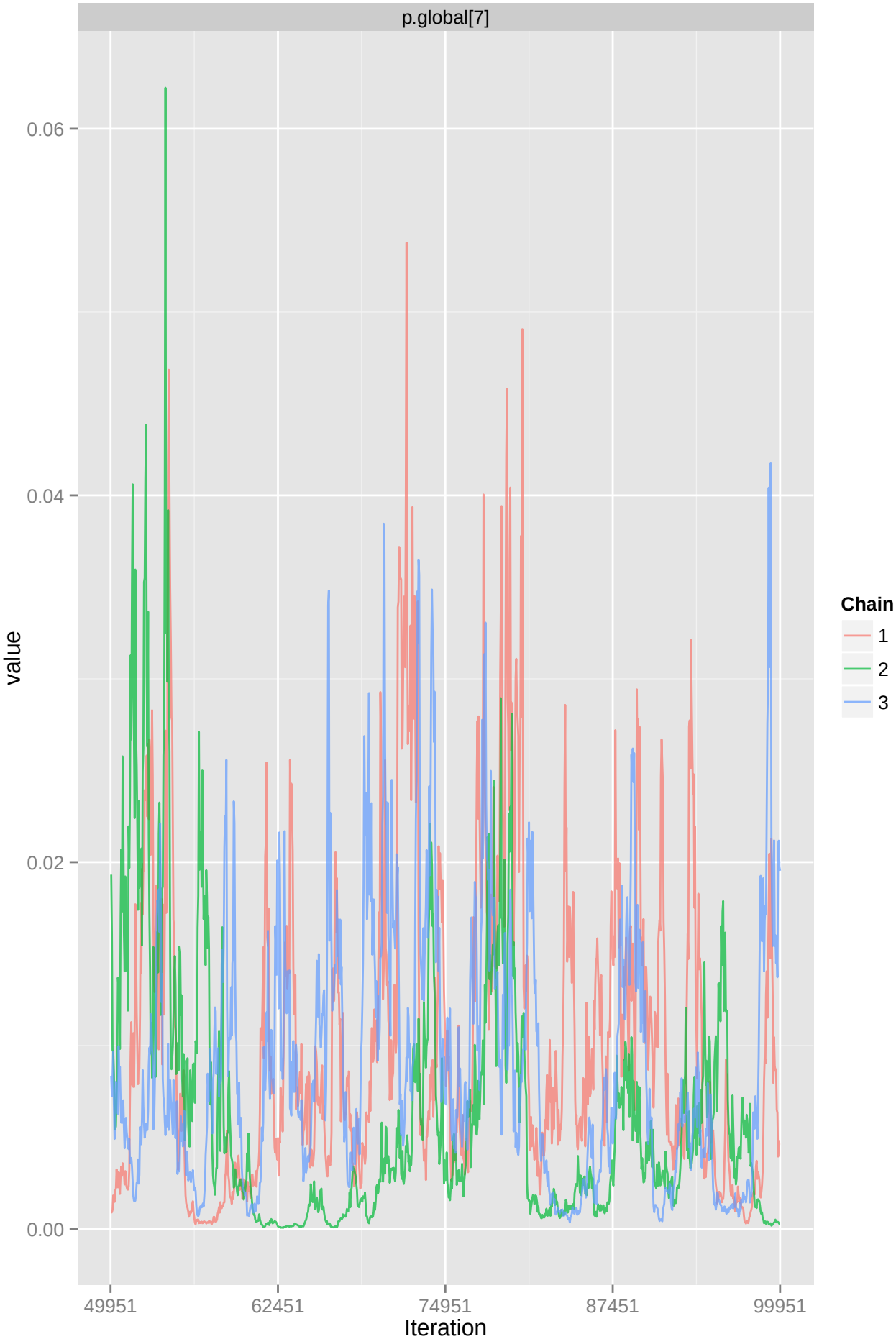

p.fac1[7,3]
0.9
0.8
0.7
0.6
49951
62451
74951
87451
99951
p.fac1[7,4]
0.09
0.06
0.03
0.00
p.fac1[7,5]
0.3
0.2
0.1
0.0
p.fac1[7,6]
0.0020
0.0015
0.0010
0.0005
0.0000
p.fac1[7,7]
0.15
0.10
0.05
0.00
value
Iteration
Chain
1
2
3

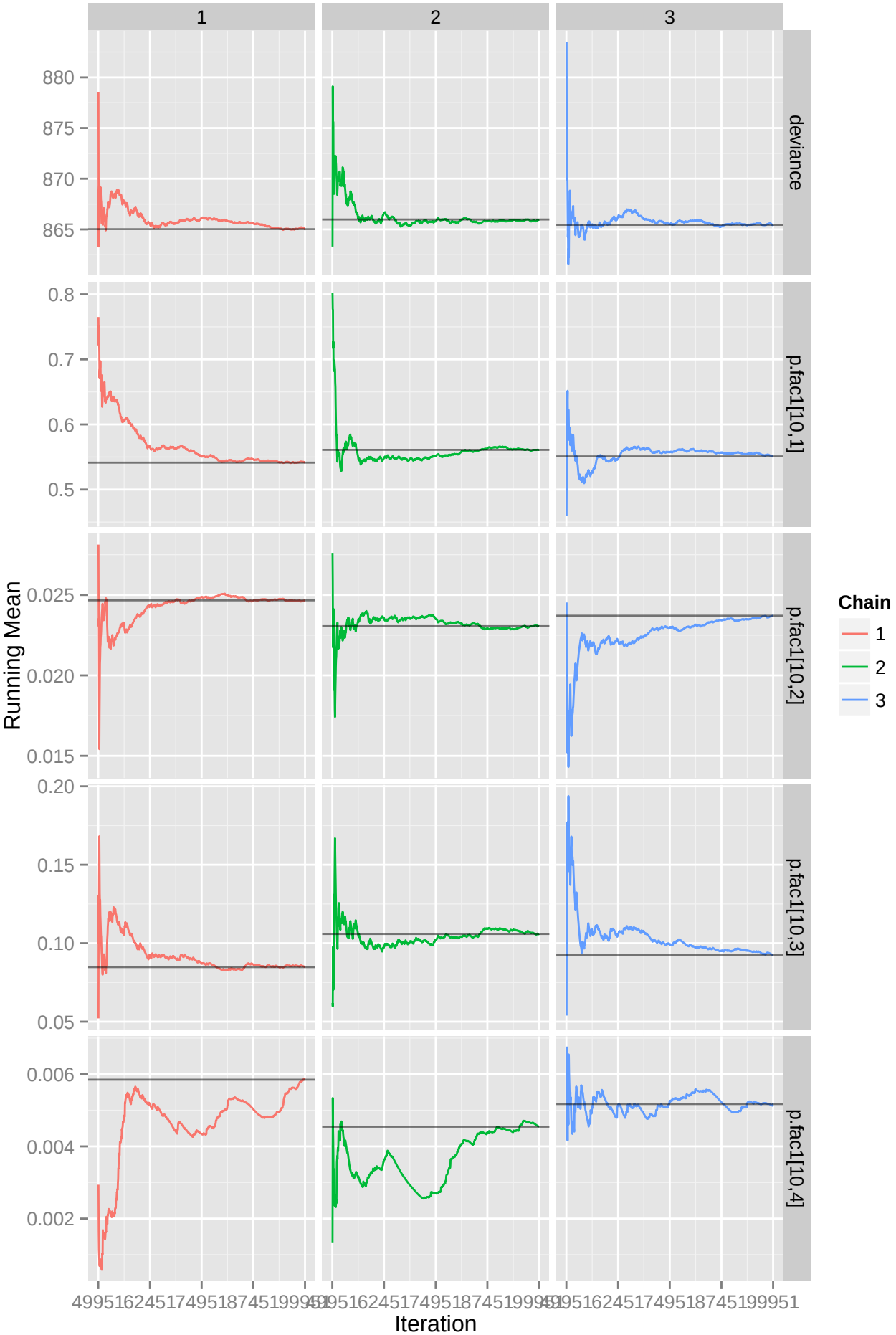

p.fac1[8,1]
0.8
0.7
0.6
0.5
0.4
0.3
49951
62451
74951
87451
99951
p.fac1[8,2]
0.04
0.03
0.02
0.01
0.00
p.fac1[8,3]
0.4
0.2
0.0
p.fac1[8,4]
0.125
0.100
0.075
0.050
0.025
0.000
p.fac1[8,5]
value
Iteration
Chain
1
2
3

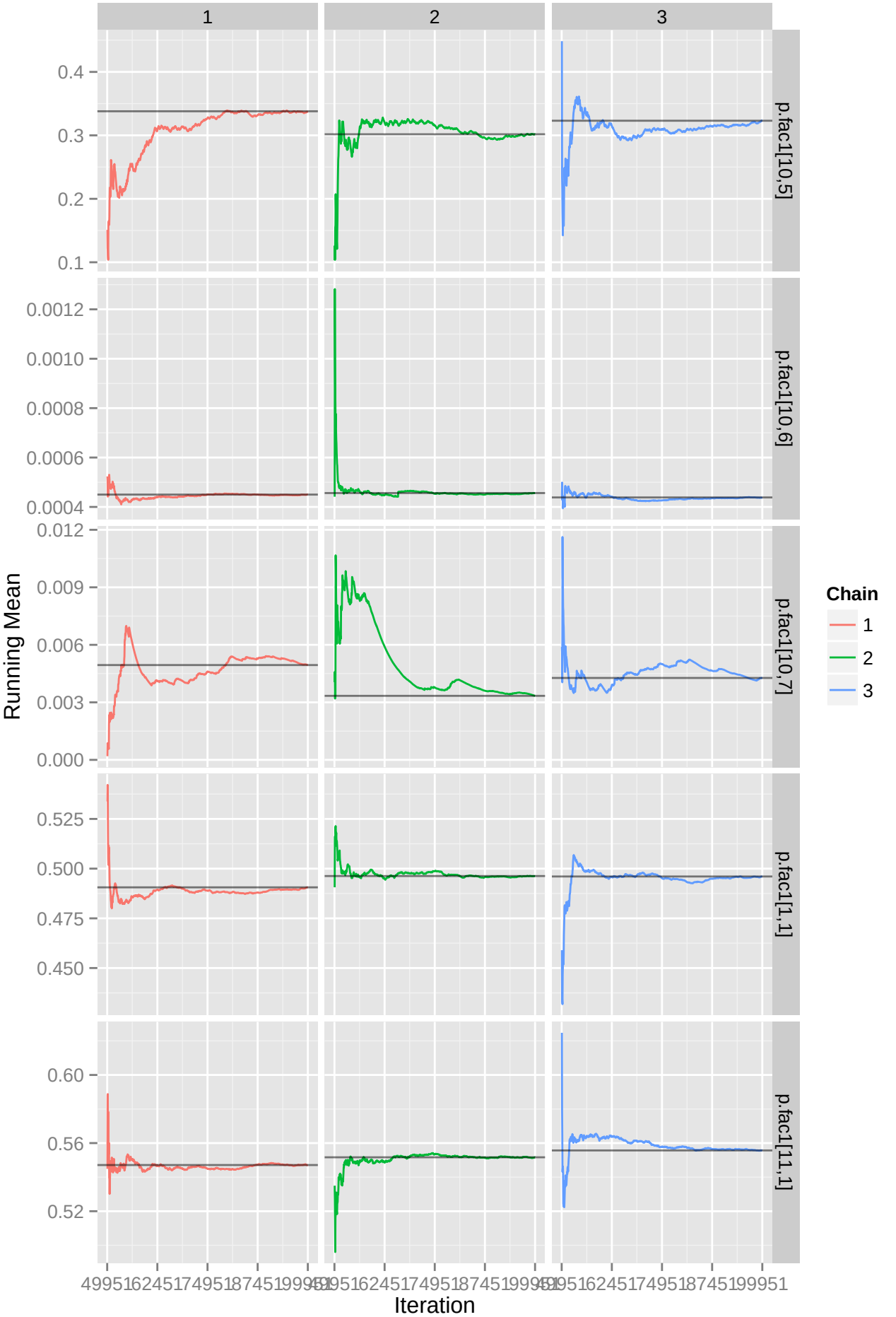

p.fac1[8,6]
0.006
0.004
0.002
0.000
49951
62451
74951
87451
99951
p.fac1[8,7]
0.075
0.050
0.025
0.000
49951
62451
74951
87451
99951
p.fac1[9,1]
0.8
0.6
0.4
0.2
49951
62451
74951
87451
99951
p.fac1[9,2]
0.05
0.04
0.03
0.02
0.01
0.00
49951
62451
74951
87451
99951
p.fac1[9,3]
0.3
0.2
0.1
0.0
49951
62451
74951
87451
99951
value
Iteration
Chain
1
2
3

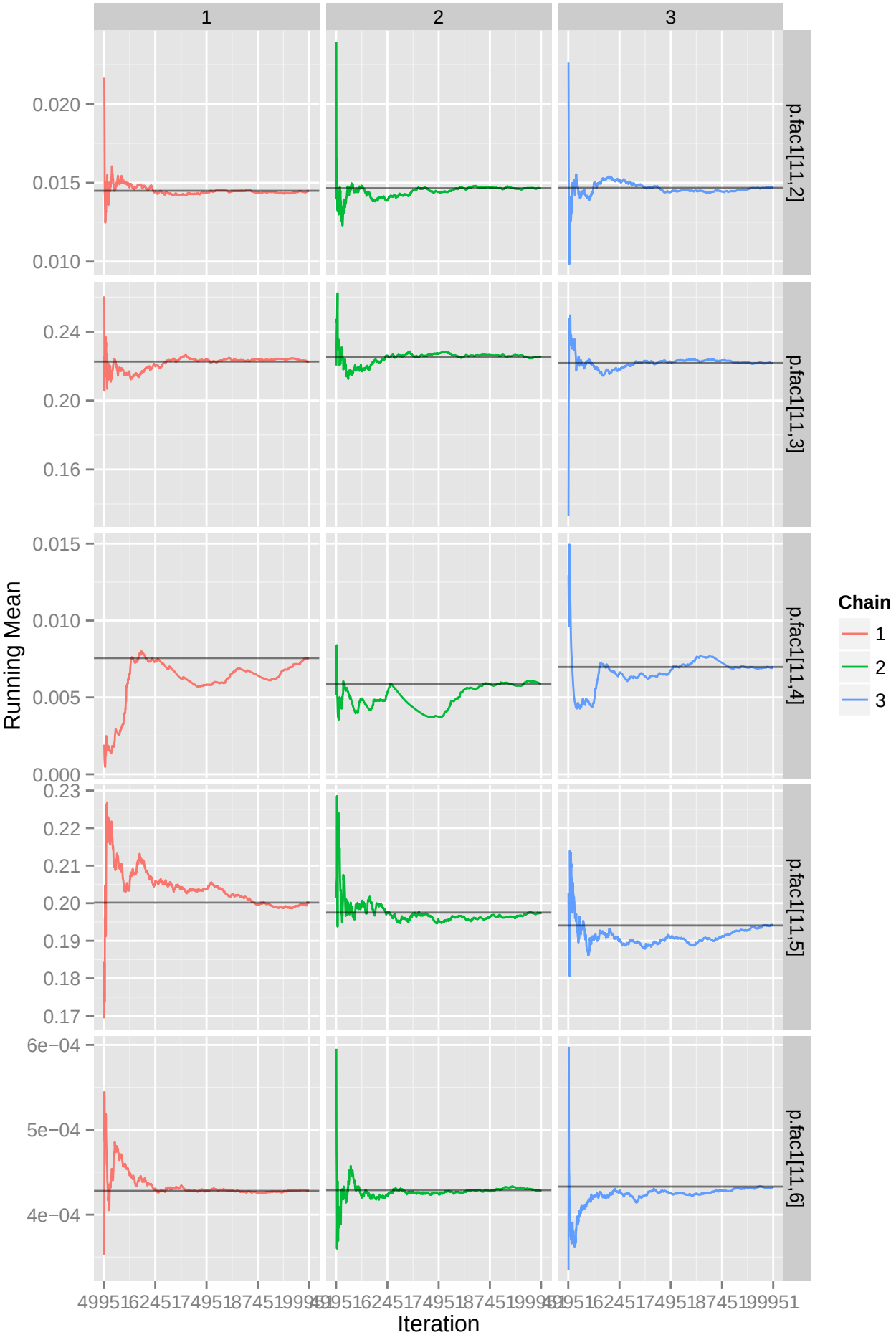

p.fac1[9,4]
0.15
0.10
0.05
0.00
49951
62451
74951
87451
99951
p.fac1[9,5]
0.6
0.4
0.2
0.0
p.fac1[9,6]
0.0016
0.0012
0.0008
0.0004
0.0000
p.fac1[9,7]
p.global[1]
0.60
0.55
0.50
0.45
0.40
value
Iteration
Chain
1
2
3

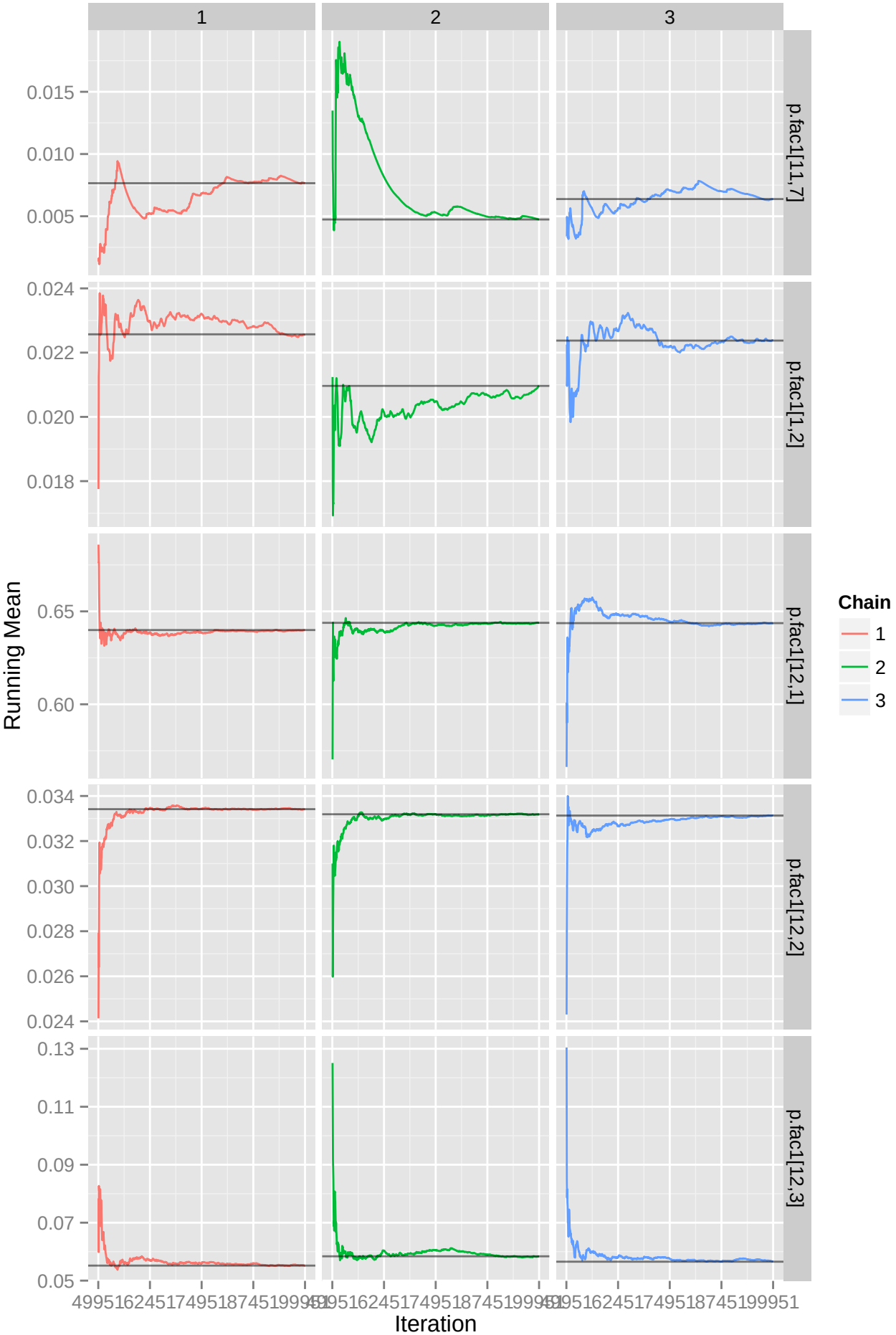

p.global[2]
0.04
0.03
0.02
0.01
49951
62451
74951
87451
99951
p.global[3]
0.3
0.2
0.1
49951
62451
74951
87451
99951
p.global[4]
0.06
0.04
0.02
0.00
49951
62451
74951
87451
99951
p.global[5]
0.4
0.3
0.2
49951
62451
74951
87451
99951
p.global[6]
0.030
0.025
0.020
49951
62451
74951
87451
99951
value
Iteration
Chain
1
2
3

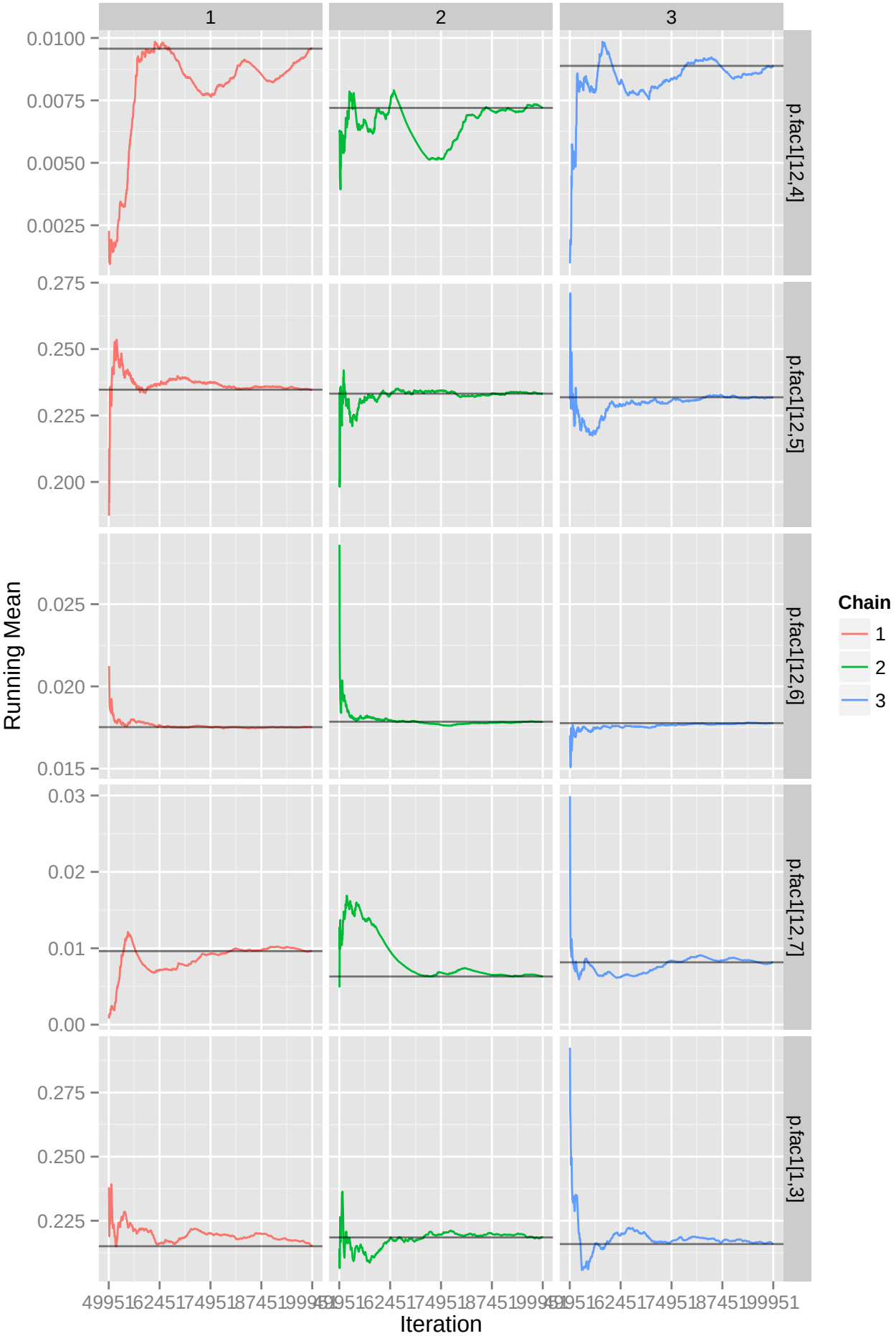

p.global[7]
0.06
0.04
0.02
0.00
value
49951
62451
74951
87451
99951
Iteration
Chain
1
2
3

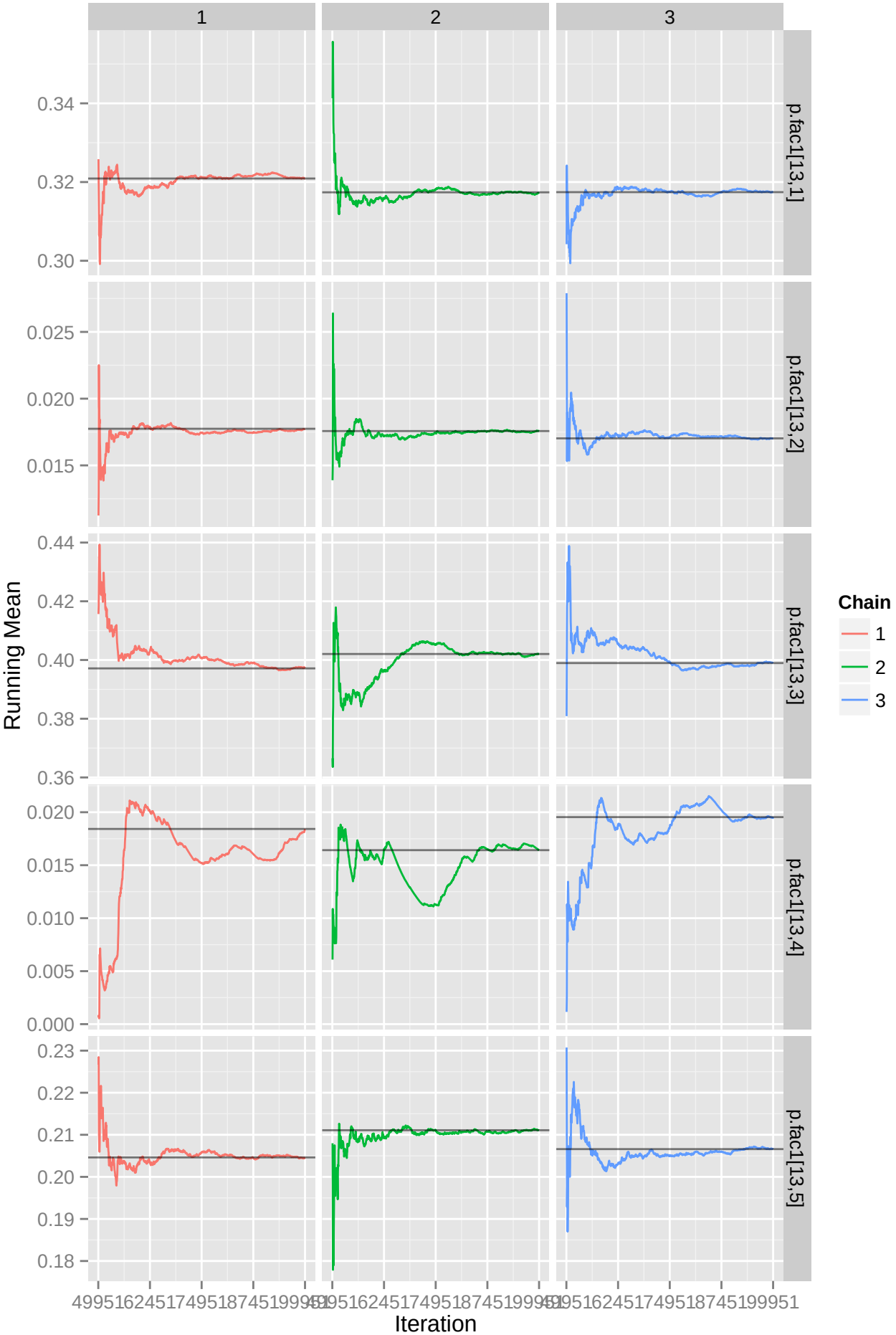

1
2
3
deviance
p.fac1[10,1]
p.fac1[10,2]
p.fac1[10,3]
p.fac1[10,4]
Running Mean
Iteration
Chain
1
2
3

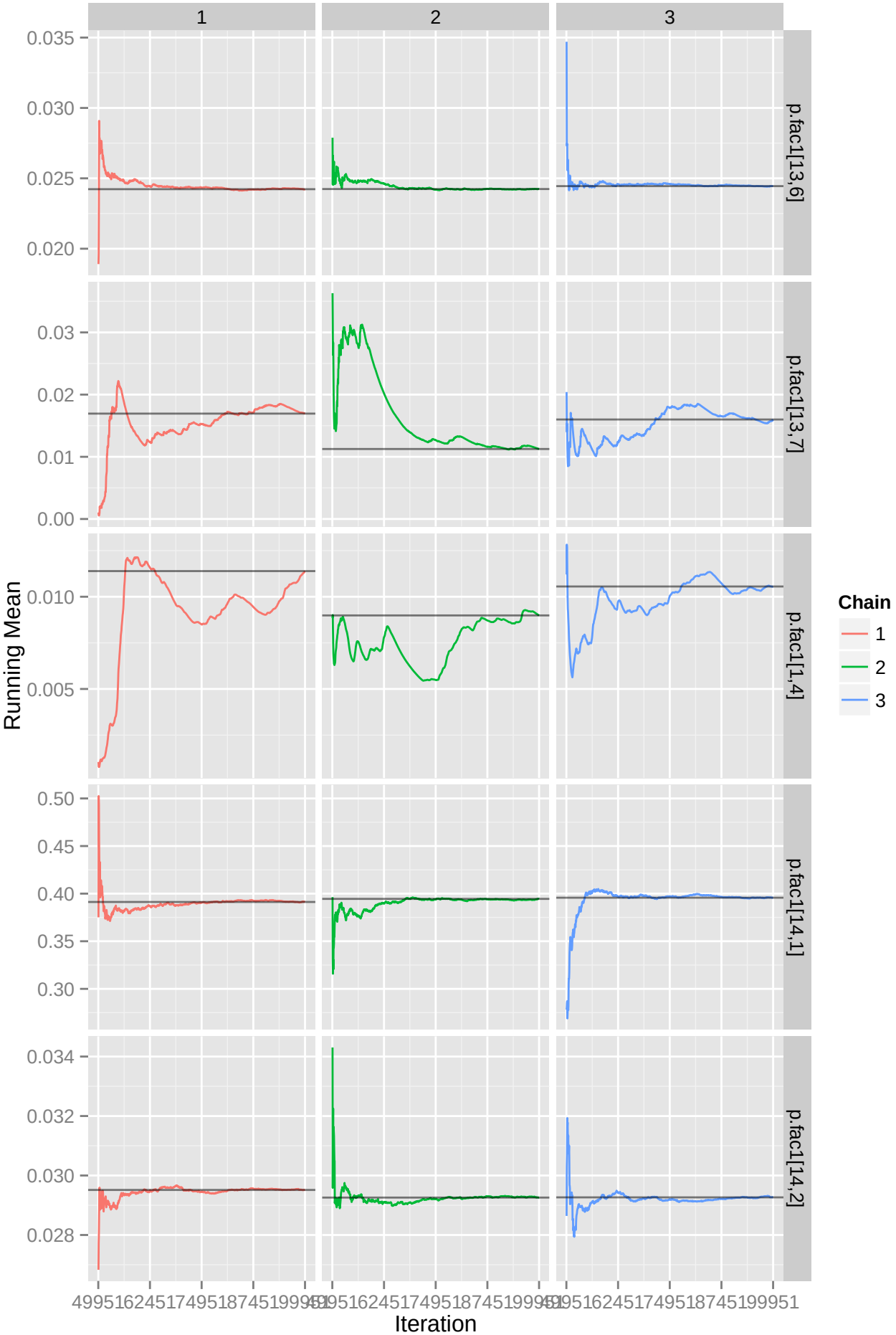

1
2
3
p.fac1[10,5]
p.fac1[10,6]
p.fac1[10,7]
p.fac1[1,1]
p.fac1[11,1]
Running Mean
Iteration
Chain
1
2
3

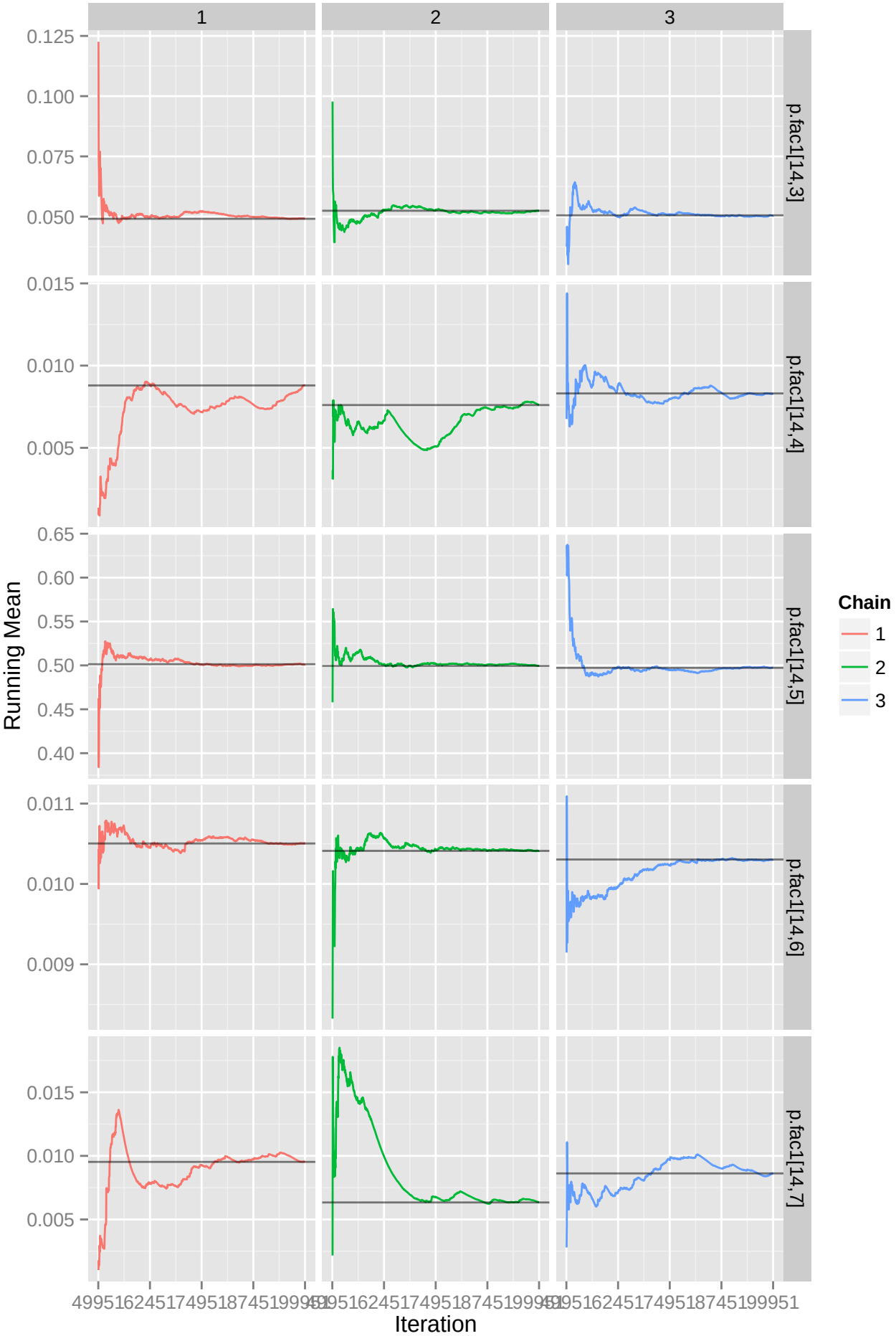

1
2
3
p.fac1[11,2]
p.fac1[11,3]
p.fac1[11,4]
p.fac1[11,5]
p.fac1[11,6]
Running Mean
Iteration
Chain
1
2
3

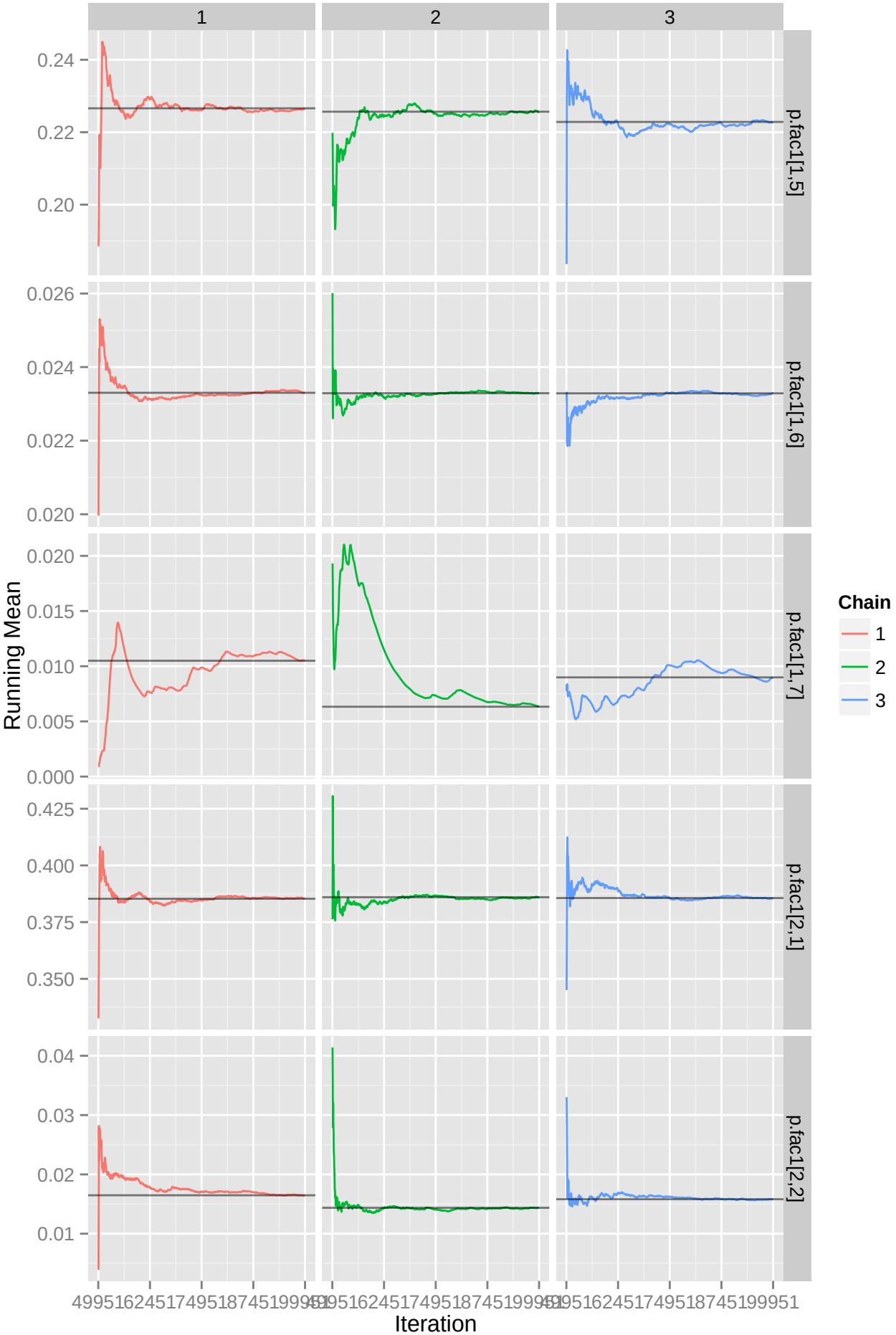

1
2
3
p.fac1[11,7]
p.fac1[1,2]
p.fac1[12,1]
p.fac1[12,2]
p.fac1[12,3]
Running Mean
Iteration
Chain
1
2
3

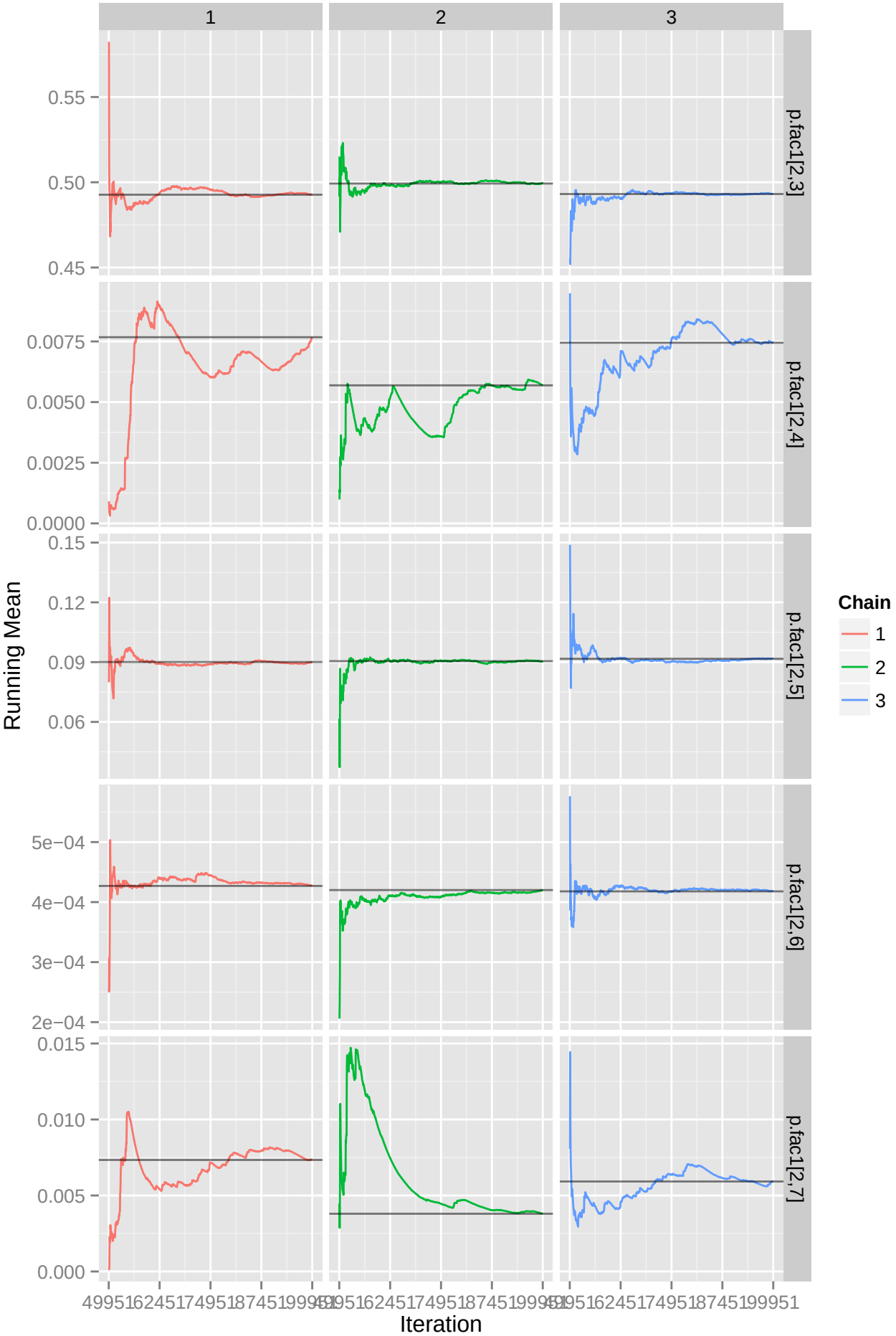

1
2
3
p.fac1[12,4]
p.fac1[12,5]
p.fac1[12,6]
p.fac1[12,7]
p.fac1[1,3]
0.0100
0.0075
0.0050
0.0025
0.275
0.250
0.225
0.200
0.025
0.020
0.015
0.03
0.02
0.01
0.00
0.275
0.250
0.225
Running Mean
Iteration
Chain
1
2
3

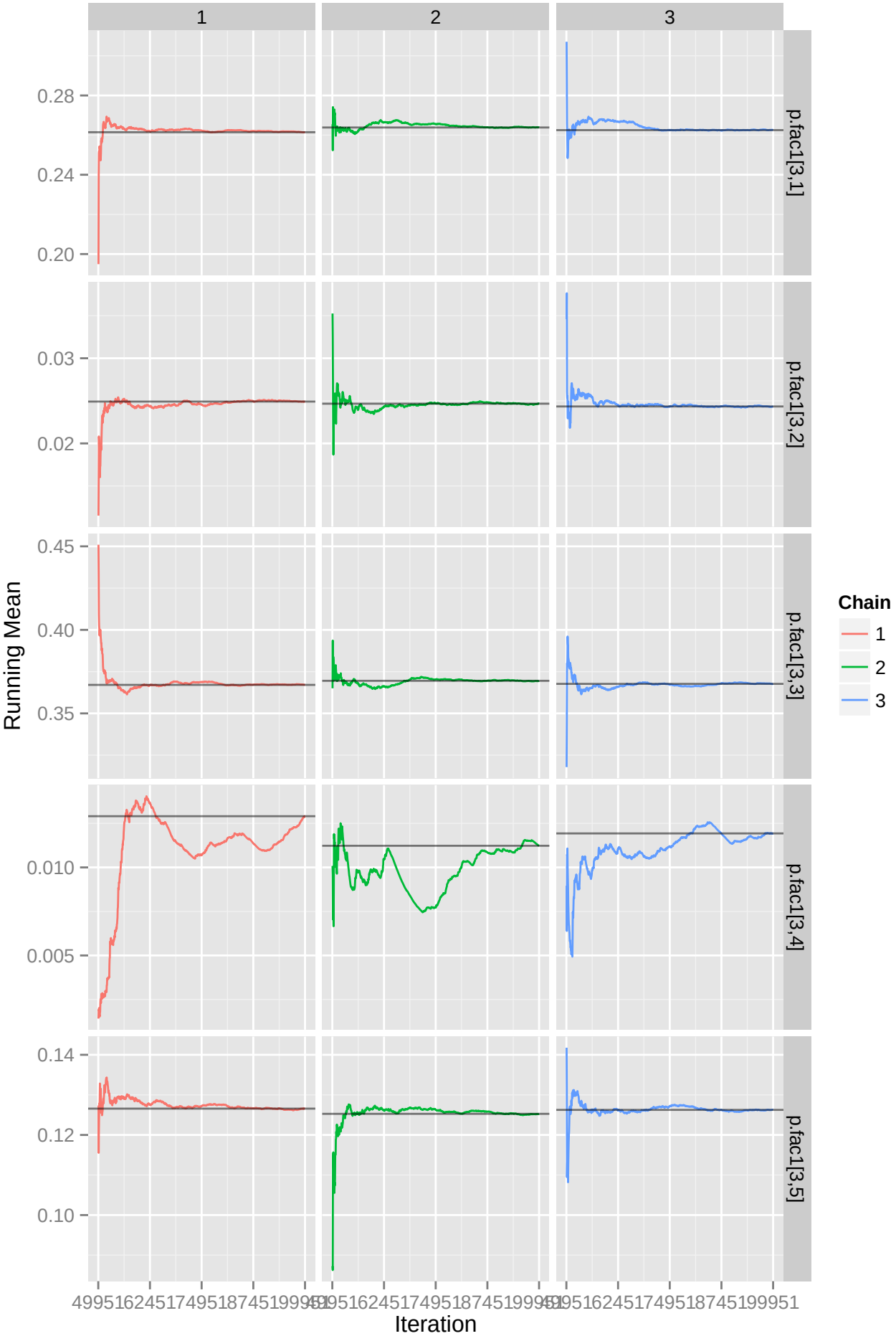

1
2
3
p.fac1[13,1]
p.fac1[13,2]
p.fac1[13,3]
p.fac1[13,4]
p.fac1[13,5]
Running Mean
Iteration
Chain
1
2
3

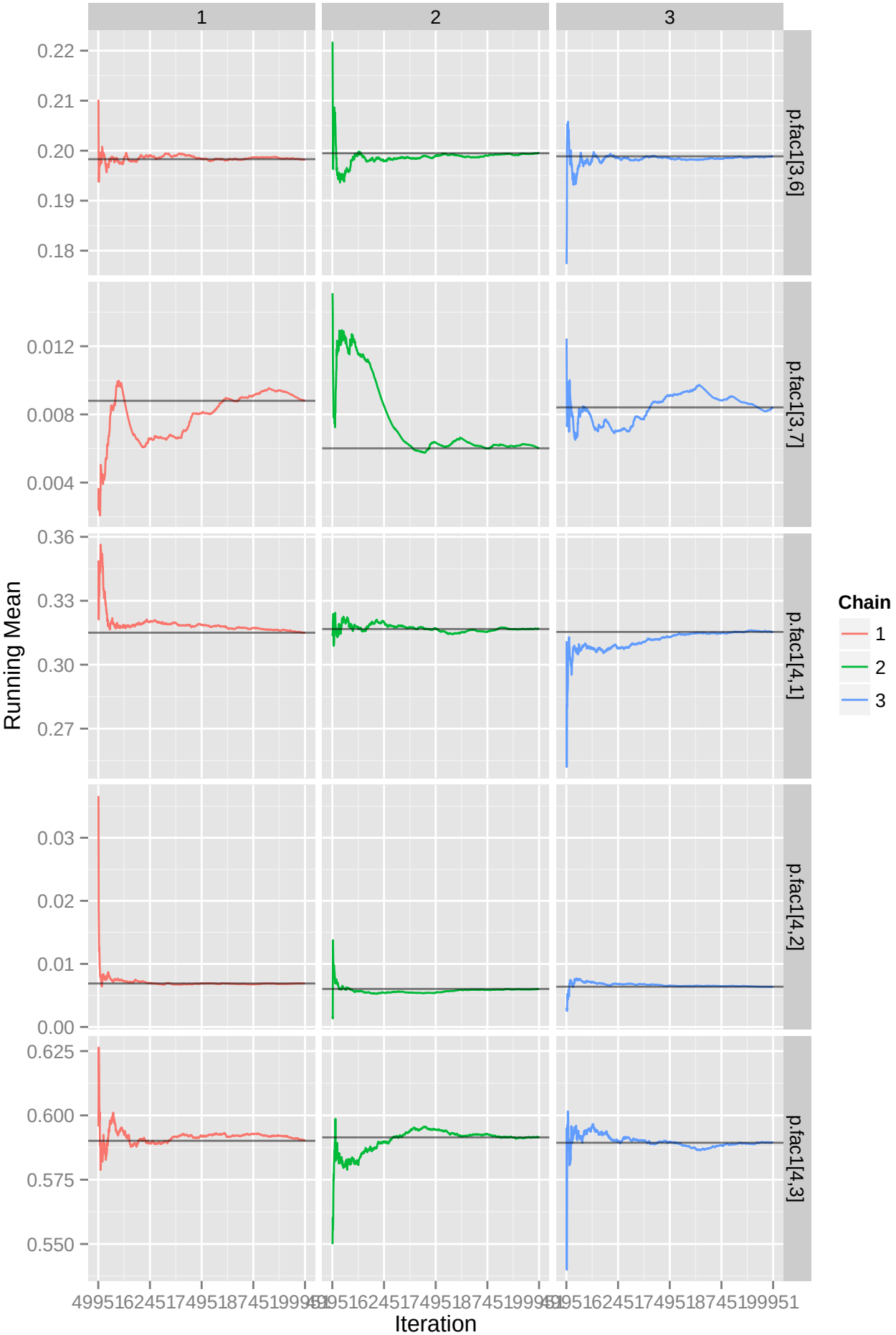

1
2
3
p.fac1[13,6]
p.fac1[13,7]
p.fac1[1,4]
p.fac1[14,1]
p.fac1[14,2]
Running Mean
Iteration
Chain
1
2
3

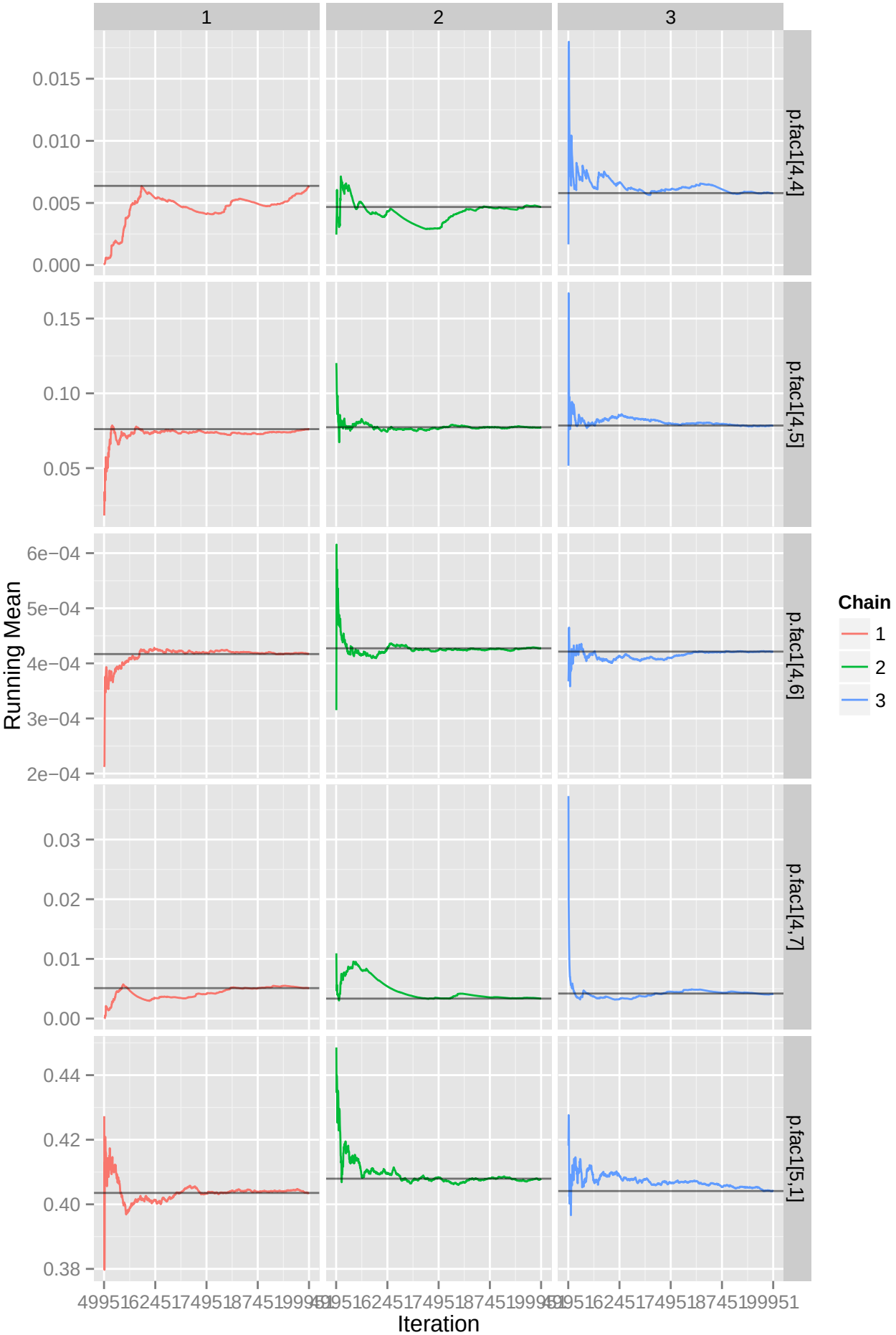

1
2
3
p.fac1[14,3]
p.fac1[14,4]
p.fac1[14,5]
p.fac1[14,6]
p.fac1[14,7]
Running Mean
Iteration
Chain
1
2
3

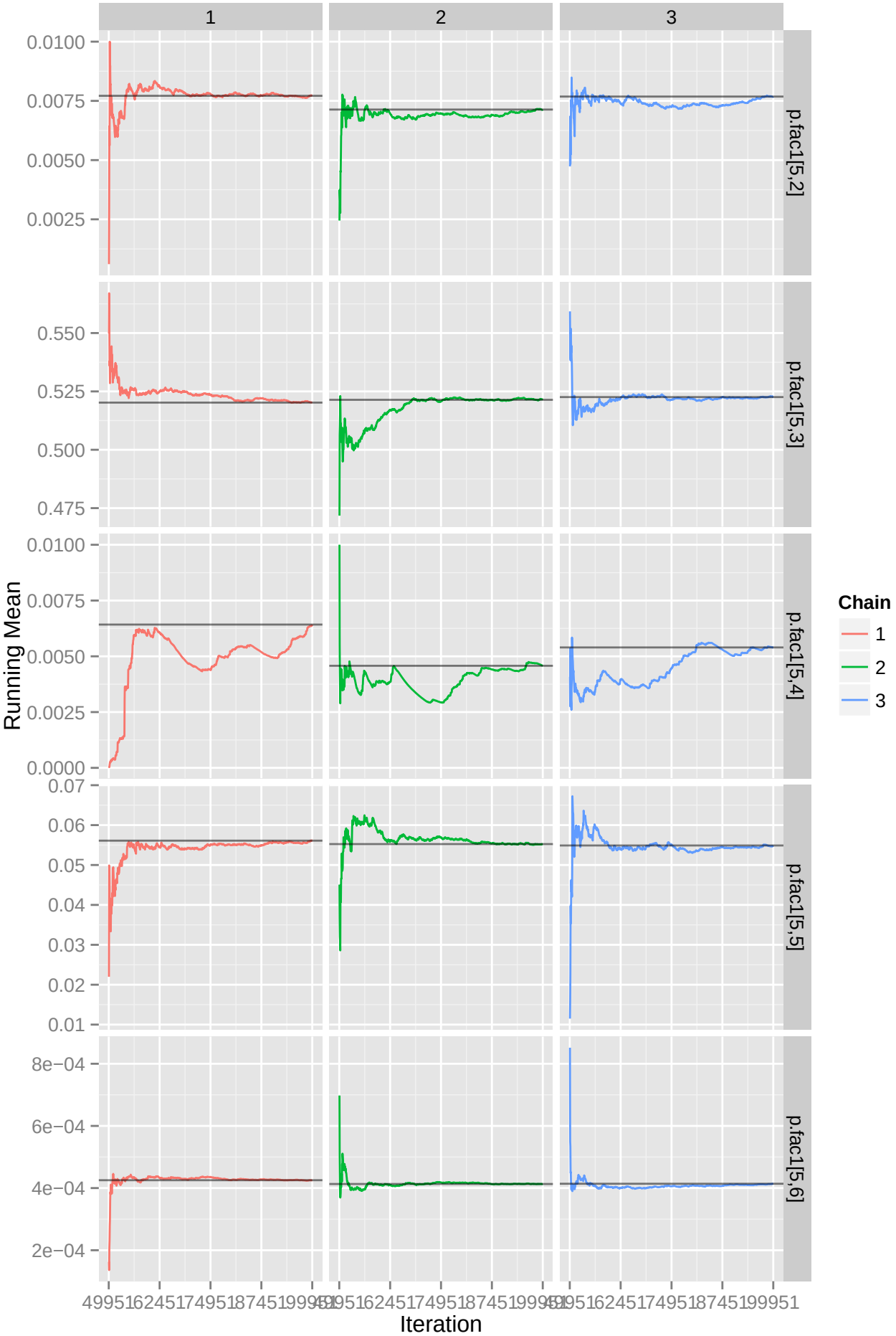

1
2
3
p.fac1[1,5]
p.fac1[1,6]
p.fac1[1,7]
p.fac1[2,1]
p.fac1[2,2]
Running Mean
Iteration
Chain
1
2
3

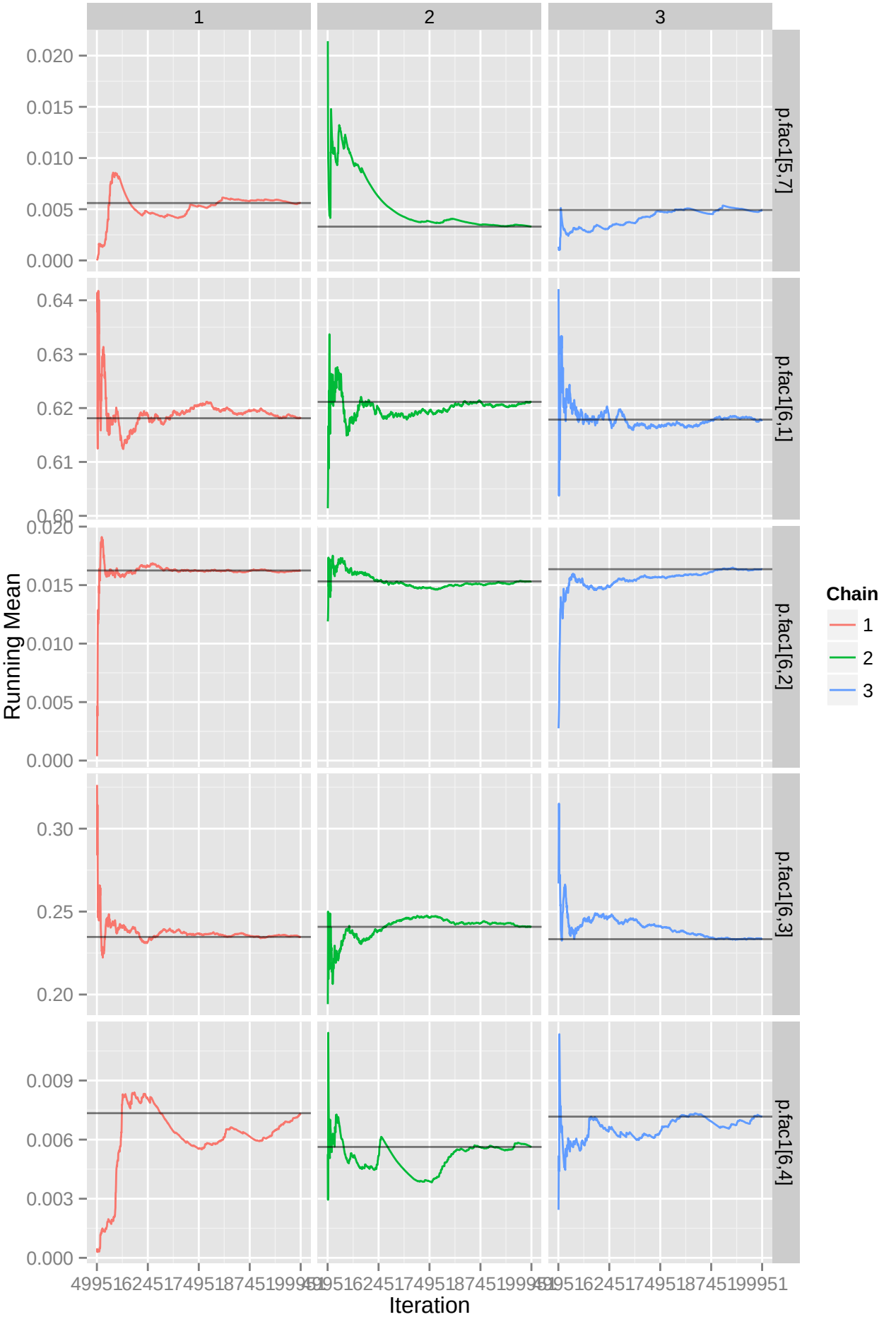

1
2
3
p.fac1[2,3]
p.fac1[2,4]
p.fac1[2,5]
p.fac1[2,6]
p.fac1[2,7]
Running Mean
Iteration
Chain
1
2
3

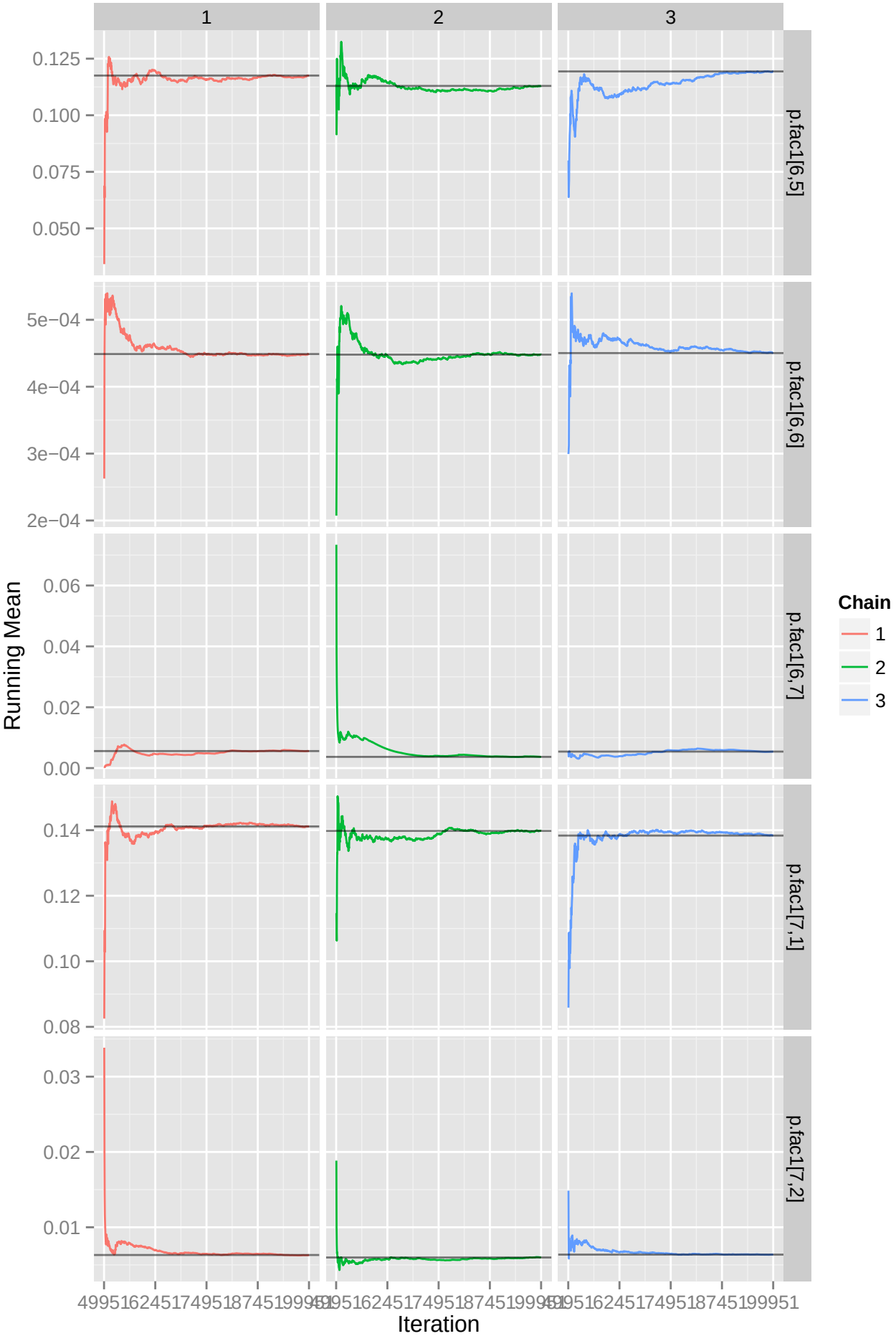

1
2
3
p.fac1[3,1]
p.fac1[3,2]
p.fac1[3,3]
p.fac1[3,4]
p.fac1[3,5]
0.28
0.24
0.20
0.03
0.02
0.45
0.40
0.35
0.010
0.005
0.14
0.12
0.10
Running Mean
Iteration
Chain
1
2
3

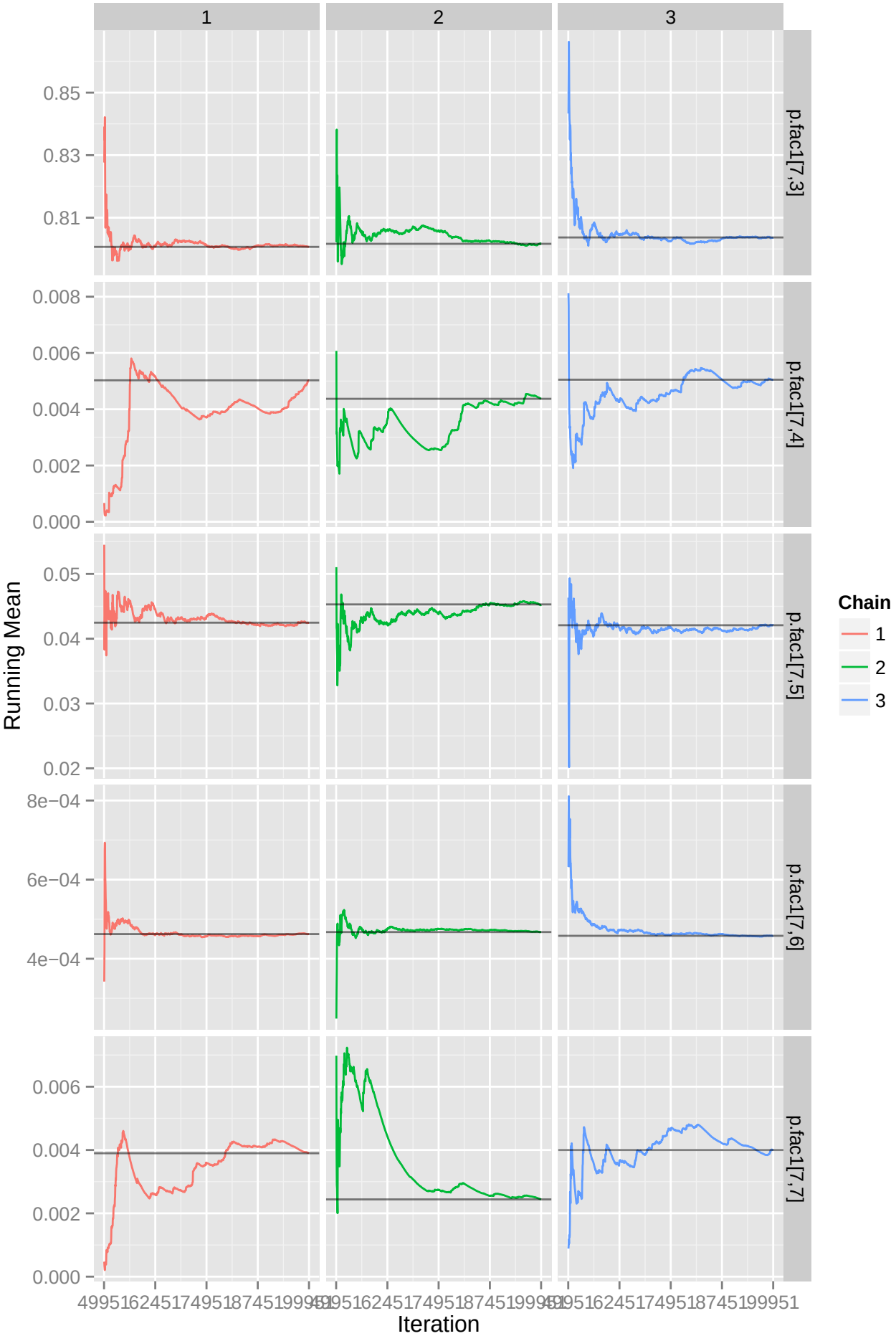

1
2
3
p.fac1[3,6]
p.fac1[3,7]
p.fac1[4,1]
p.fac1[4,2]
p.fac1[4,3]
Running Mean
Iteration
Chain
1
2
3

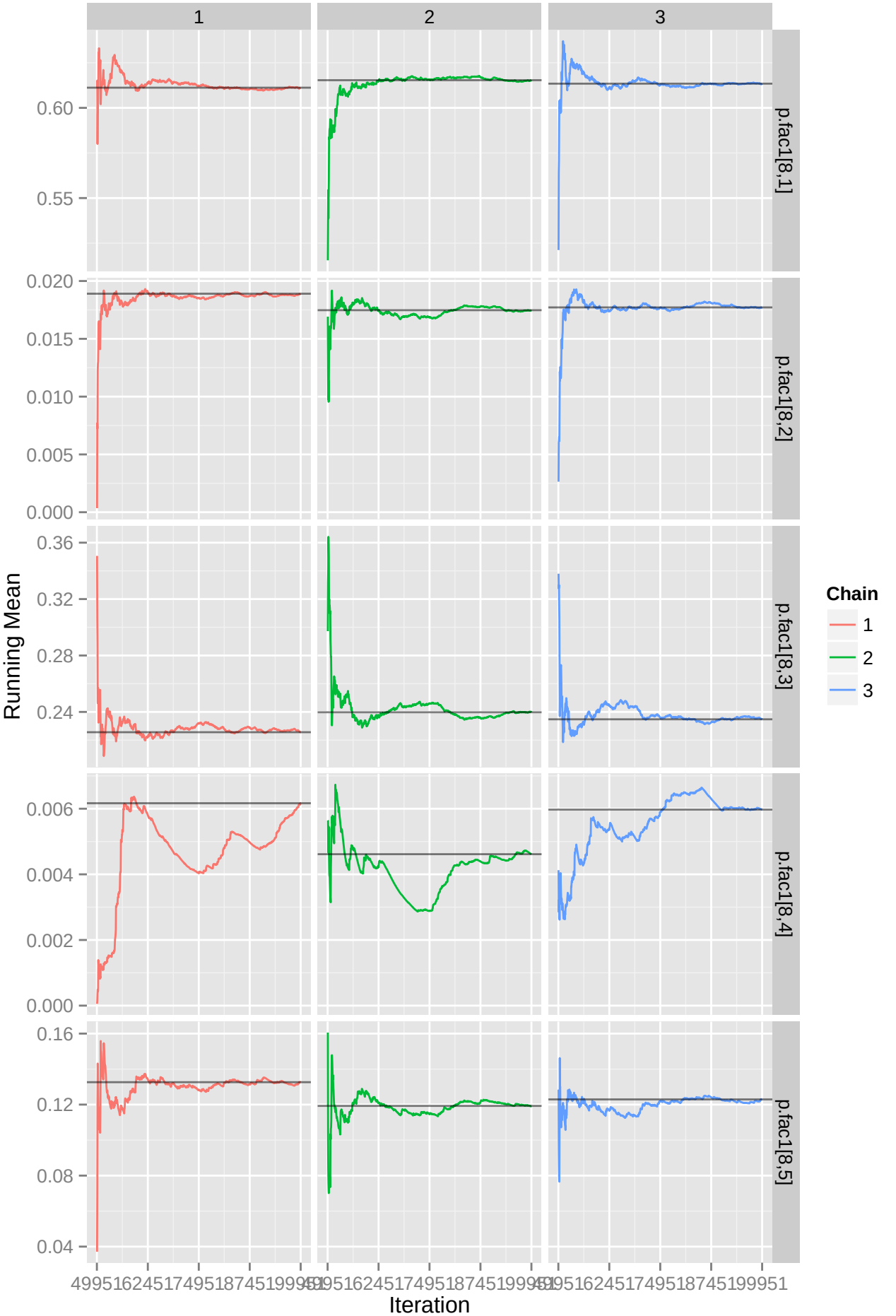

1
2
3
p.fac1[4,4]
p.fac1[4,5]
p.fac1[4,6]
p.fac1[4,7]
p.fac1[5,1]
Running Mean
Iteration
Chain
1
2
3

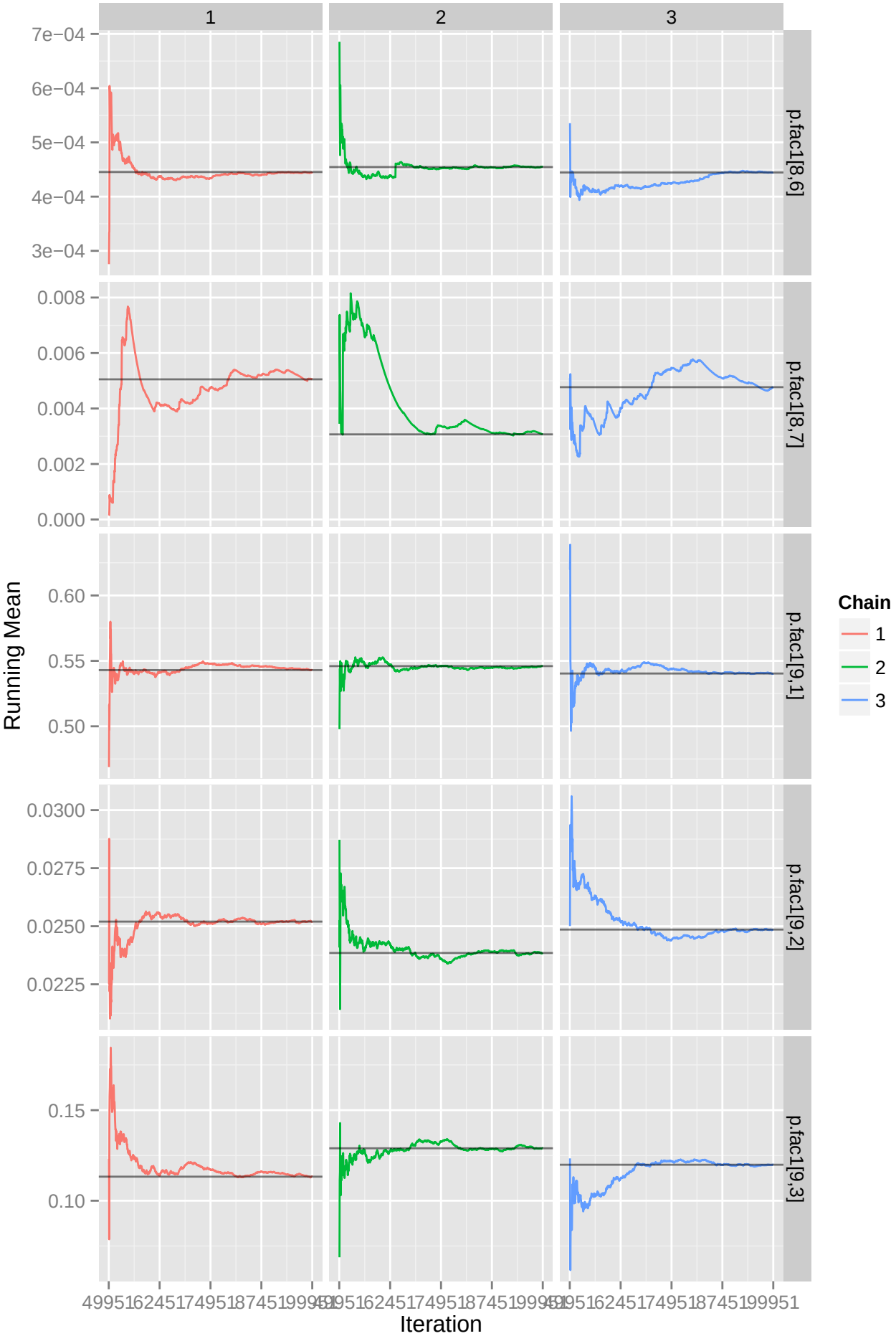

1
2
3
p.fac1[5,2]
p.fac1[5,3]
p.fac1[5,4]
p.fac1[5,5]
p.fac1[5,6]
Running Mean
Iteration
Chain
1
2
3

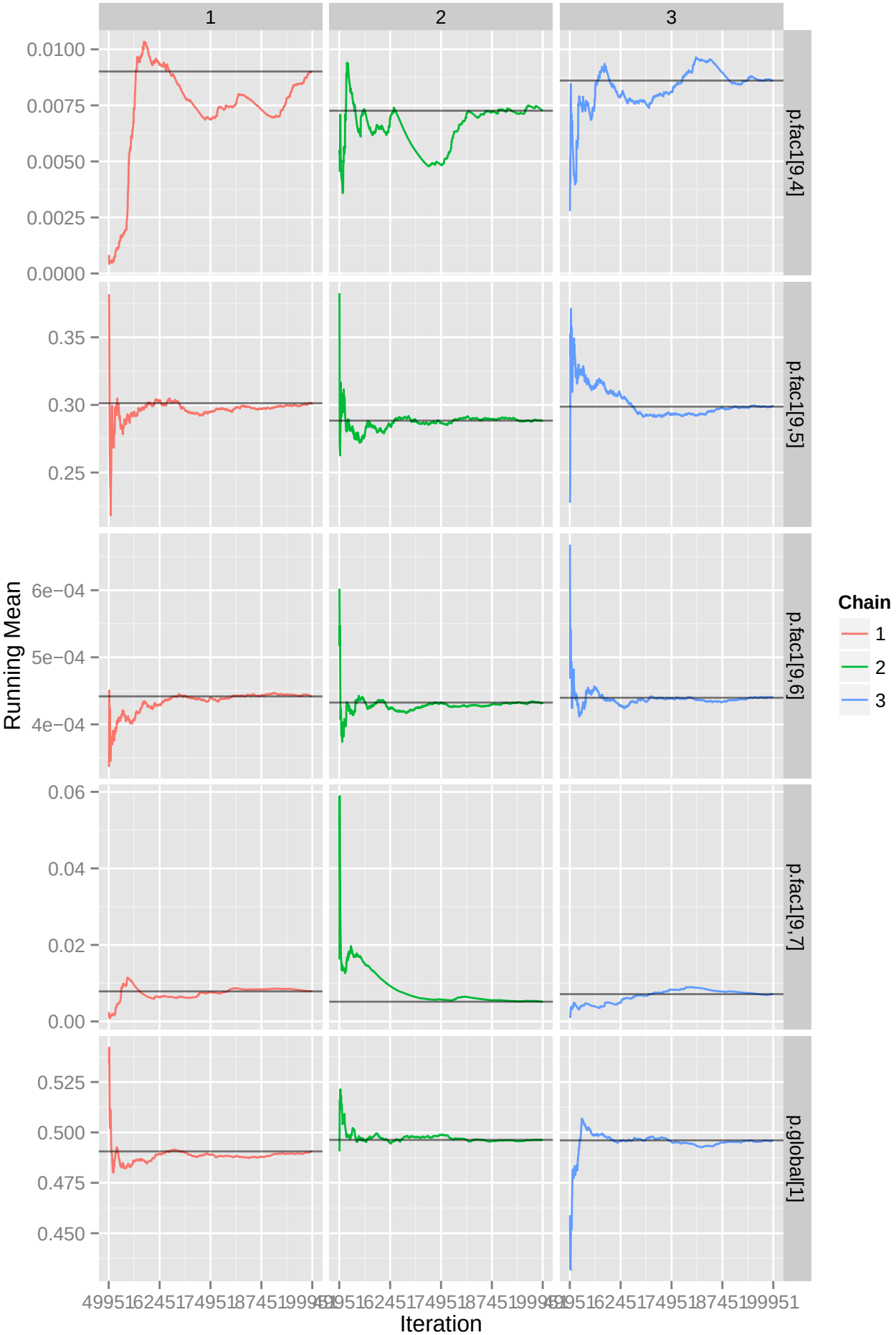

1
2
3
p.fac1[5,7]
p.fac1[6,1]
p.fac1[6,2]
p.fac1[6,3]
p.fac1[6,4]
Running Mean
Iteration
Chain
1
2
3

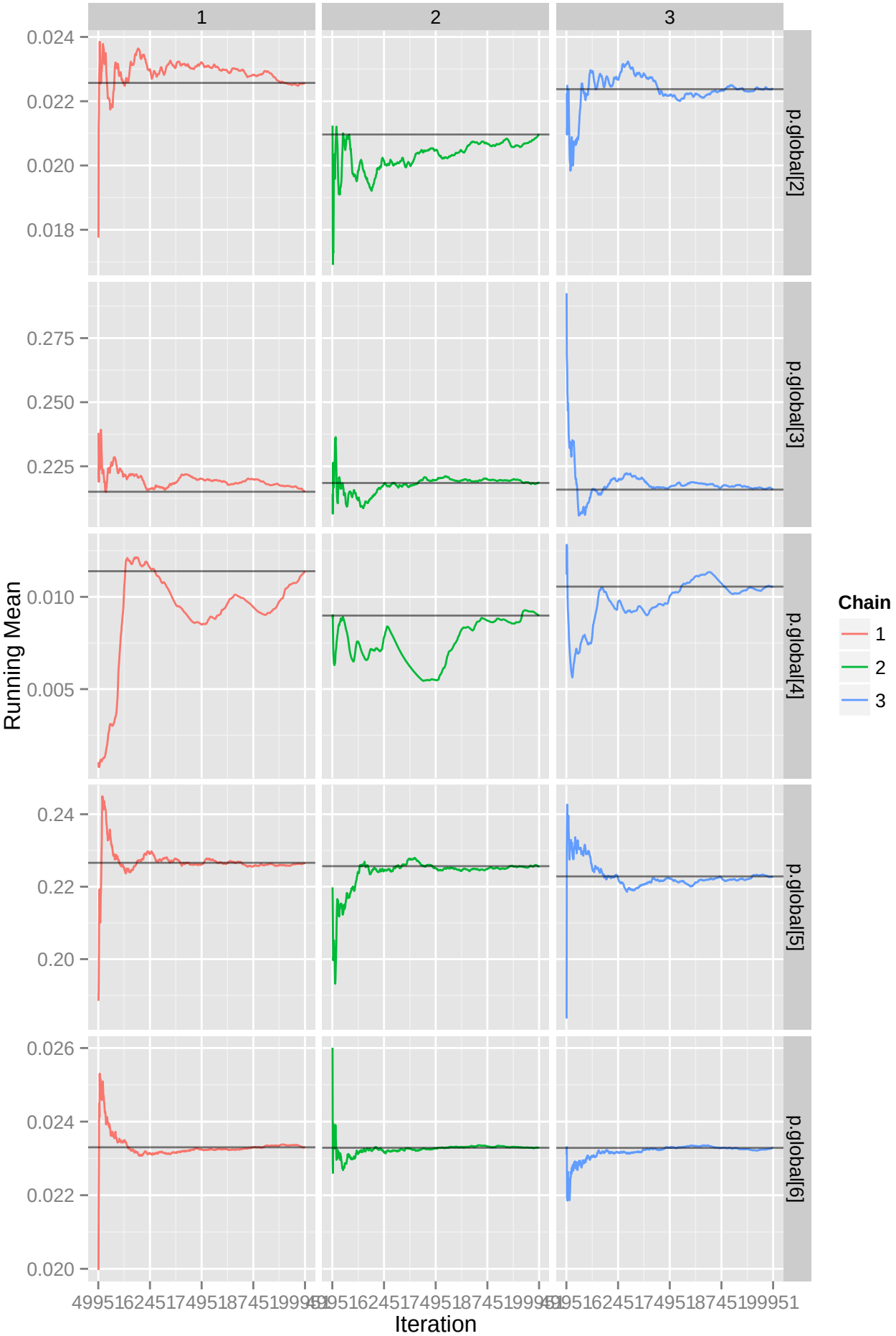

1
2
3
p.fac1[6,5]
p.fac1[6,6]
p.fac1[6,7]
p.fac1[7,1]
p.fac1[7,2]
0.125
0.100
0.075
0.050
5e−04
4e−04
3e−04
2e−04
0.06
0.04
0.02
0.00
0.14
0.12
0.10
0.08
0.03
0.02
0.01
Running Mean
Iteration
Chain
1
2
3

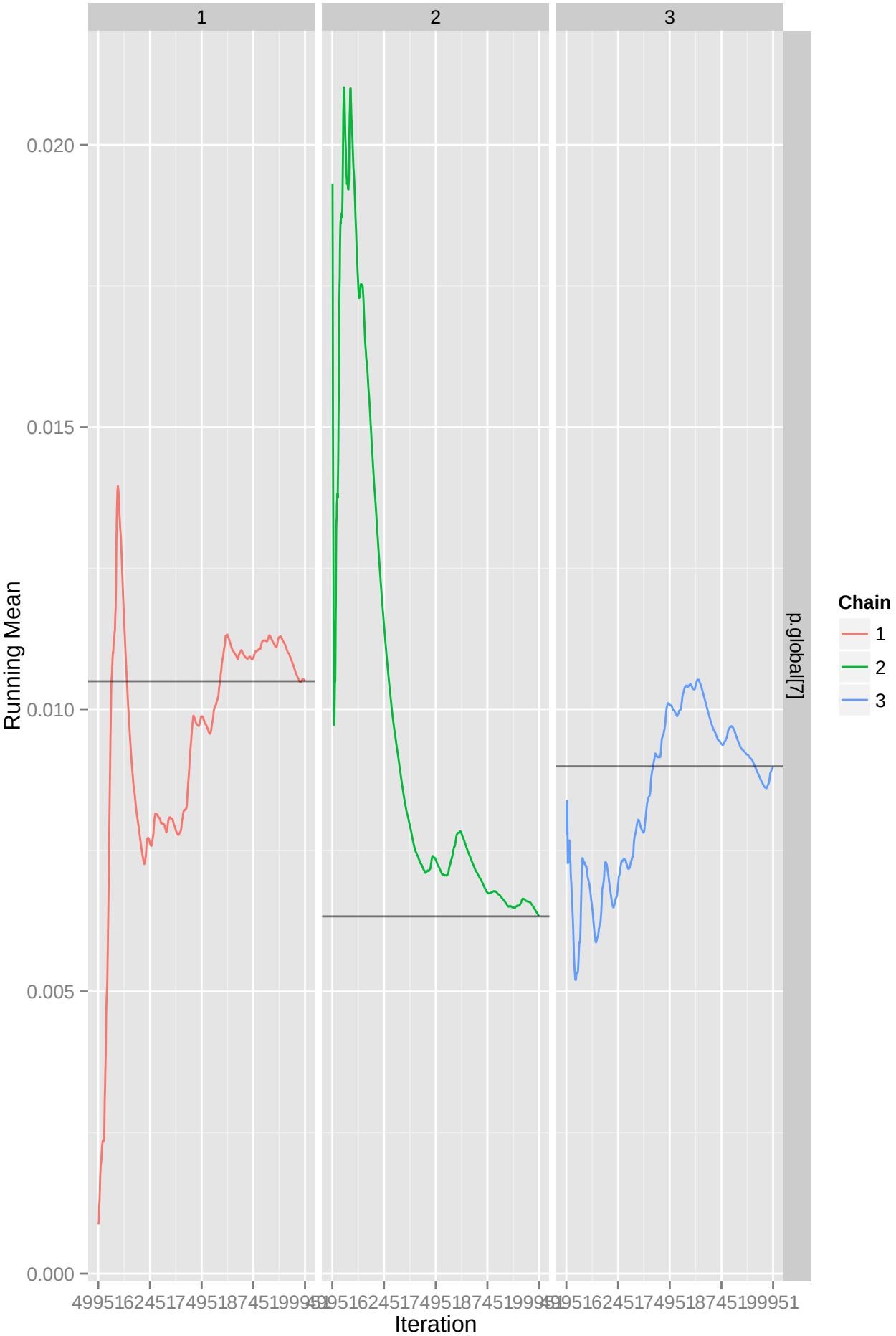

1
2
3
p.fac1[7,3]
p.fac1[7,4]
p.fac1[7,5]
p.fac1[7,6]
p.fac1[7,7]
0.85
0.83
0.81
0.008
0.006
0.004
0.002
0.000
0.05
0.04
0.03
0.02
8e−04
6e−04
4e−04
0.006
0.004
0.002
0.000
Running Mean
Iteration
Chain
1
2
3

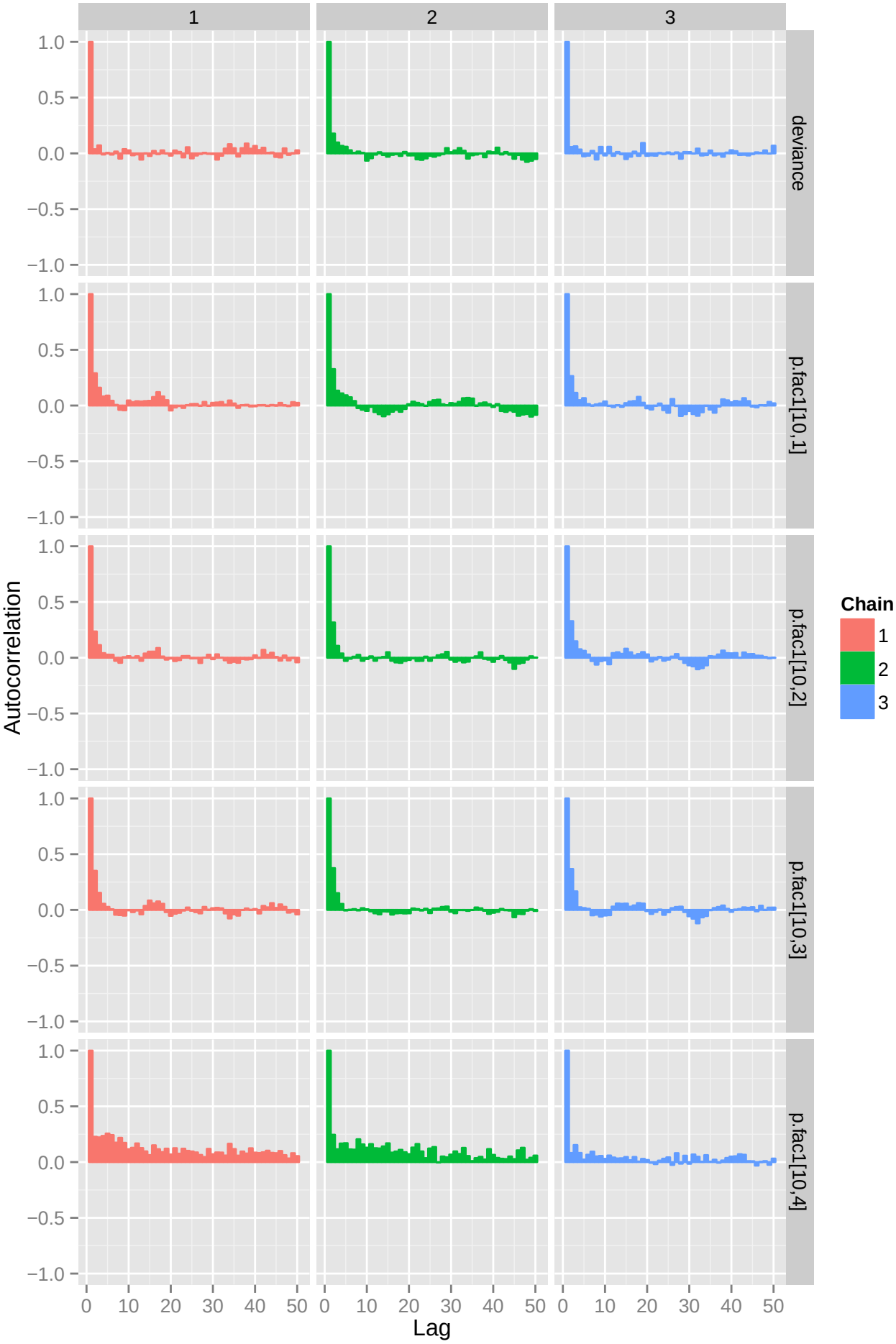

1
2
3
p.fac1[8,1]
p.fac1[8,2]
p.fac1[8,3]
p.fac1[8,4]
p.fac1[8,5]
Running Mean
0.60
0.55
0.020
0.015
0.010
0.005
0.000
0.36
0.32
0.28
0.24
0.006
0.004
0.002
0.000
0.16
0.12
0.08
0.04
Iteration
Chain
1
2
3

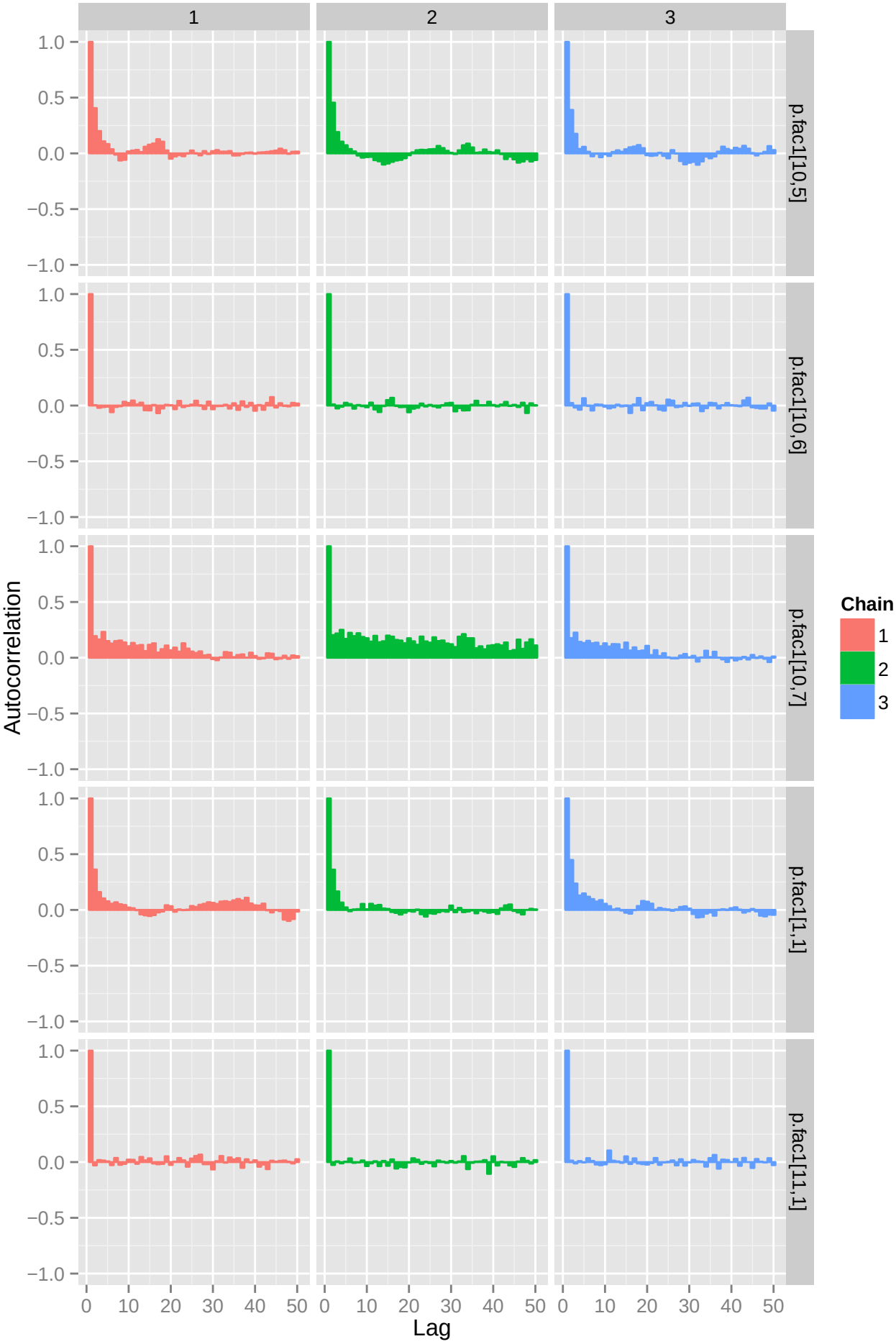

1
2
3
p.fac1[8,6]
p.fac1[8,7]
p.fac1[9,1]
p.fac1[9,2]
p.fac1[9,3]
7e−04
6e−04
5e−04
4e−04
3e−04
0.008
0.006
0.004
0.002
0.000
0.60
0.55
0.50
0.0300
0.0275
0.0250
0.0225
0.15
0.10
Running Mean
Iteration
Chain
1
2
3

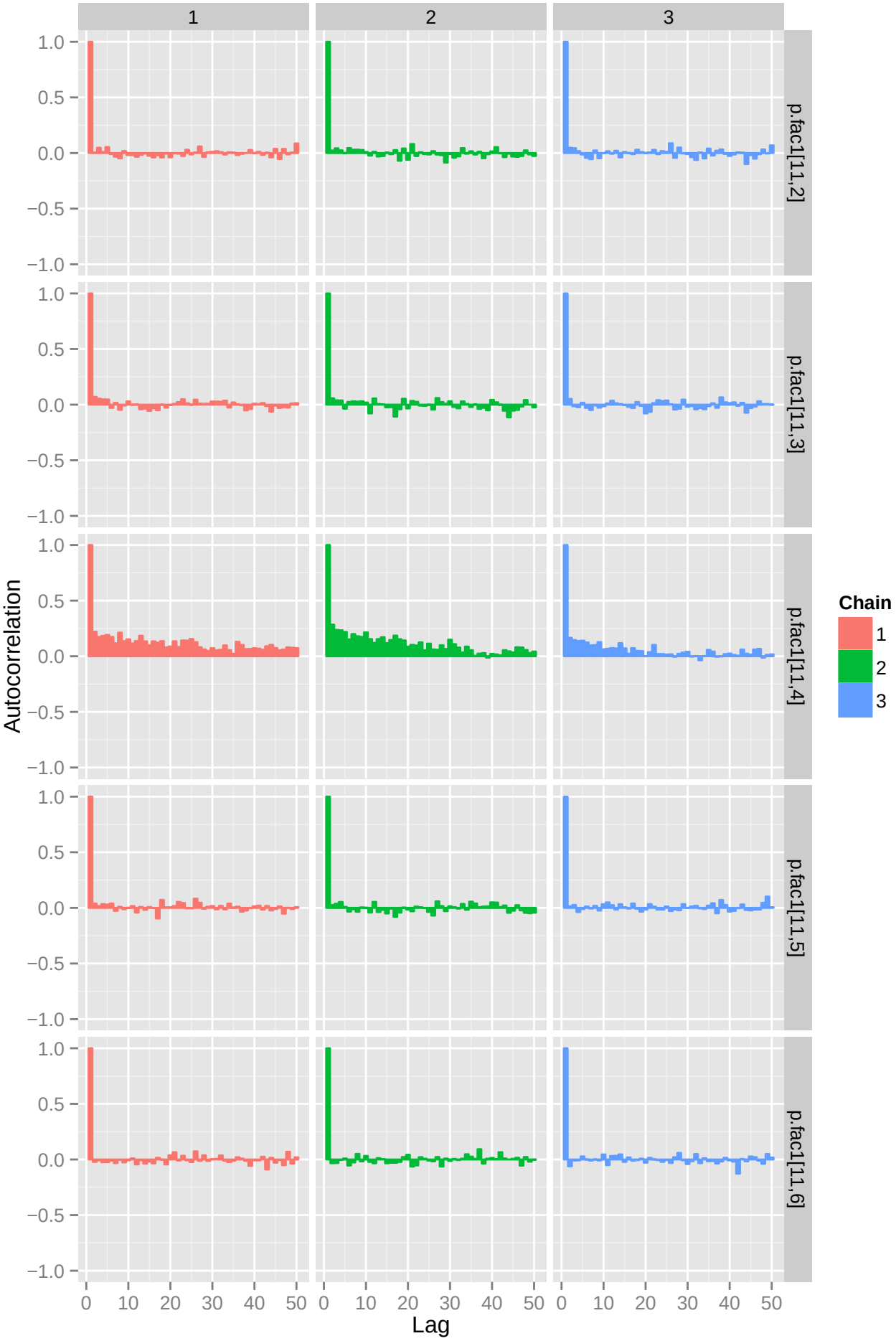

1
2
3
p.fac1[9,4]
p.fac1[9,5]
p.fac1[9,6]
p.fac1[9,7]
p.global[1]
Running Mean
Iteration
Chain
1
2
3

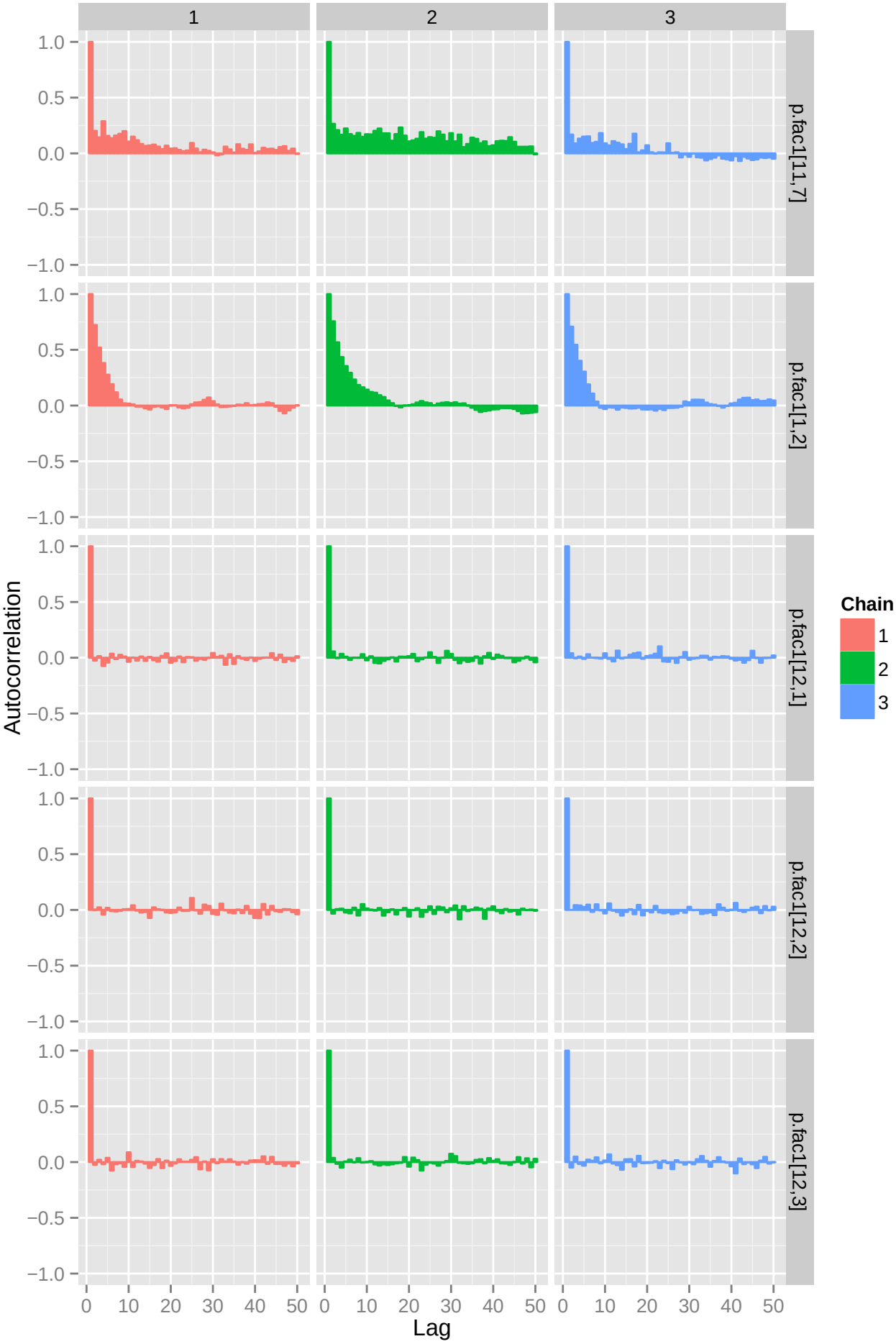

1
2
3
p.global[2]
p.global[3]
p.global[4]
p.global[5]
p.global[6]
0.024
0.022
0.020
0.018
0.275
0.250
0.225
0.010
0.005
0.24
0.22
0.20
0.026
0.024
0.022
0.020
Running Mean
Iteration
Chain
1
2
3

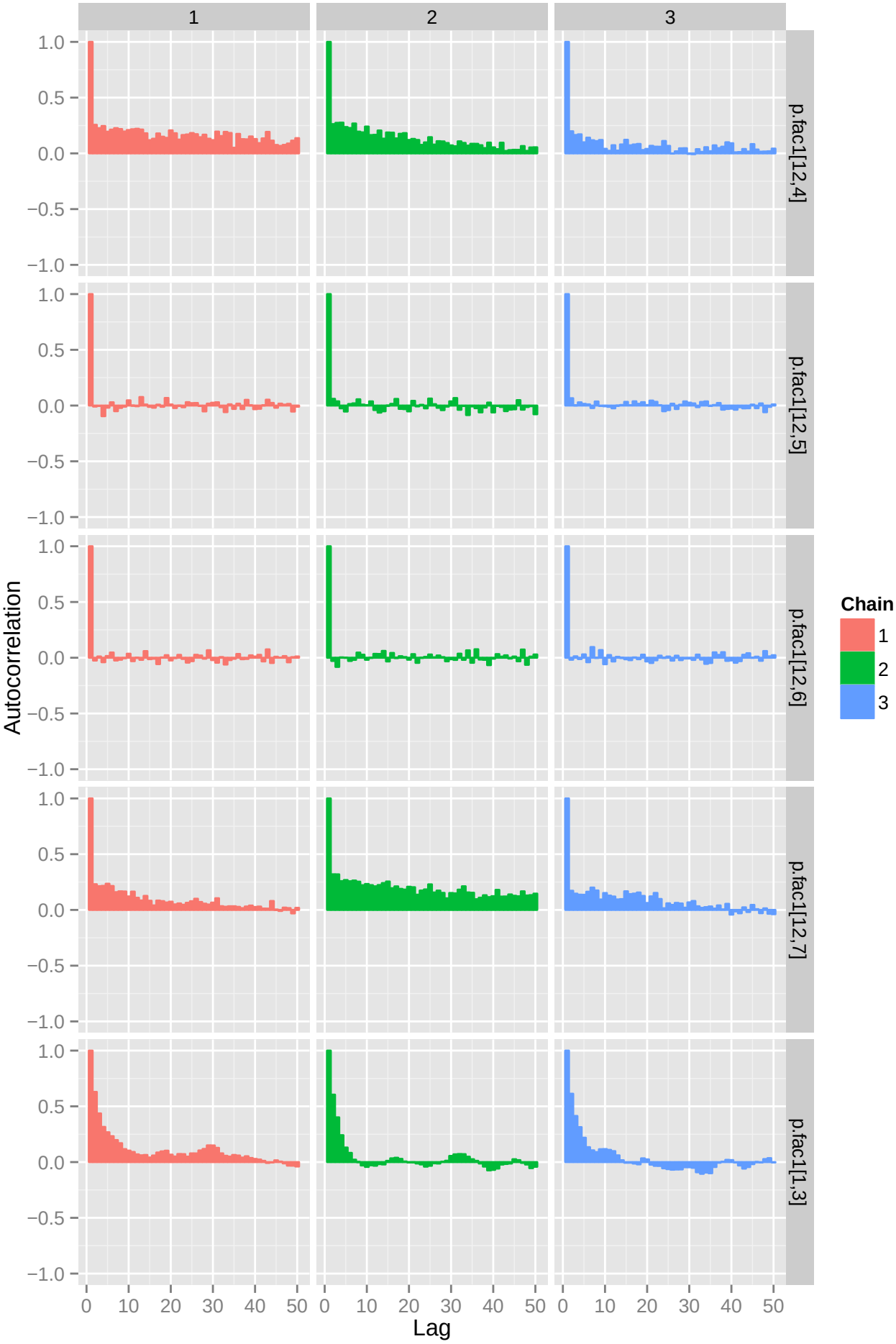

1
2
3
0.020
0.015
0.010
0.005
0.000
Running Mean
p.global[7]
Iteration
Chain
1
2
3

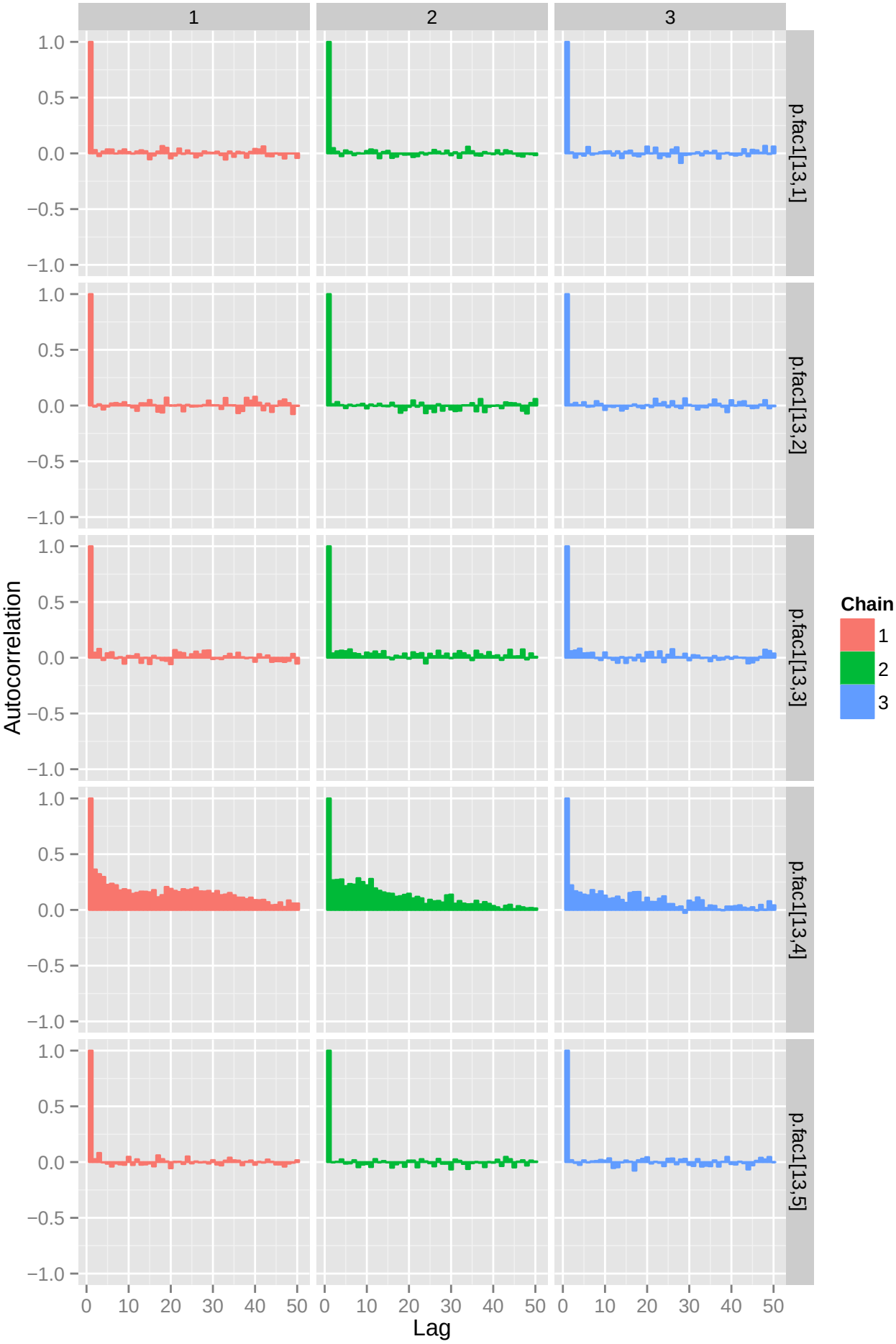

1
2
3
deviance
p.fac1[10,1]
p.fac1[10,2]
p.fac1[10,3]
p.fac1[10,4]
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3

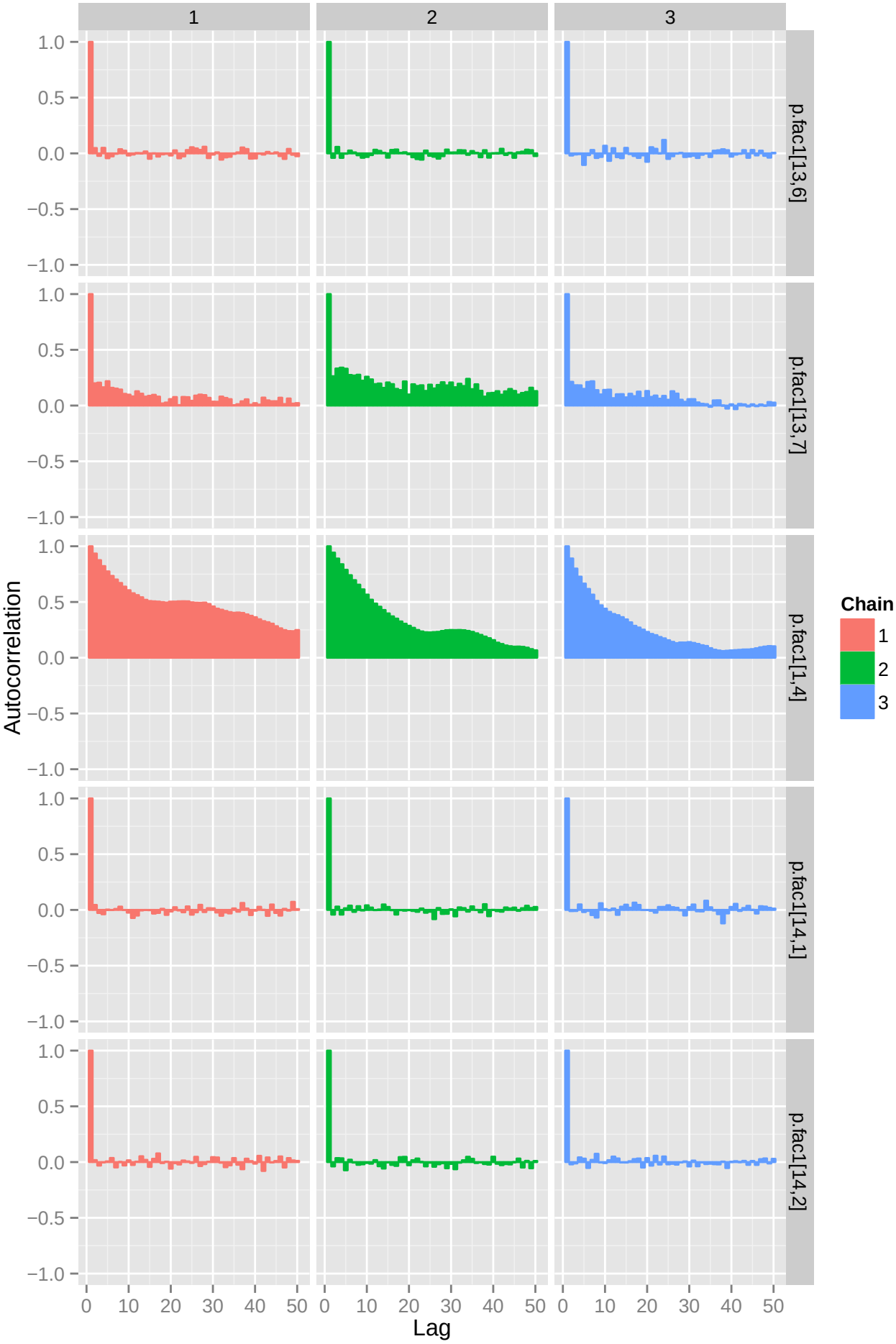

1
2
3
p.fac1[10,5]
p.fac1[10,6]
p.fac1[10,7]
p.fac1[1,1]
p.fac1[11,1]
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3

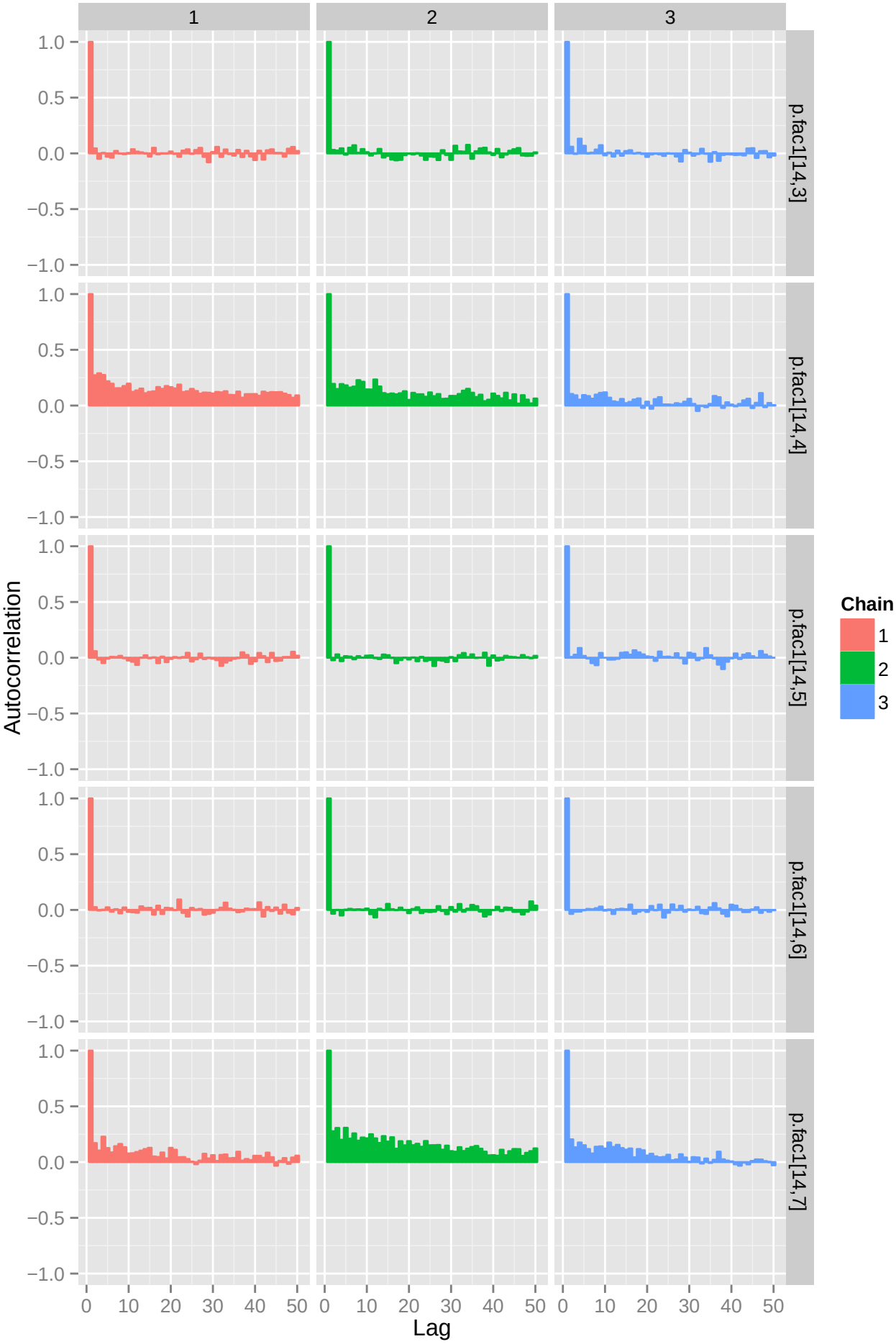

1
2
3
p.fac1[11,2]
p.fac1[11,3]
p.fac1[11,4]
p.fac1[11,5]
p.fac1[11,6]
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3

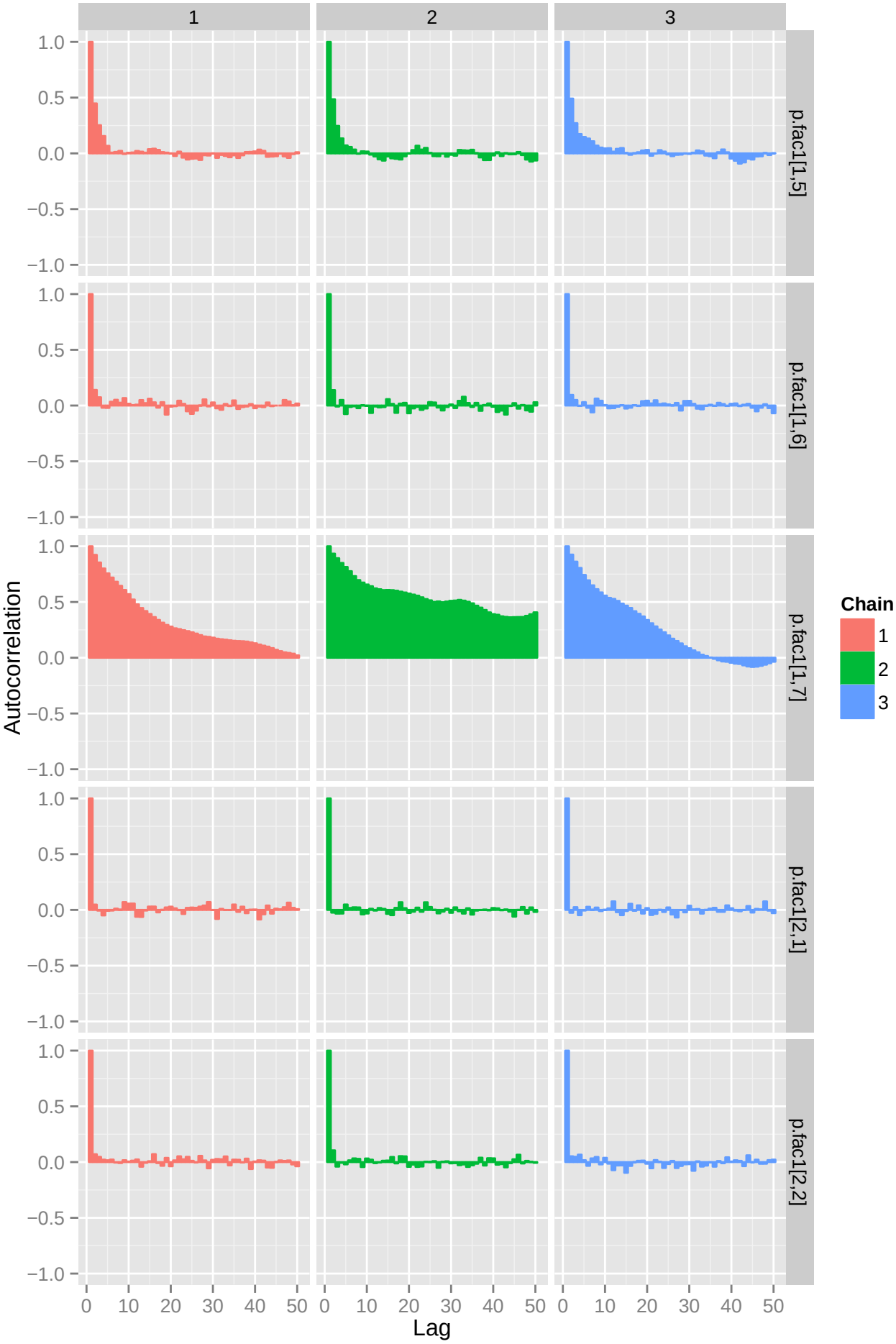

1
2
3
p.fac1[11,7]
p.fac1[1,2]
p.fac1[12,1]
p.fac1[12,2]
p.fac1[12,3]
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3

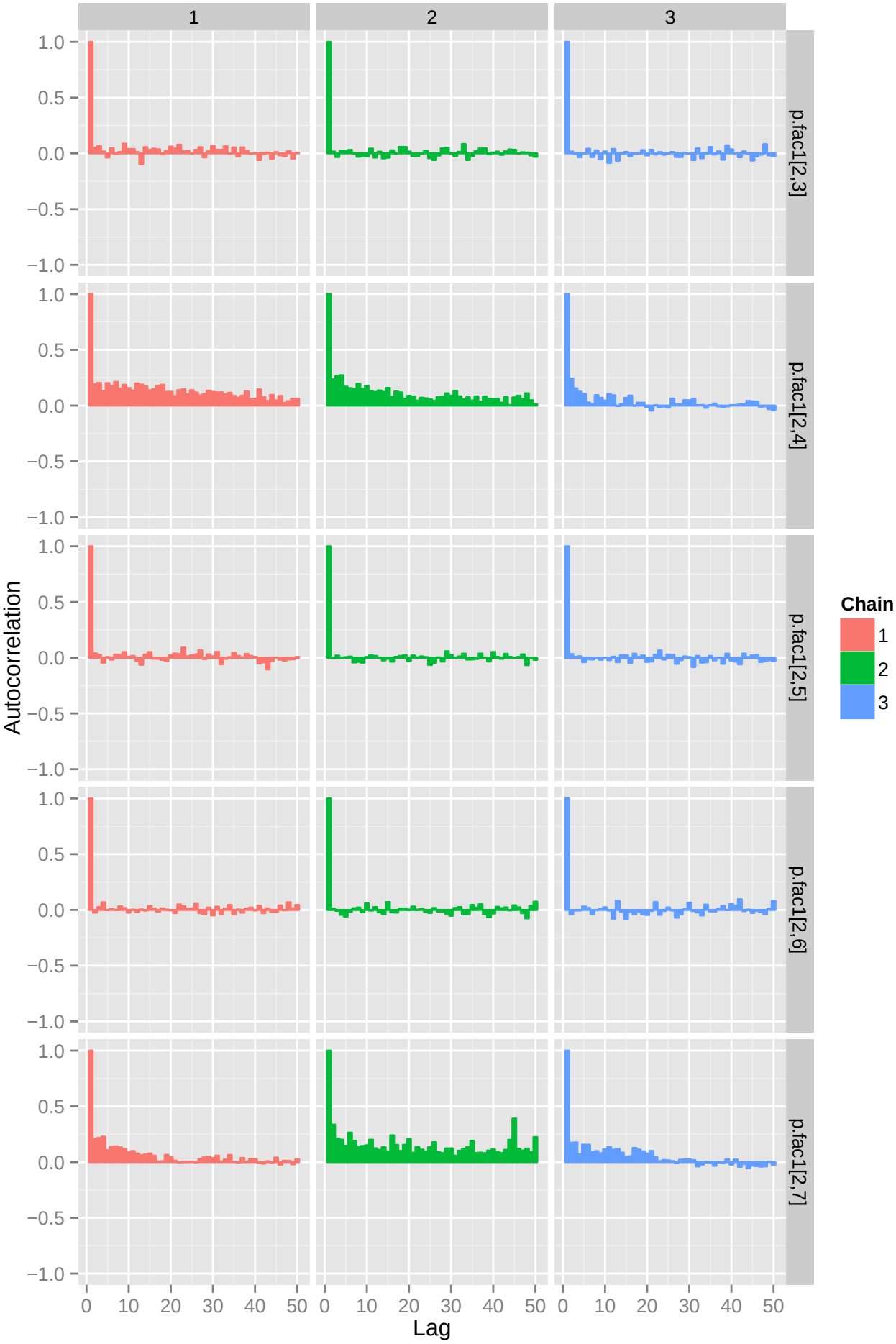

1
2
3
p.fac1[12,4]
p.fac1[12,5]
p.fac1[12,6]
p.fac1[12,7]
p.fac1[1,3]
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3

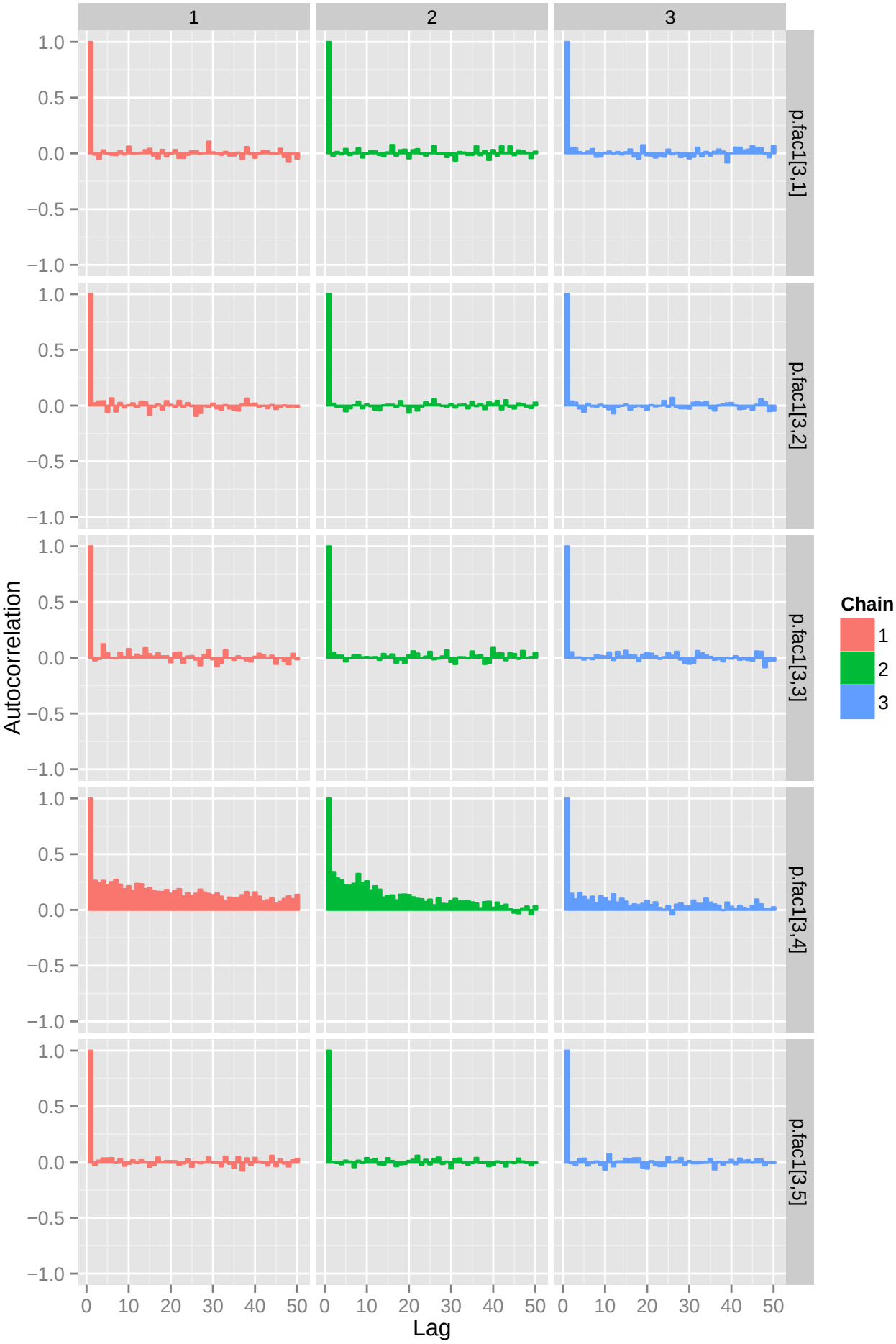

1
2
3
p.fac1[13,1]
p.fac1[13,2]
p.fac1[13,3]
p.fac1[13,4]
p.fac1[13,5]
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3

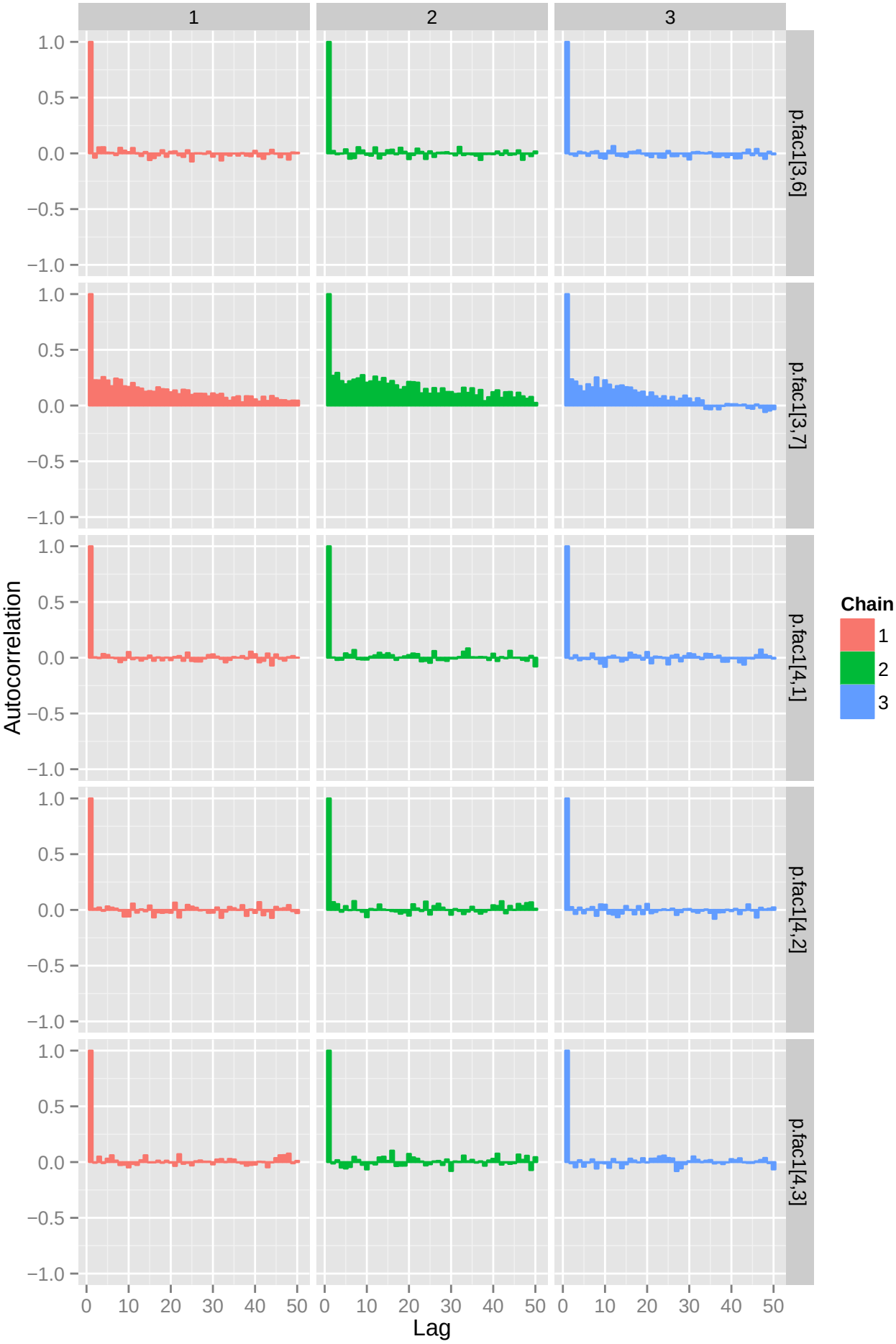

1
2
3
p.fac1[13,6]
p.fac1[13,7]
p.fac1[1,4]
p.fac1[14,1]
p.fac1[14,2]
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3

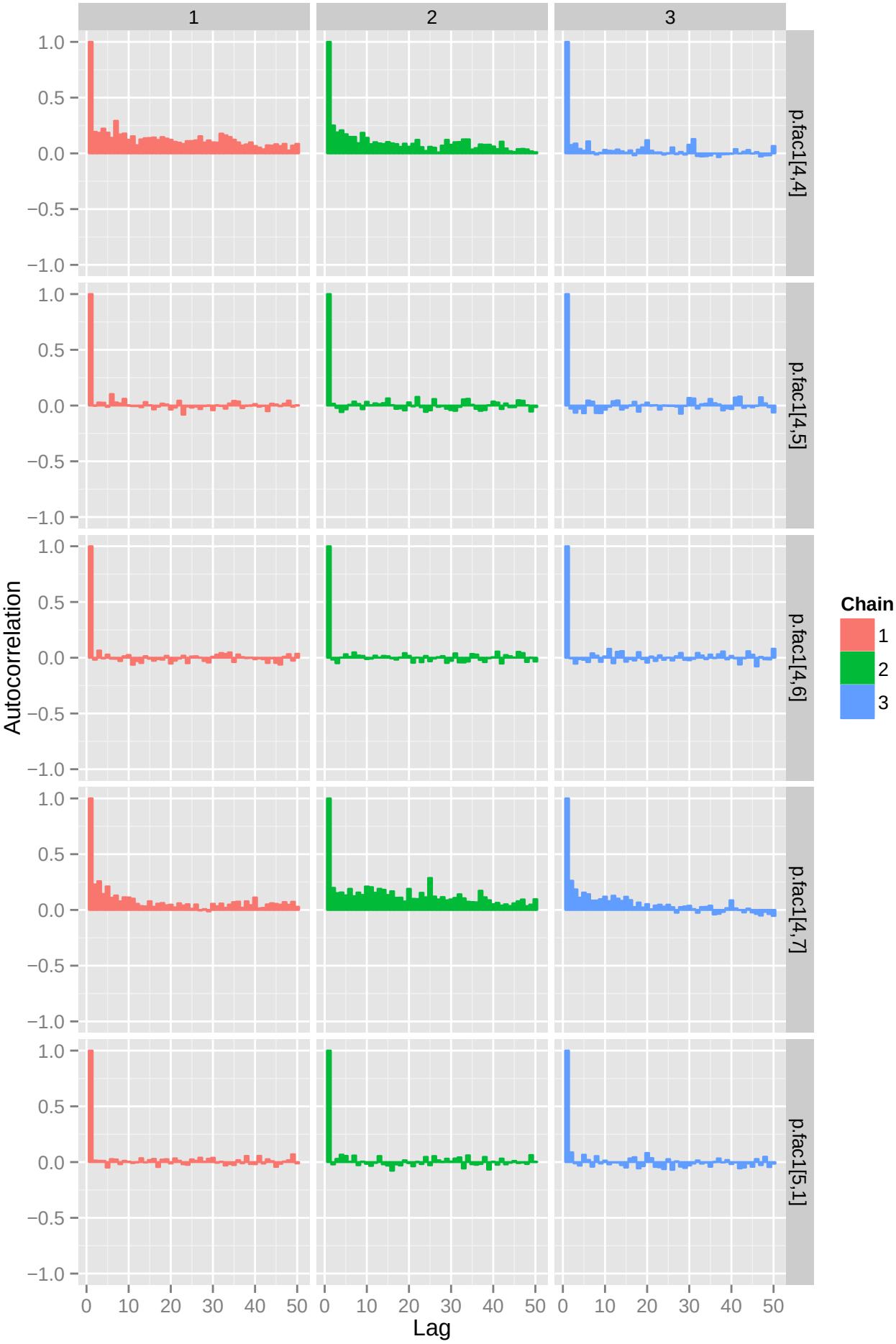

1
2
3
p.fac1[14,3]
p.fac1[14,4]
p.fac1[14,5]
p.fac1[14,6]
p.fac1[14,7]
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3

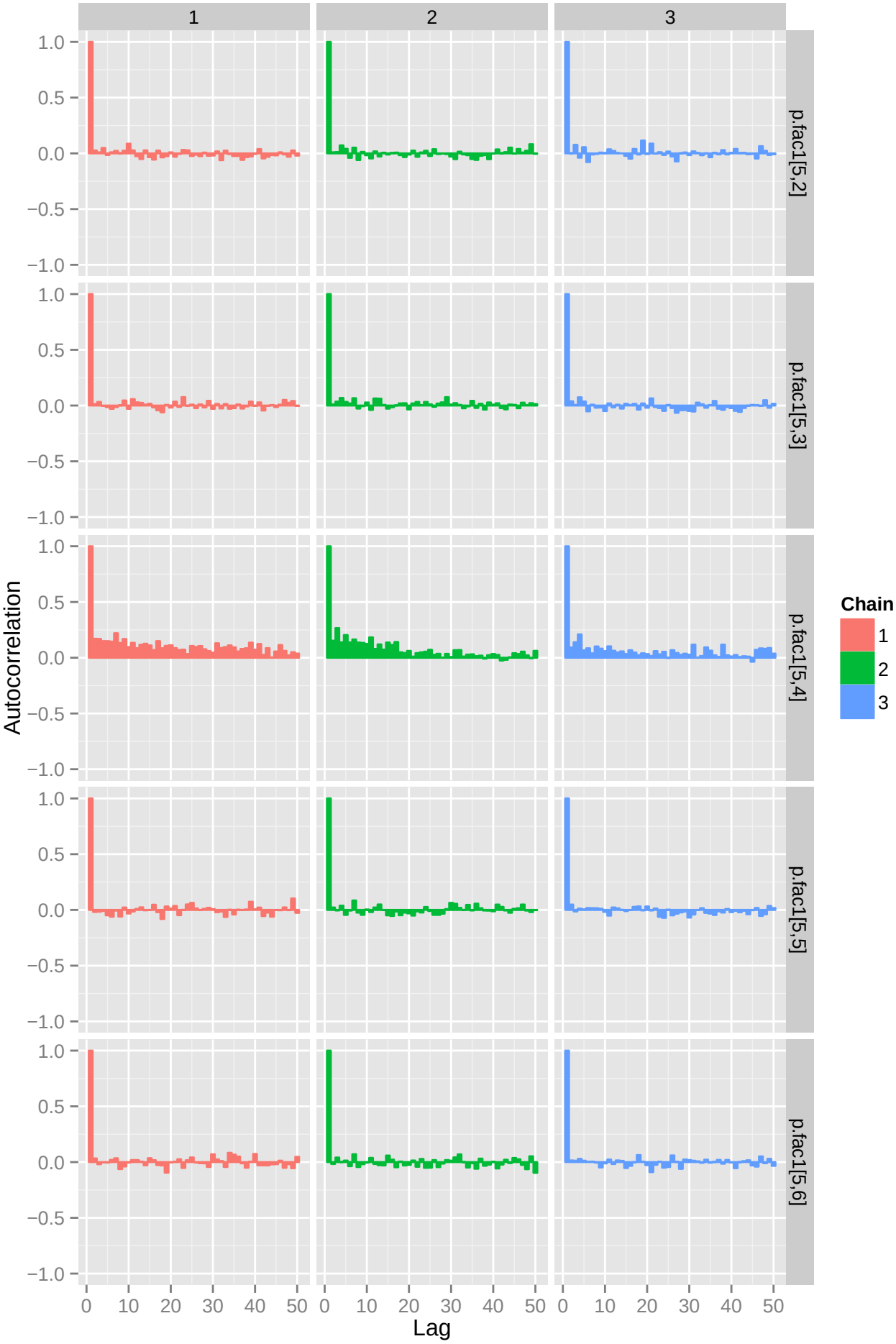

1
2
3
p.fac1[1,5]
p.fac1[1,6]
p.fac1[1,7]
p.fac1[2,1]
p.fac1[2,2]
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3

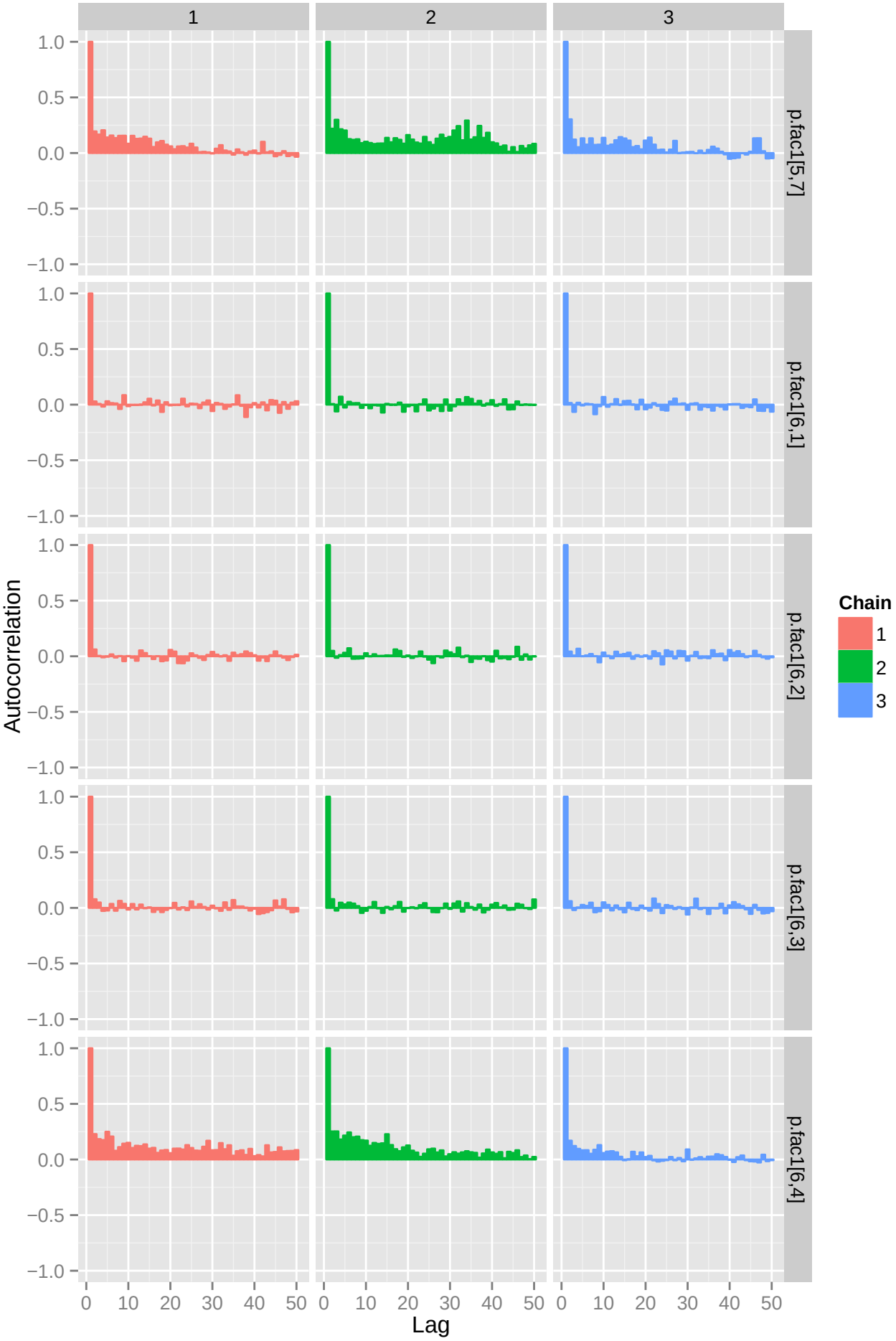

1
2
3
p.fac1[2,3]
p.fac1[2,4]
p.fac1[2,5]
p.fac1[2,6]
p.fac1[2,7]
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3

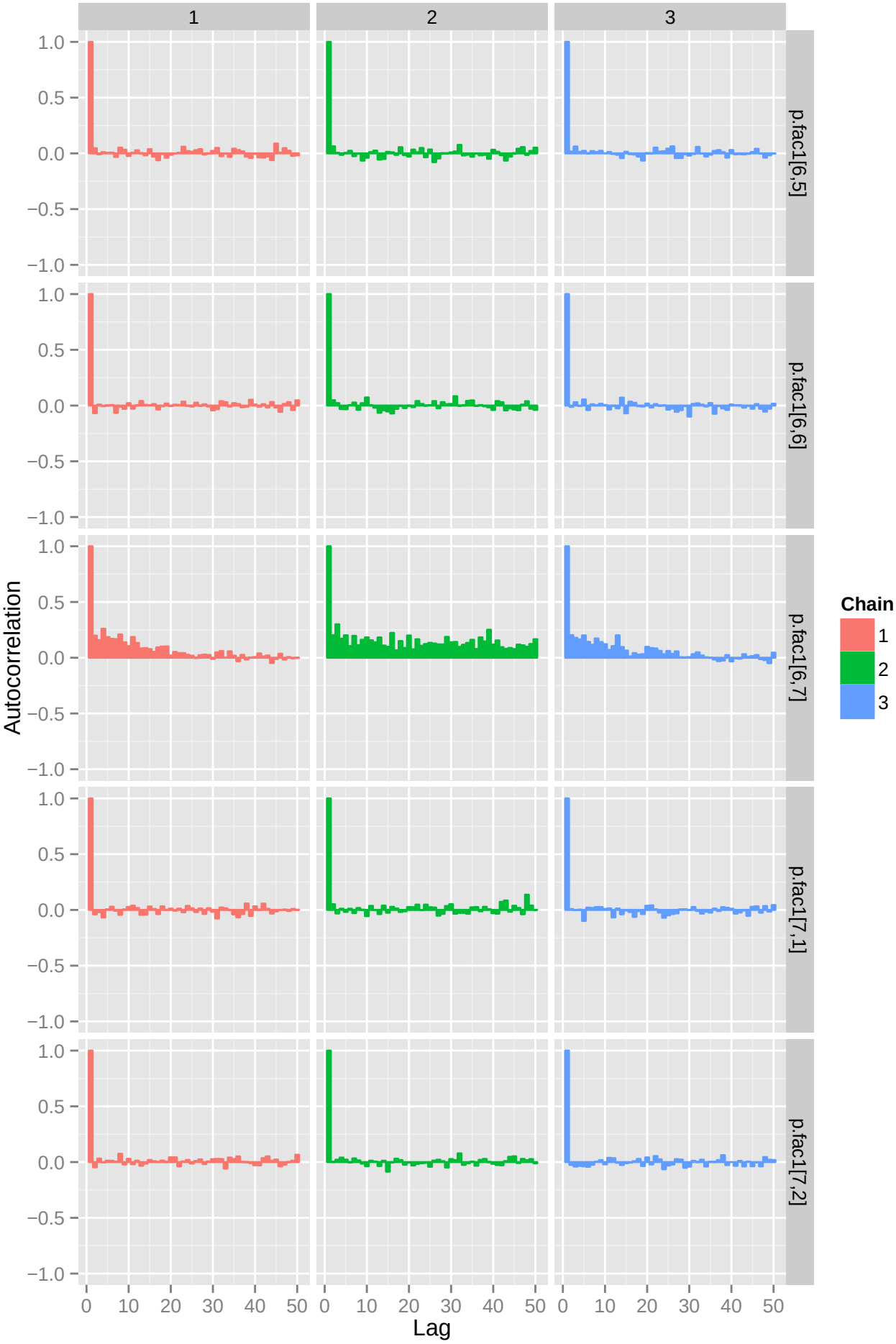

1
2
3
p.fac1[3,1]
p.fac1[3,2]
p.fac1[3,3]
p.fac1[3,4]
p.fac1[3,5]
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3

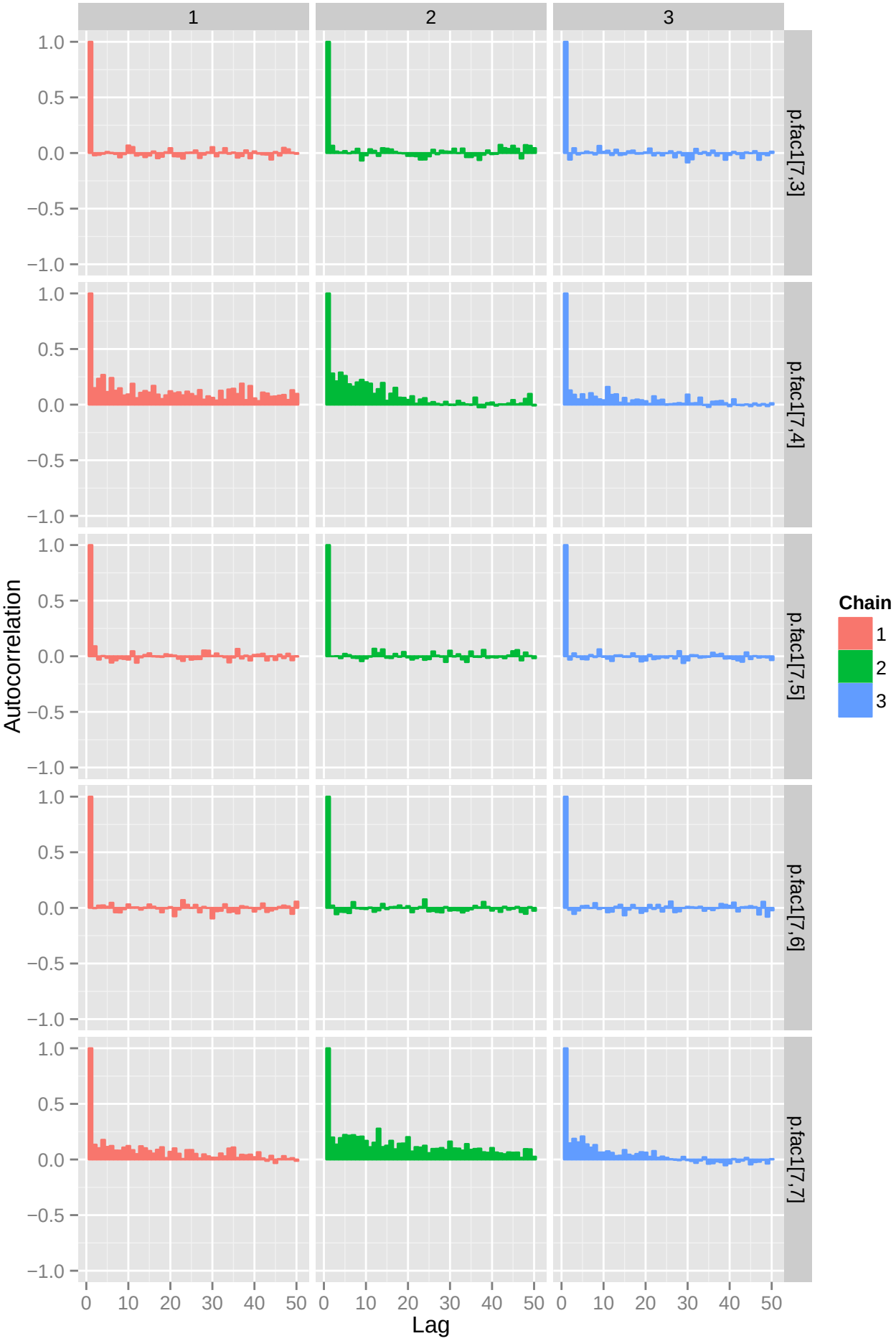

1
2
3
p.fac1[3,6]
p.fac1[3,7]
p.fac1[4,1]
p.fac1[4,2]
p.fac1[4,3]
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3

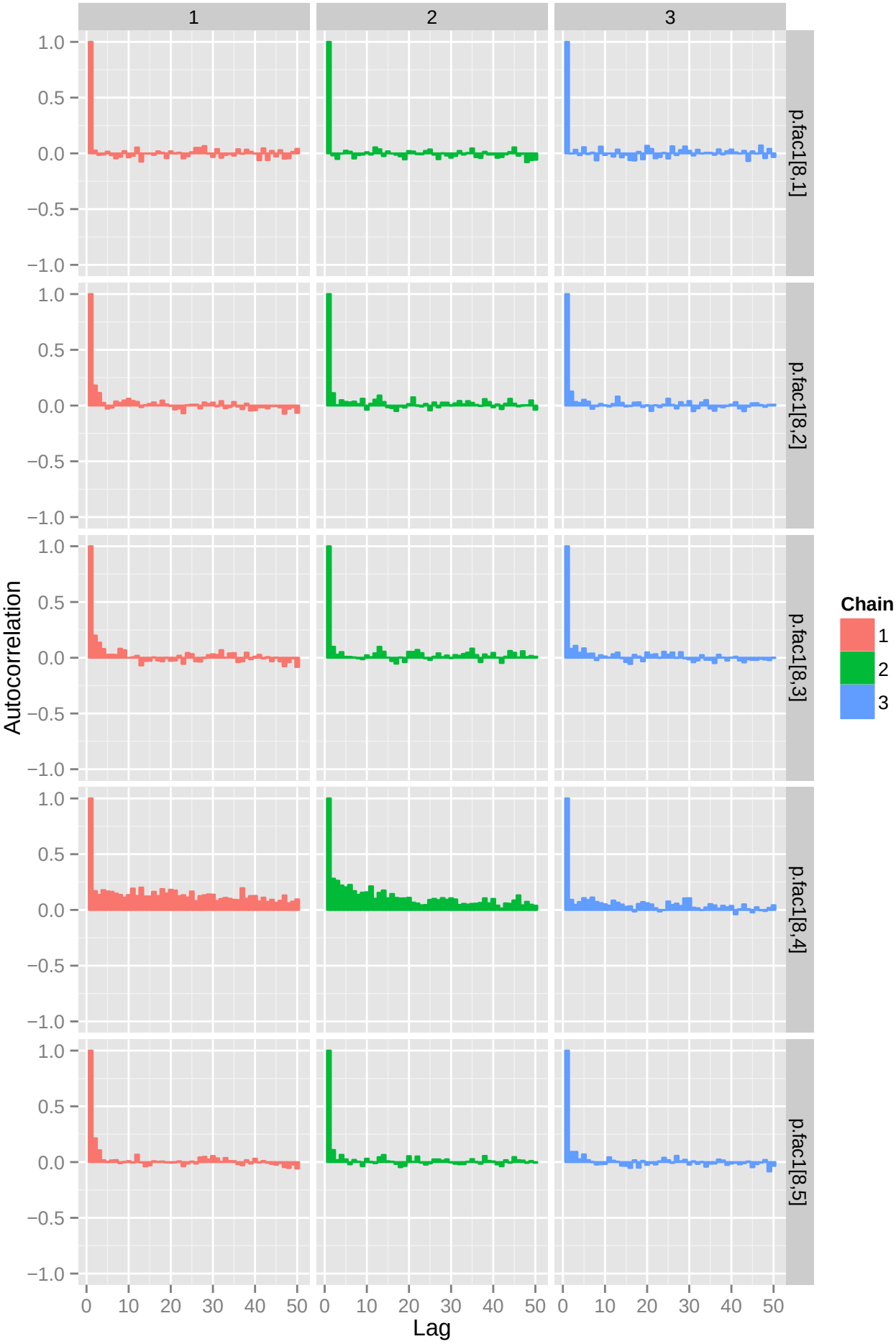

1
2
3
p.fac1[4,4]
p.fac1[4,5]
p.fac1[4,6]
p.fac1[4,7]
p.fac1[5,1]
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3

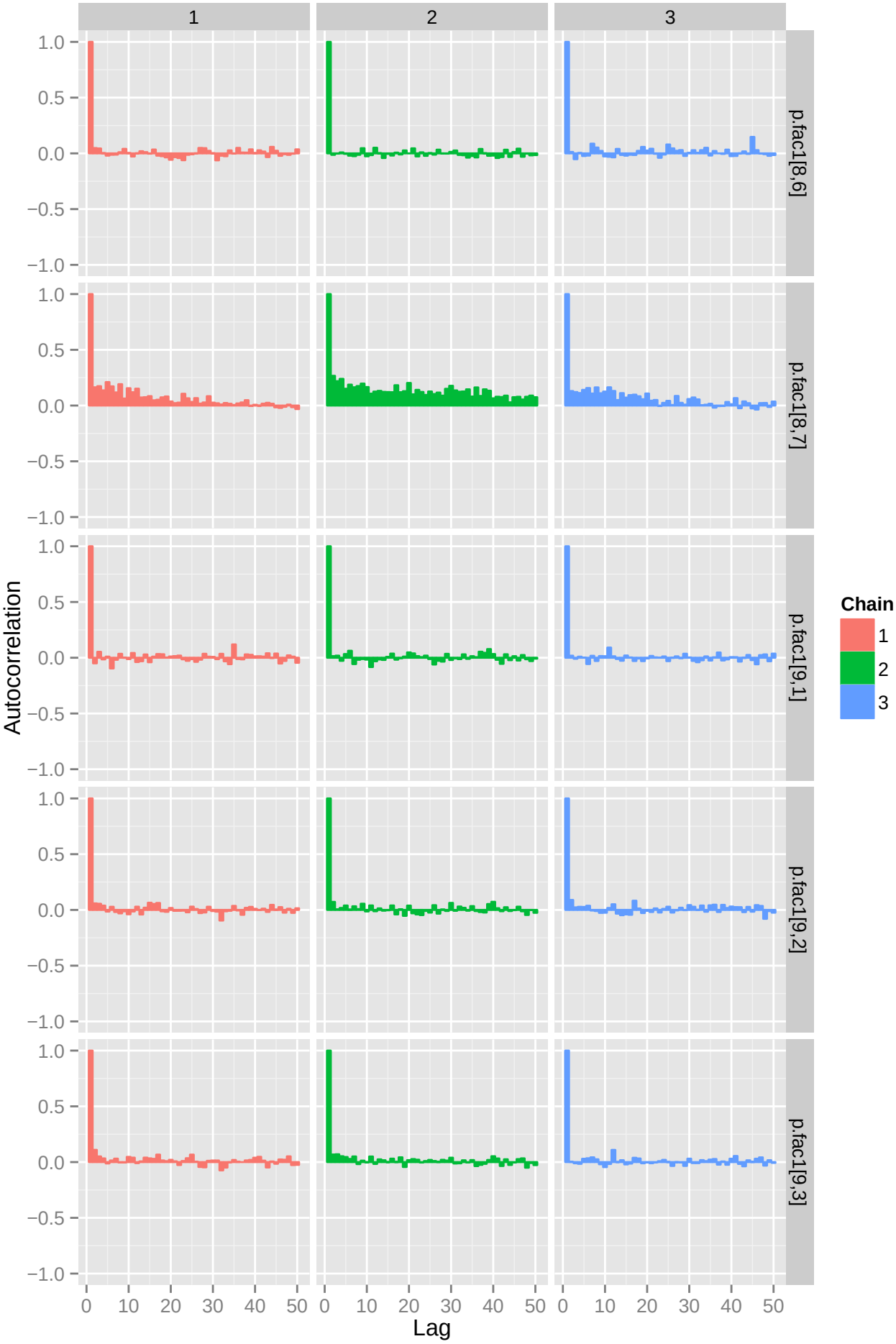

1
2
3
p.fac1[5,2]
p.fac1[5,3]
p.fac1[5,4]
p.fac1[5,5]
p.fac1[5,6]
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3

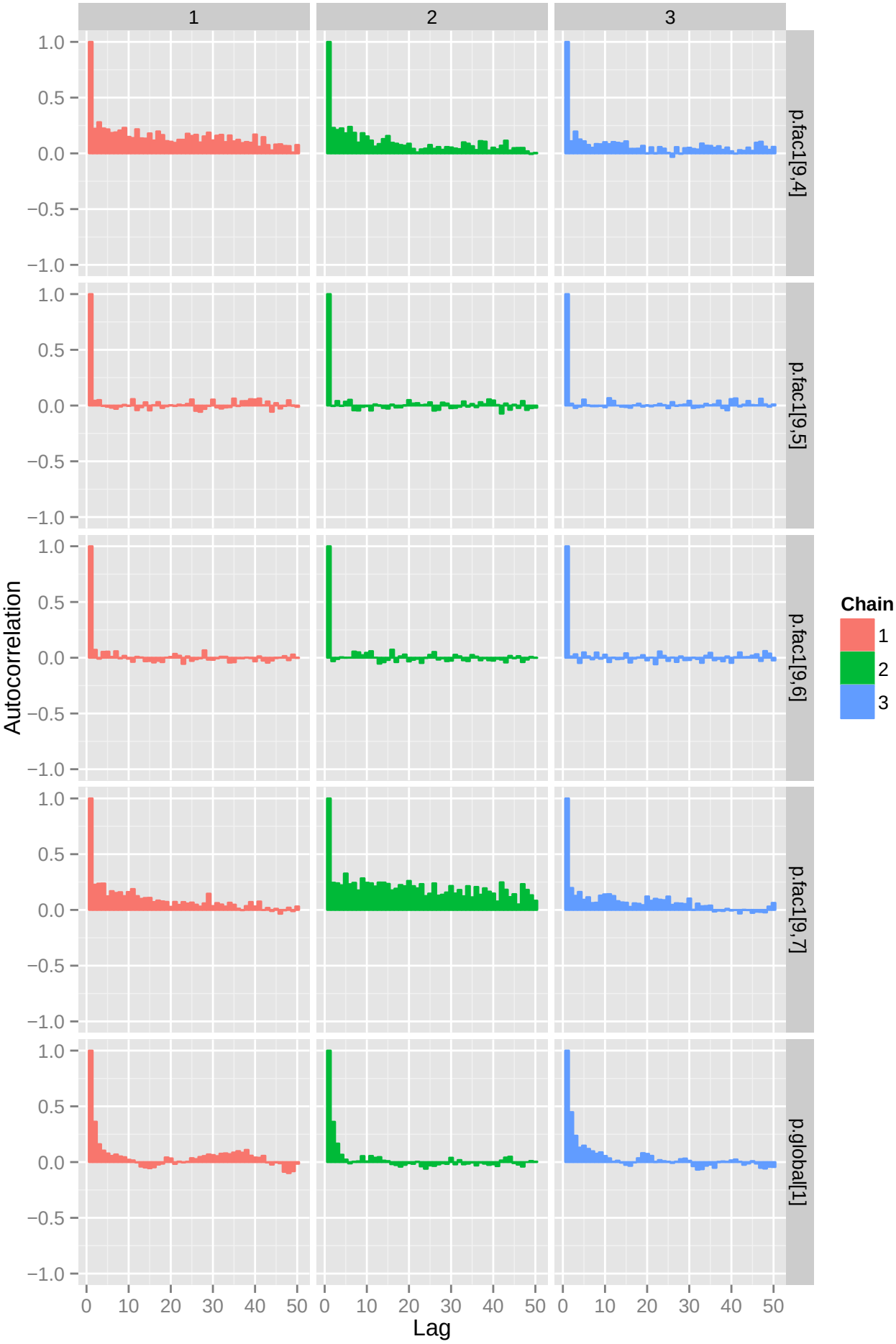

1
2
3
p.fac1[5,7]
p.fac1[6,1]
p.fac1[6,2]
p.fac1[6,3]
p.fac1[6,4]
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3

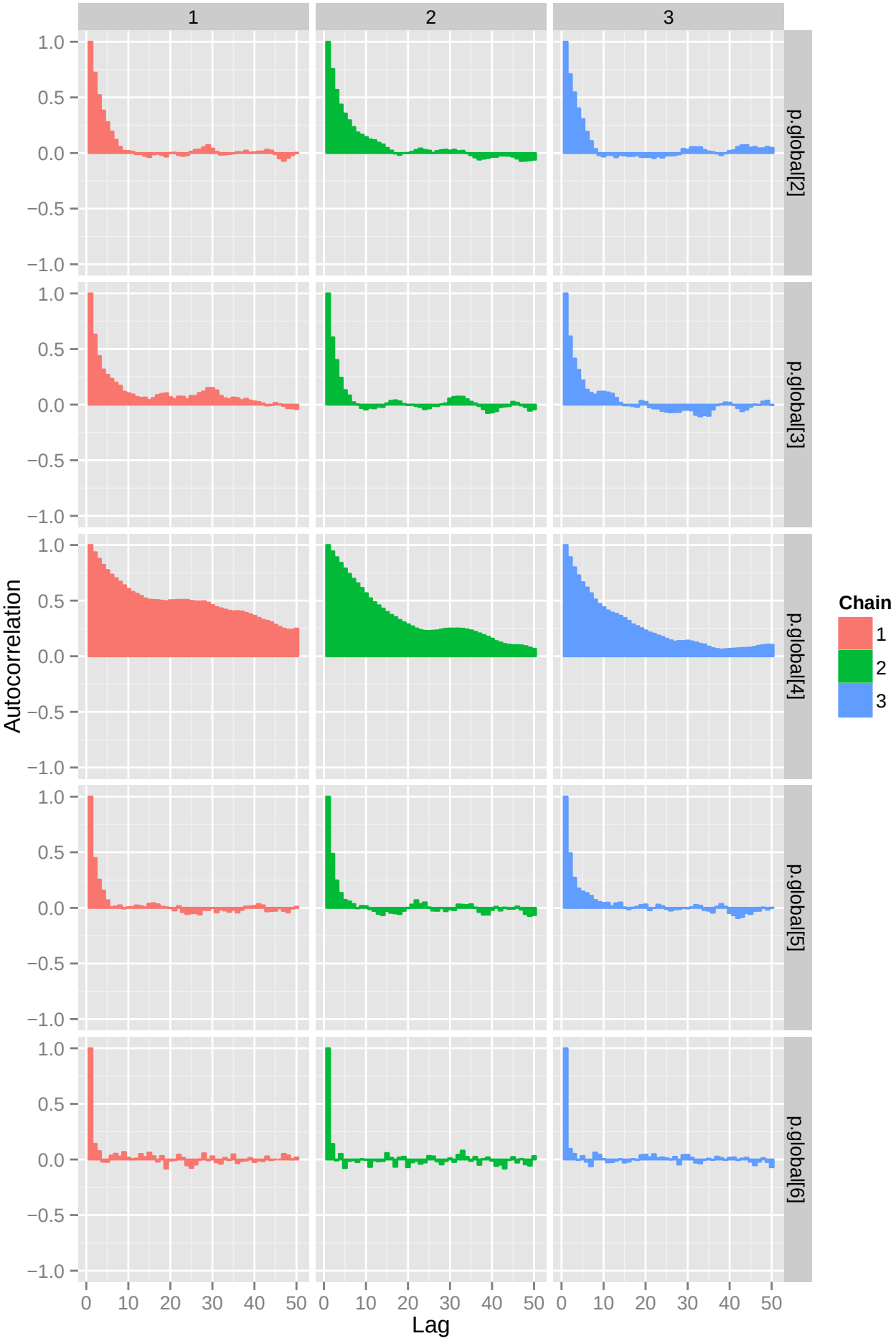

1
2
3
p.fac1[6,5]
p.fac1[6,6]
p.fac1[6,7]
p.fac1[7,1]
p.fac1[7,2]
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3

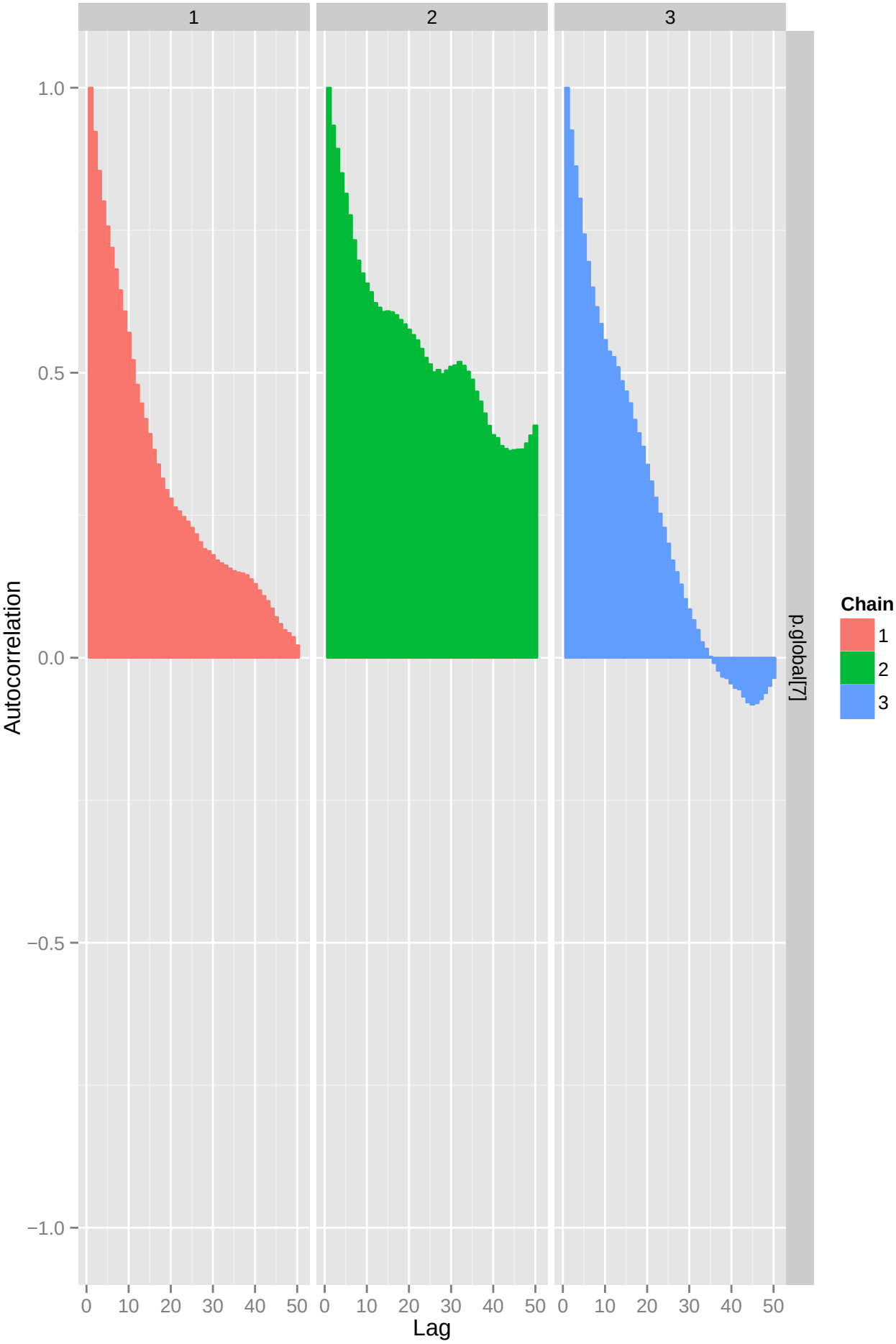

1
2
3
p.fac1[7,3]
p.fac1[7,4]
p.fac1[7,5]
p.fac1[7,6]
p.fac1[7,7]
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3

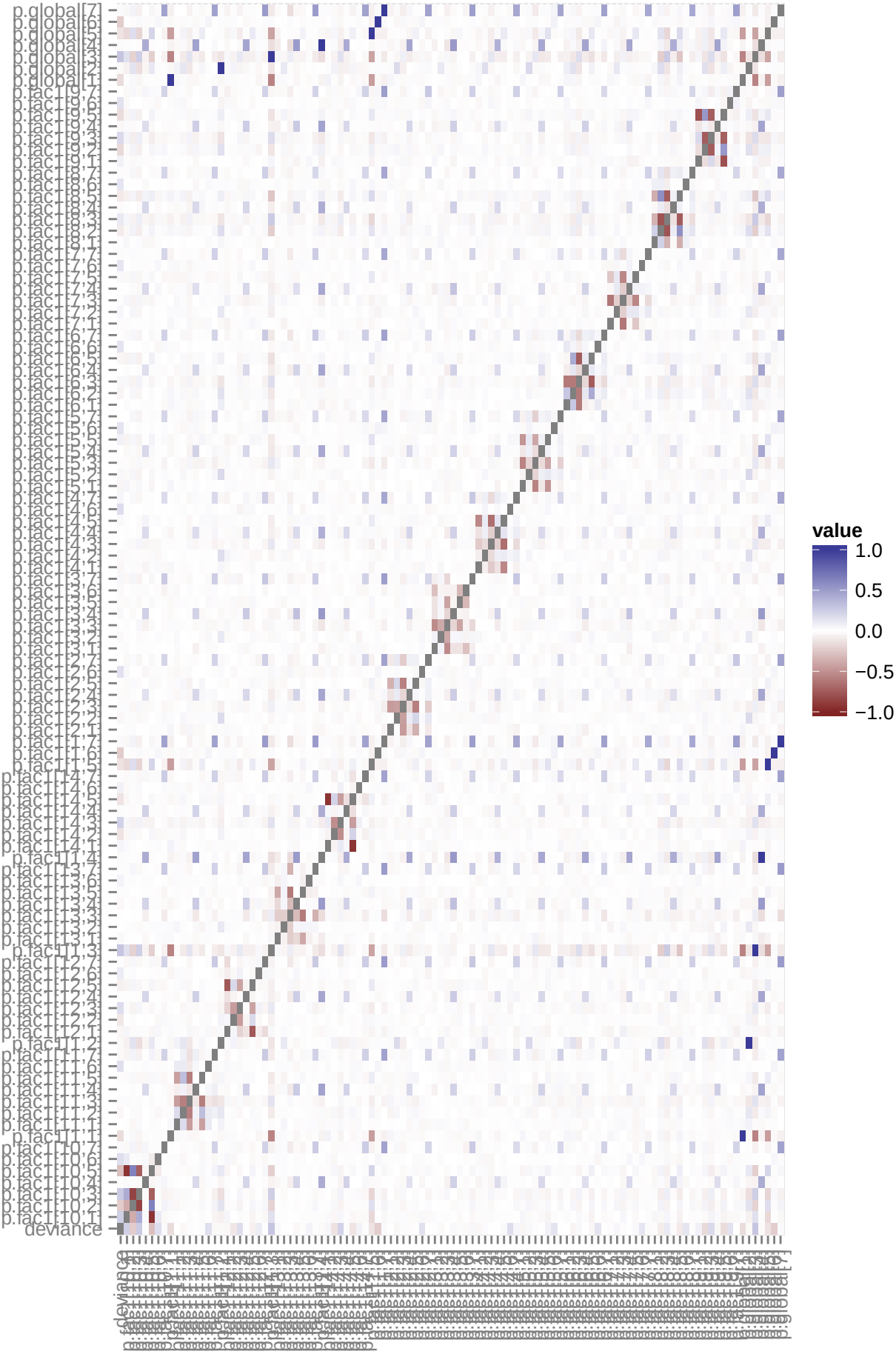

1
2
3
p.fac1[8,1]
p.fac1[8,2]
p.fac1[8,3]
p.fac1[8,4]
p.fac1[8,5]
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3

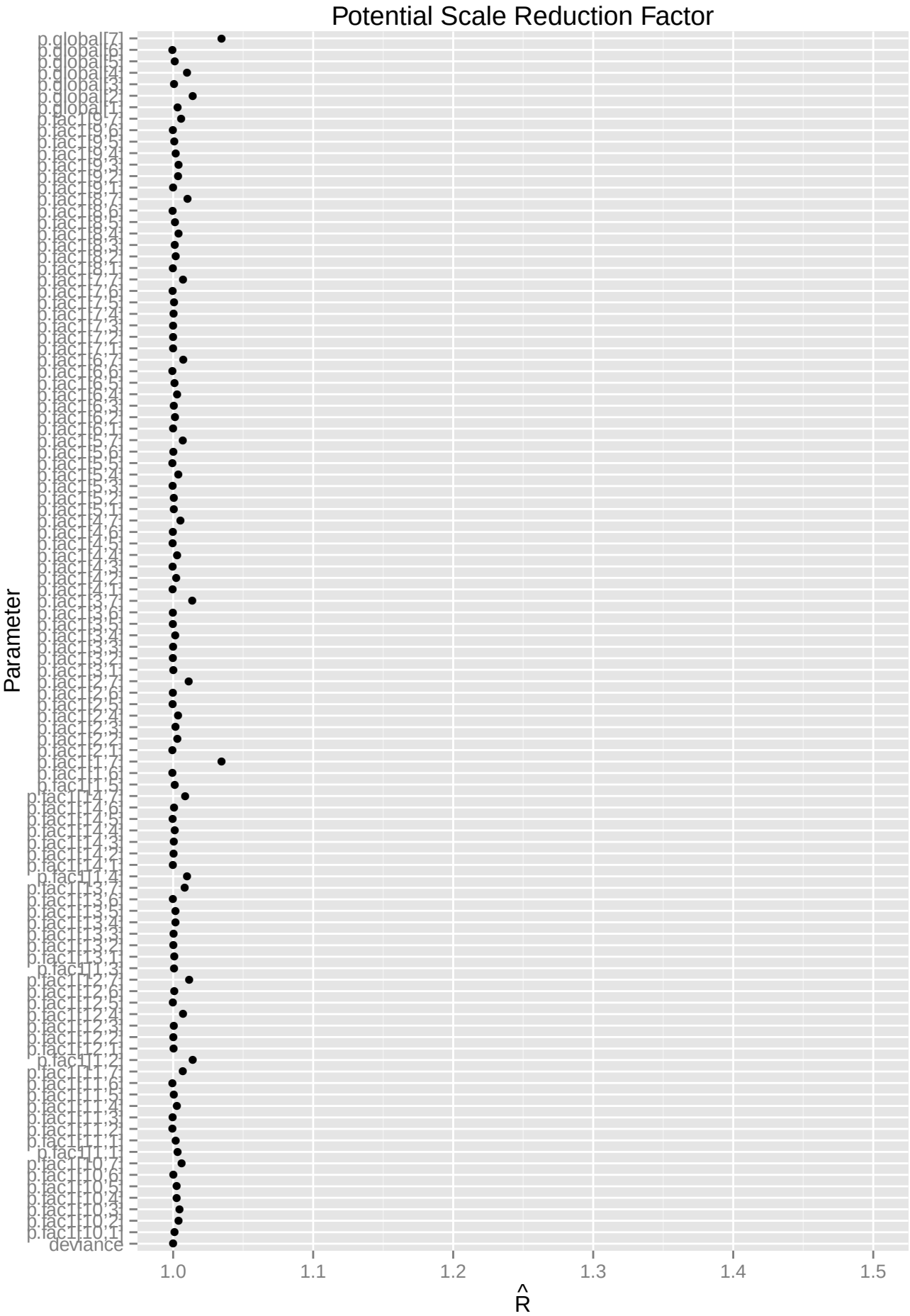

1
2
3
p.fac1[8,6]
p.fac1[8,7]
p.fac1[9,1]
p.fac1[9,2]
p.fac1[9,3]
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3


1
2
3
p.fac1[9,4]
p.fac1[9,5]
p.fac1[9,6]
p.fac1[9,7]
p.global[1]
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
p.global[2]
p.global[3]
p.global[4]
p.global[5]
p.global[6]
Autocorrelation
Lag
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Chain
1
2
3


1
2
3
1.0
0.5
0.0
−0.5
−1.0
Autocorrelation
0
10
20
30
40
50
Lag
p.global[7]
Chain
1
2
3


value
1.0
0.5
0.0
−0.5
−1.0
deviance


Potential Scale Reduction Factor
Parameter
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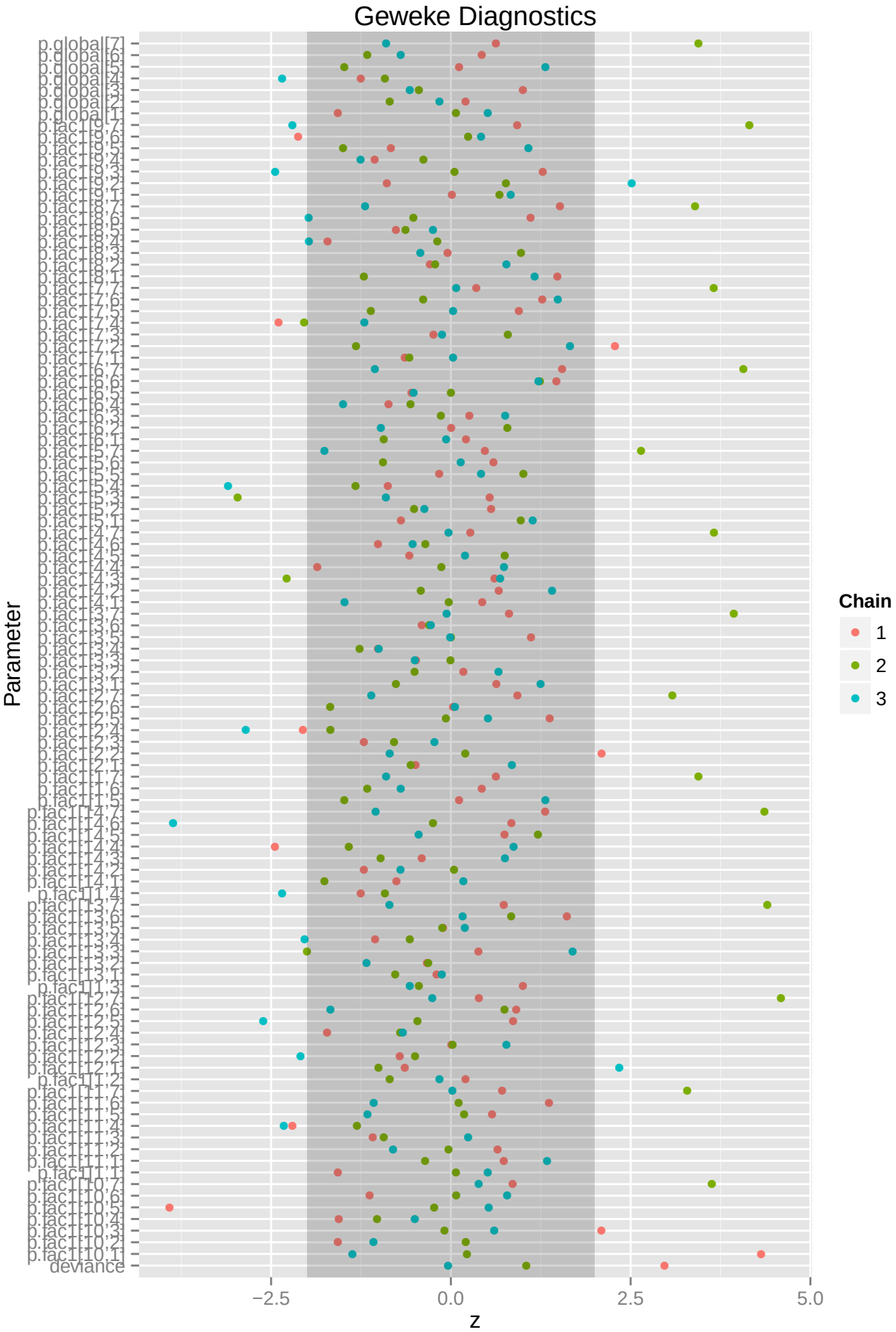
p.global[6]
p.global[5]
p.global[4]
p.global[3]
p.global[2]
p.global[1]
p.tac1[9,7]
p.tac1[9,6]
p.tac1[9,5]
p.tac1[9,4]
p.tac1[9,3]
p.tac1[9,2]
p.tac1[9,1]
p.tac1[8,7]
p.tac1[8,6]
p.tac1[8,5]
p.tac1[8,4]
p.tac1[8,3]
p.tac1[8,2]
p.tac1[8,1]
p.tac1[7,7]
p.tac1[7,6]
p.tac1[7,5]
p.tac1[7,4]
p.tac1[7,3]
p.tac1[7,2]
p.tac1[7,1]
p.tac1[6,7]
p.tac1[6,6]
p.tac1[6,5]
p.tac1[6,4]
p.tac1[6,3]
p.tac1[6,2]
p.tac1[6,1]
p.tac1[5,7]
p.tac1[5,6]
p.tac1[5,5]
p.tac1[5,4]
p.tac1[5,3]
p.tac1[5,2]
p.tac1[5,1]
p.tac1[4,7]
p.tac1[4,6]
p.tac1[4,5]
p.tac1[4,4]
p.tac1[4,3]
p.tac1[4,2]
p.tac1[4,1]
p.tac1[3,7]
p.tac1[3,6]
p.tac1[3,5]
p.tac1[3,4]
p.tac1[3,3]
p.tac1[3,2]
p.tac1[3,1]
p.tac1[2,7]
p.tac1[2,6]
p.tac1[2,5]
p.tac1[2,4]
p.tac1[2,3]
p.tac1[2,2]
p.tac1[2,1]
p.tac1[1,7]
p.tac1[1,6]
p.tac1[1,5]
p.tac1[14,7]
p.tac1[14,6]
p.tac1[14,5]
p.tac1[14,4]
p.tac1[14,3]
p.tac1[14,2]
p.tac1[14,1]
p.tac1[11,4]
p.tac1[13,7]
p.tac1[13,6]
p.tac1[13,5]
p.tac1[13,4]
p.tac1[13,3]
p.tac1[13,2]
p.tac1[13,1]
p.tac1[11,3]
p.tac1[12,7]
p.tac1[12,6]
p.tac1[12,5]
p.tac1[12,4]
p.tac1[12,3]
p.tac1[12,2]
p.tac1[12,1]
p.tac1[11,2]
p.tac1[11,7]
p.tac1[11,6]
p.tac1[11,5]
p.tac1[11,4]
p.tac1[11,3]
p.tac1[11,2]
p.tac1[11,1]
p.tac1[11,1]
p.tac1[10,7]
p.tac1[10,6]
p.tac1[10,5]
p.tac1[10,4]
p.tac1[10,3]
p.tac1[10,2]
p.tac1[10,1]
deviance
1.0
1.1
1.2
1.3
1.4
1.5
R̂


Geweke Diagnostics
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p.global[5]
p.global[4]
p.global[3]
p.global[2]
p.global[1]
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p.fac1[9,6]
p.fac1[9,5]
p.fac1[9,4]
p.fac1[9,3]
p.fac1[9,2]
p.fac1[9,1]
p.fac1[8,7]
p.fac1[8,6]
p.fac1[8,5]
p.fac1[8,4]
p.fac1[8,3]
p.fac1[8,2]
p.fac1[8,1]
p.fac1[7,7]
p.fac1[7,6]
p.fac1[7,5]
p.fac1[7,4]
p.fac1[7,3]
p.fac1[7,2]
p.fac1[7,1]
p.fac1[6,7]
p.fac1[6,6]
p.fac1[6,5]
p.fac1[6,4]
p.fac1[6,3]
p.fac1[6,2]
p.fac1[6,1]
p.fac1[5,7]
p.fac1[5,6]
p.fac1[5,5]
p.fac1[5,4]
p.fac1[5,3]
p.fac1[5,2]
p.fac1[5,1]
p.fac1[4,7]
p.fac1[4,6]
p.fac1[4,5]
p.fac1[4,4]
p.fac1[4,3]
p.fac1[4,2]
p.fac1[4,1]
p.fac1[3,7]
p.fac1[3,6]
p.fac1[3,5]
p.fac1[3,4]
p.fac1[3,3]
p.fac1[3,2]
p.fac1[3,1]
p.fac1[2,7]
p.fac1[2,6]
p.fac1[2,5]
p.fac1[2,4]
p.fac1[2,3]
p.fac1[2,2]
p.fac1[2,1]
p.fac1[1,7]
p.fac1[1,6]
p.fac1[1,5]
p.fac1[14,7]
p.fac1[14,6]
p.fac1[14,5]
p.fac1[14,4]
p.fac1[14,3]
p.fac1[14,2]
p.fac1[14,1]
p.fac1[11,4]
p.fac1[13,7]
p.fac1[13,6]
p.fac1[13,5]
p.fac1[13,4]
p.fac1[13,3]
p.fac1[13,2]
p.fac1[13,1]
p.fac1[11,3]
p.fac1[12,7]
p.fac1[12,6]
p.fac1[12,5]
p.fac1[12,4]
p.fac1[12,3]
p.fac1[12,2]
p.fac1[12,1]
p.fac1[11,2]
p.fac1[11,7]
p.fac1[11,6]
p.fac1[11,5]
p.fac1[11,4]
p.fac1[11,3]
p.fac1[11,2]
p.fac1[11,1]
p.fac1[11,1]
p.fac1[10,7]
p.fac1[10,6]
p.fac1[10,5]
p.fac1[10,4]
p.fac1[10,3]
p.fac1[10,2]
p.fac1[10,1]
deviance
−2.5
0.0
2.5
5.0
z
Chain
1
2
3