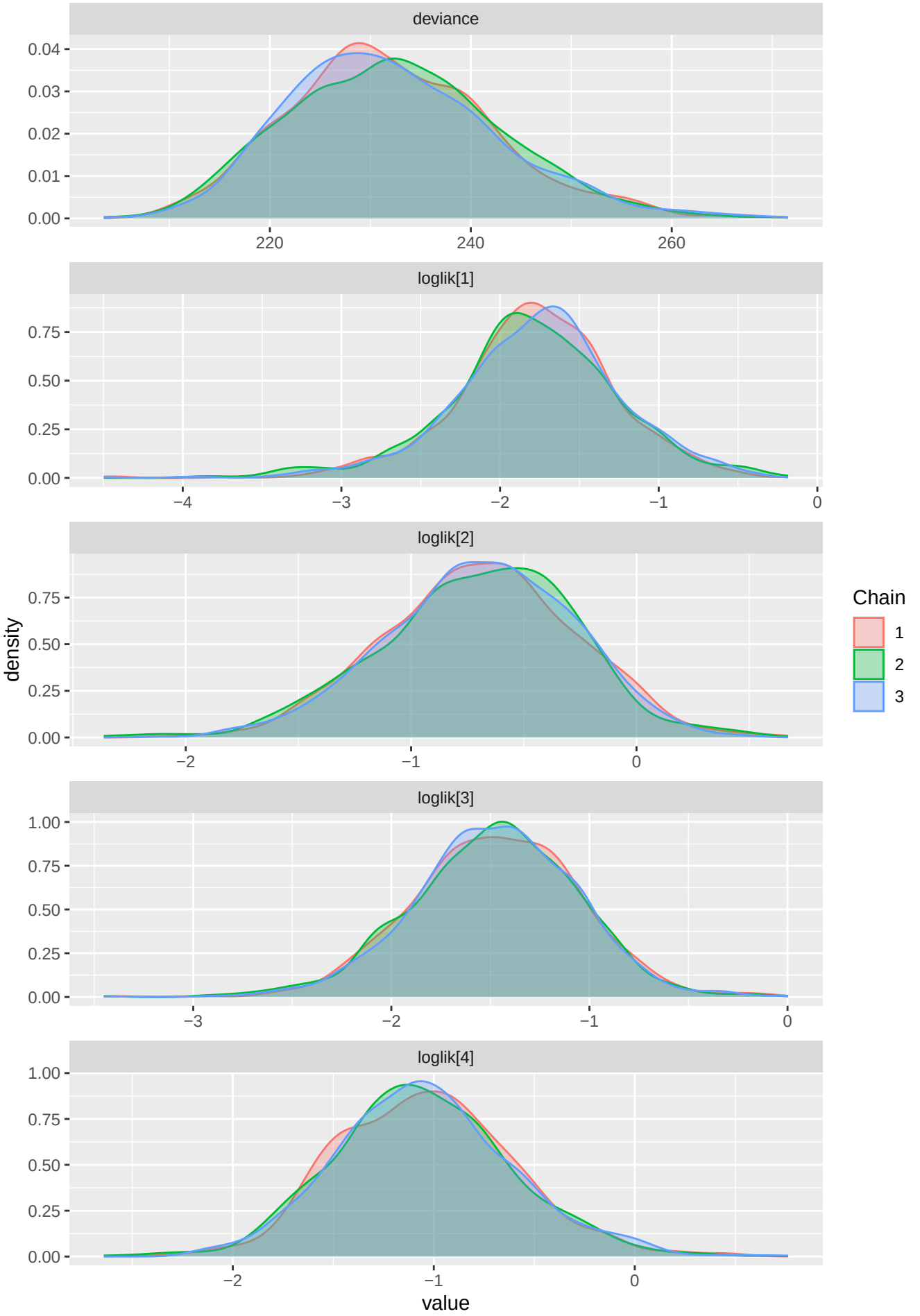
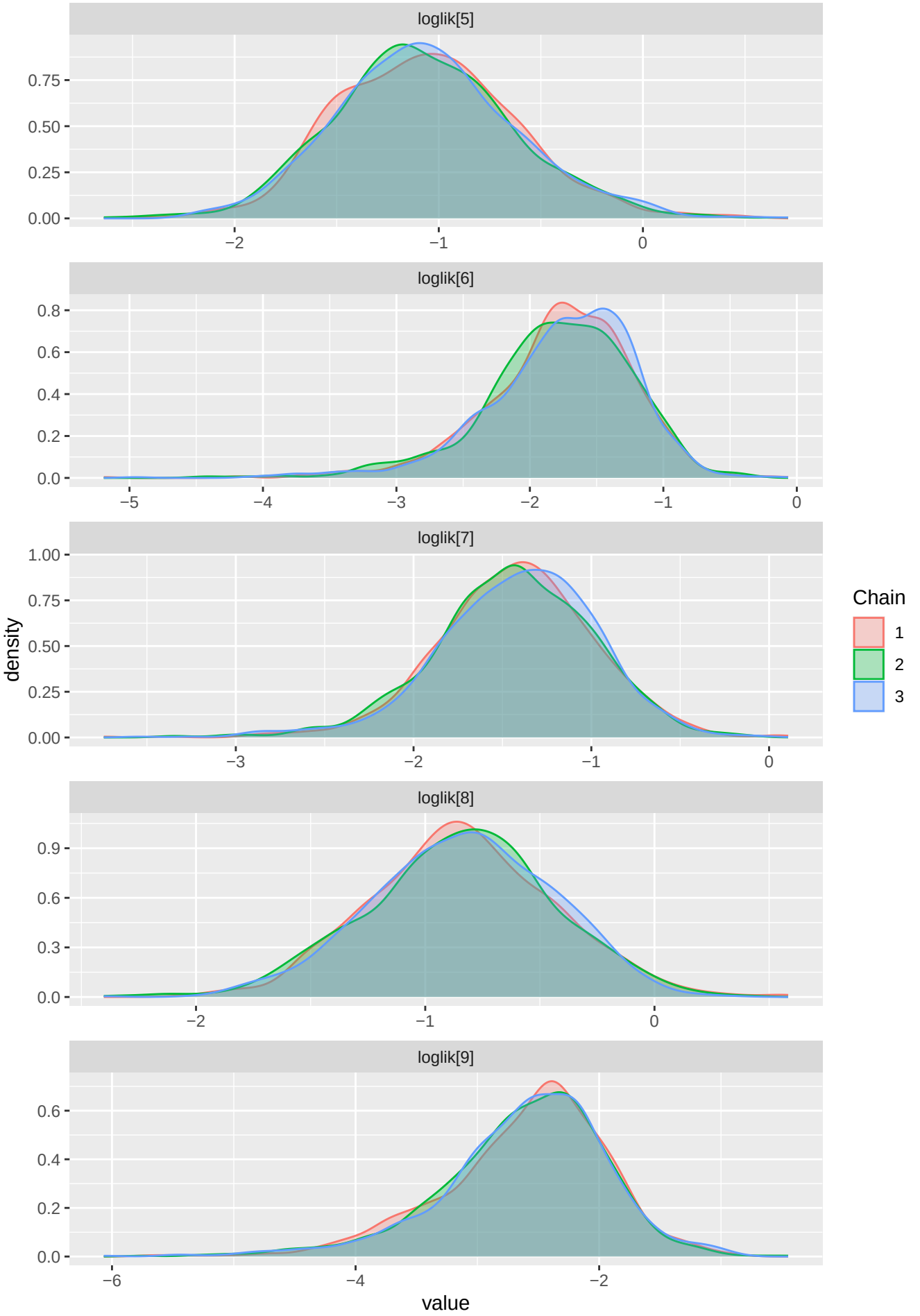
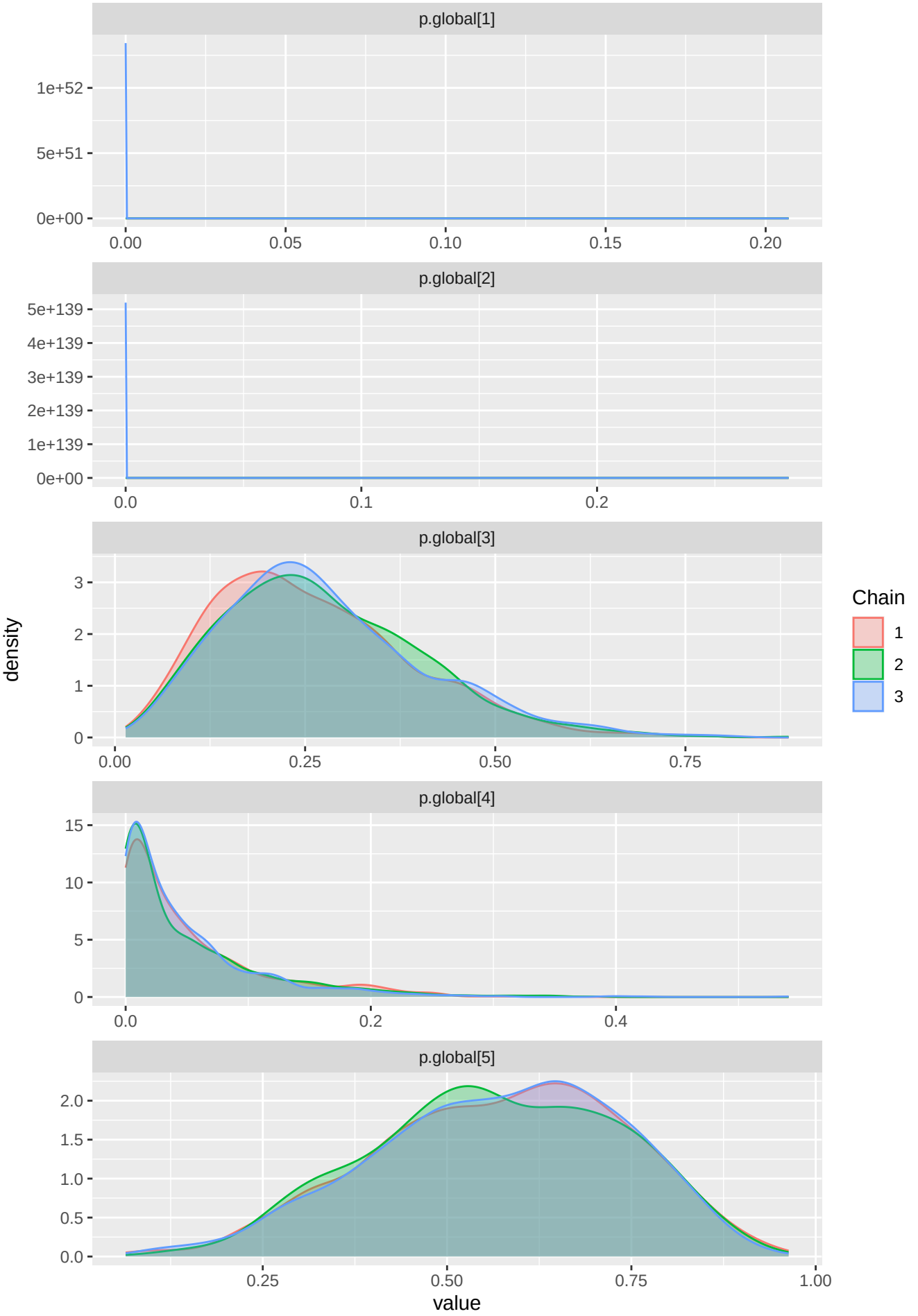
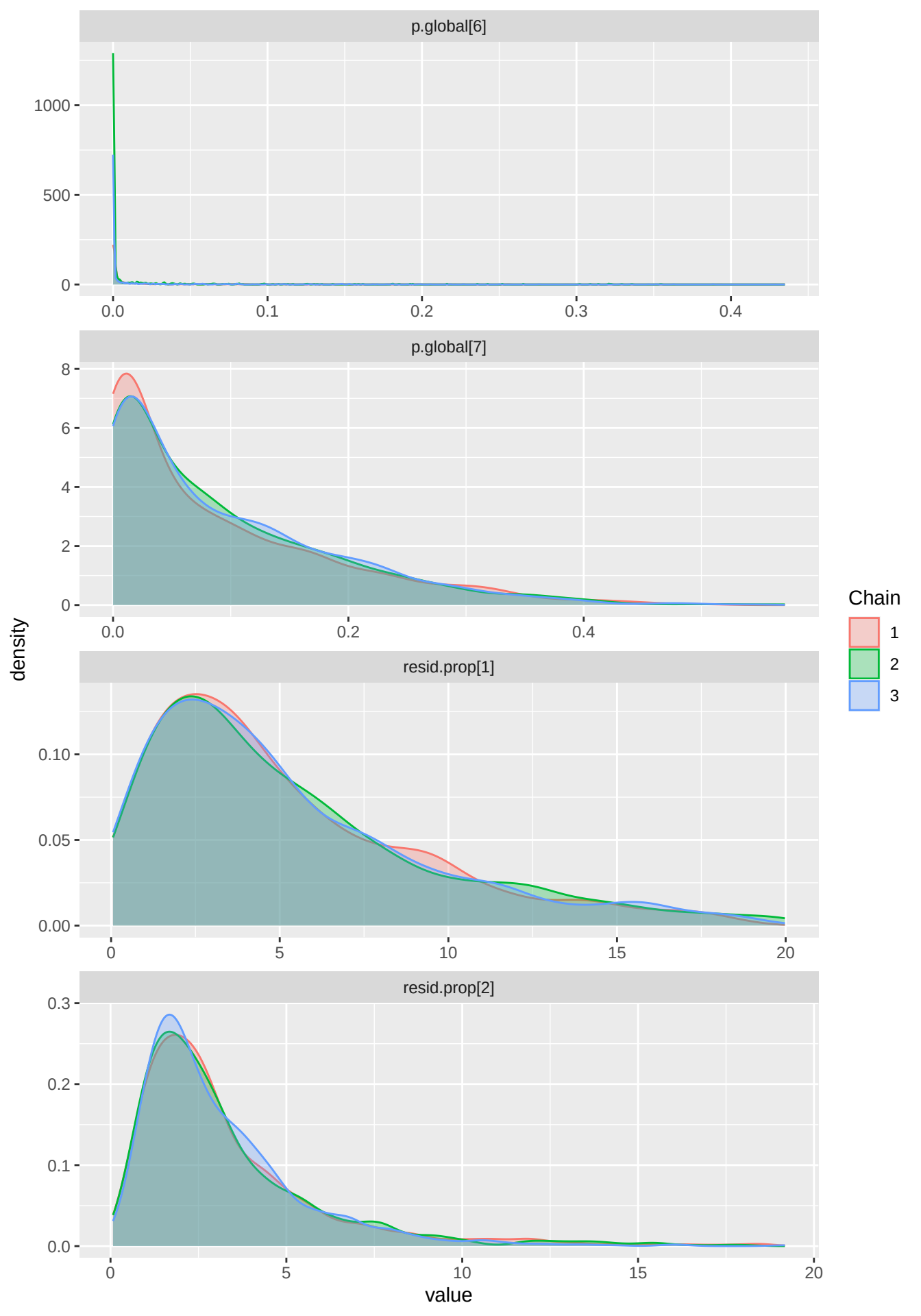
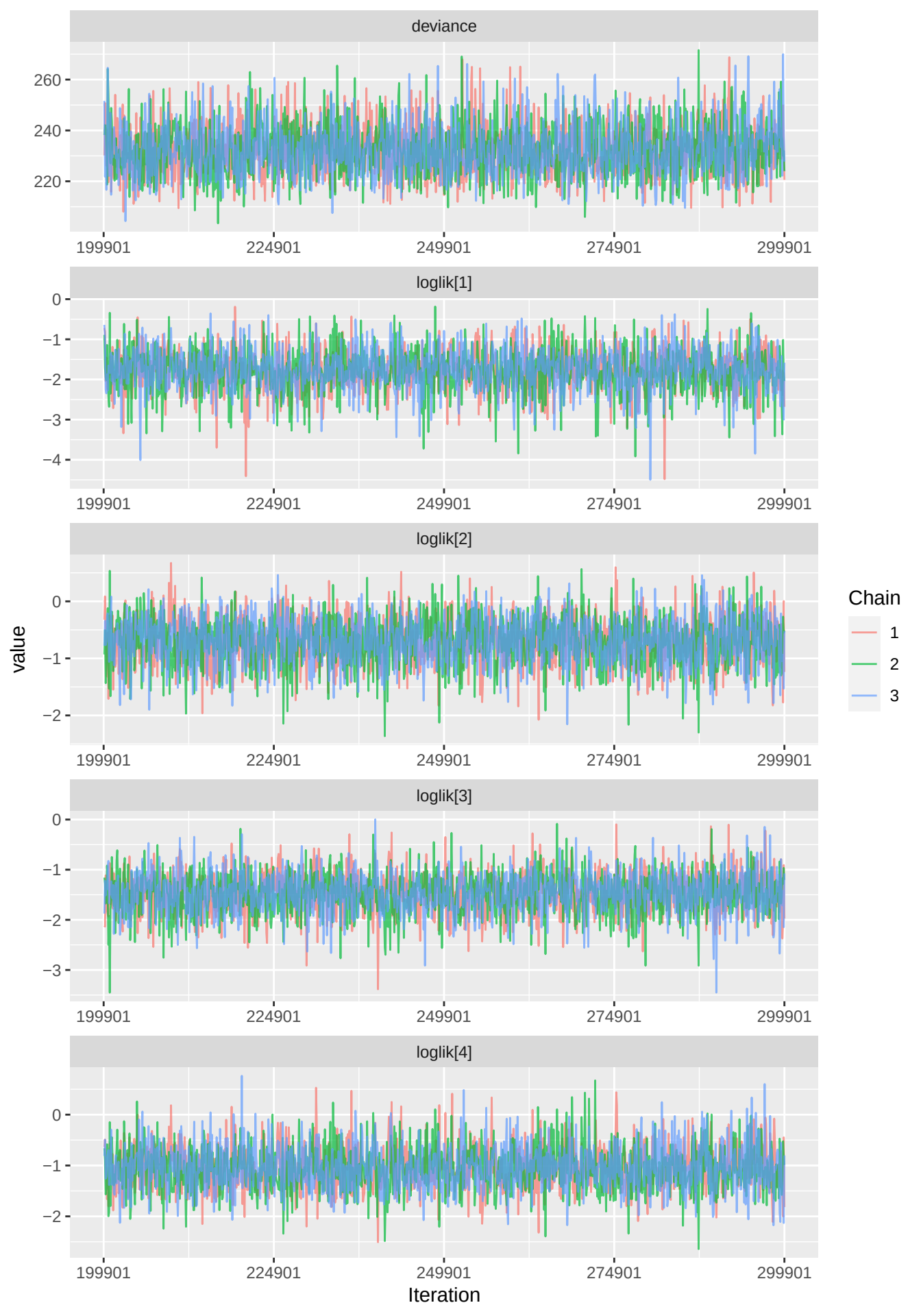
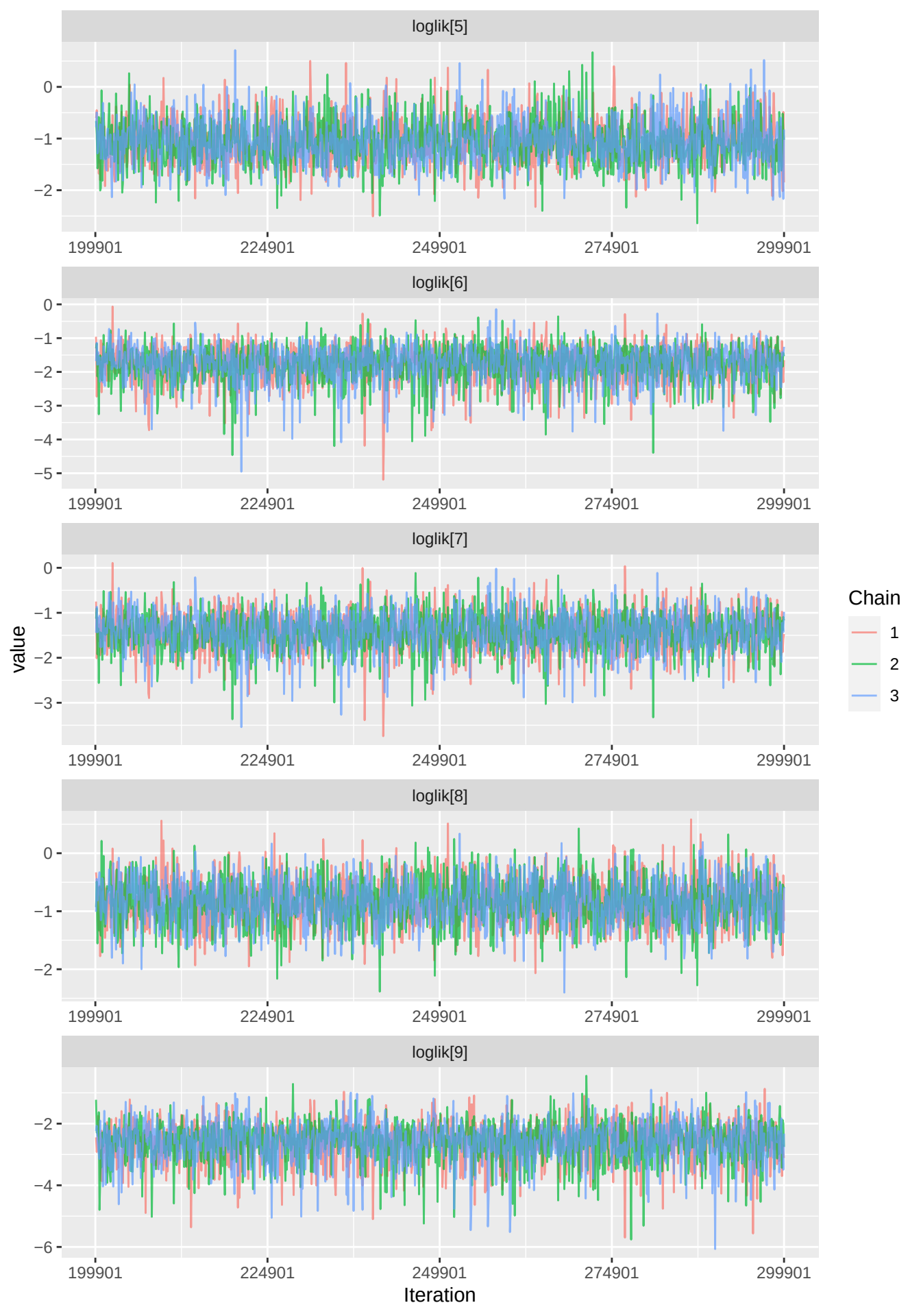

deviance
0.04
0.03
0.02
0.01
0.00
220
240
260
loglik[1]
0.75
0.50
0.25
0.00
−4
−3
−2
−1
0
loglik[2]
0.75
0.50
0.25
0.00
−2
−1
0
density
loglik[3]
1.00
0.75
0.50
0.25
0.00
−3
−2
−1
0
loglik[4]
1.00
0.75
0.50
0.25
0.00
−2
−1
0
value
Chain
1
2
3

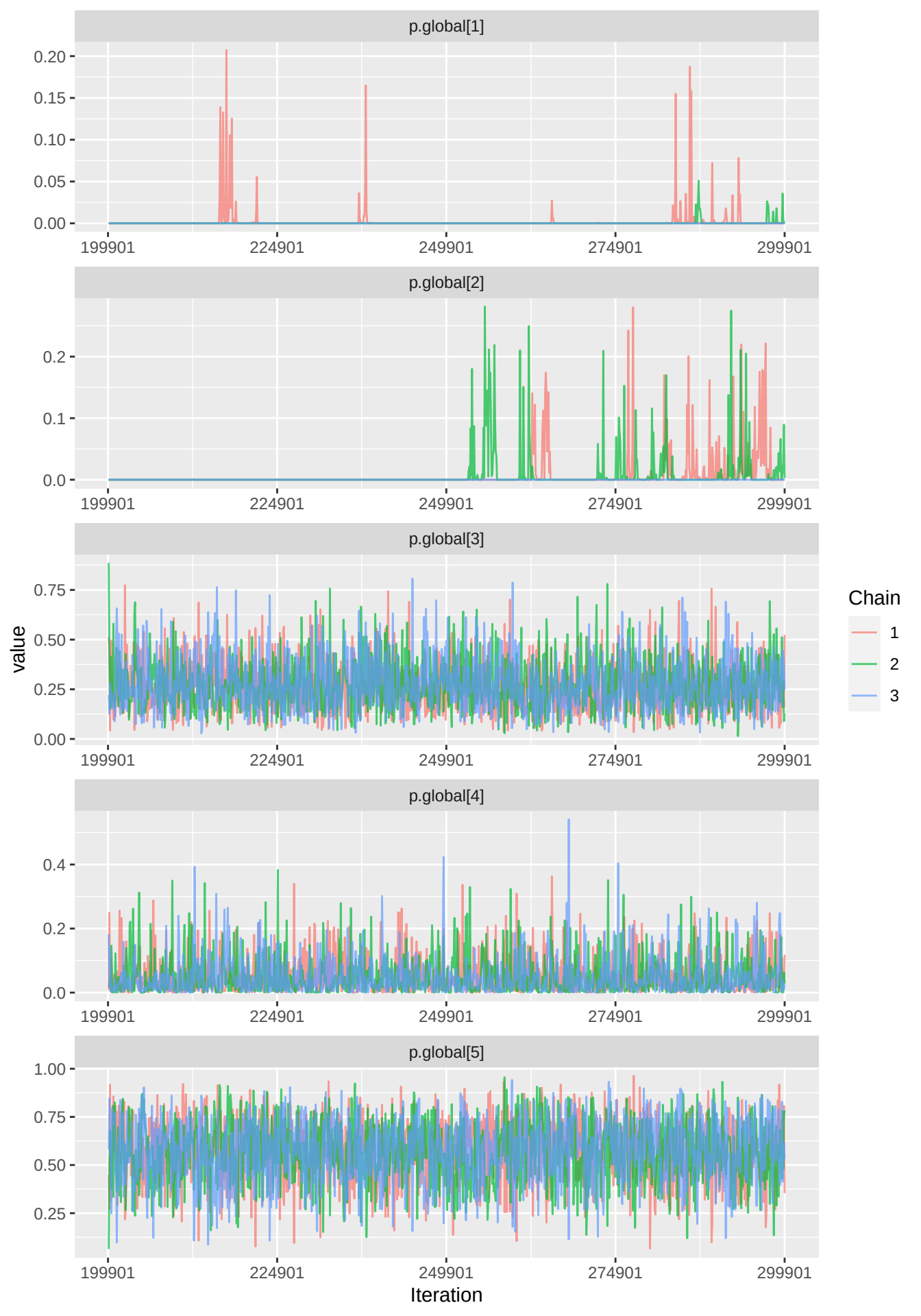

loglik[5]
loglik[6]
loglik[7]
loglik[8]
loglik[9]
density
value
Chain
1
2
3

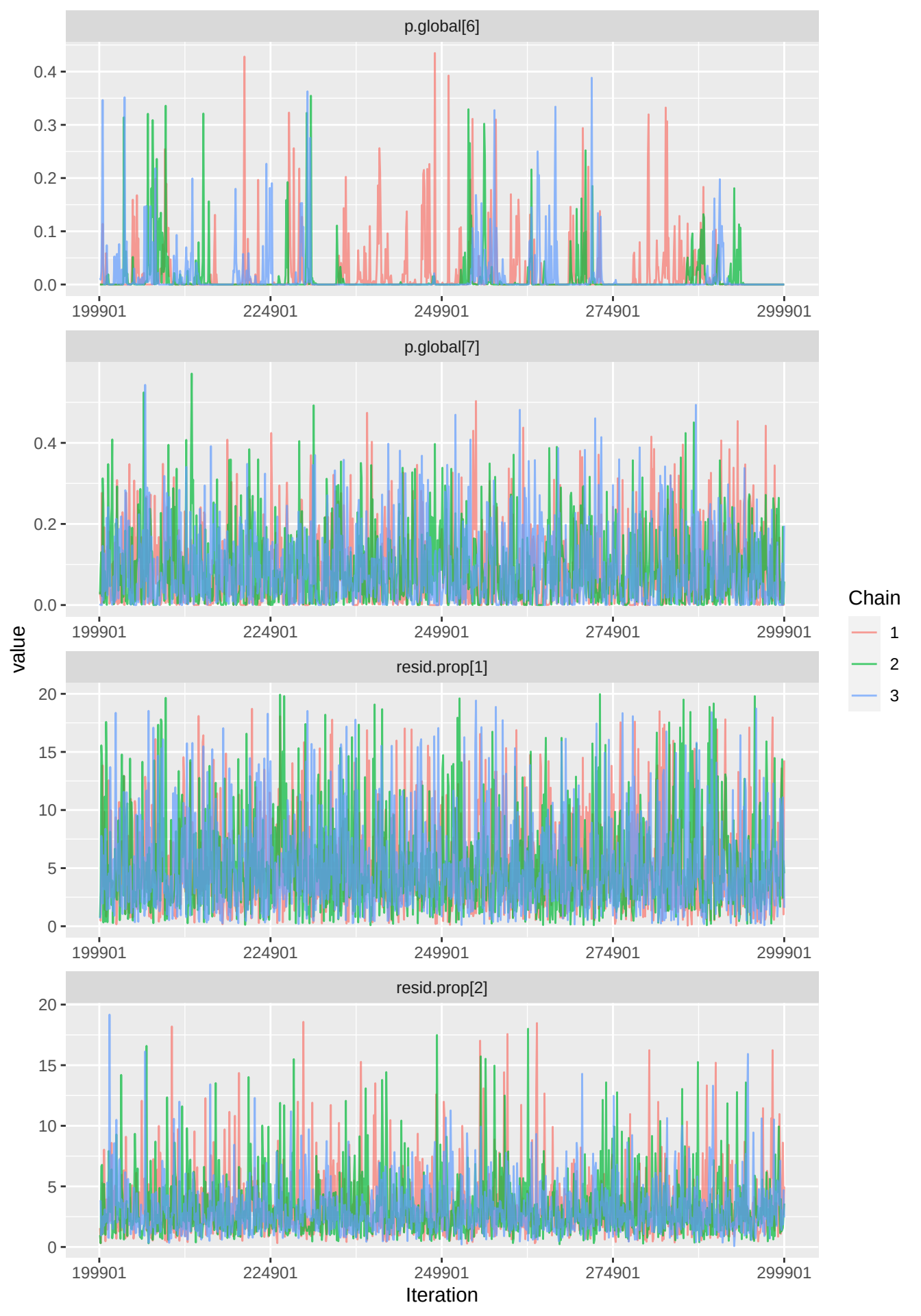

p.global[1]
1e+52
5e+51
0e+00
0.00
0.05
0.10
0.15
0.20
p.global[2]
5e+139
4e+139
3e+139
2e+139
1e+139
0e+00
0.0
0.1
0.2
p.global[3]
3
2
1
0
0.00
0.25
0.50
0.75
p.global[4]
15
10
5
0
0.0
0.2
0.4
p.global[5]
2.0
1.5
1.0
0.5
0.0
0.25
0.50
0.75
1.00
density
value
Chain
1
2
3

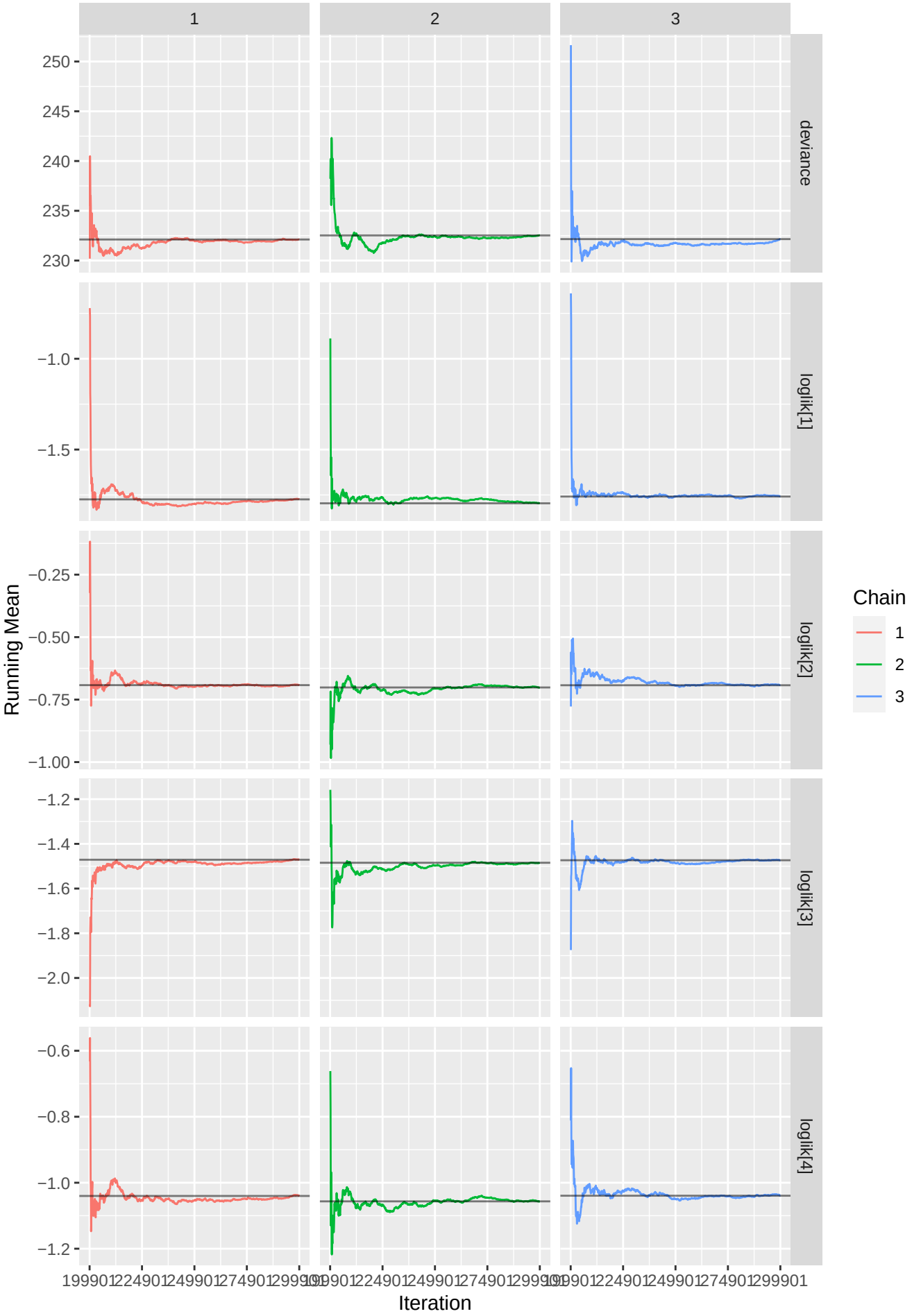

p.global[6]
1000
500
0
0.0
0.1
0.2
0.3
0.4
p.global[7]
8
6
4
2
0
0.0
0.2
0.4
density
resid.prop[1]
0.10
0.05
0.00
0
5
10
15
20
resid.prop[2]
0.3
0.2
0.1
0.0
0
5
10
15
20
value
Chain
1
2
3

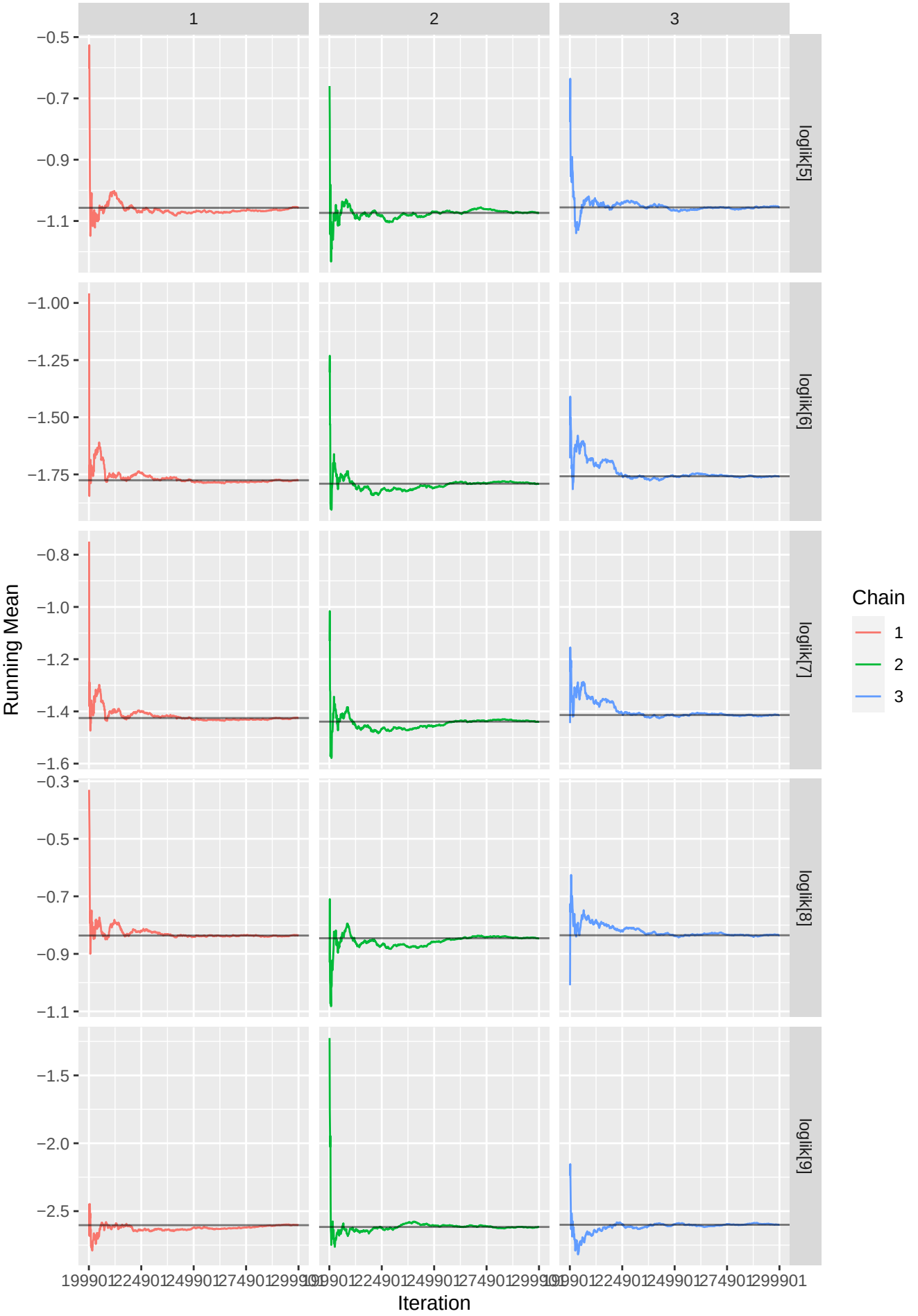

deviance
260
240
220
199901
224901
249901
274901
299901
loglik[1]
0
−1
−2
−3
−4
loglik[2]
loglik[3]
loglik[4]
value
Iteration
Chain
1
2
3

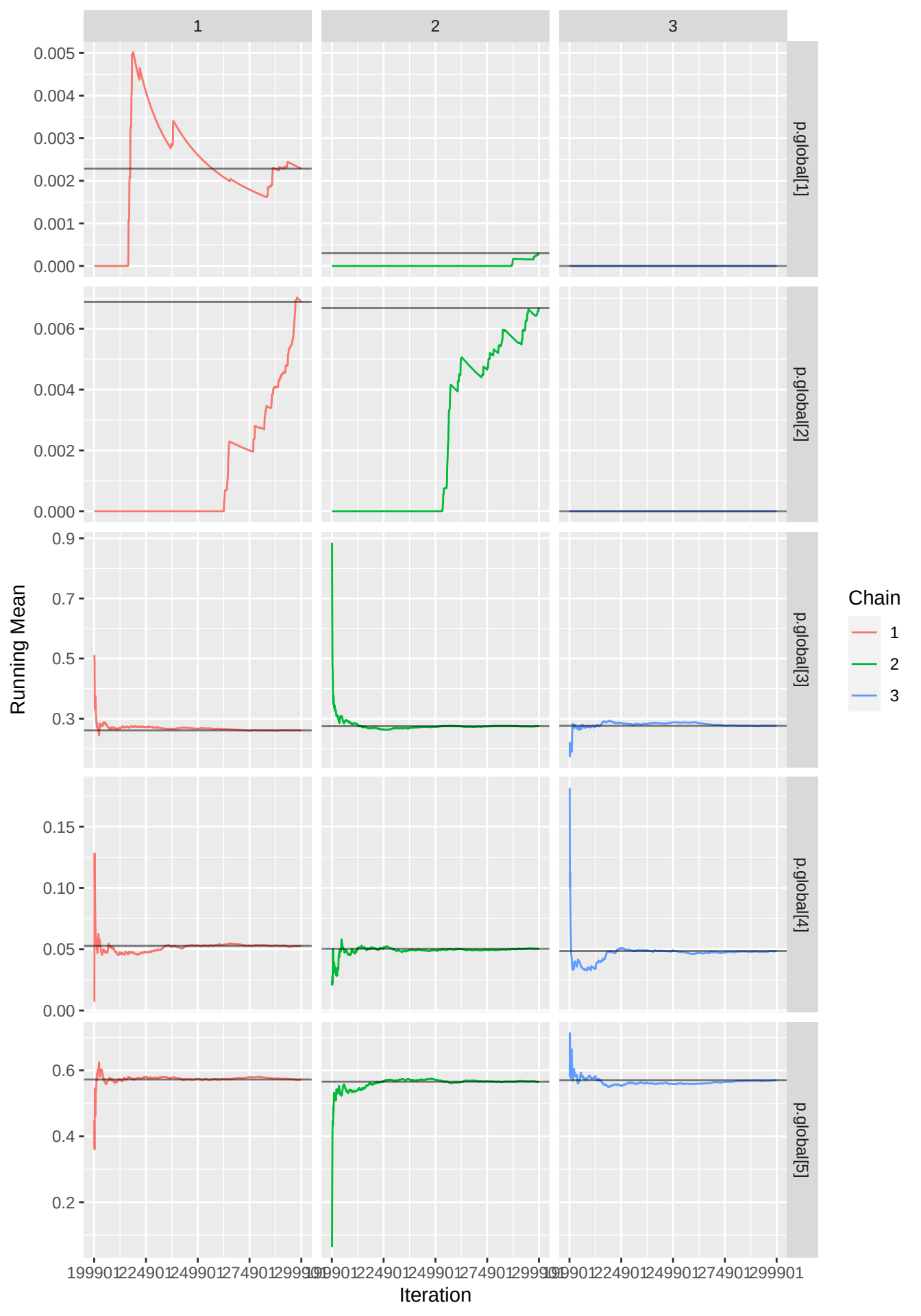

loglik[5]
loglik[6]
loglik[7]
loglik[8]
loglik[9]
value
Iteration
Chain
1
2
3
199901
224901
249901
274901
299901

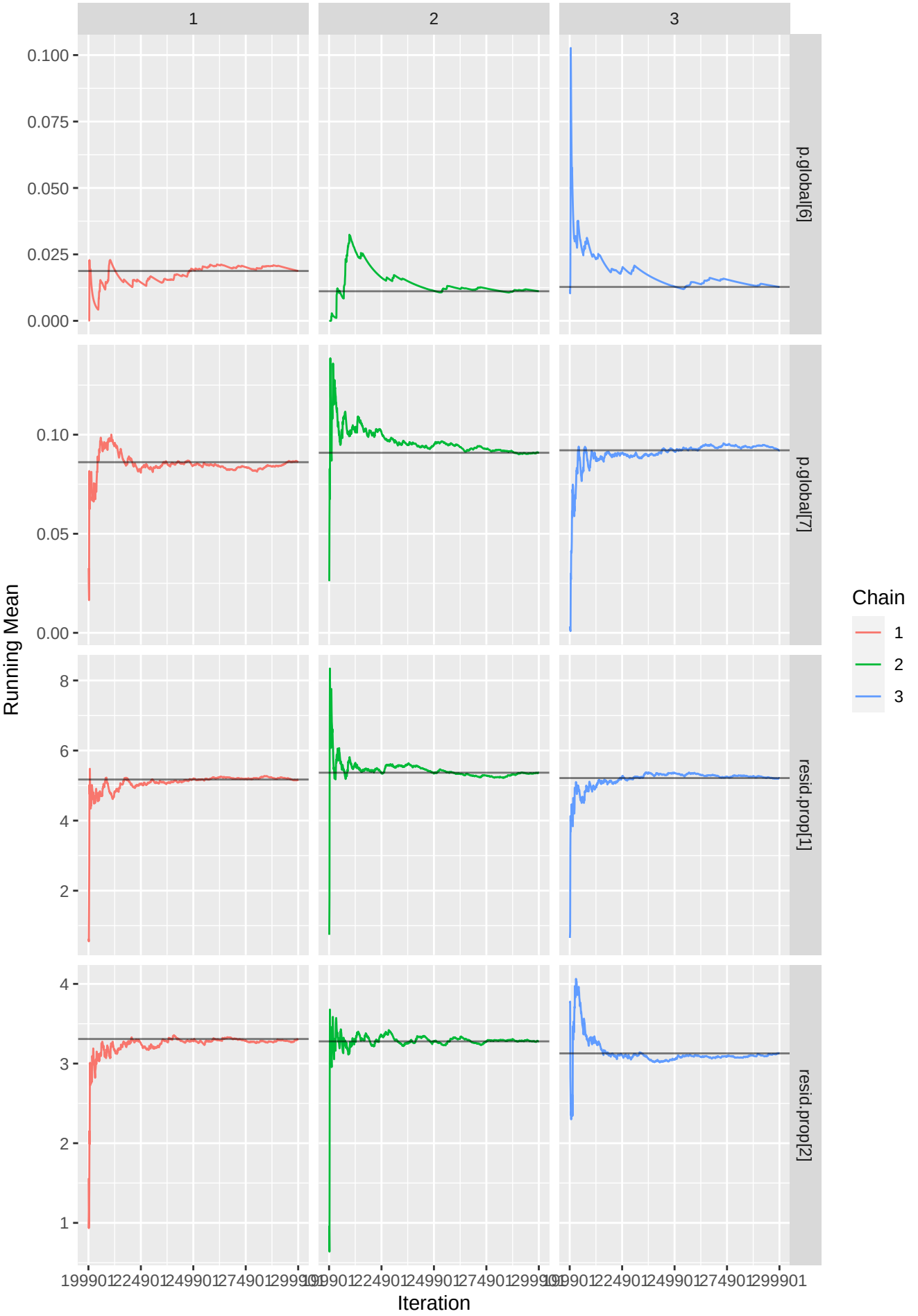

p.global[1]
p.global[2]
p.global[3]
p.global[4]
p.global[5]
value
Iteration
Chain
1
2
3
199901
224901
249901
274901
299901

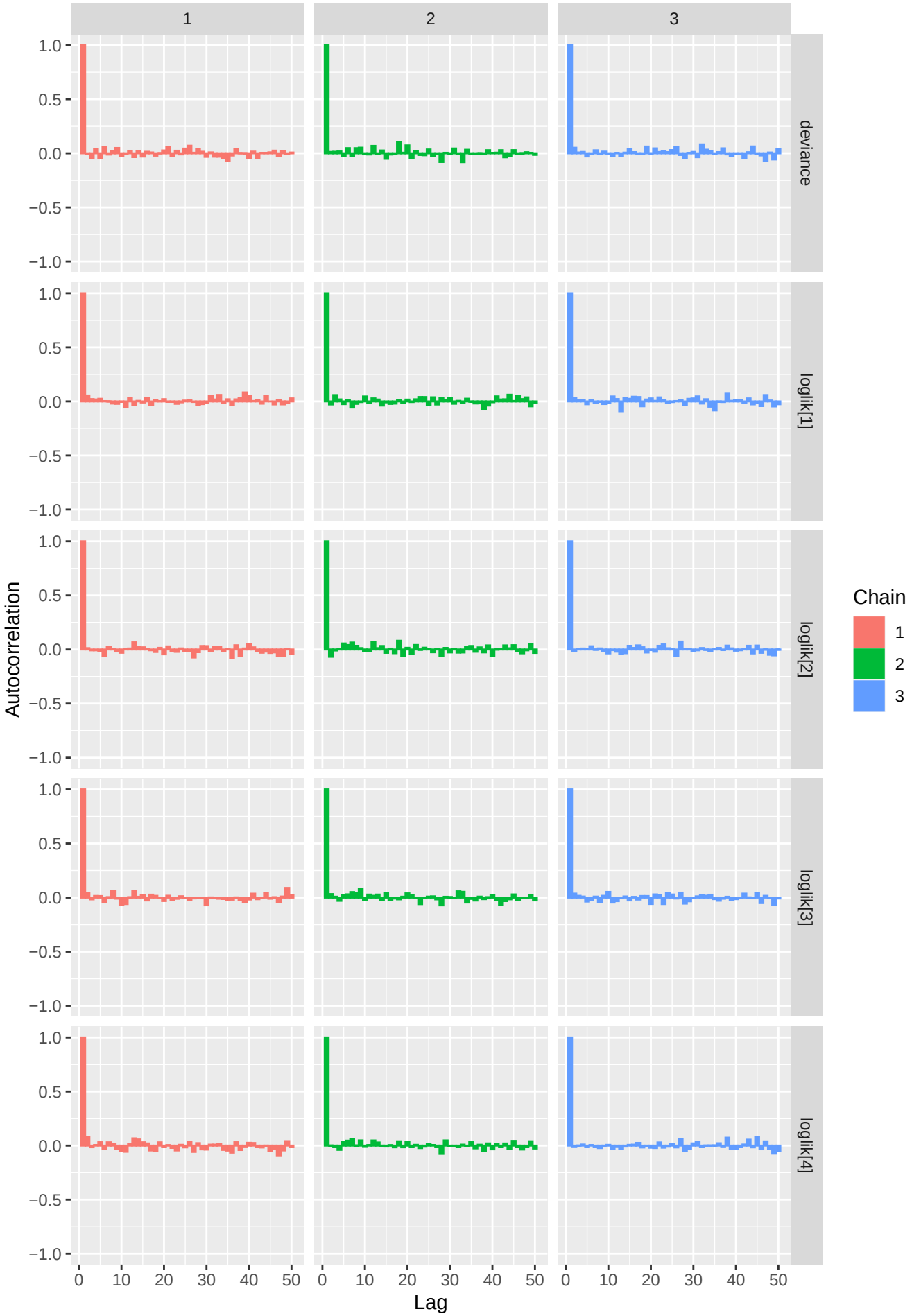

p.global[6]
p.global[7]
resid.prop[1]
resid.prop[2]
value
Iteration
Chain
1
2
3
0.0
0.1
0.2
0.3
0.4
0
5
10
15
20
199901
224901
249901
274901
299901

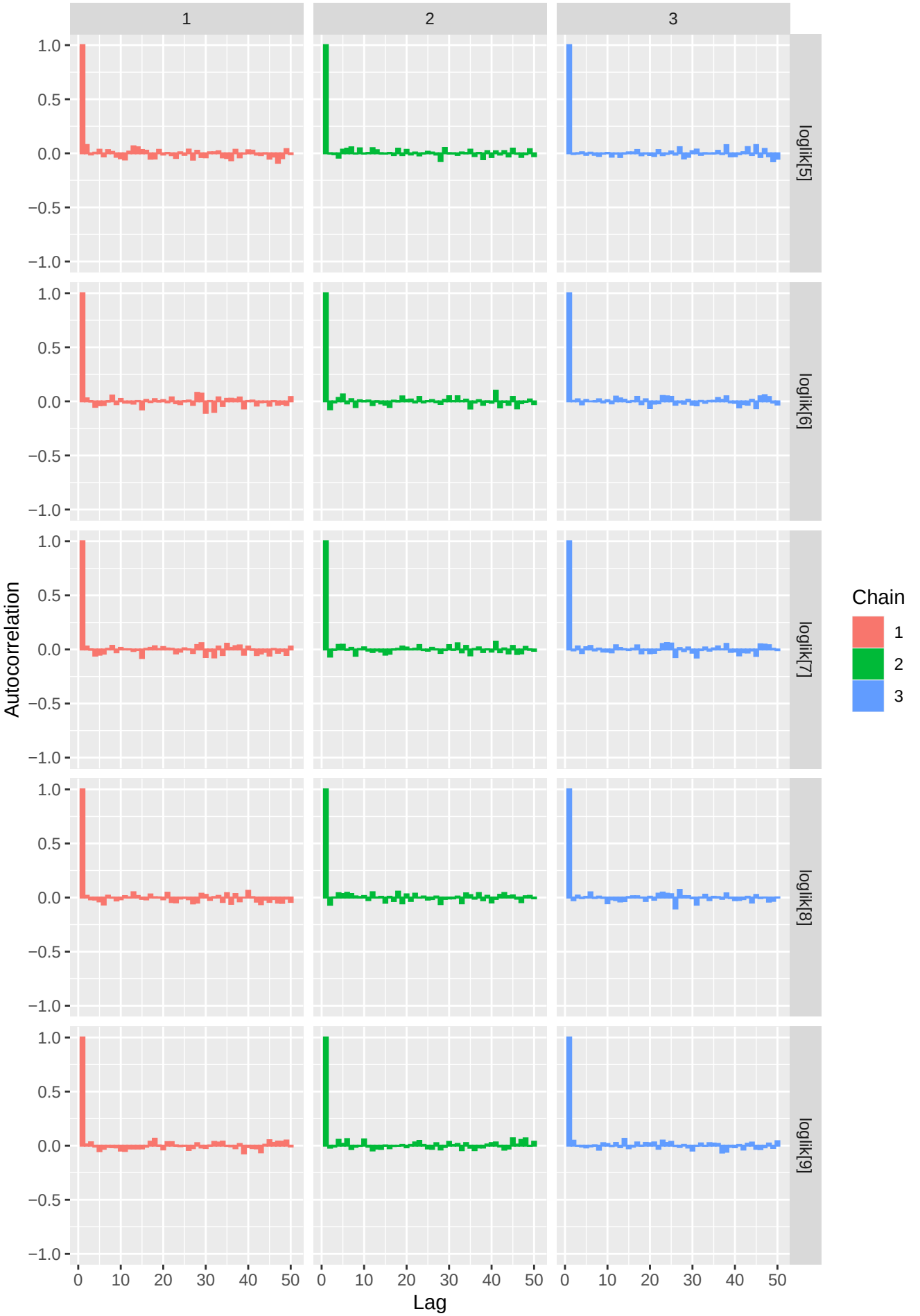

1
2
3
deviance
loglik[1]
loglik[2]
loglik[3]
loglik[4]
Running Mean
Iteration
Chain
1
2
3

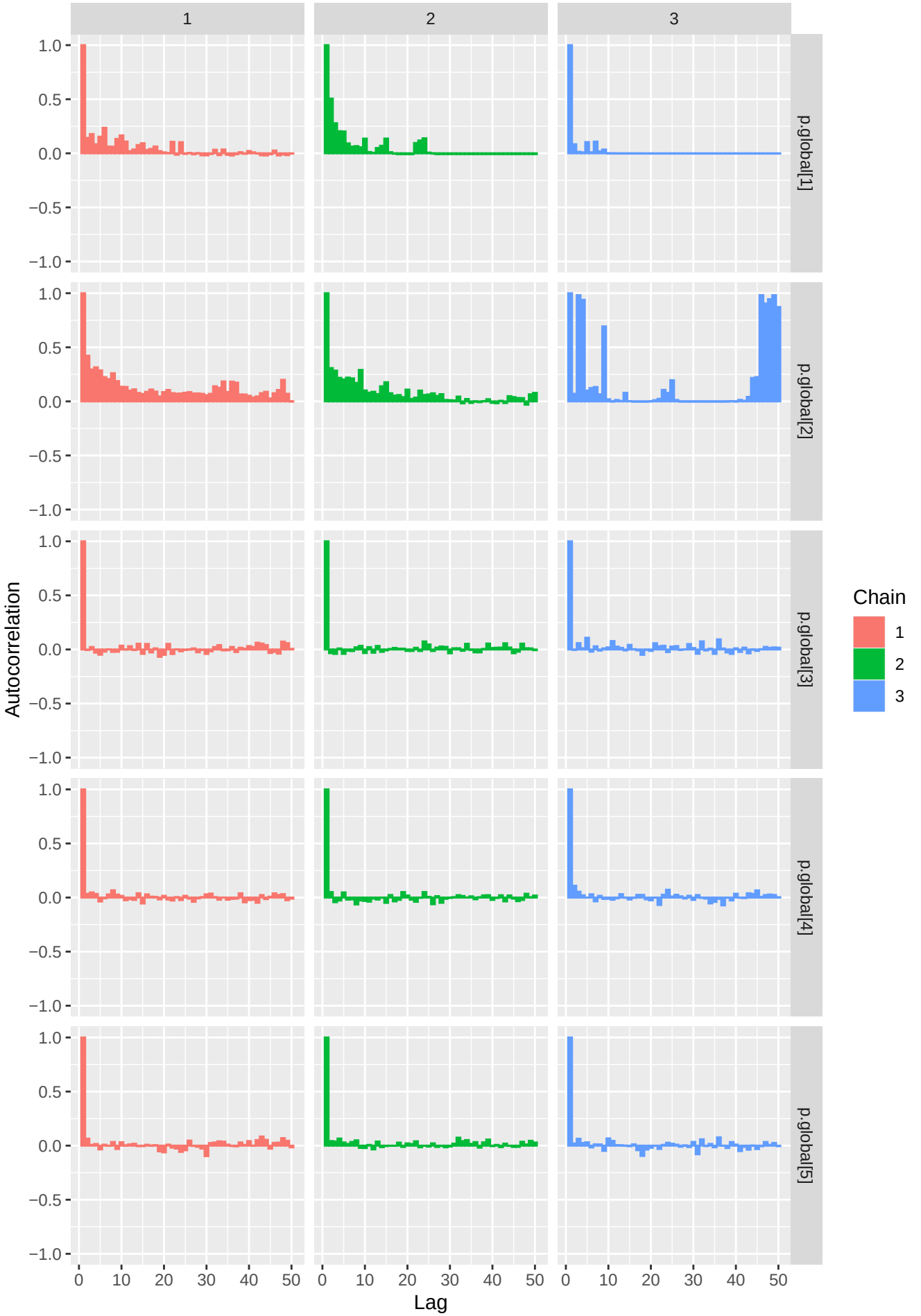

1
2
3
loglik[5]
loglik[6]
loglik[7]
loglik[8]
loglik[9]
Running Mean
Iteration
Chain
1
2
3

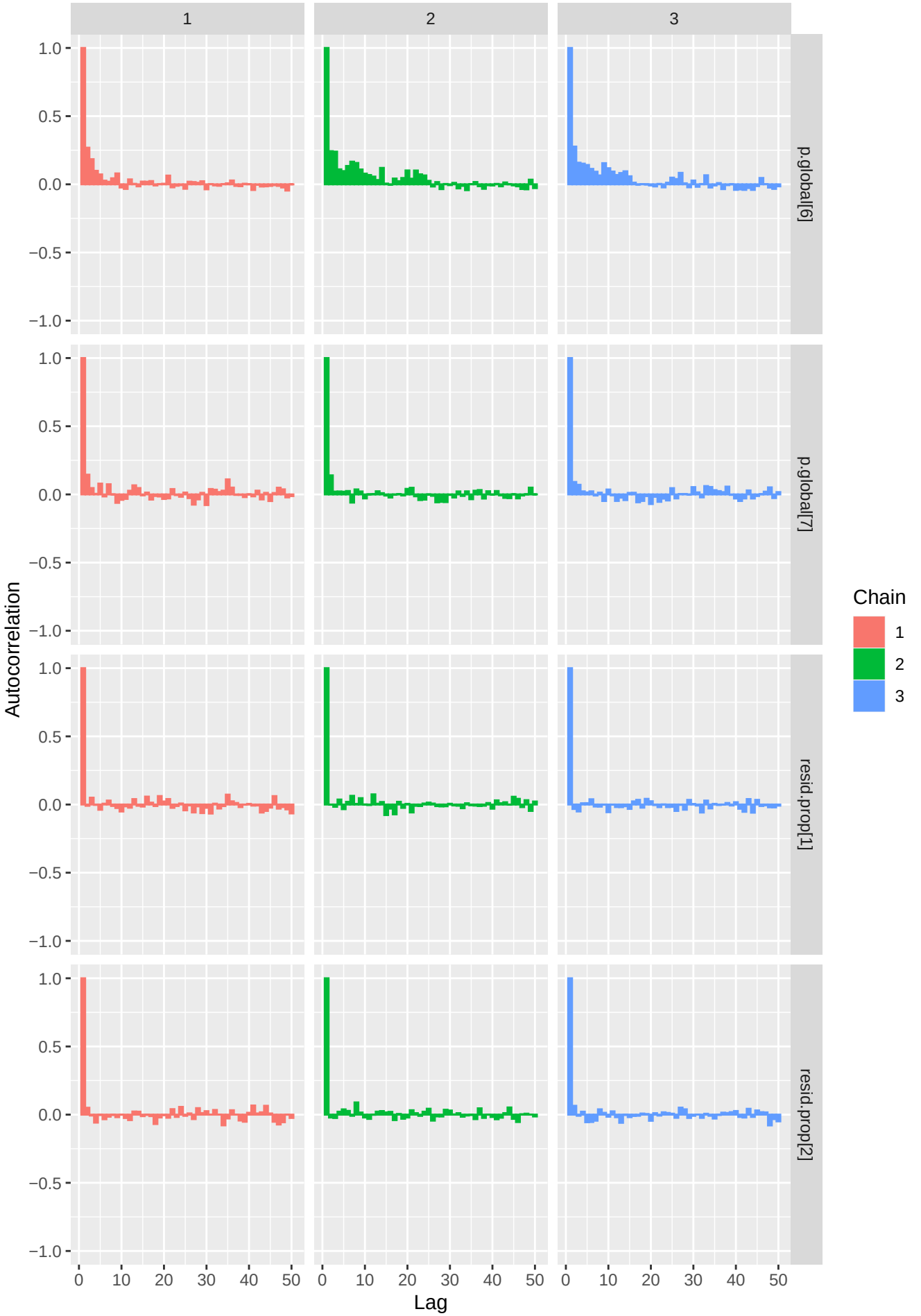

1
2
3
p.global[1]
p.global[2]
p.global[3]
p.global[4]
p.global[5]
0.005
0.004
0.003
0.002
0.001
0.000
0.006
0.004
0.002
0.000
0.9
0.7
0.5
0.3
0.15
0.10
0.05
0.00
0.6
0.4
0.2
Running Mean
Chain
1
2
3
199901
224901
249901
274901
299901
Iteration

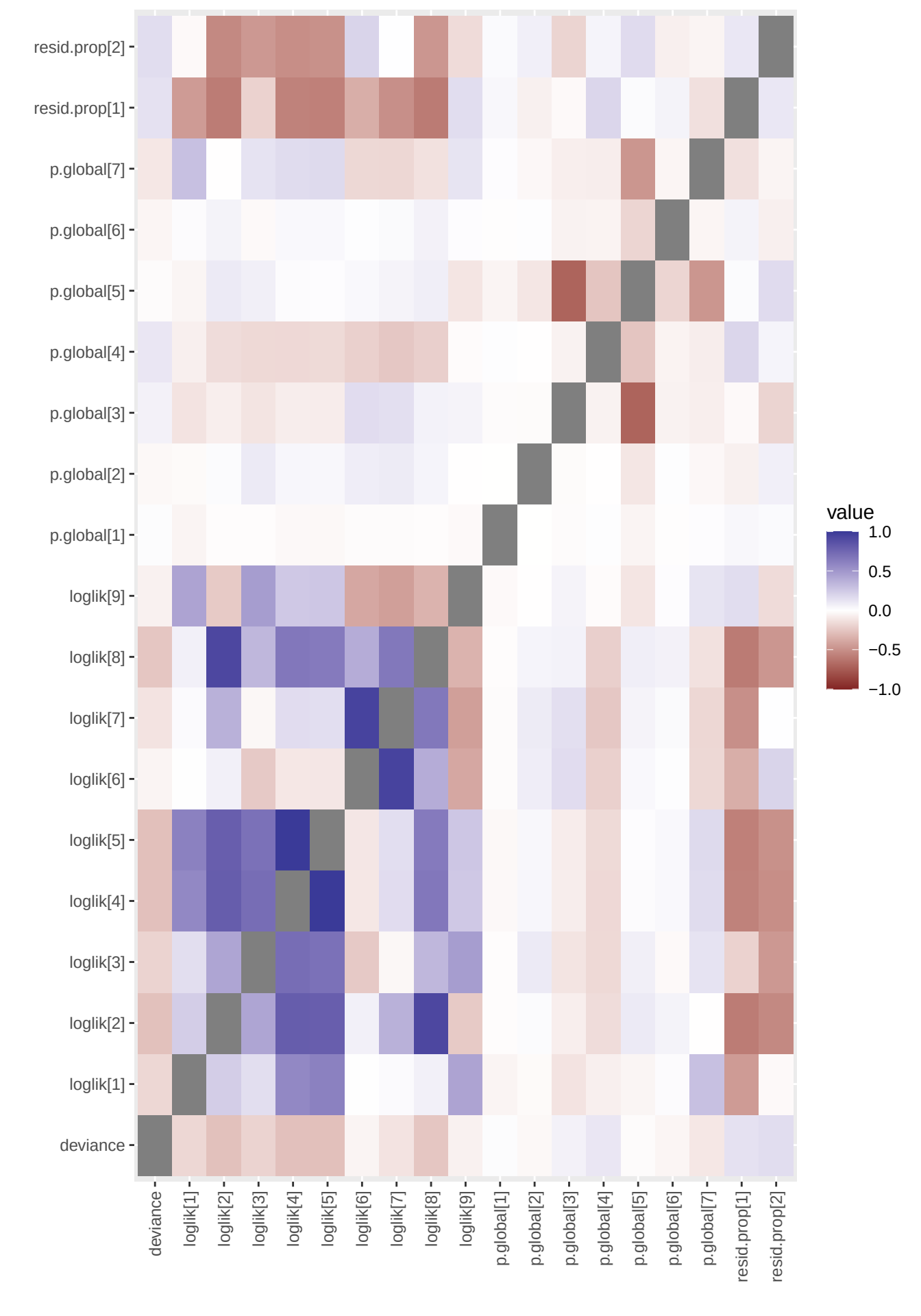

1
2
3
p.global[6]
p.global[7]
resid.prop[1]
resid.prop[2]
Running Mean
Iteration
Chain
1
2
3

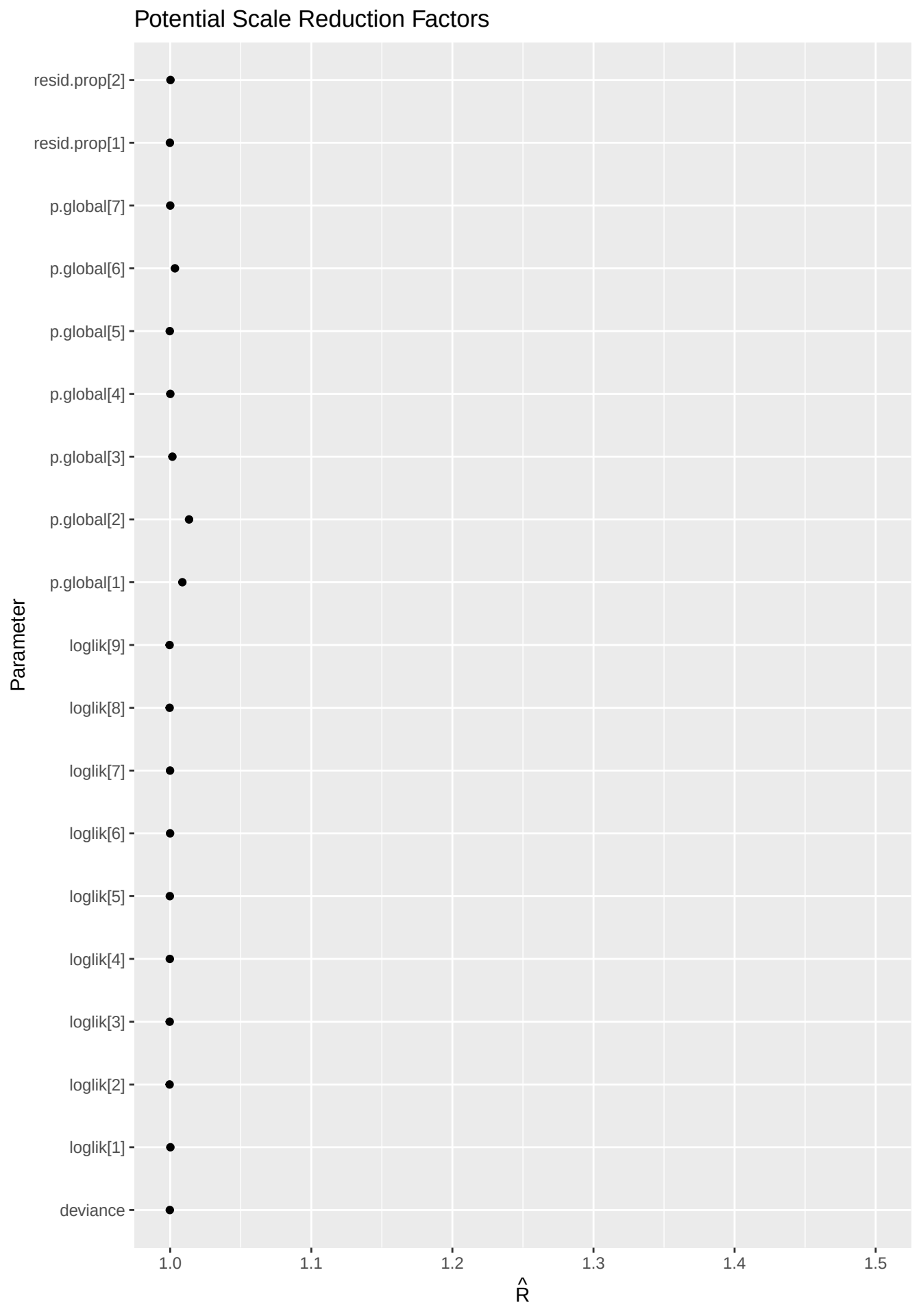

1
2
3
deviance
loglik[1]
loglik[2]
loglik[3]
loglik[4]
Autocorrelation
1.0
0.5
0.0
−0.5
−1.0
0
10
20
30
40
50
Lag
Chain
1
2
3

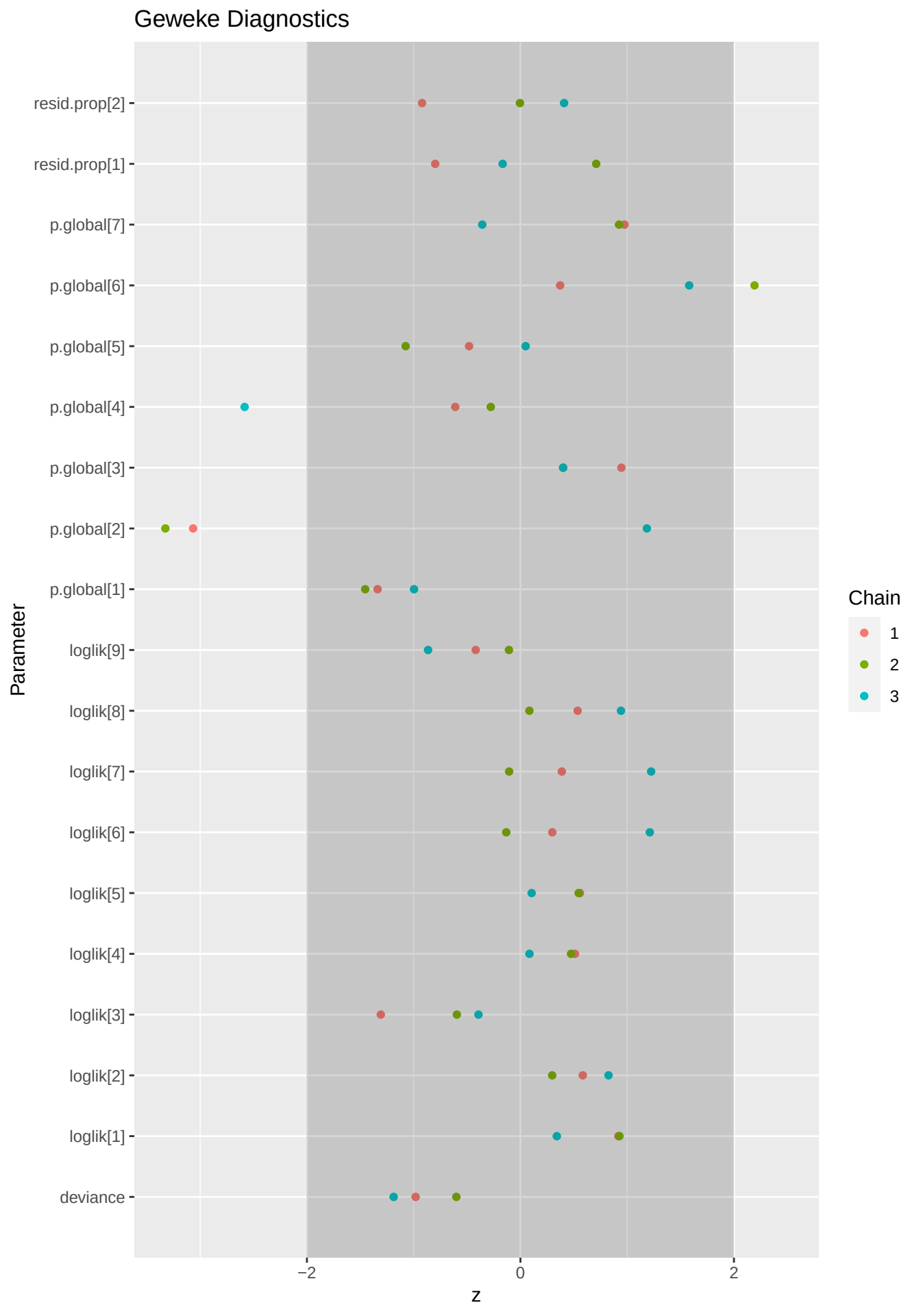

1
2
3
loglik[5]
loglik[6]
loglik[7]
loglik[8]
loglik[9]
Autocorrelation
Lag
Chain
1
2
3


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


resid.prop[2]
resid.prop[1]
p.global[7]
p.global[6]
p.global[5]
p.global[4]
p.global[3]
p.global[2]
p.global[1]
loglik[9]
loglik[8]
loglik[7]
loglik[6]
loglik[5]
loglik[4]
loglik[3]
loglik[2]
loglik[1]
deviance
deviance
loglik[1]
loglik[2]
loglik[3]
loglik[4]
loglik[5]
loglik[6]
loglik[7]
loglik[8]
loglik[9]
p.global[1]
p.global[2]
p.global[3]
p.global[4]
p.global[5]
p.global[6]
p.global[7]
resid.prop[1]
resid.prop[2]
value
1.0
0.5
0.0
−0.5
−1.0


Potential Scale Reduction Factors
resid.prop[2]
resid.prop[1]
p.global[7]
p.global[6]
p.global[5]
p.global[4]
p.global[3]
p.global[2]
p.global[1]
loglik[9]
loglik[8]
loglik[7]
loglik[6]
loglik[5]
loglik[4]
loglik[3]
loglik[2]
loglik[1]
deviance
Parameter
1.0
1.1
1.2
1.3
1.4
1.5
R̂


Geweke Diagnostics
resid.prop[2]
resid.prop[1]
p.global[7]
p.global[6]
p.global[5]
p.global[4]
p.global[3]
p.global[2]
p.global[1]
loglik[9]
loglik[8]
loglik[7]
loglik[6]
loglik[5]
loglik[4]
loglik[3]
loglik[2]
loglik[1]
deviance
Parameter
−2
0
2
z
Chain
1
2
3