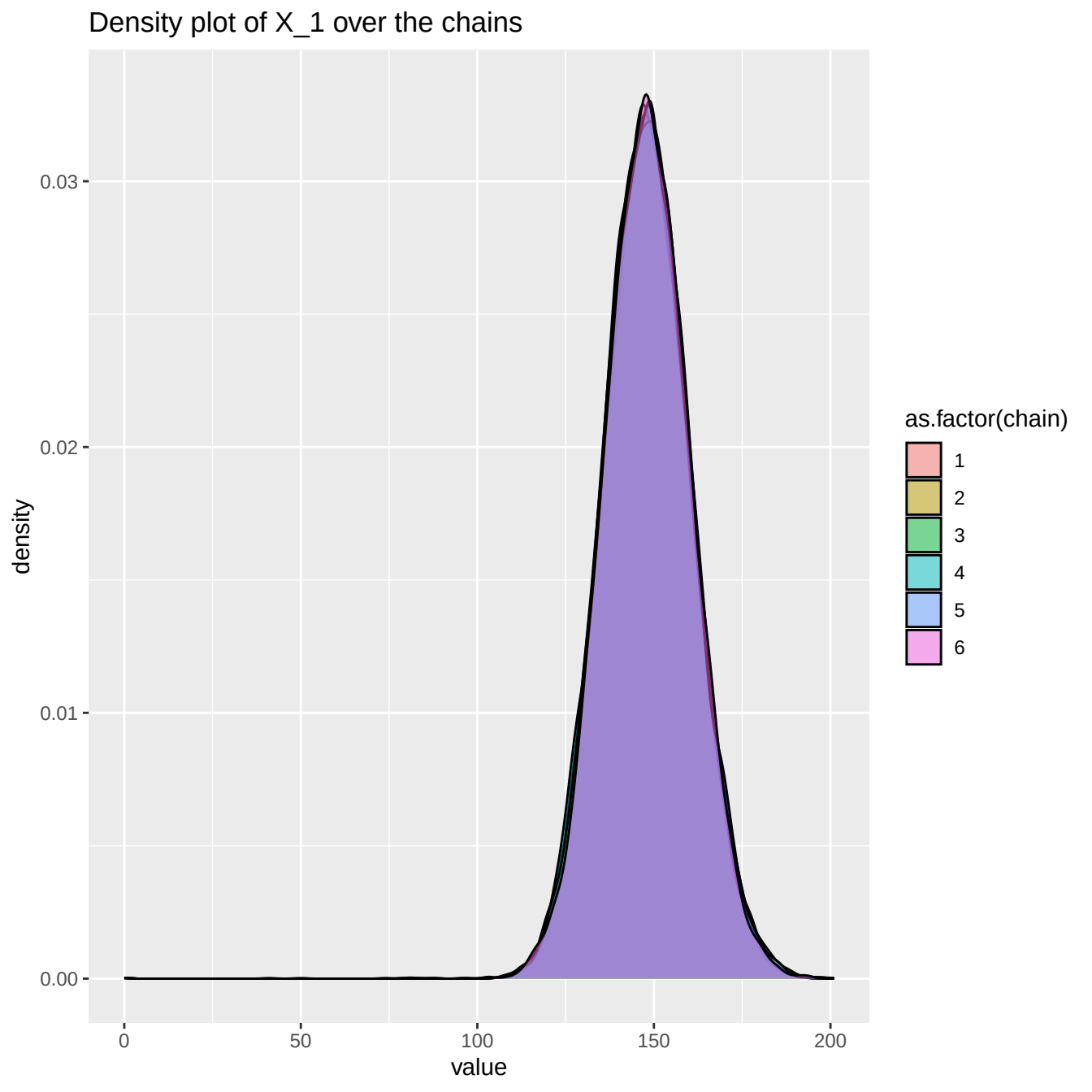
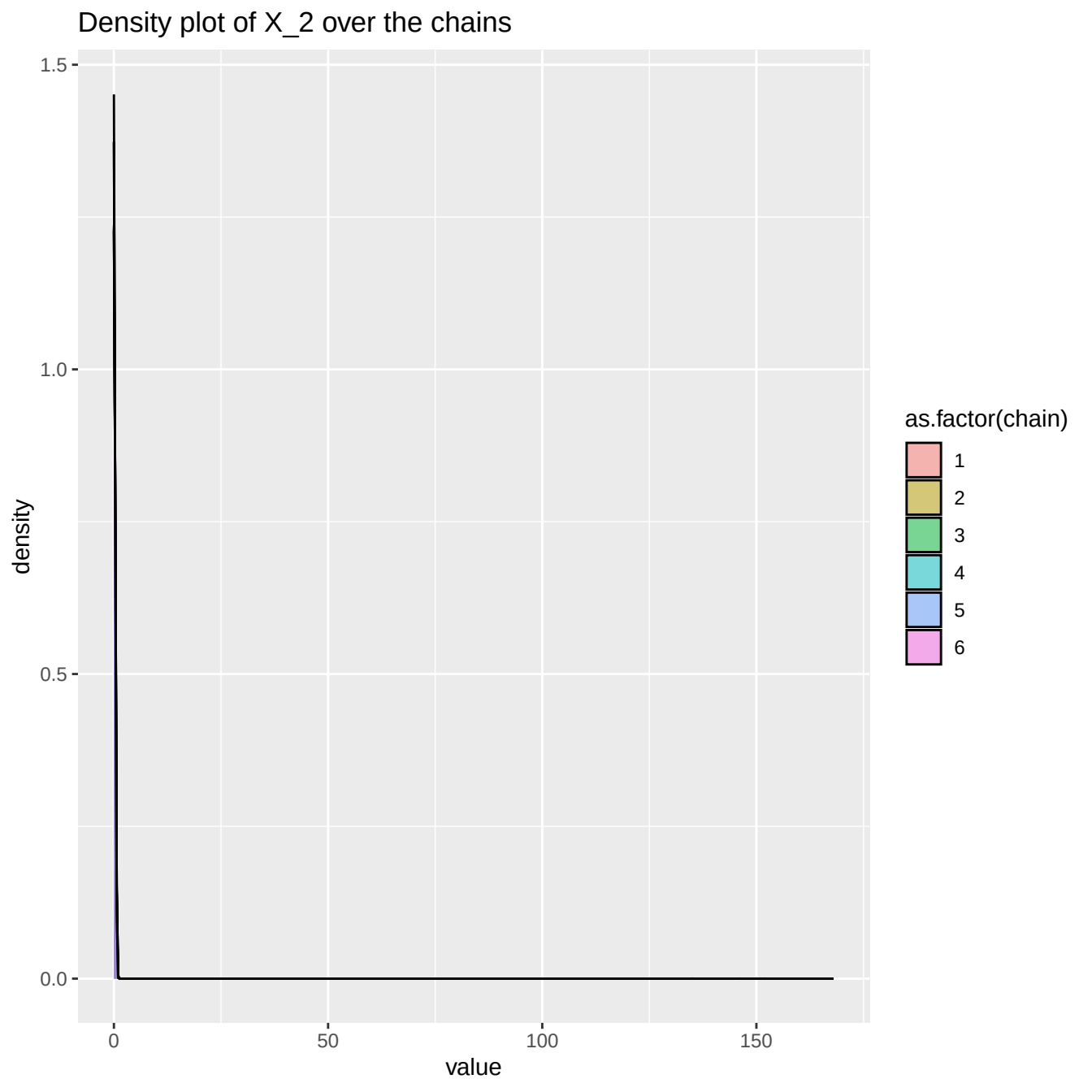
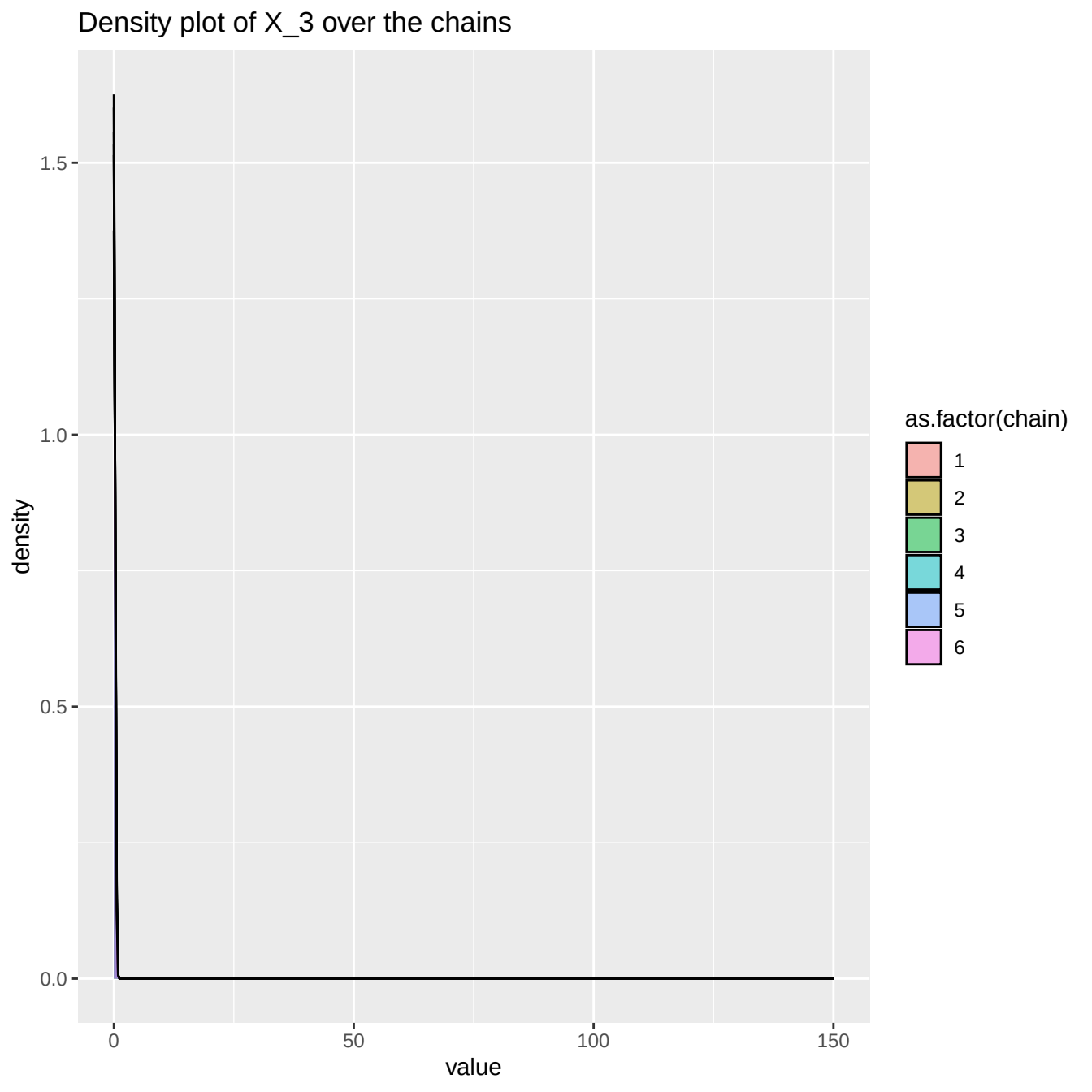
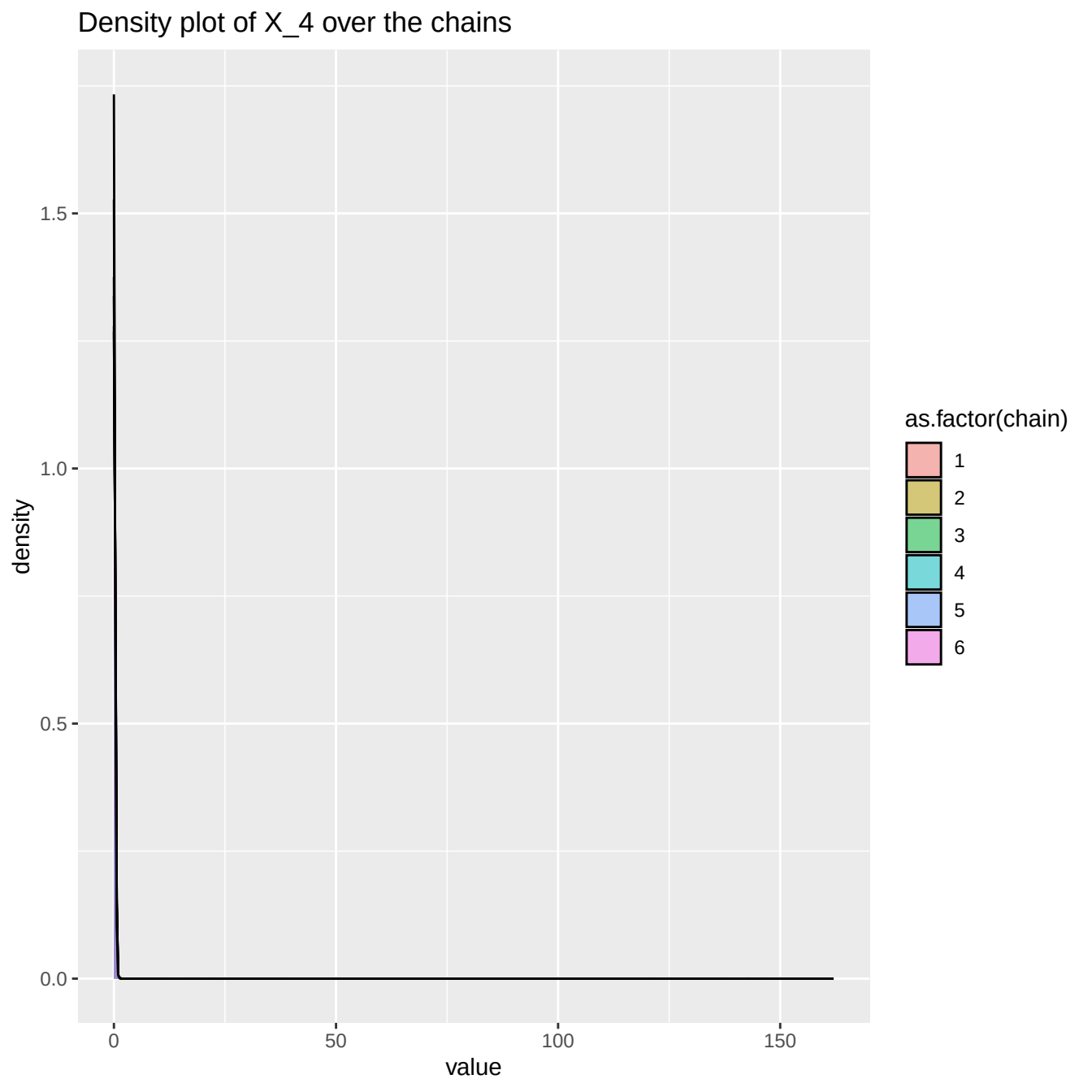
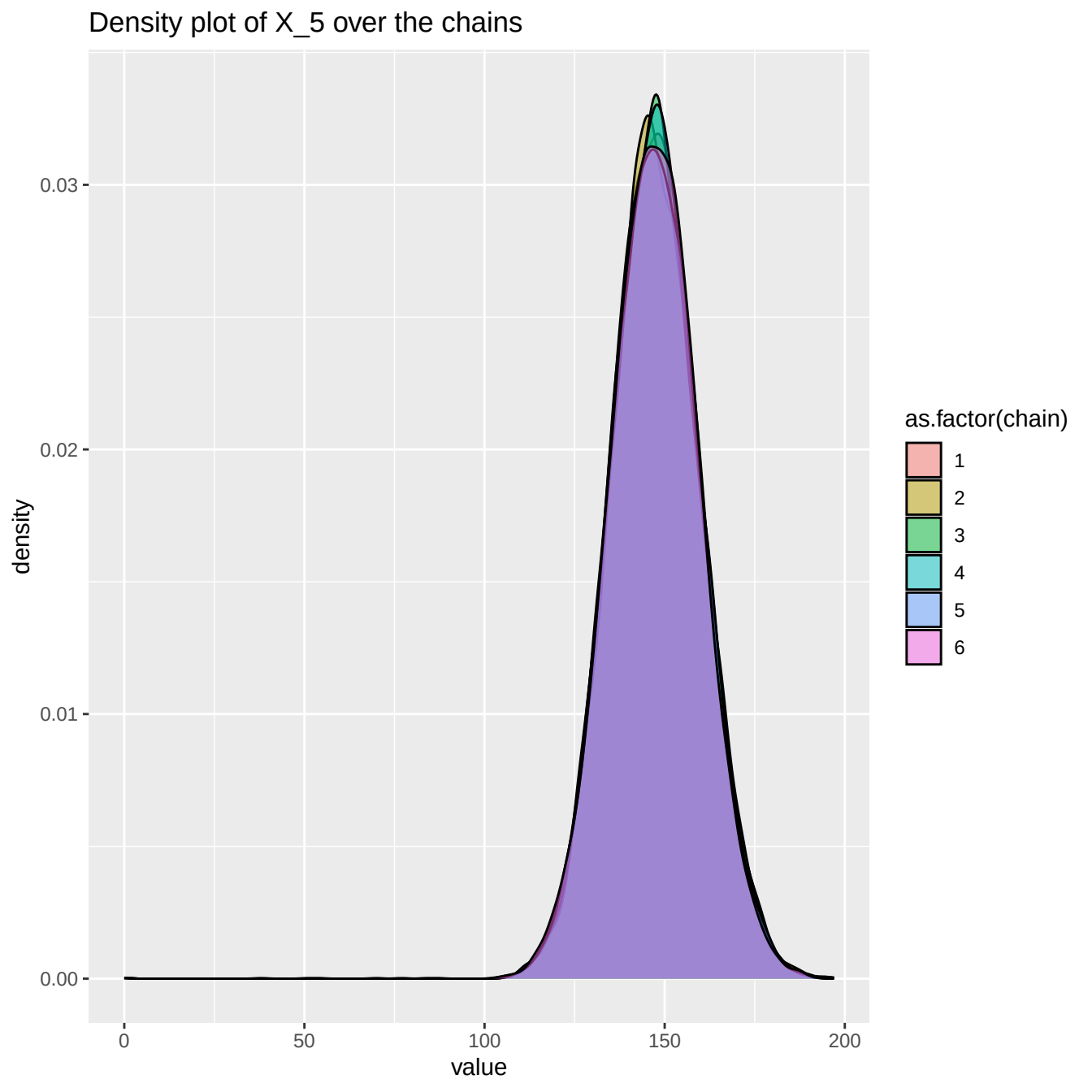
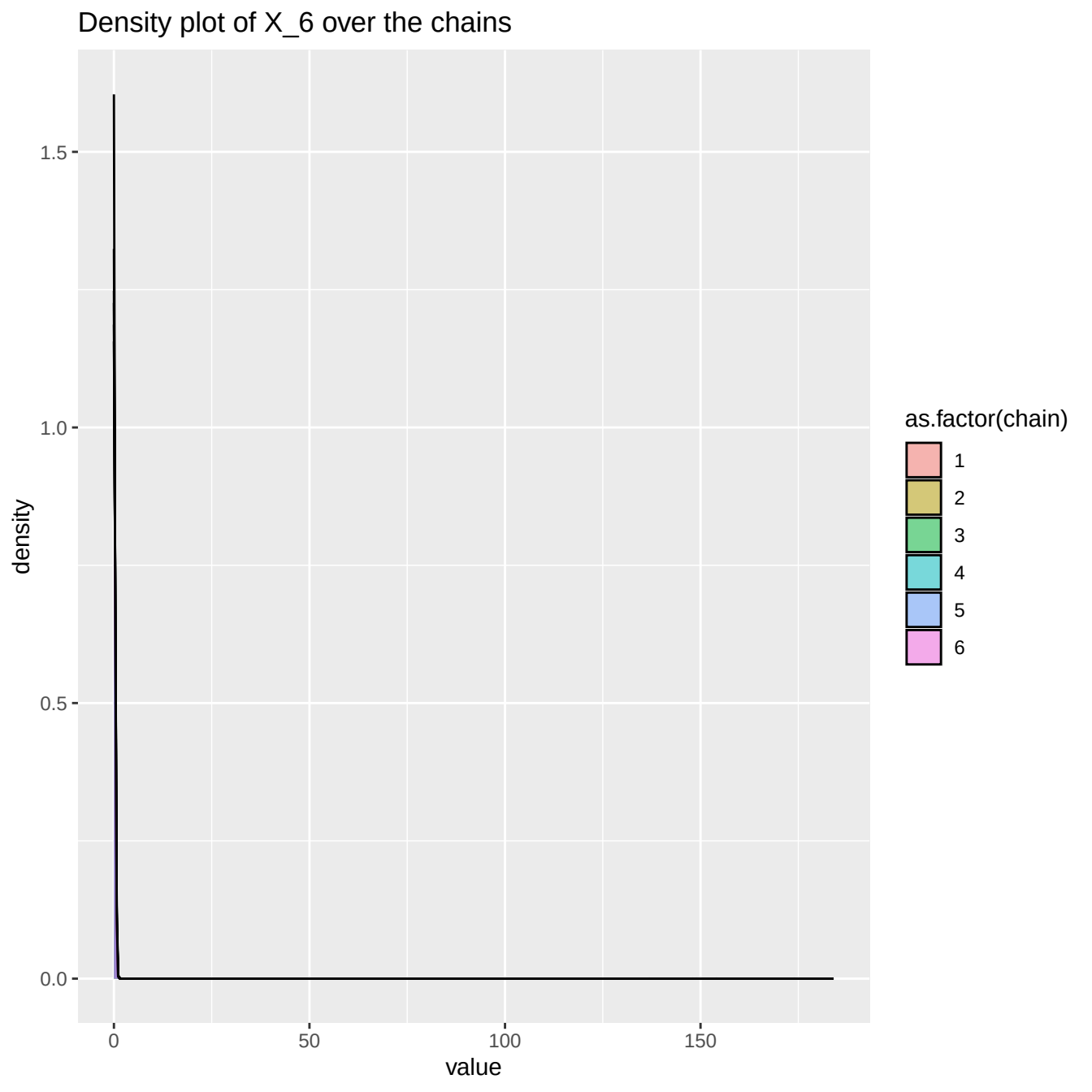

Density plot of X_1 over the chains
density
0.03
0.02
0.01
0.00
0
50
100
150
200
value
as.factor(chain)
1
2
3
4
5
6

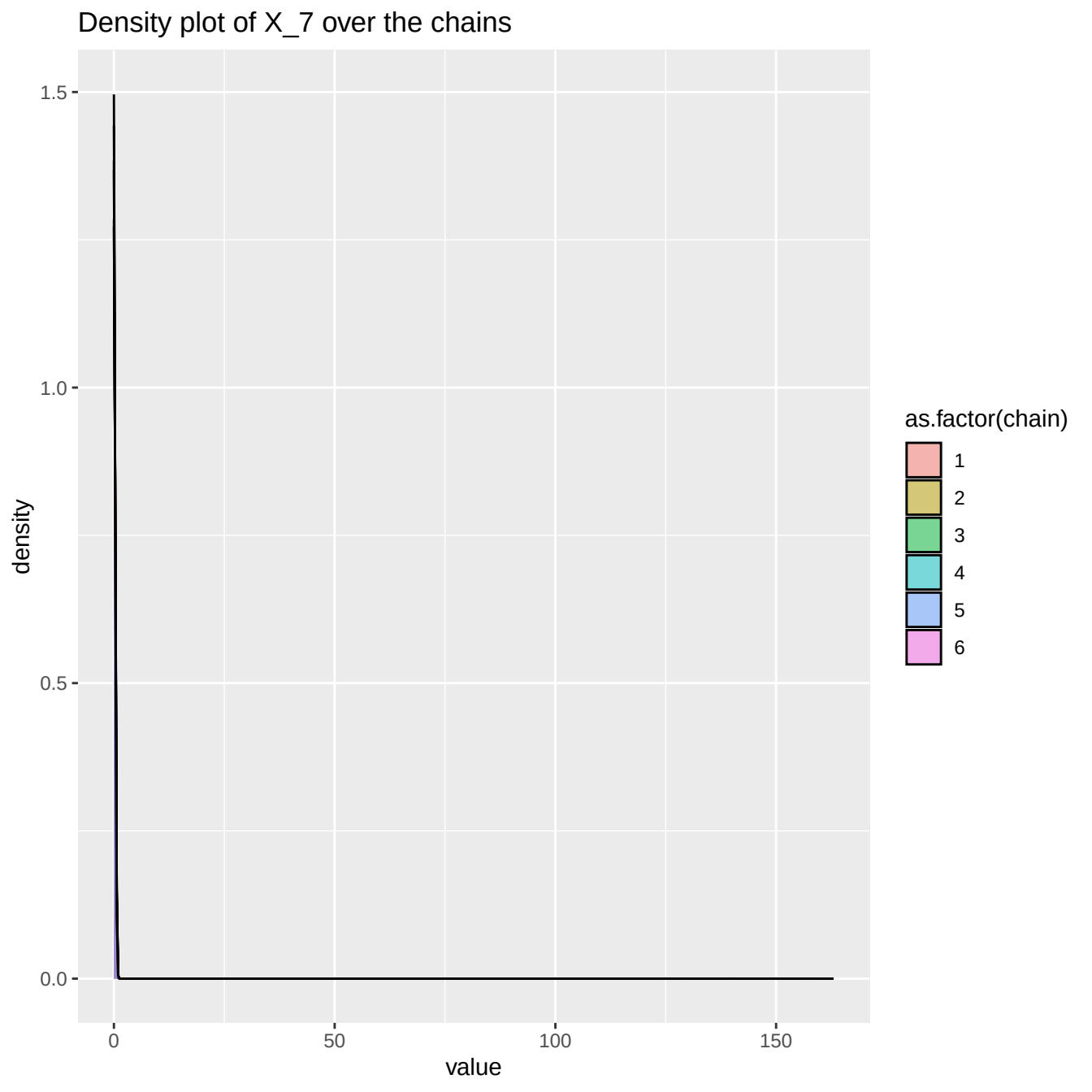

Density plot of X_2 over the chains
1.5
1.0
0.5
0.0
density
0
50
100
150
value
as.factor(chain)
1
2
3
4
5
6

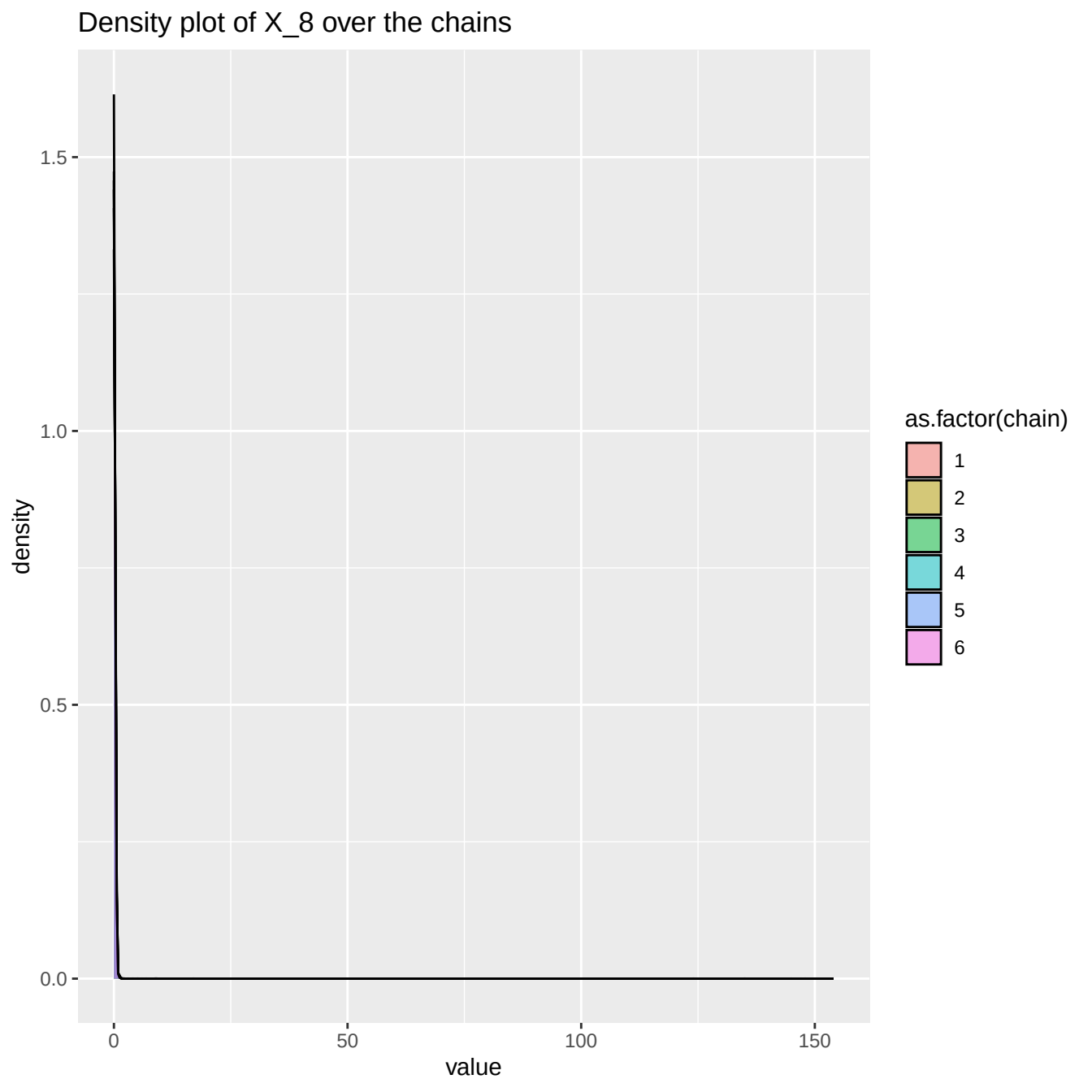

Density plot of X_3 over the chains
density
1.5
1.0
0.5
0.0
0
50
100
150
value
as.factor(chain)
1
2
3
4
5
6

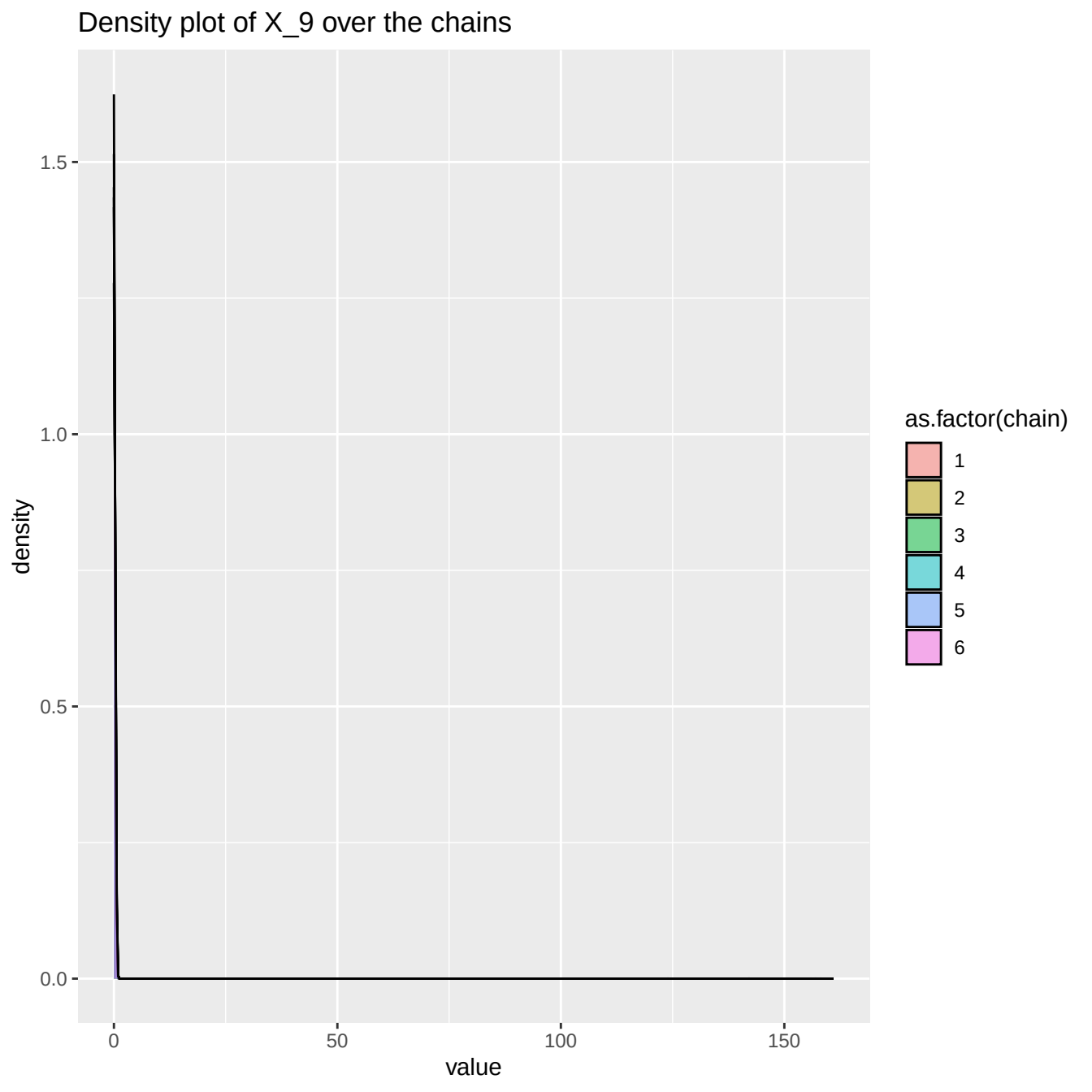

Density plot of X_4 over the chains
density
1.5
1.0
0.5
0.0
0
50
100
150
value
as.factor(chain)
1
2
3
4
5
6

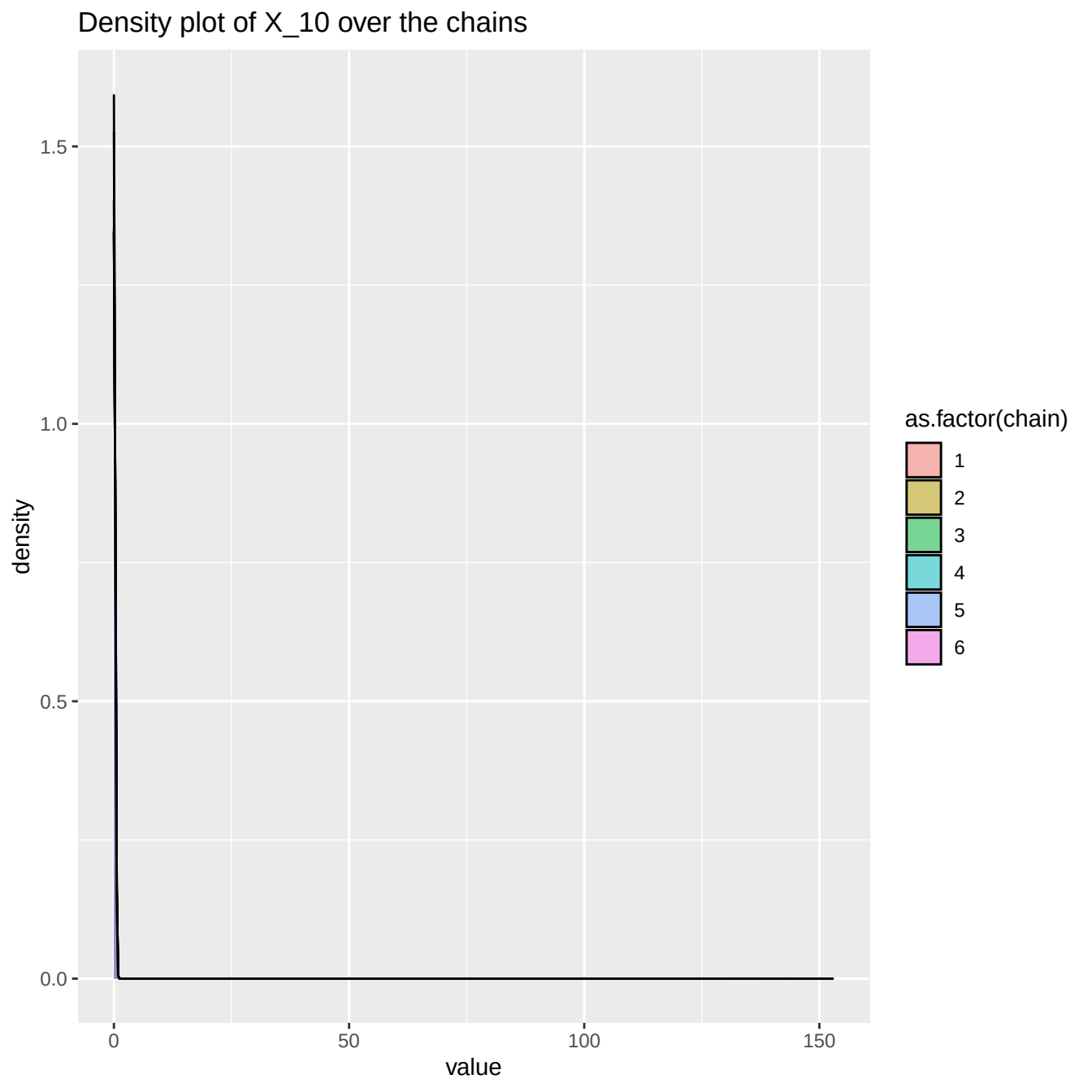

Density plot of X_5 over the chains
density
0.03
0.02
0.01
0.00
0
50
100
150
200
value
as.factor(chain)
1
2
3
4
5
6

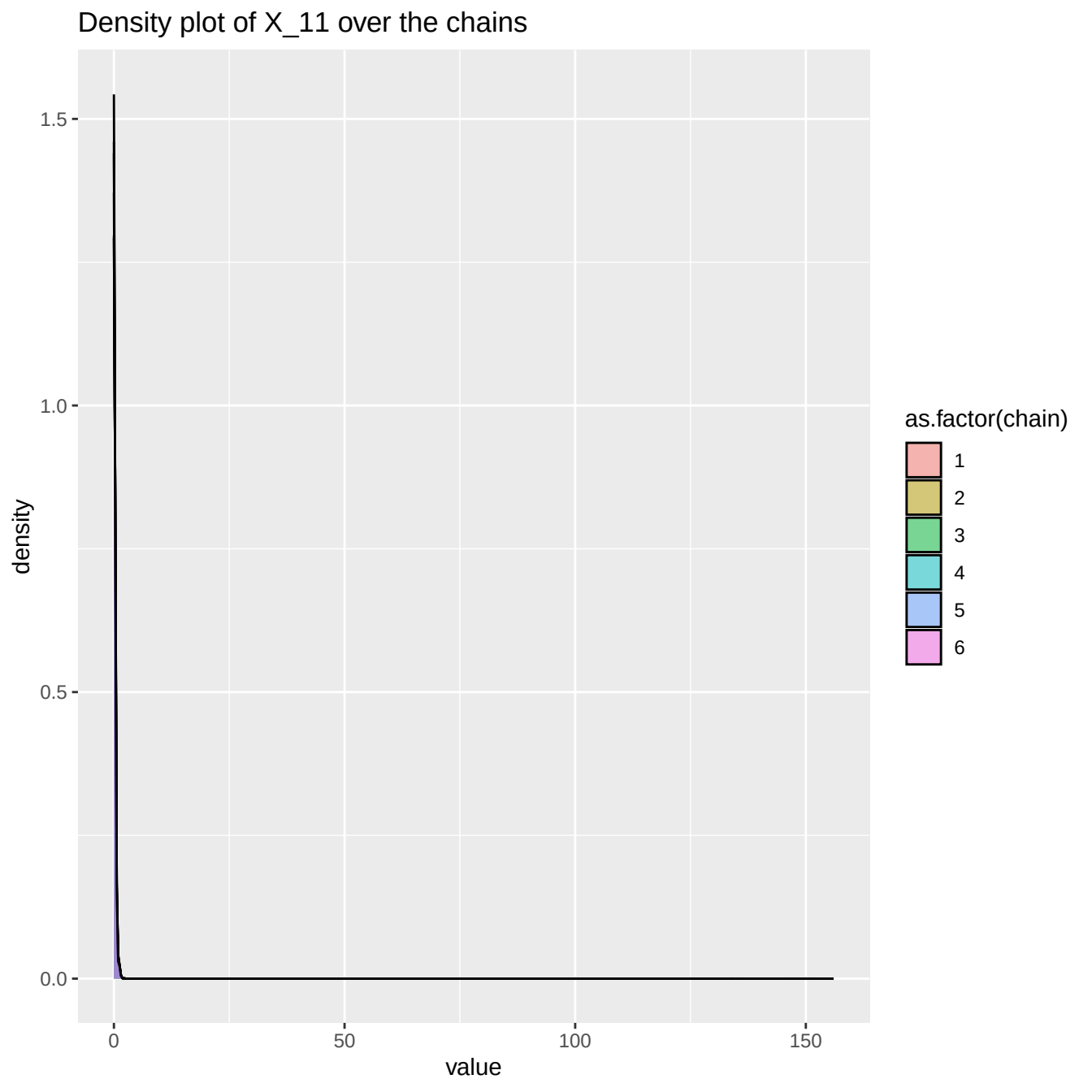

Density plot of X_6 over the chains
density
1.5
1.0
0.5
0.0
0
50
100
150
value
as.factor(chain)
1
2
3
4
5
6

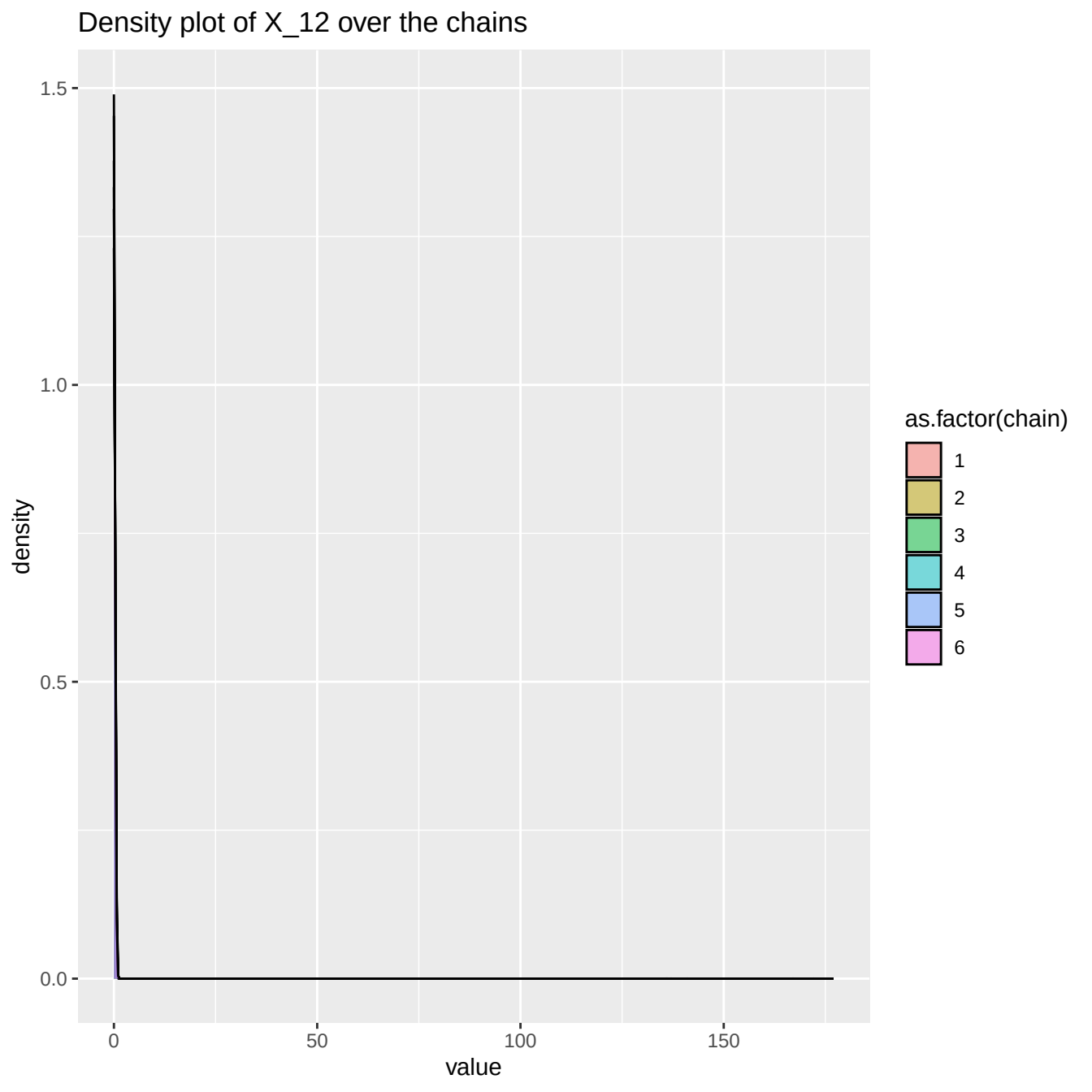

Density plot of X_7 over the chains
density
1.5
1.0
0.5
0.0
0
50
100
150
value
as.factor(chain)
1
2
3
4
5
6

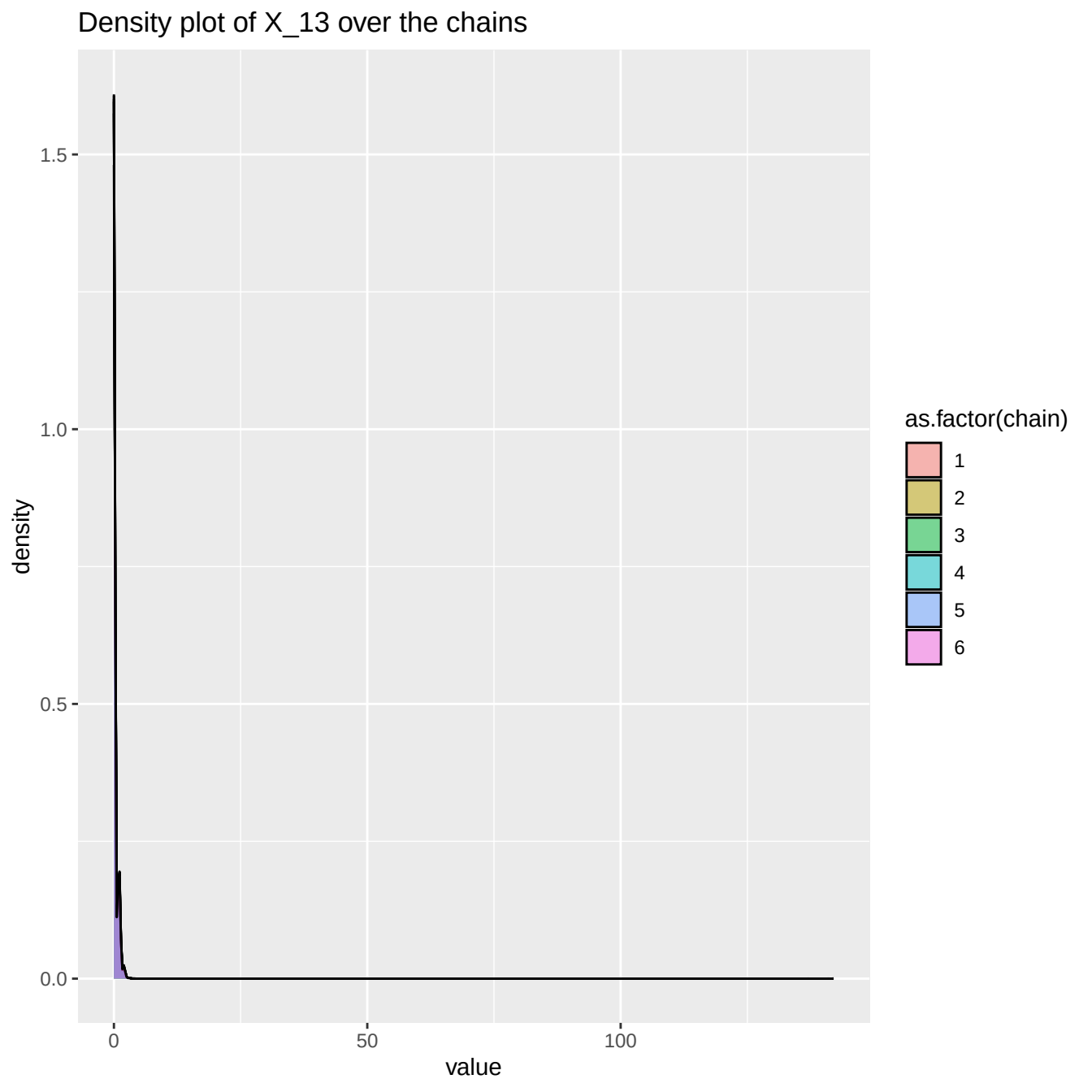

Density plot of X_8 over the chains
density
1.5
1.0
0.5
0.0
0
50
100
150
value
as.factor(chain)
1
2
3
4
5
6

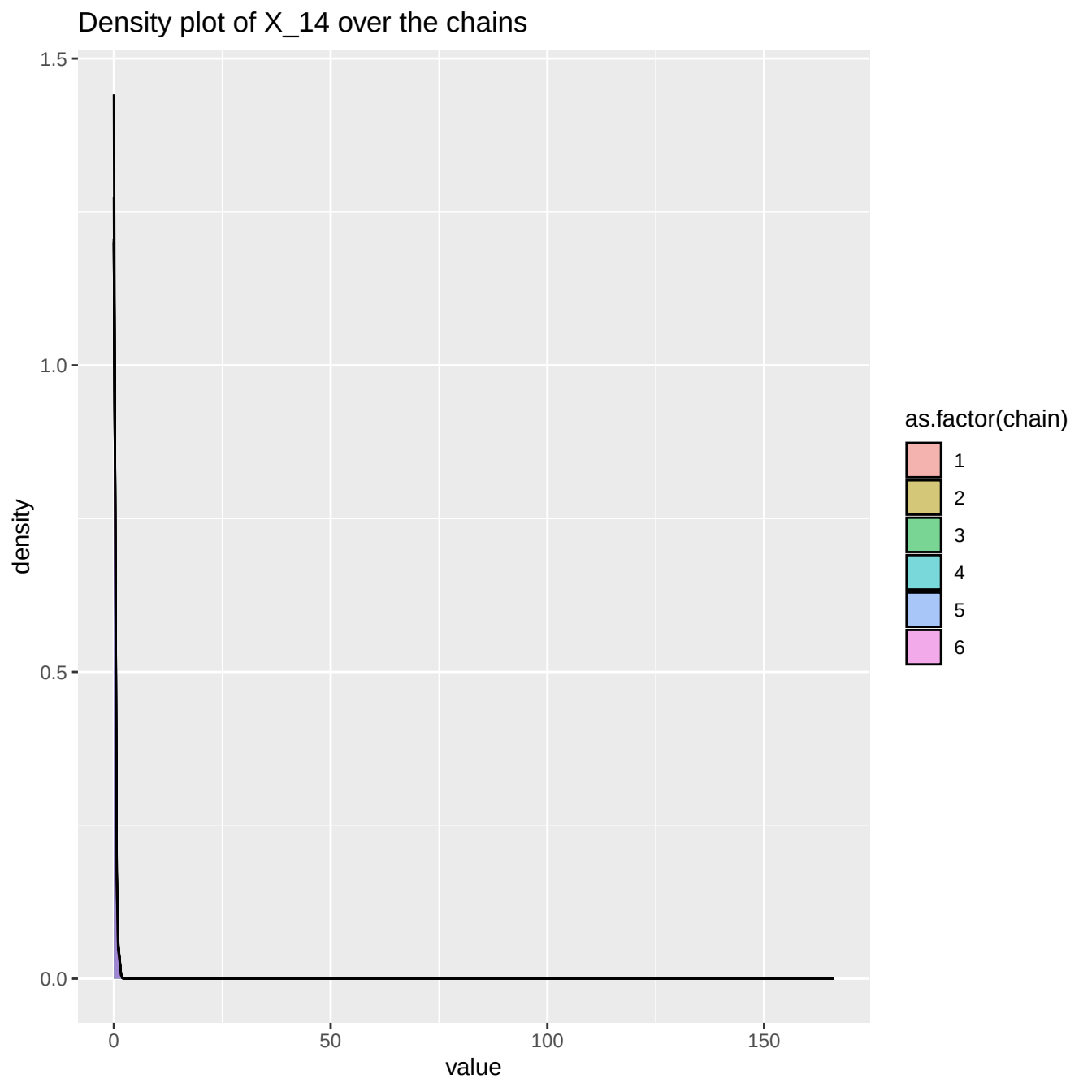

Density plot of X_9 over the chains
density
1.5
1.0
0.5
0.0
0
50
100
150
value
as.factor(chain)
1
2
3
4
5
6

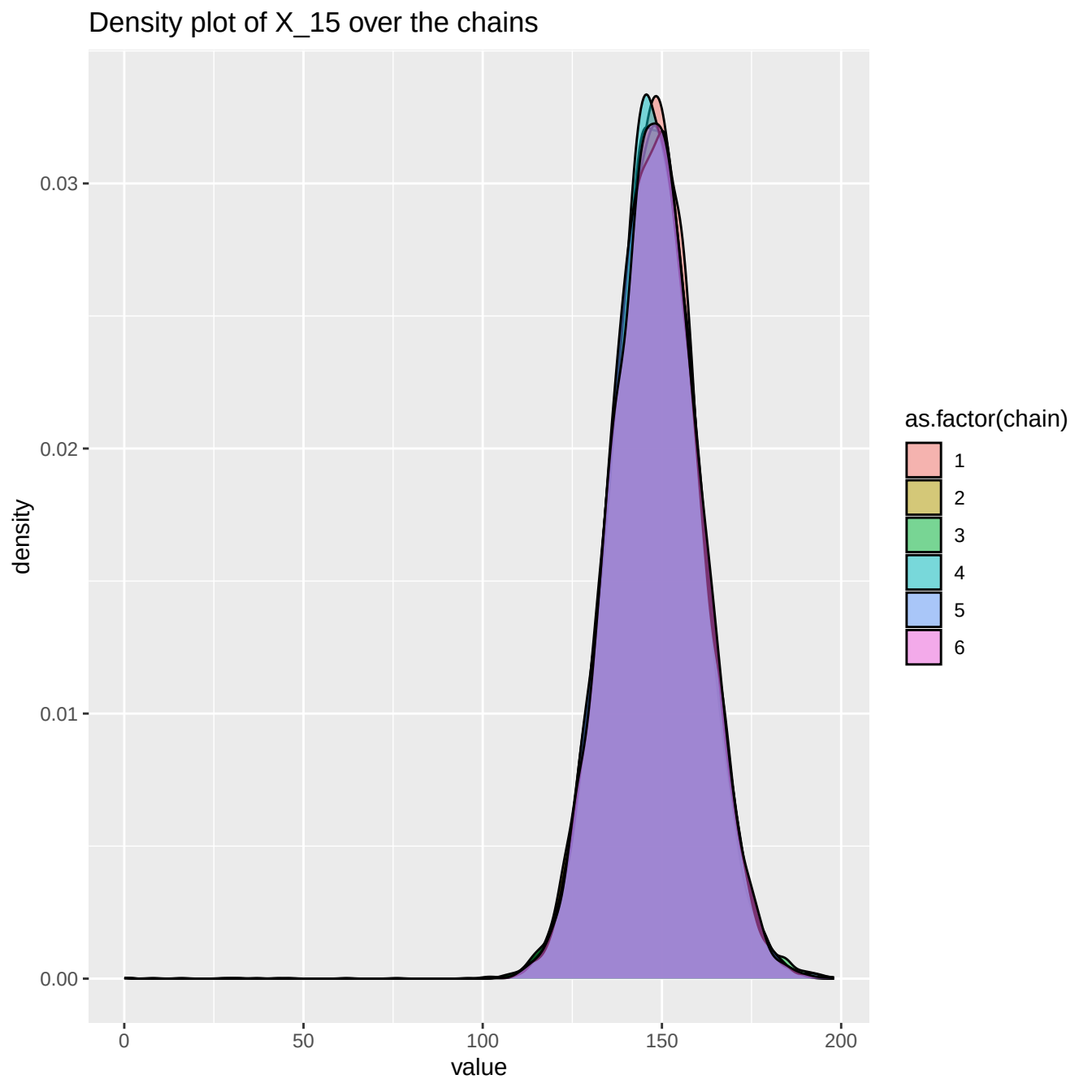

Density plot of X_10 over the chains
1.5
1.0
0.5
0.0
density
0
50
100
150
value
as.factor(chain)
1
2
3
4
5
6

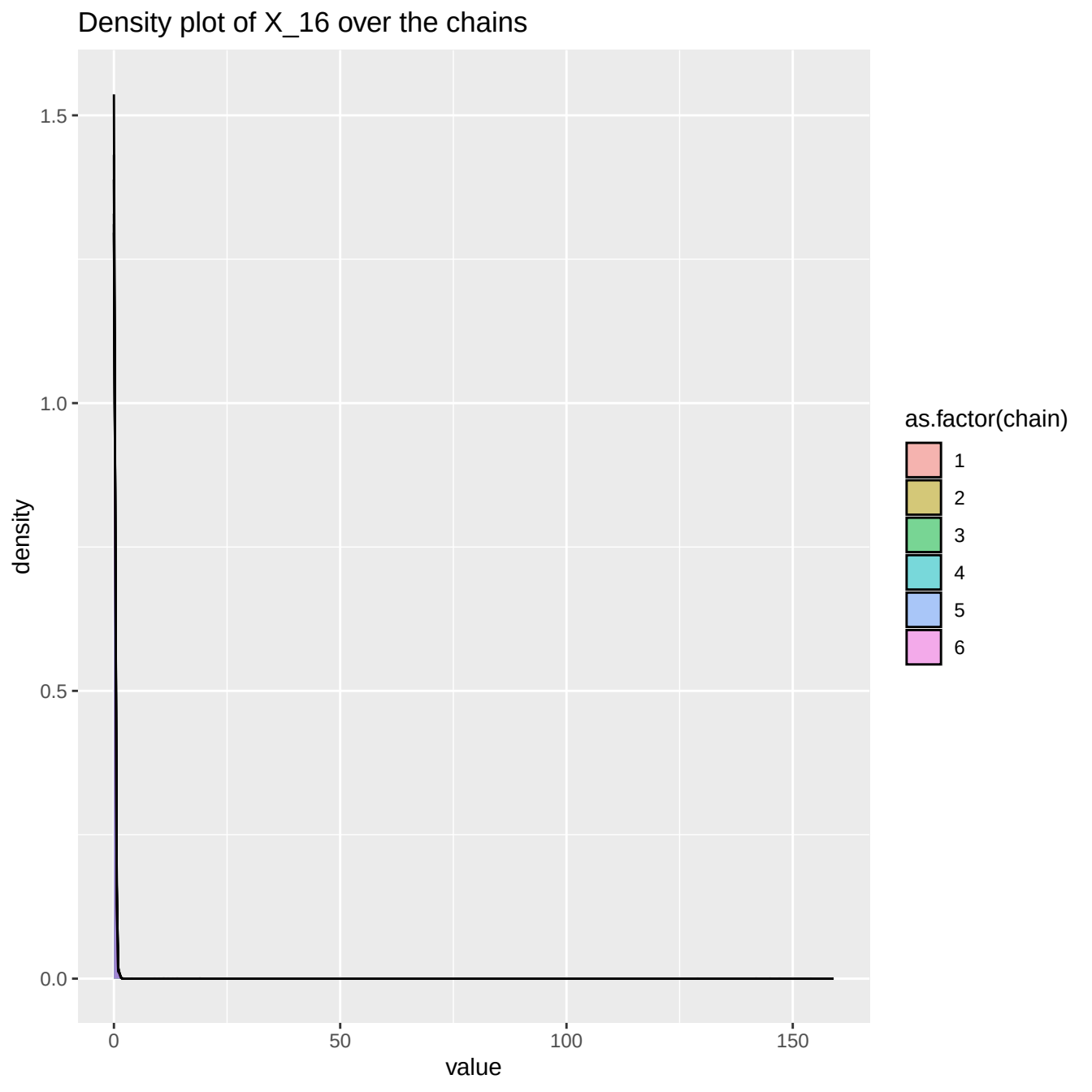

Density plot of X_11 over the chains
1.5
1.0
0.5
0.0
density
0
50
100
150
value
as.factor(chain)
1
2
3
4
5
6

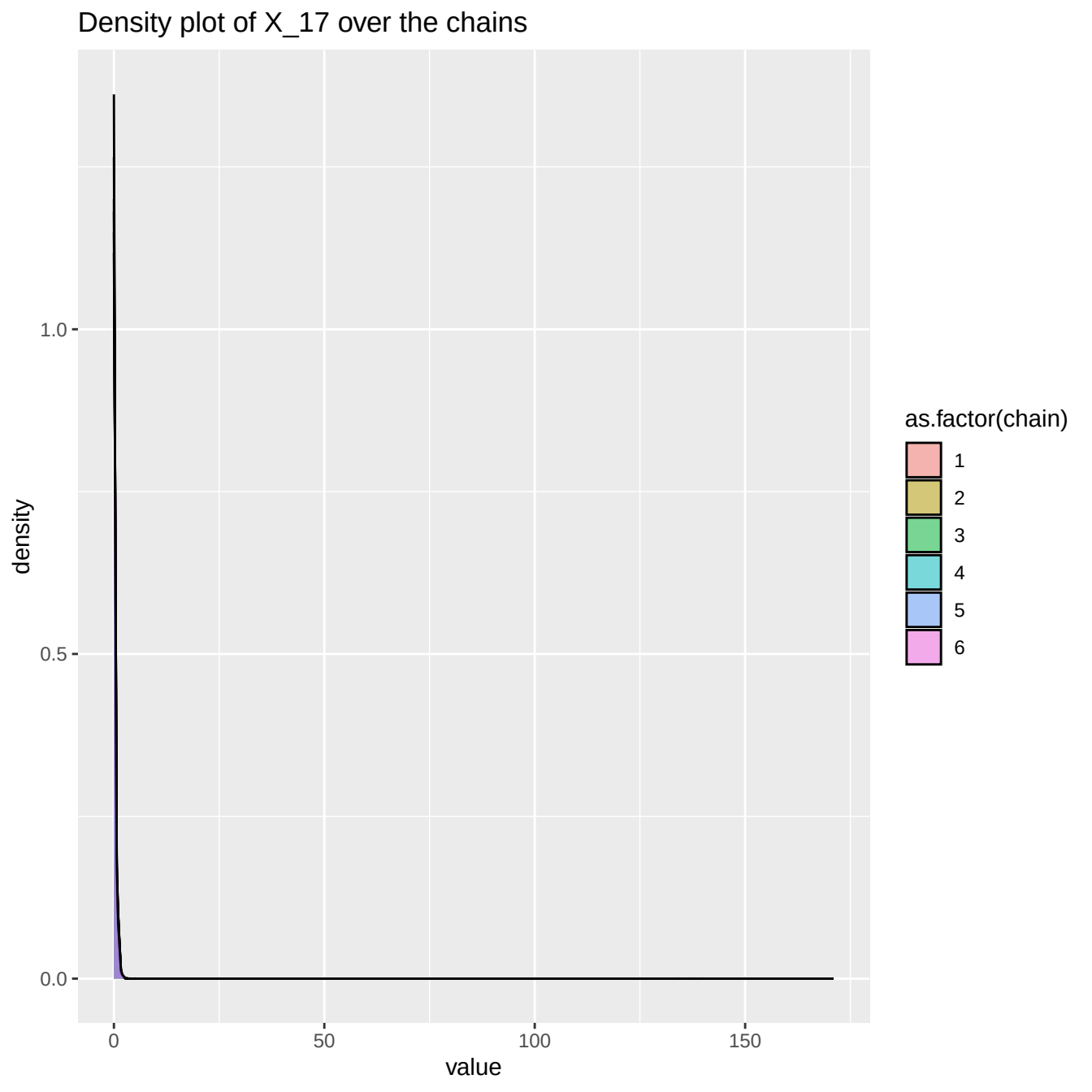

Density plot of X_12 over the chains
1.5
1.0
0.5
0.0
density
0
50
100
150
value
as.factor(chain)
1
2
3
4
5
6

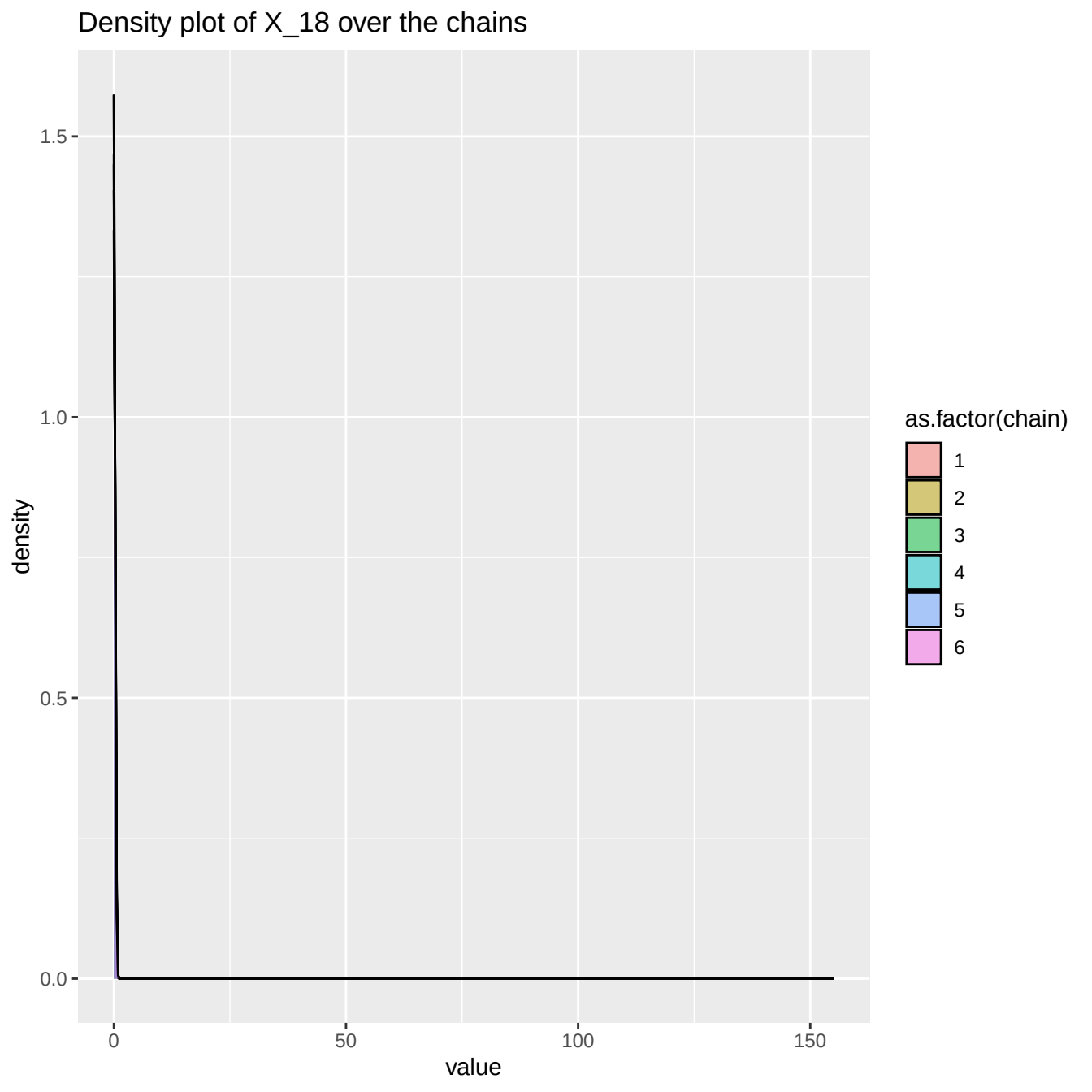

Density plot of X_13 over the chains
1.5
1.0
0.5
0.0
density
0
50
100
value
as.factor(chain)
1
2
3
4
5
6

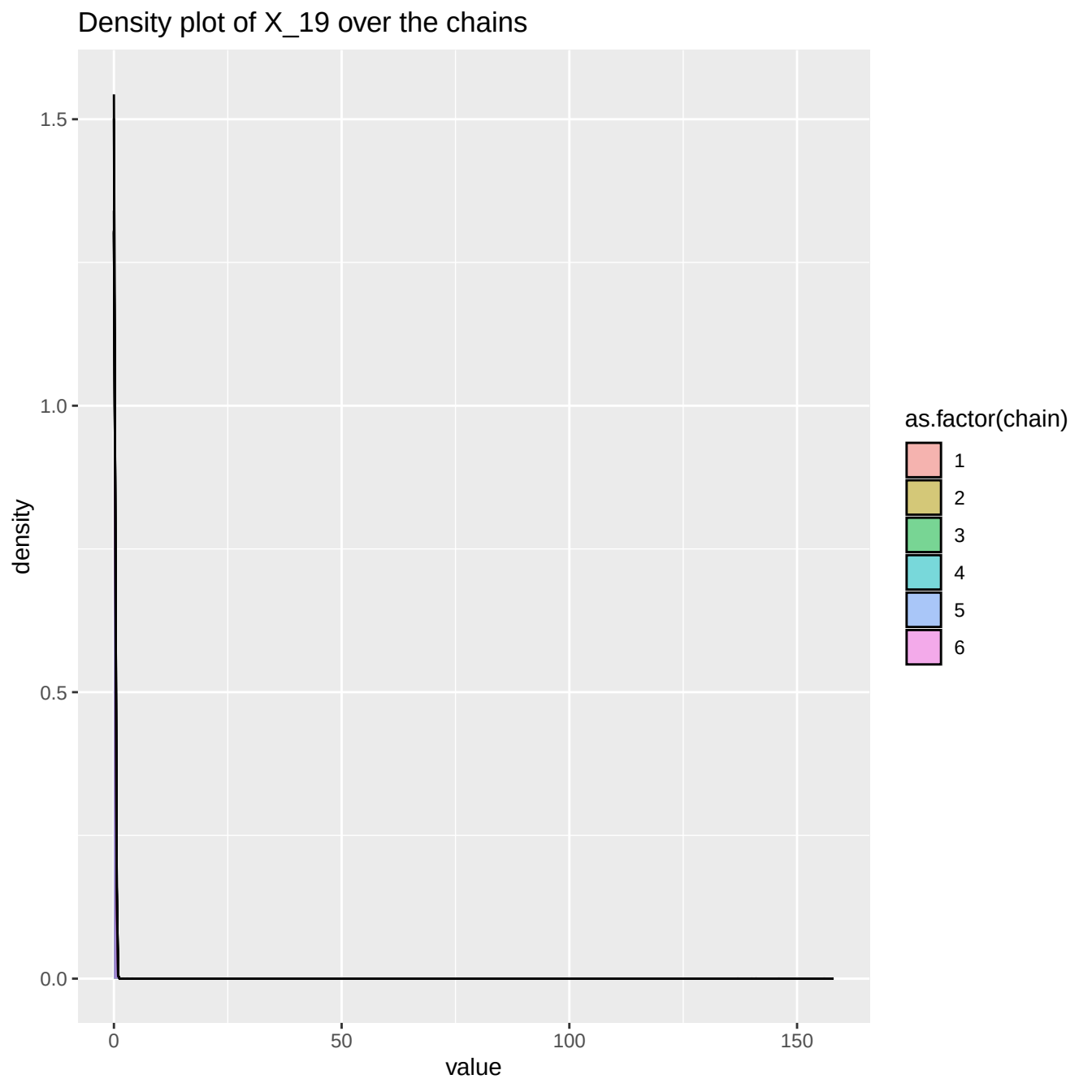

Density plot of X_14 over the chains
1.5
1.0
0.5
0.0
density
0
50
100
150
value
as.factor(chain)
1
2
3
4
5
6

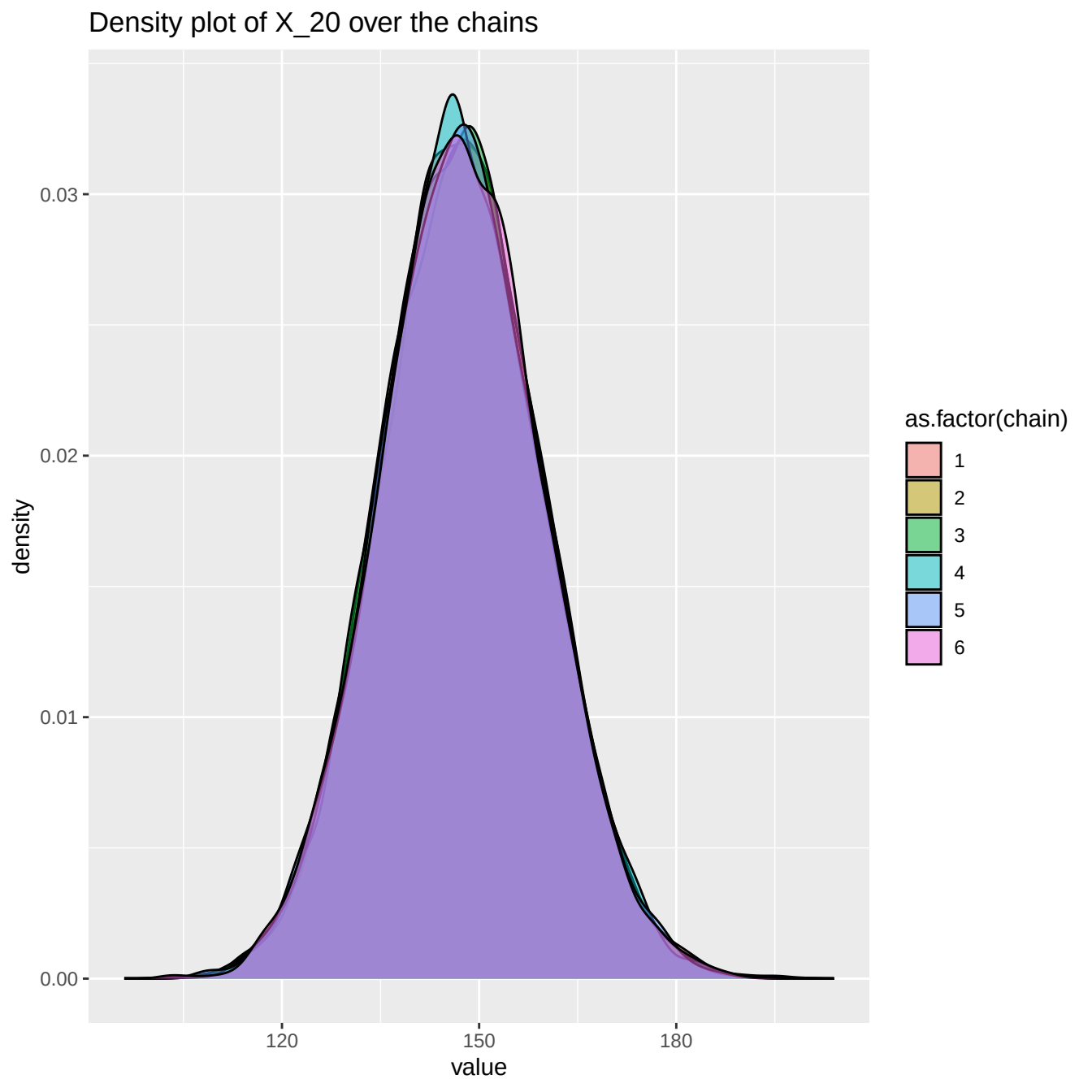

Density plot of X_15 over the chains
density
0.03
0.02
0.01
0.00
0
50
100
150
200
value
as.factor(chain)
1
2
3
4
5
6

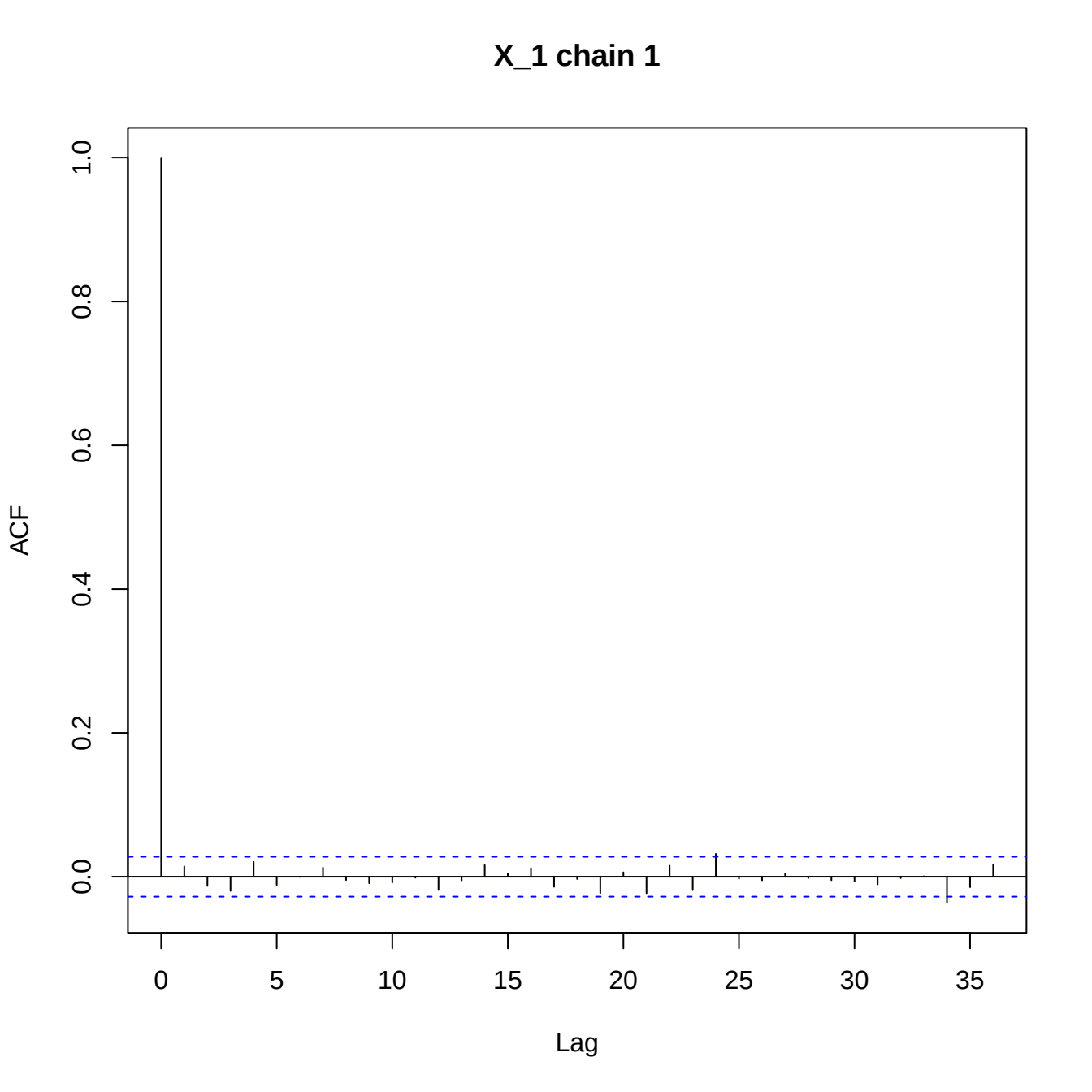

Density plot of X_16 over the chains
density
1.5
1.0
0.5
0.0
0
50
100
150
value
as.factor(chain)
1
2
3
4
5
6

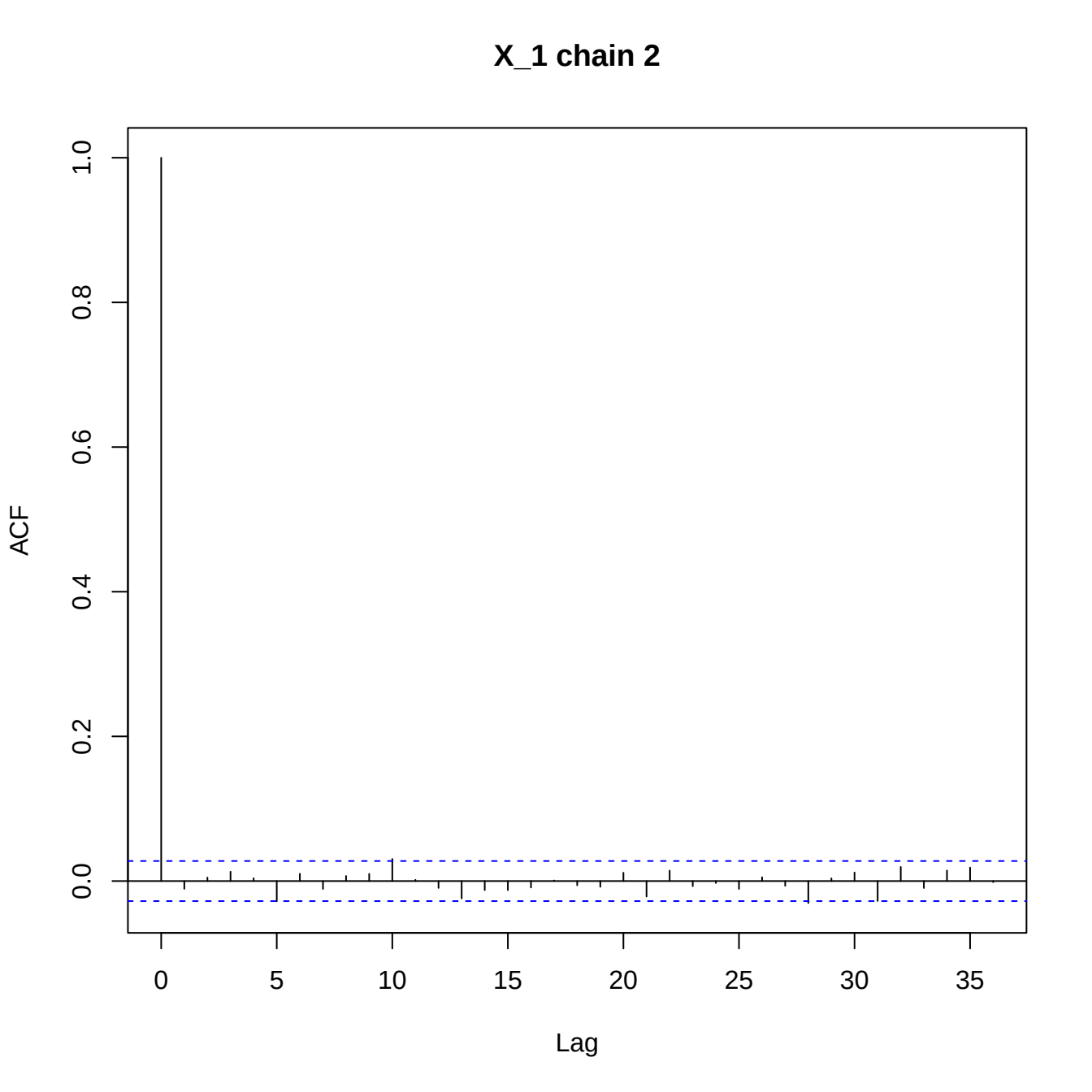

Density plot of X_17 over the chains
density
1.0
0.5
0.0
0
50
100
150
value
as.factor(chain)
1
2
3
4
5
6

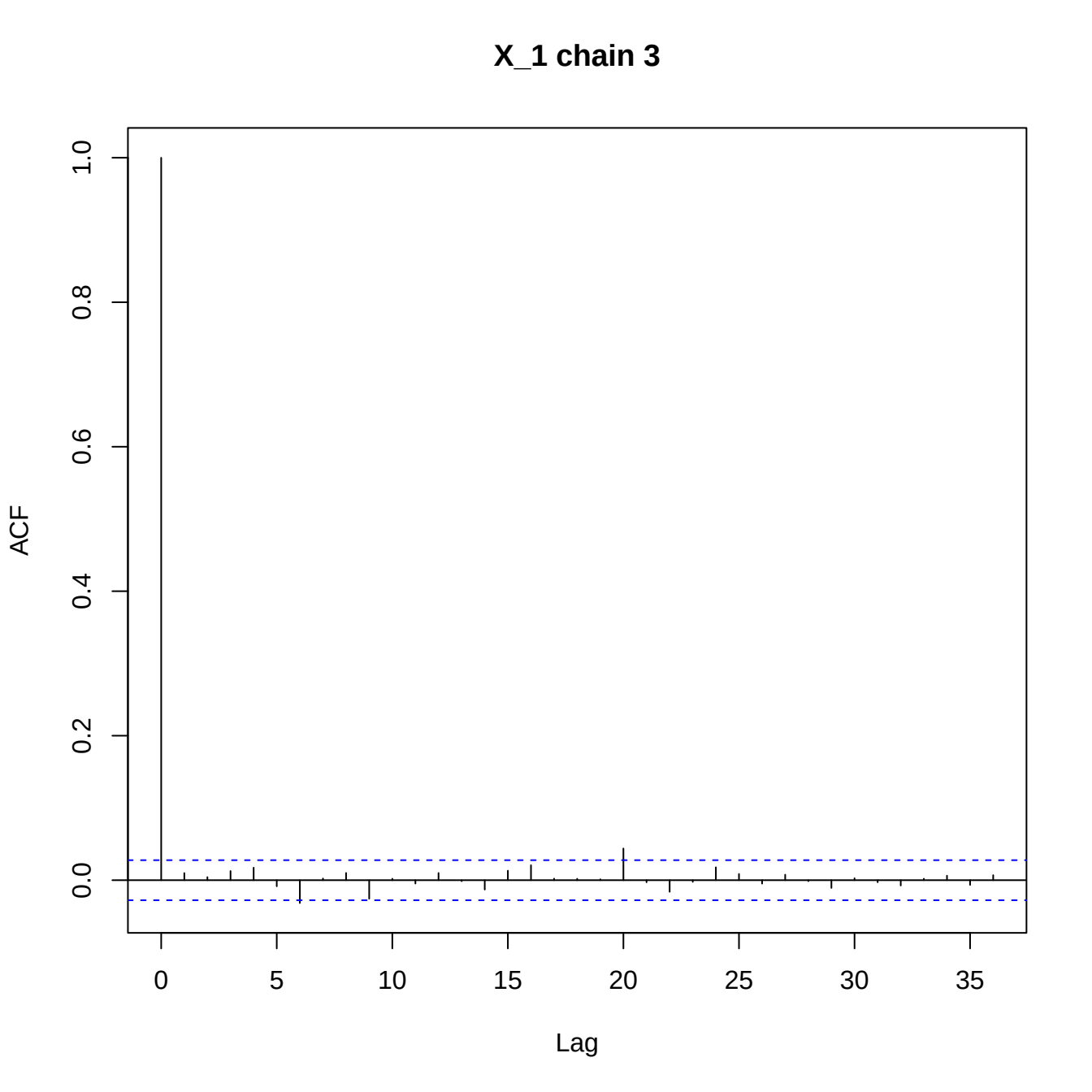

Density plot of X_18 over the chains
1.5
1.0
0.5
0.0
density
0
50
100
150
value
as.factor(chain)
1
2
3
4
5
6

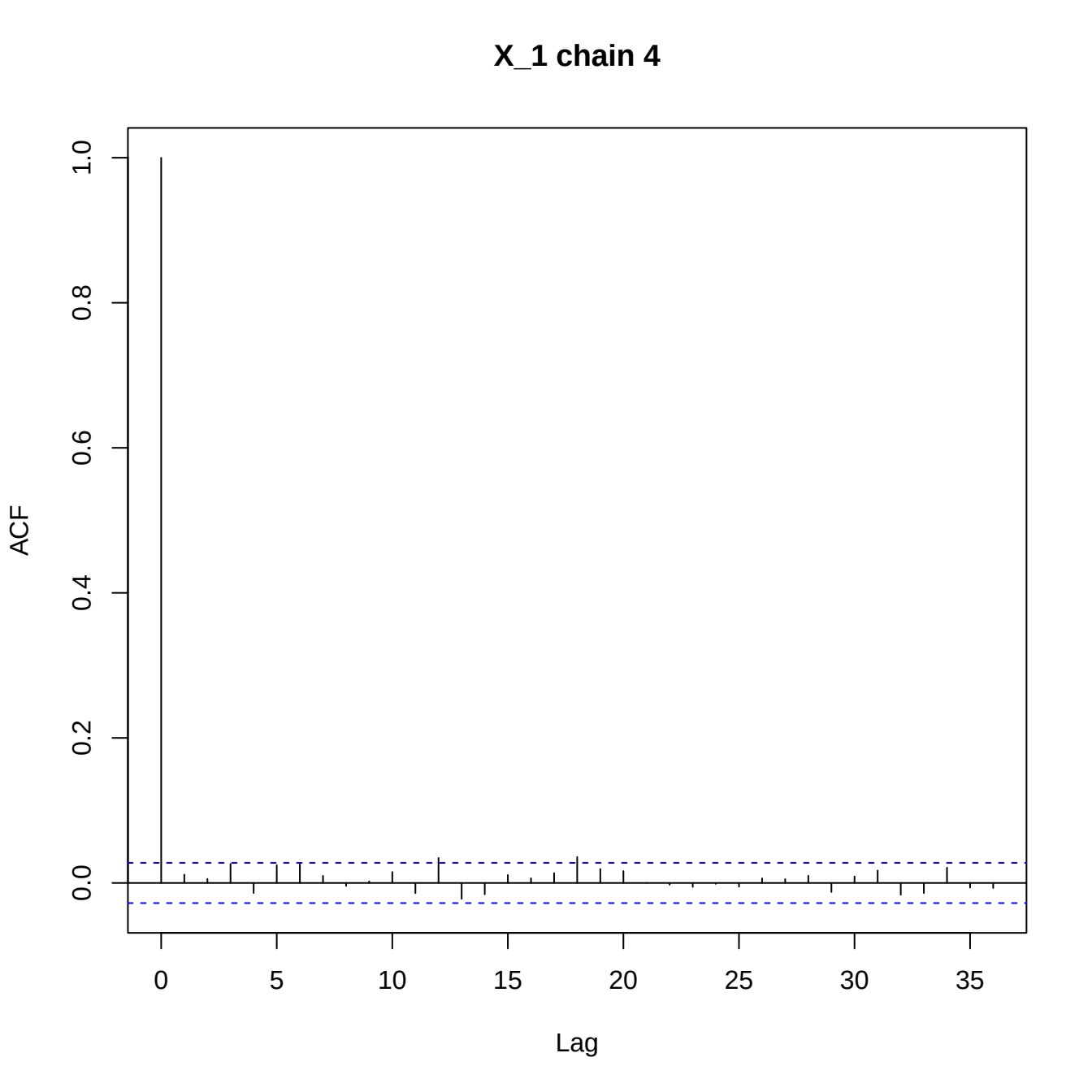

Density plot of X_19 over the chains
density
1.5
1.0
0.5
0.0
0
50
100
150
value
as.factor(chain)
1
2
3
4
5
6

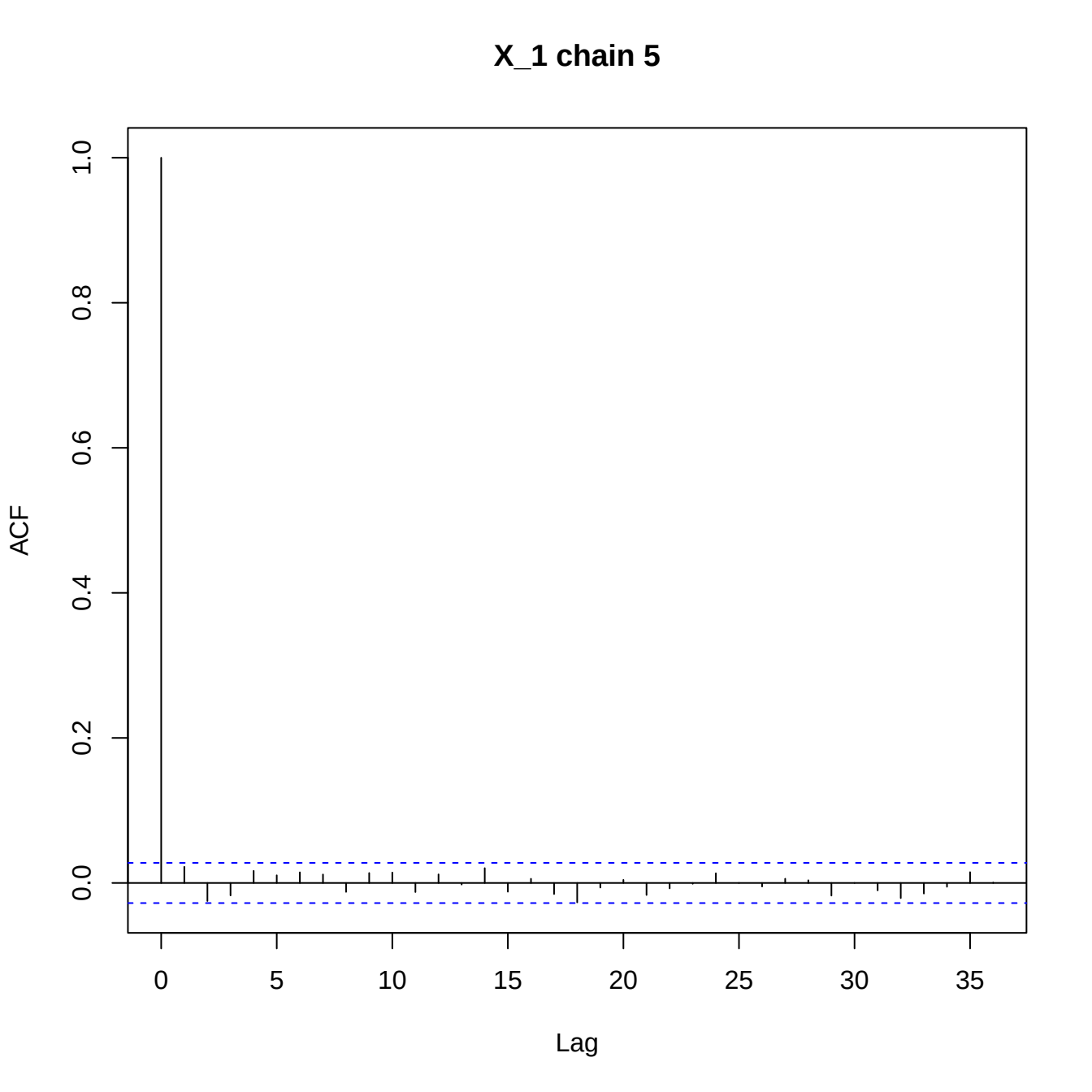

Density plot of X_20 over the chains
density
0.03
0.02
0.01
0.00
120
150
180
value
as.factor(chain)
1
2
3
4
5
6

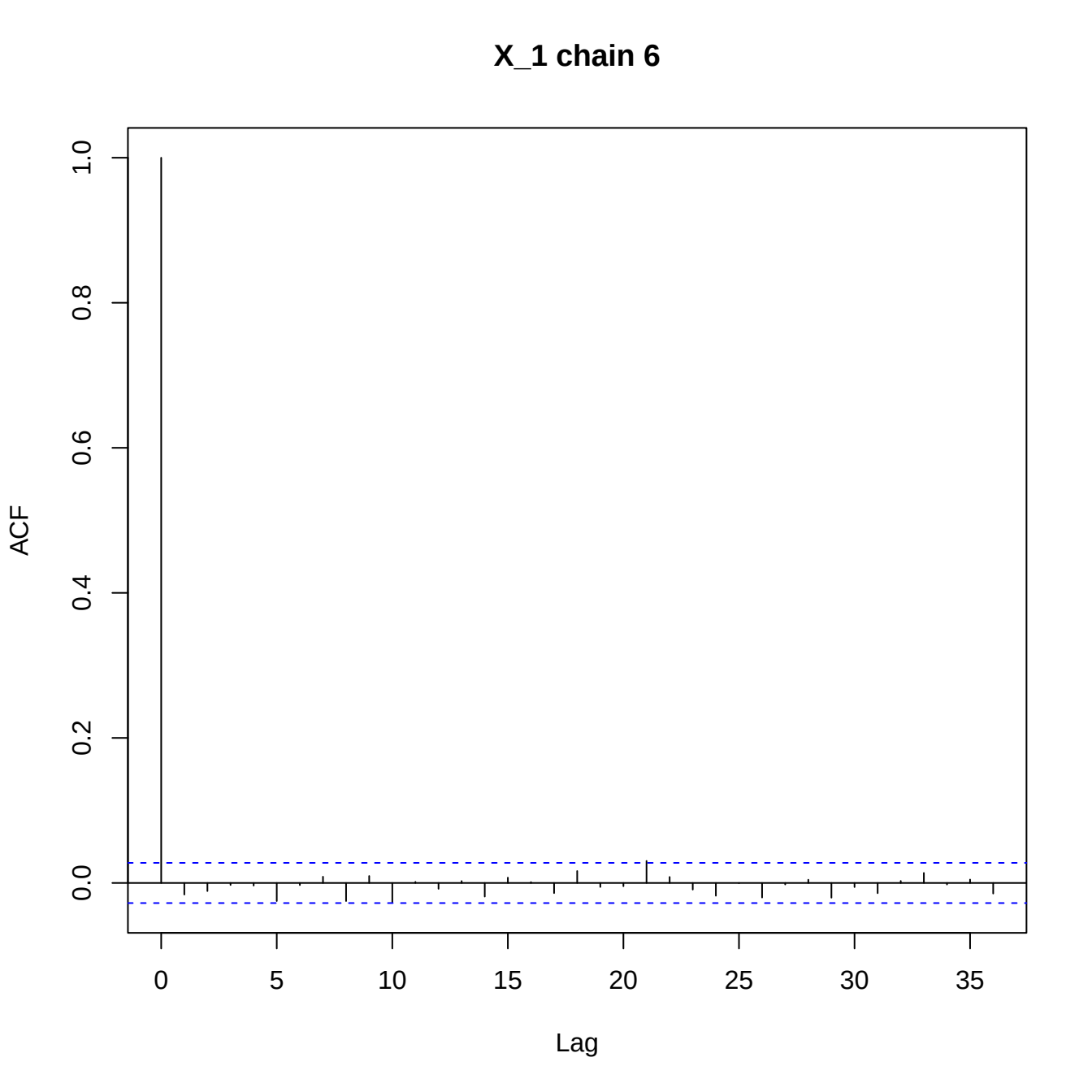

X_1 chain 1
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
35
Lag

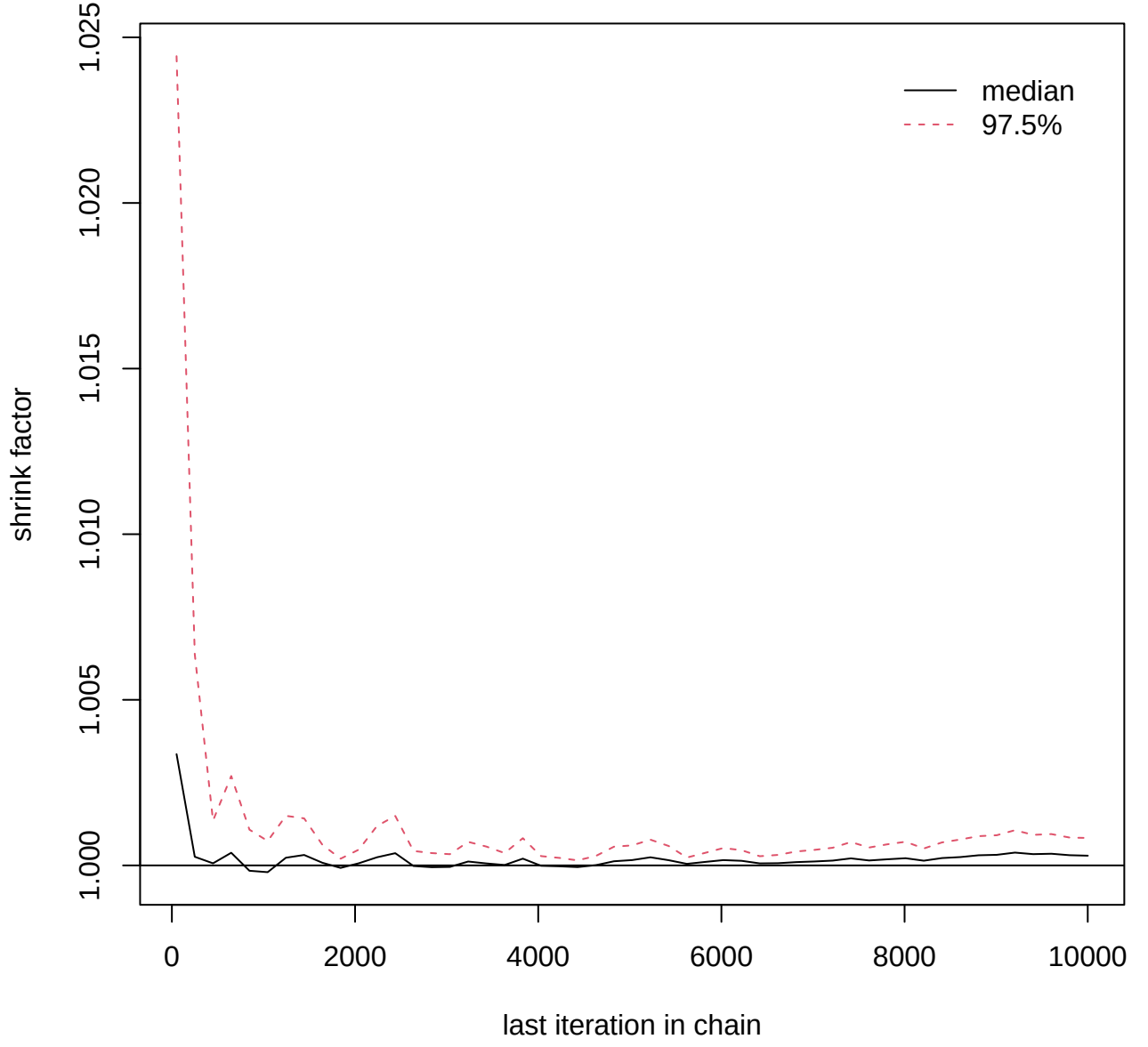

X_1 chain 2
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
35
Lag

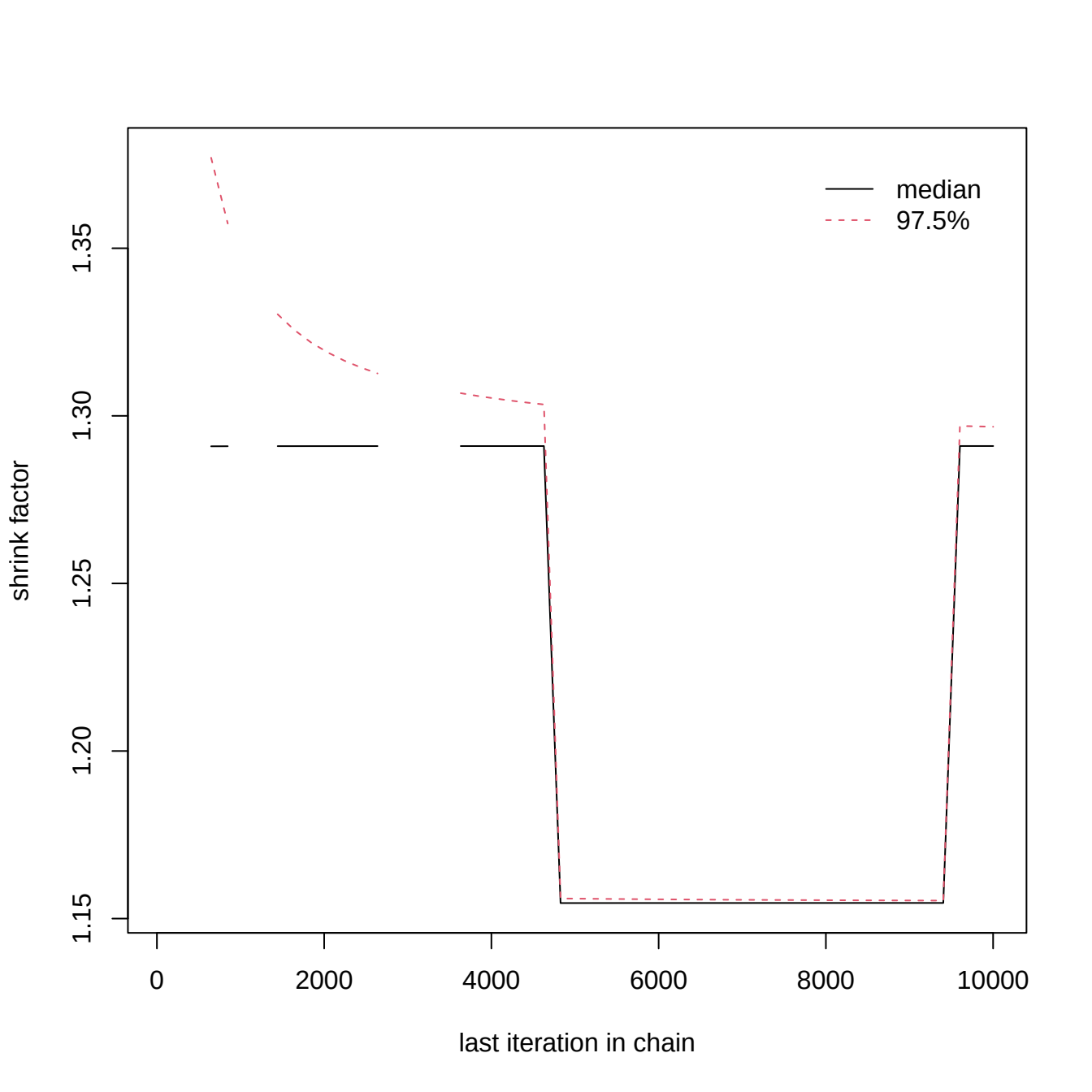

X_1 chain 3
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
35
Lag

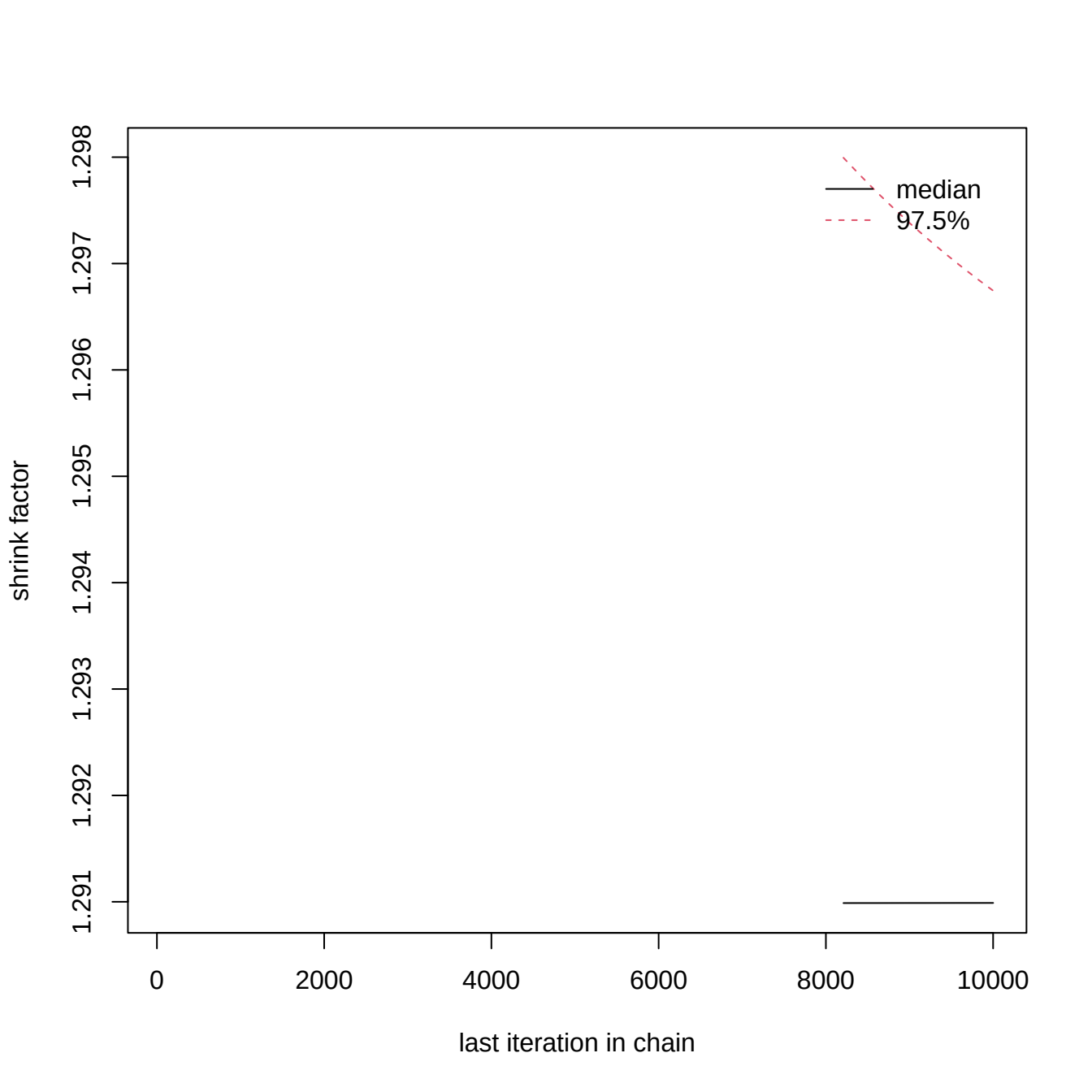

X_1 chain 4
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
35
Lag

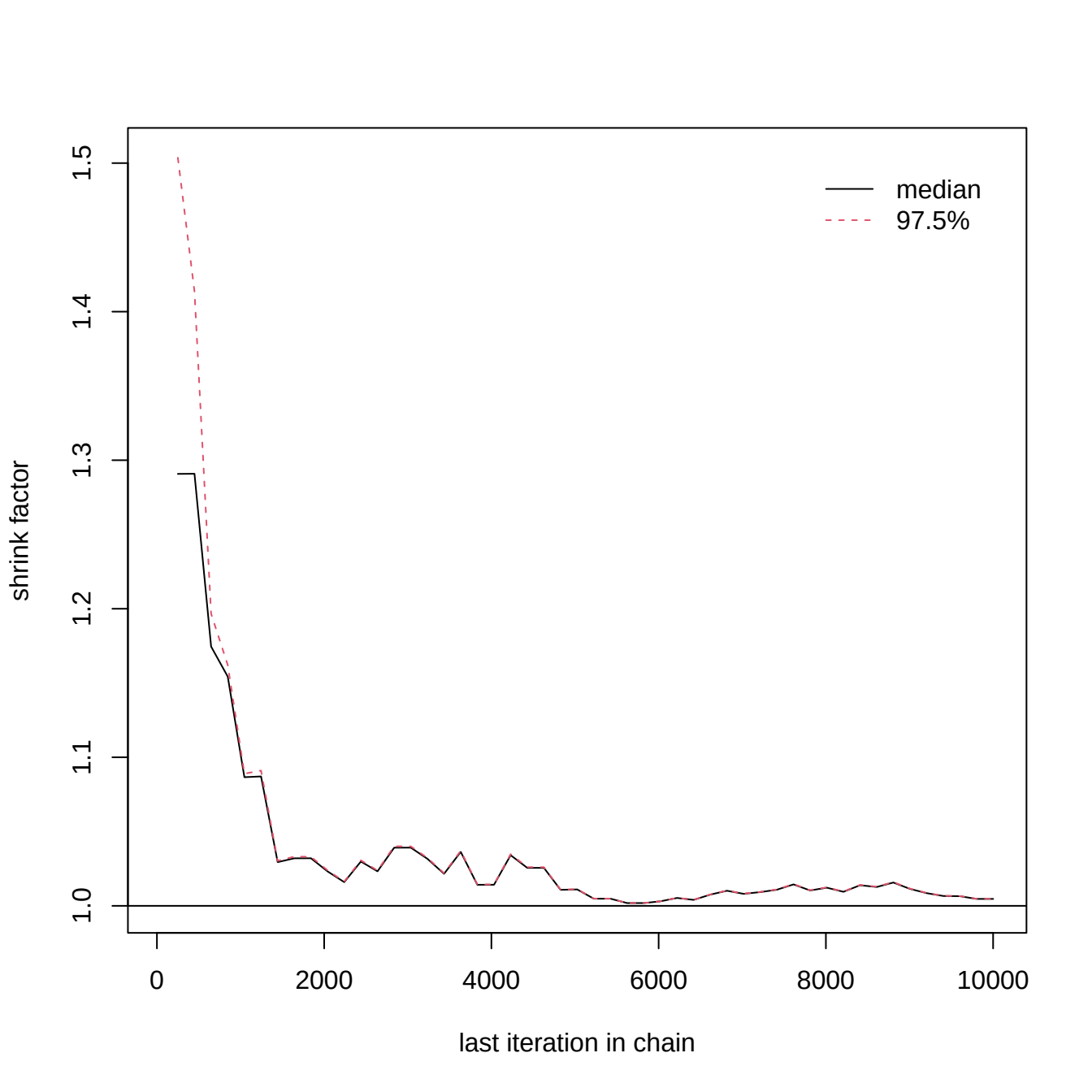

X_1 chain 5
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
35
Lag

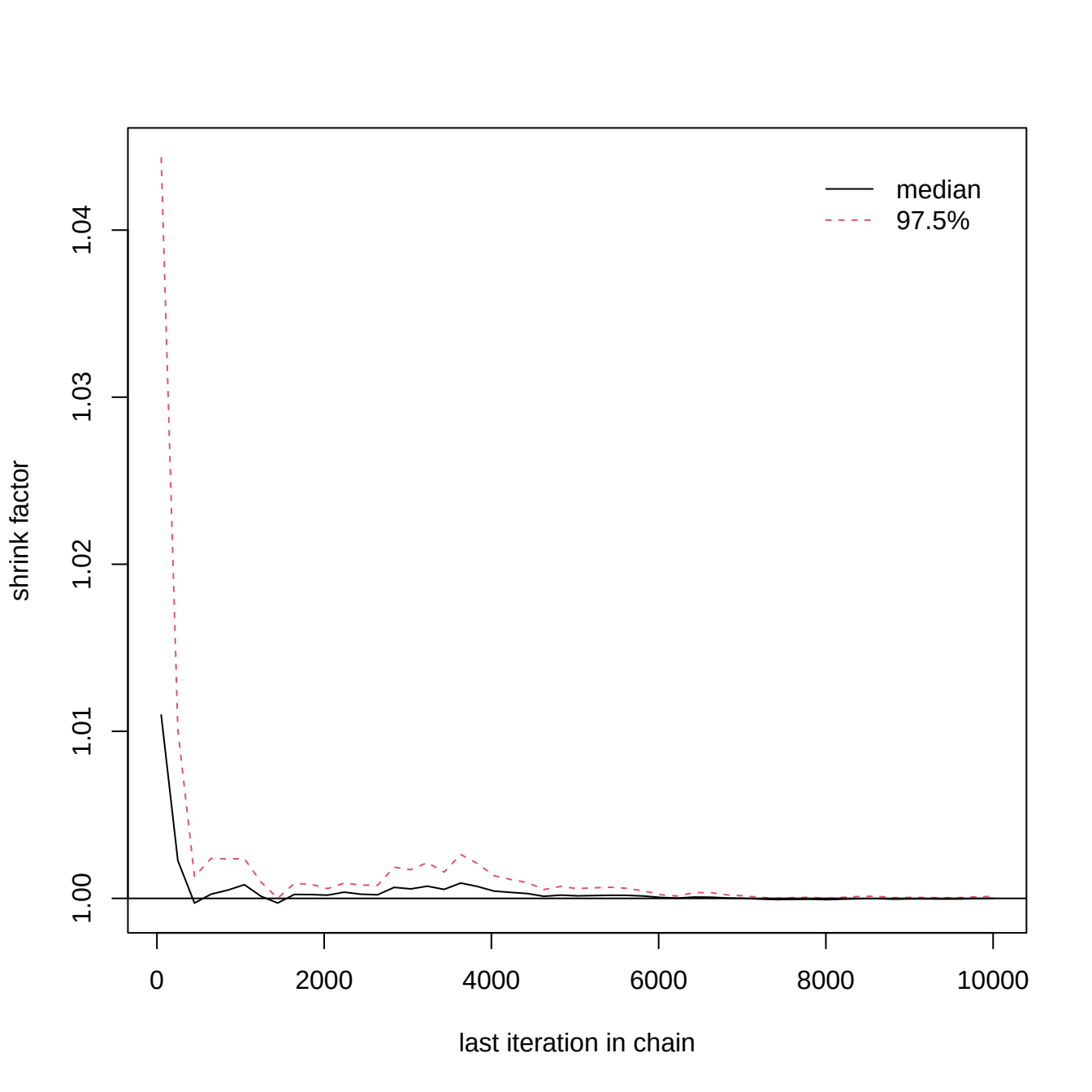

X_1 chain 6
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
35
Lag

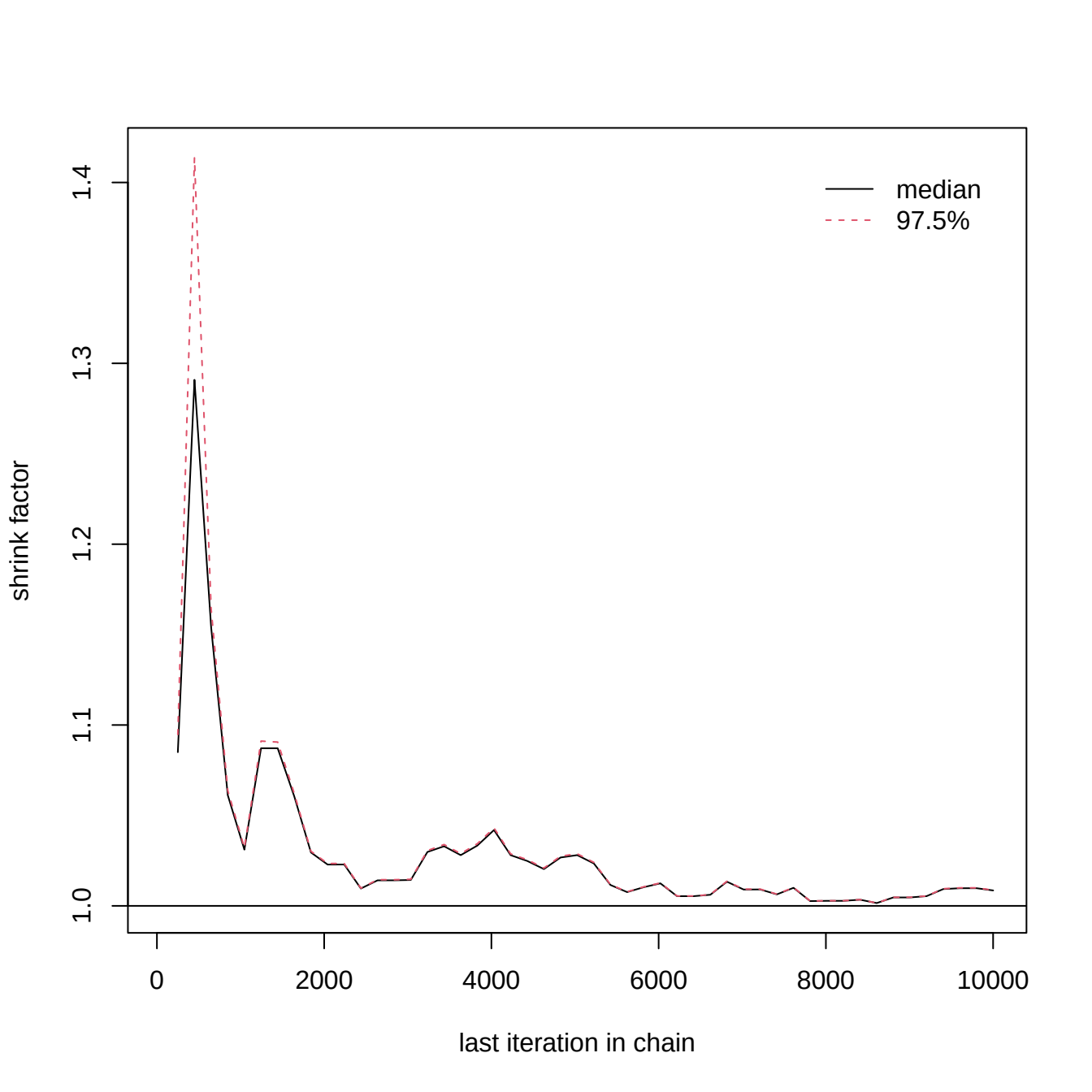

median
97.5%
shrink factor
1.000
1.005
1.010
1.015
1.020
1.025
0
2000
4000
6000
8000
10000
last iteration in chain

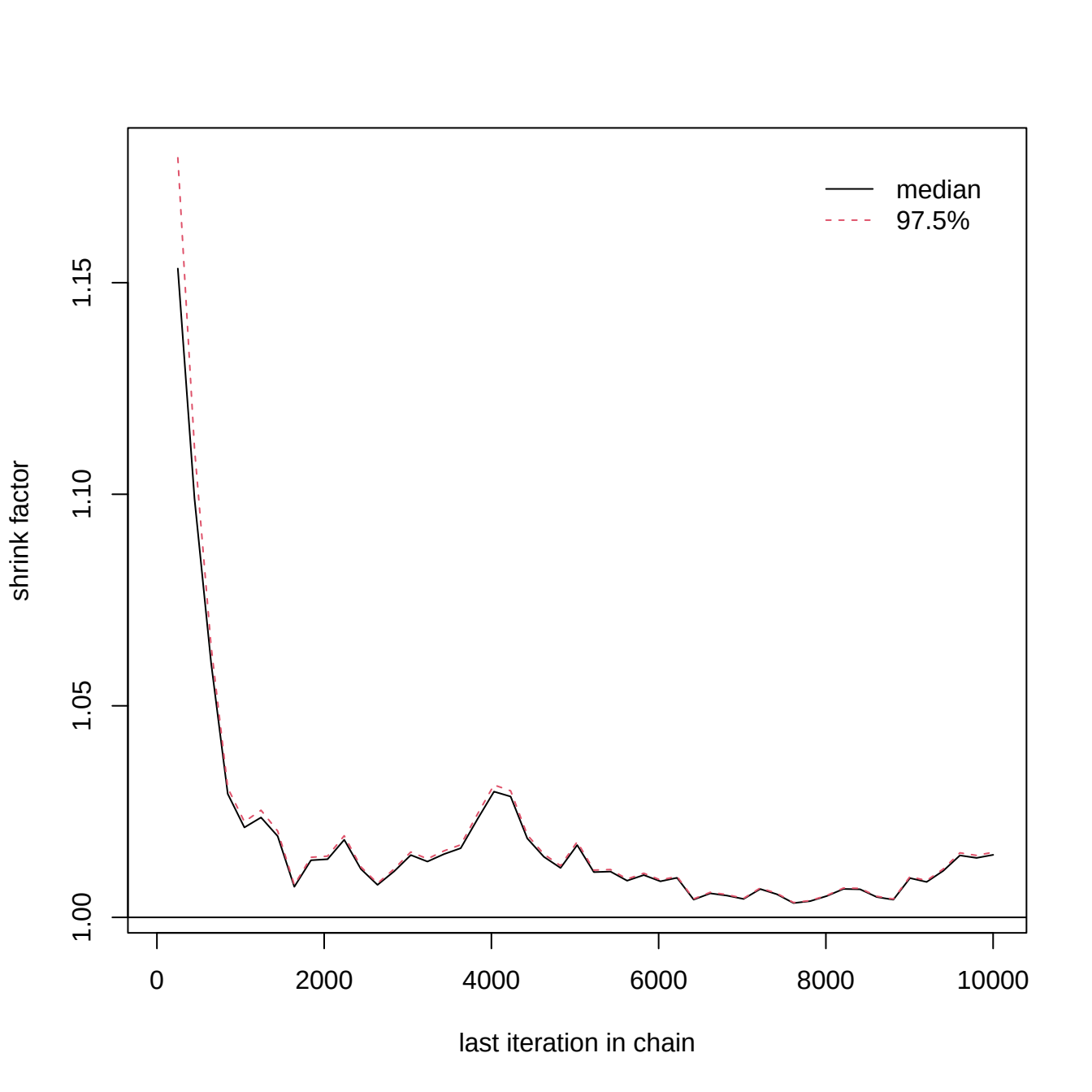

median
97.5%
shrink factor
1.15
1.20
1.25
1.30
1.35
0
2000
4000
6000
8000
10000
last iteration in chain

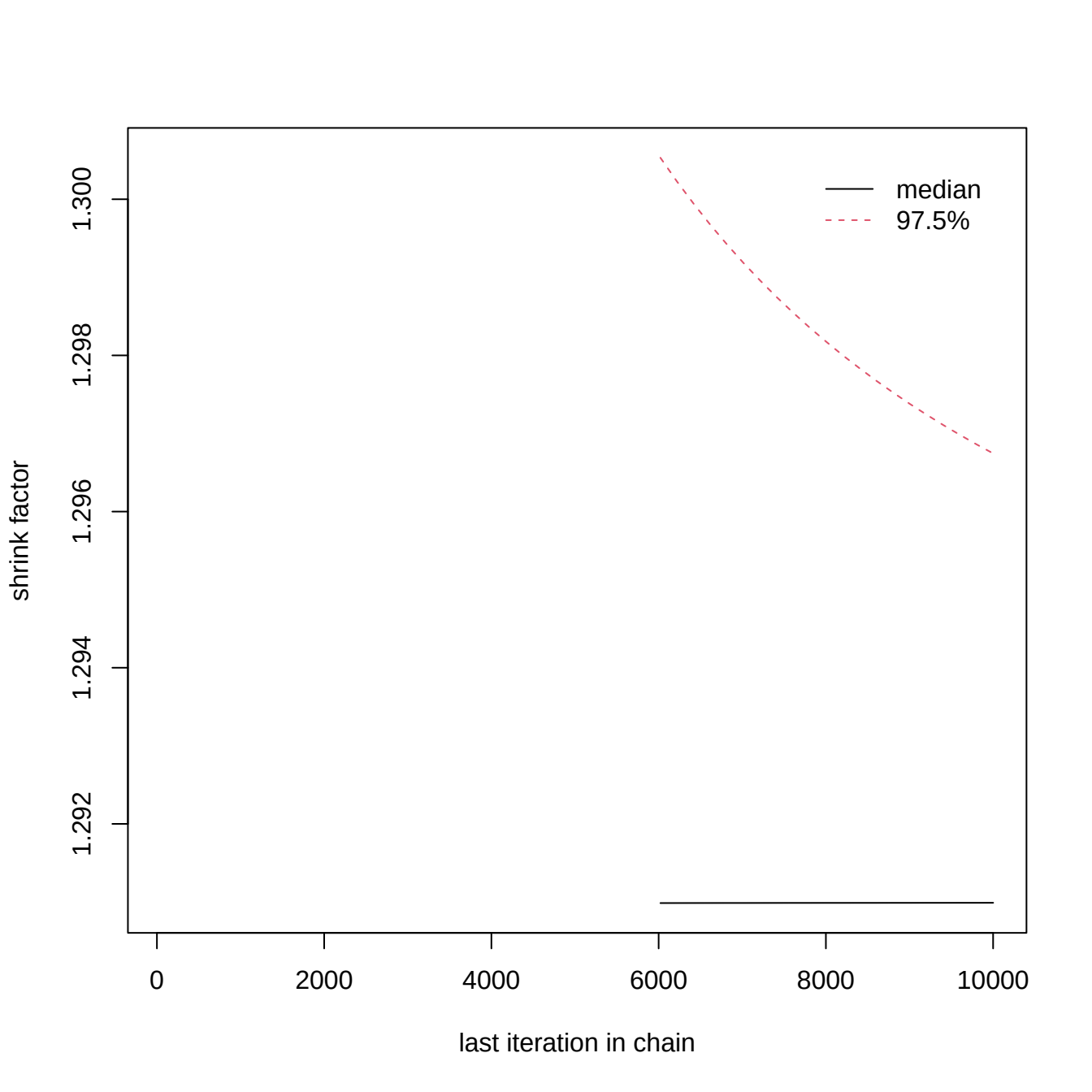

shrink factor
1.291
1.292
1.293
1.294
1.295
1.296
1.297
1.298
median
97.5%
0
2000
4000
6000
8000
10000
last iteration in chain

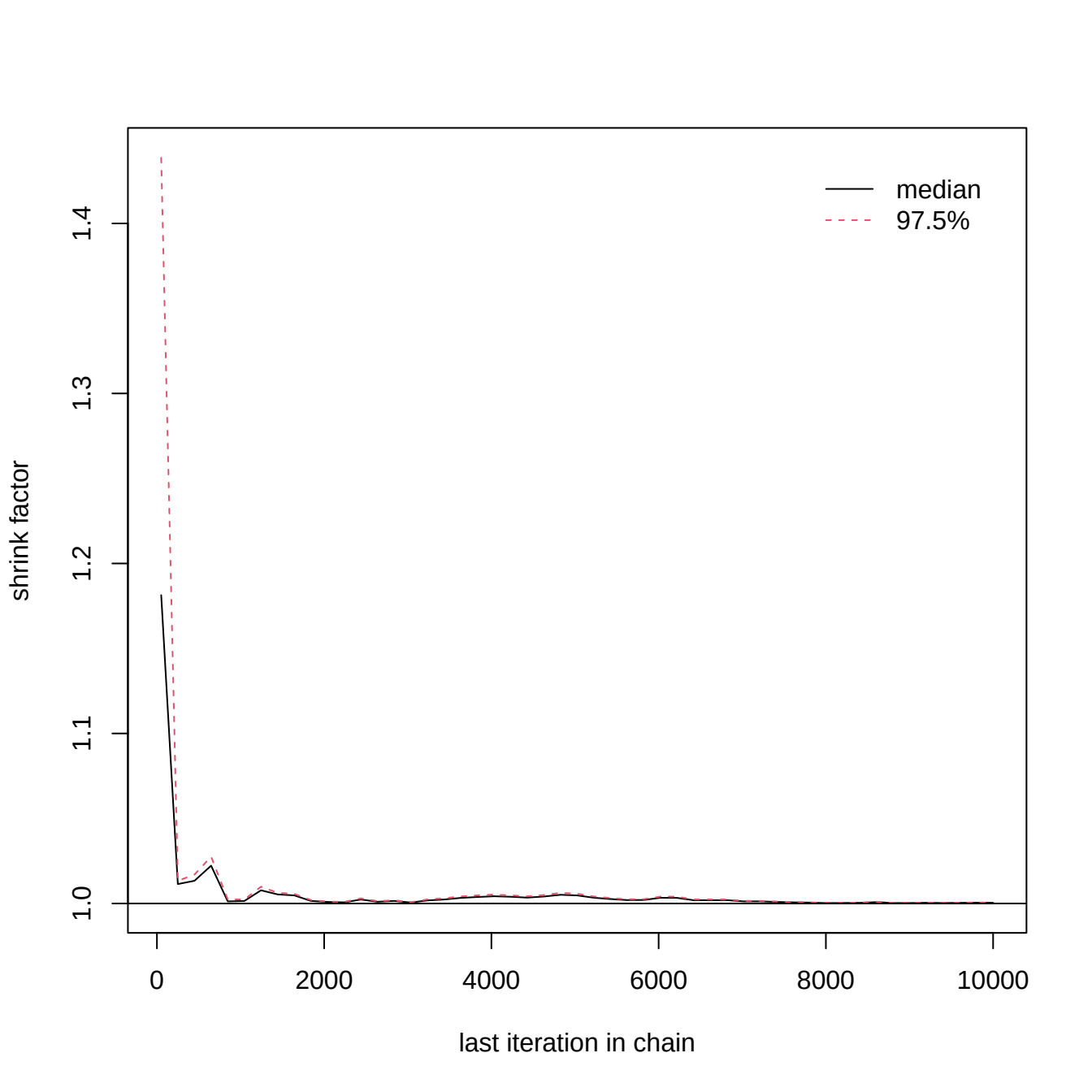

median
97.5%
shrink factor
1.0
1.1
1.2
1.3
1.4
1.5
0
2000
4000
6000
8000
10000
last iteration in chain

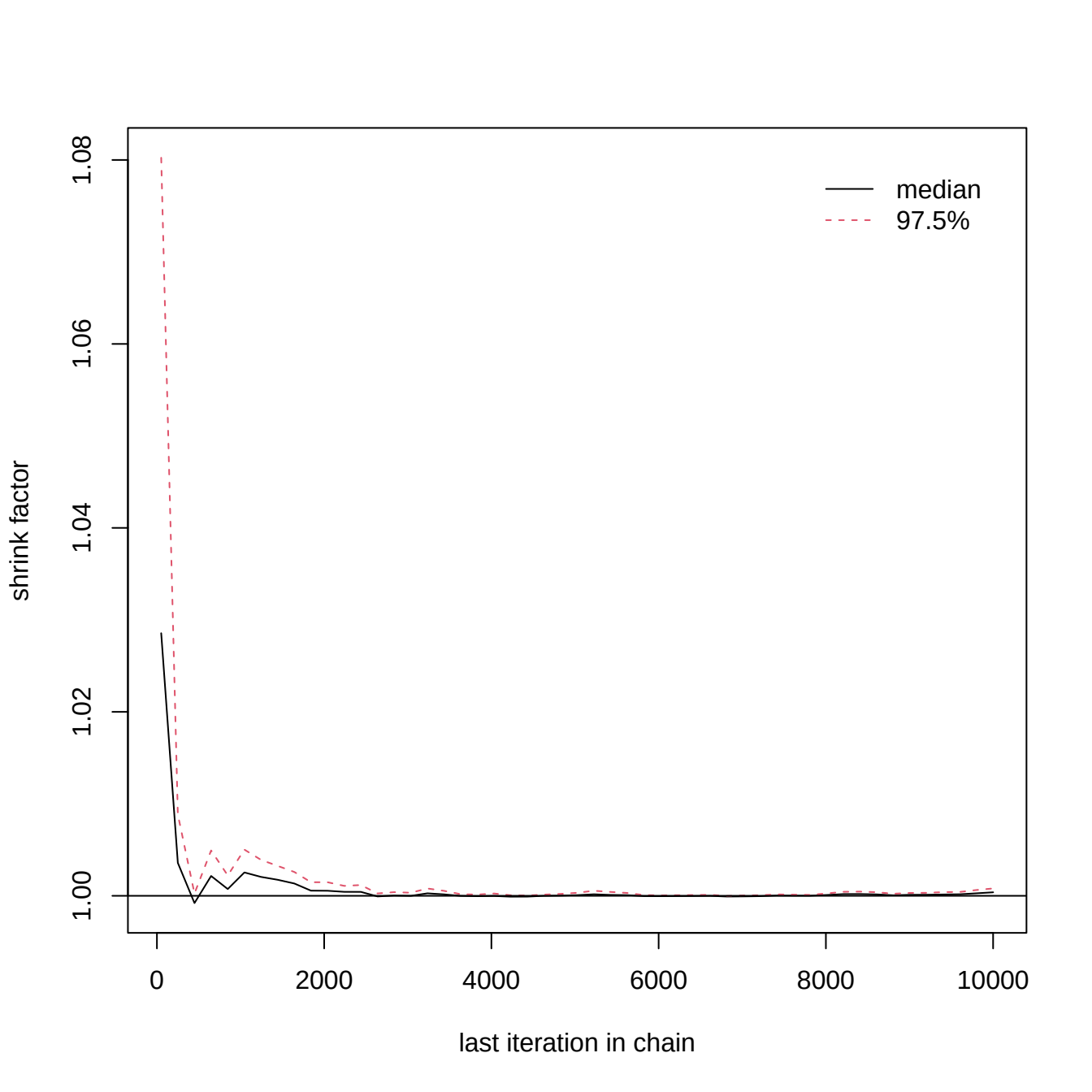

median
97.5%
shrink factor
1.00
1.01
1.02
1.03
1.04
0
2000
4000
6000
8000
10000
last iteration in chain

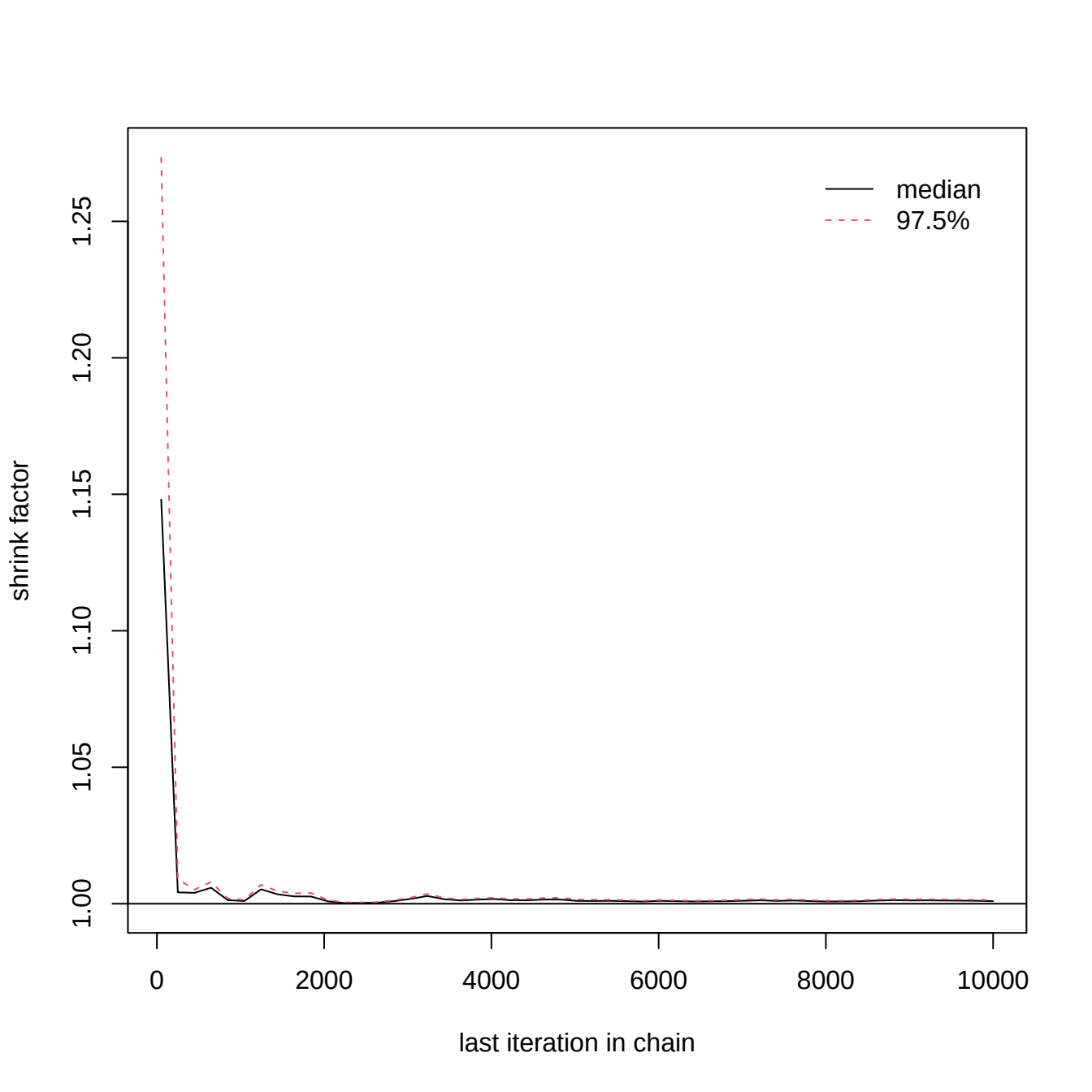

median
97.5%
shrink factor
1.0
1.1
1.2
1.3
1.4
0
2000
4000
6000
8000
10000
last iteration in chain

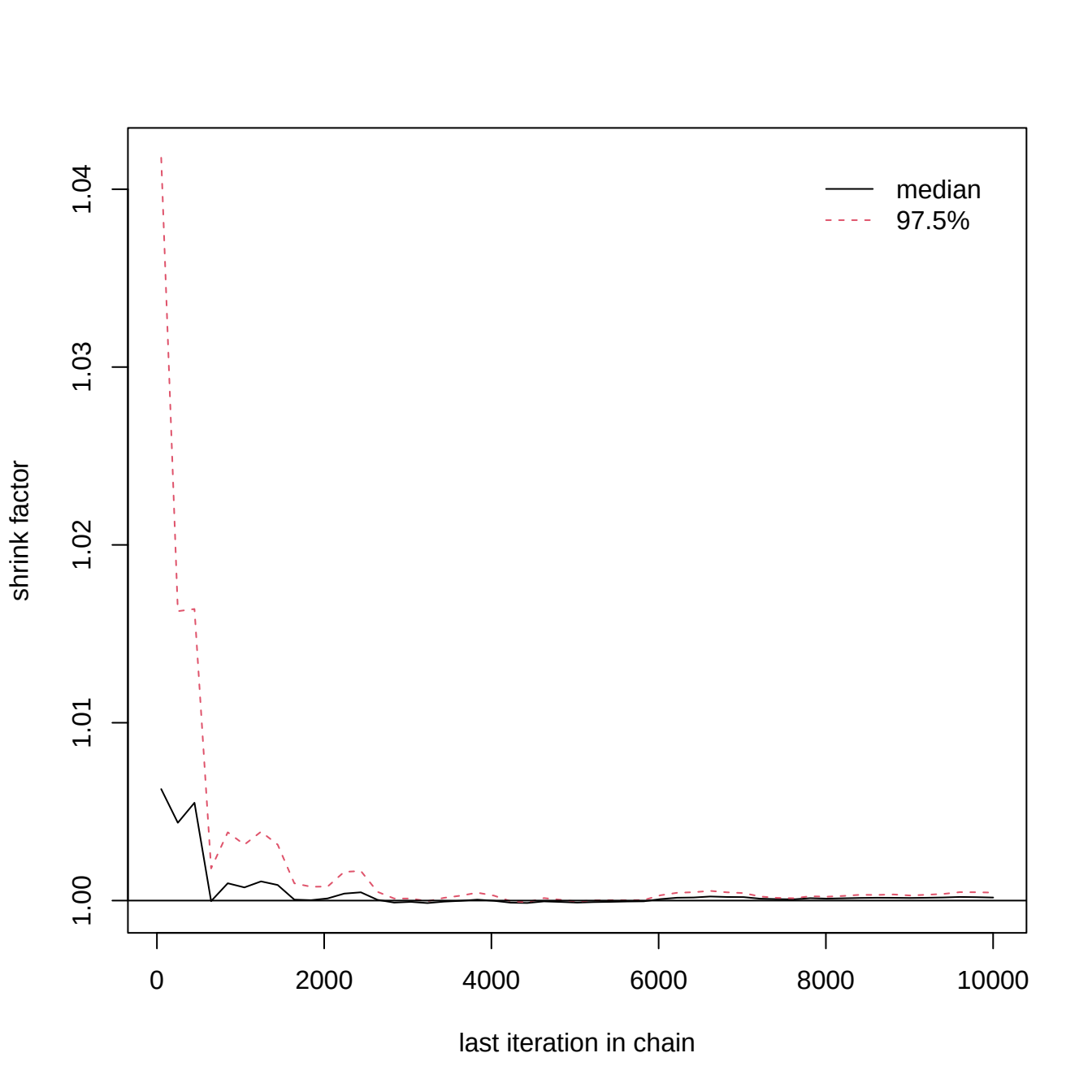

median
97.5%
shrink factor
1.00
1.05
1.10
1.15
0
2000
4000
6000
8000
10000
last iteration in chain

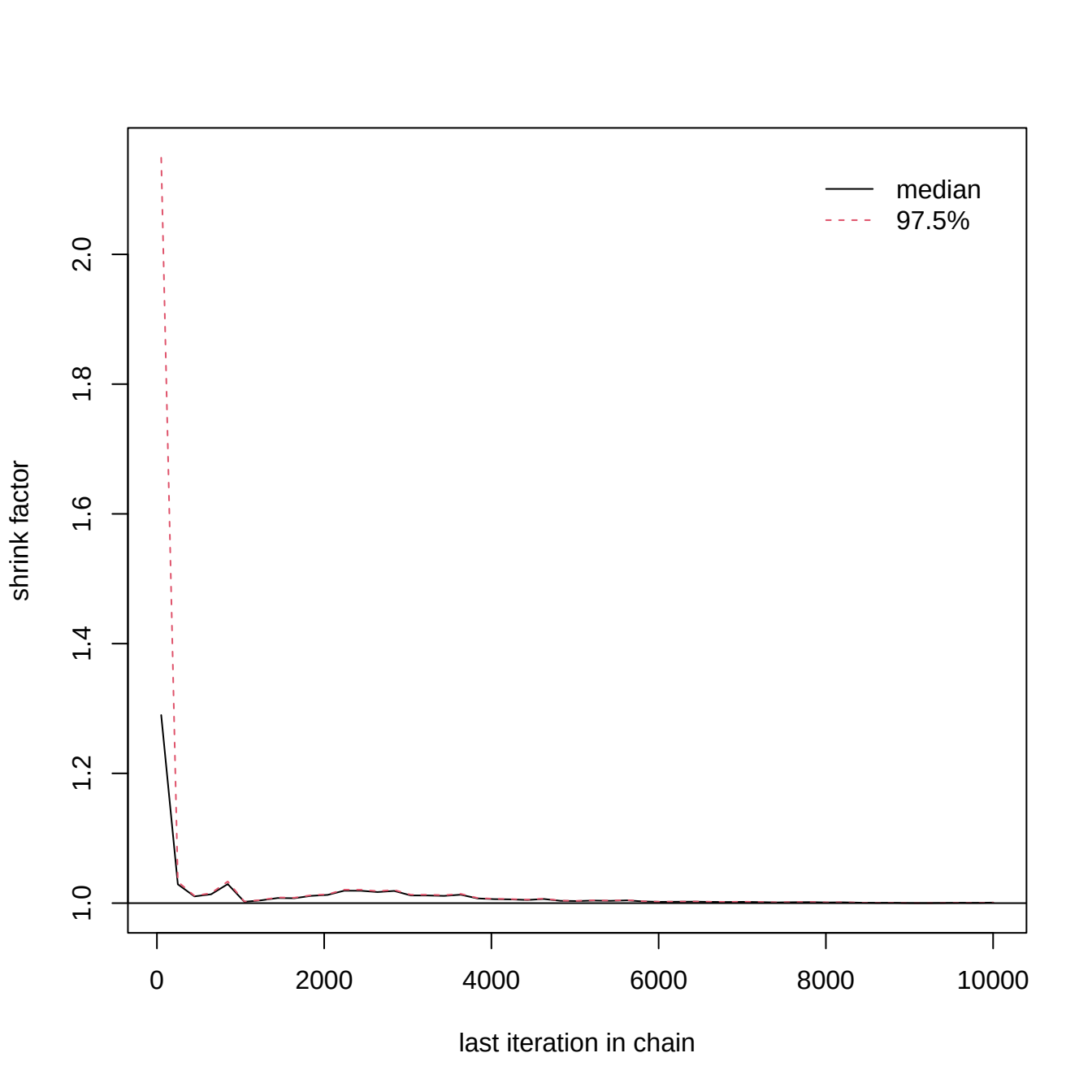

median
97.5%
shrink factor
1.300
1.298
1.296
1.294
1.292
0
2000
4000
6000
8000
10000
last iteration in chain

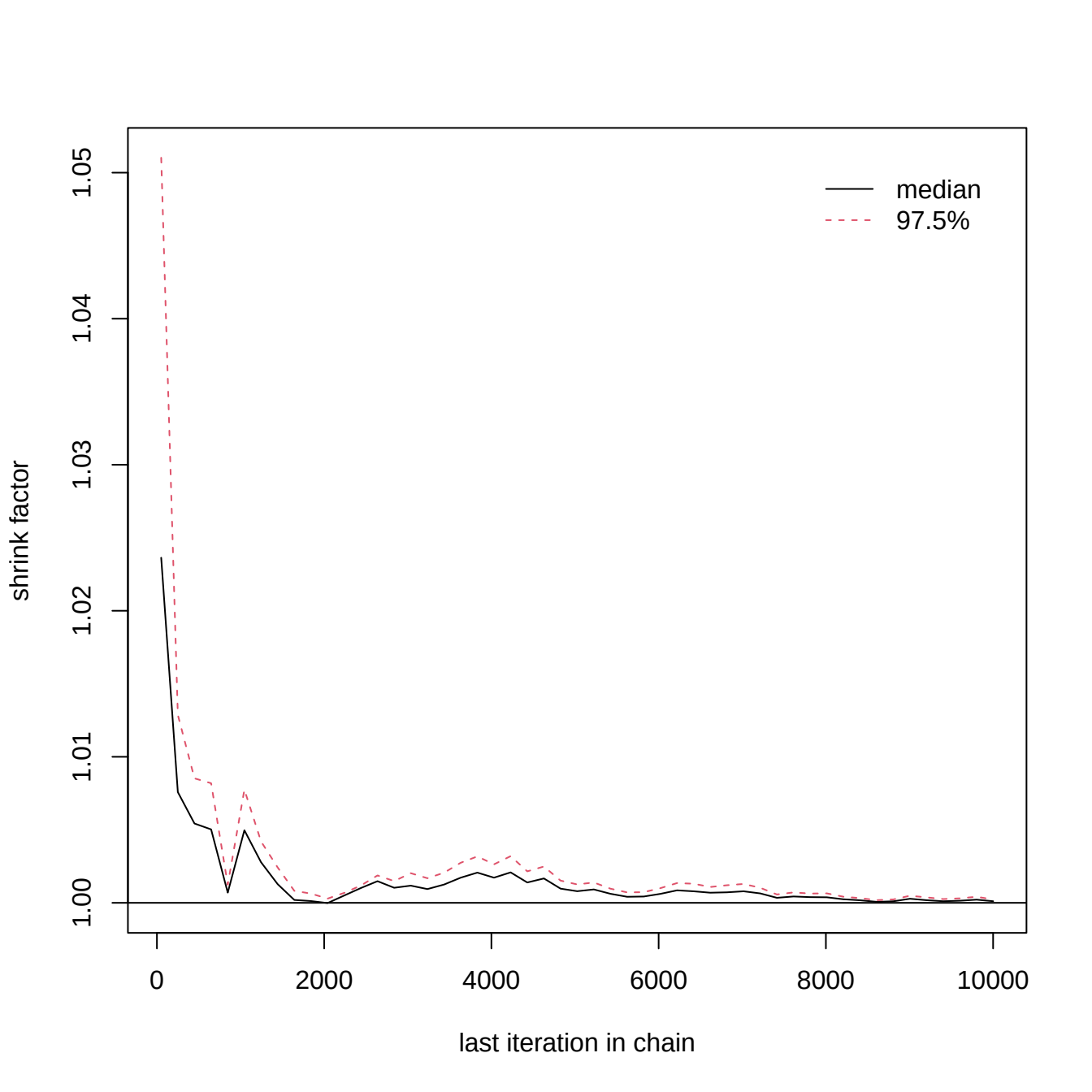

median
97.5%
shrink factor
1.0
1.1
1.2
1.3
1.4
0
2000
4000
6000
8000
10000
last iteration in chain

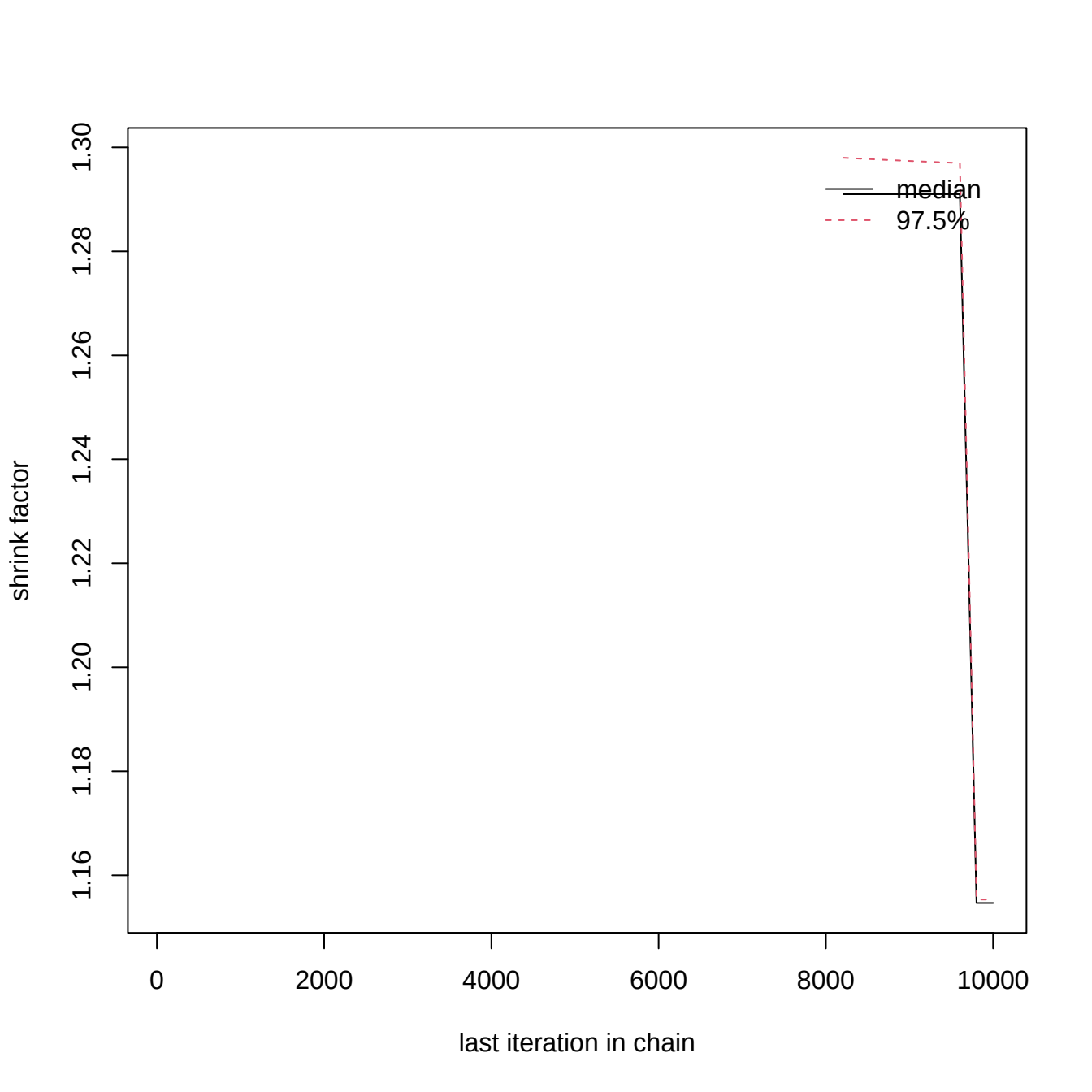

median
97.5%
shrink factor
1.00
1.02
1.04
1.06
1.08
0
2000
4000
6000
8000
10000
last iteration in chain

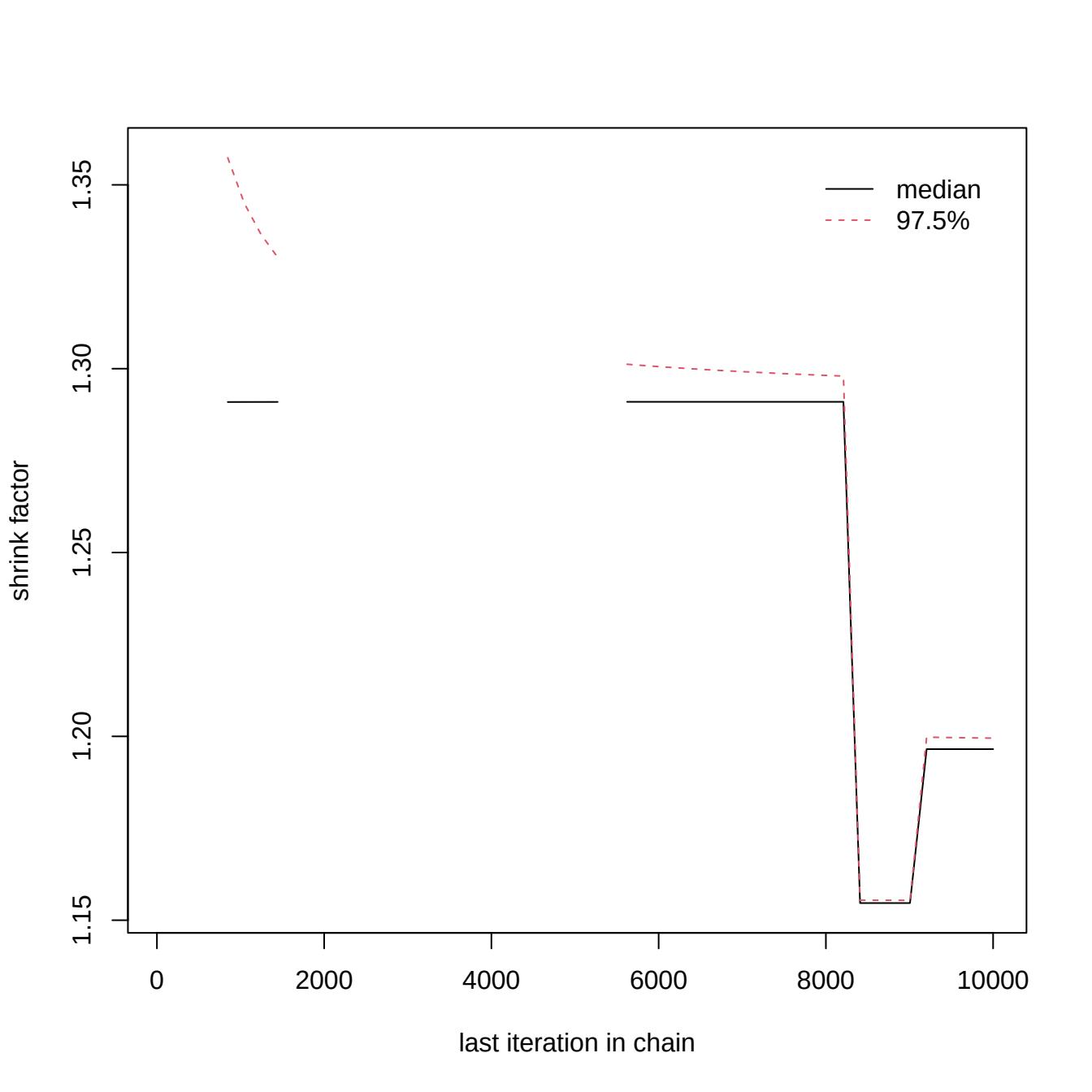

median
97.5%
shrink factor
1.00
1.05
1.10
1.15
1.20
1.25
0
2000
4000
6000
8000
10000
last iteration in chain

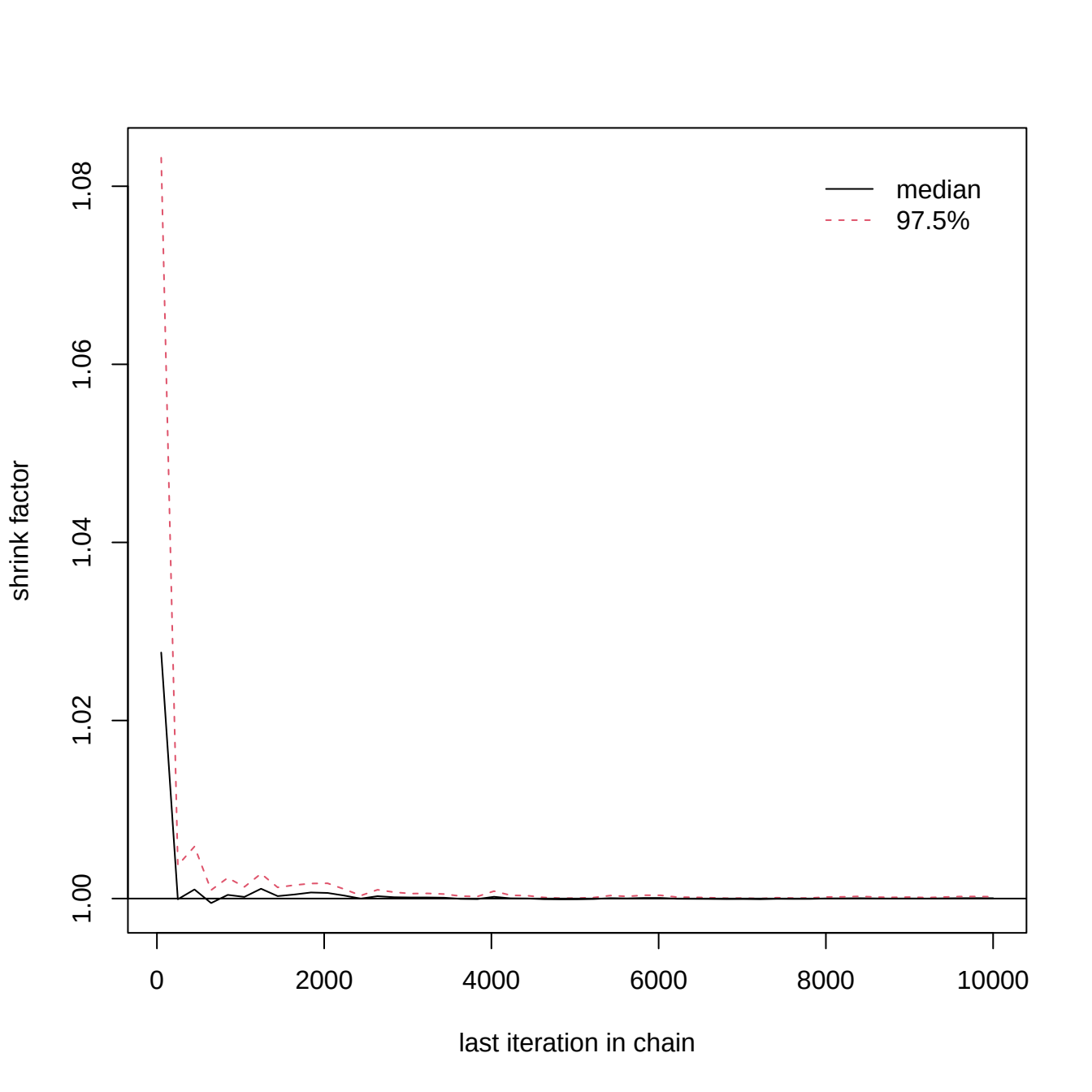

median
97.5%
shrink factor
1.00
1.01
1.02
1.03
1.04
0
2000
4000
6000
8000
10000
last iteration in chain


median
97.5%
shrink factor
1.0
1.2
1.4
1.6
1.8
2.0
0
2000
4000
6000
8000
10000
last iteration in chain


median
97.5%
shrink factor
1.00
1.01
1.02
1.03
1.04
1.05
0
2000
4000
6000
8000
10000
last iteration in chain


median
97.5%
shrink factor
1.16
1.18
1.20
1.22
1.24
1.26
1.28
1.30
0
2000
4000
6000
8000
10000
last iteration in chain


median
97.5%
shrink factor
1.15
1.20
1.25
1.30
1.35
0
2000
4000
6000
8000
10000
last iteration in chain


median
97.5%
shrink factor
1.00
1.02
1.04
1.06
1.08
0
2000
4000
6000
8000
10000
last iteration in chain