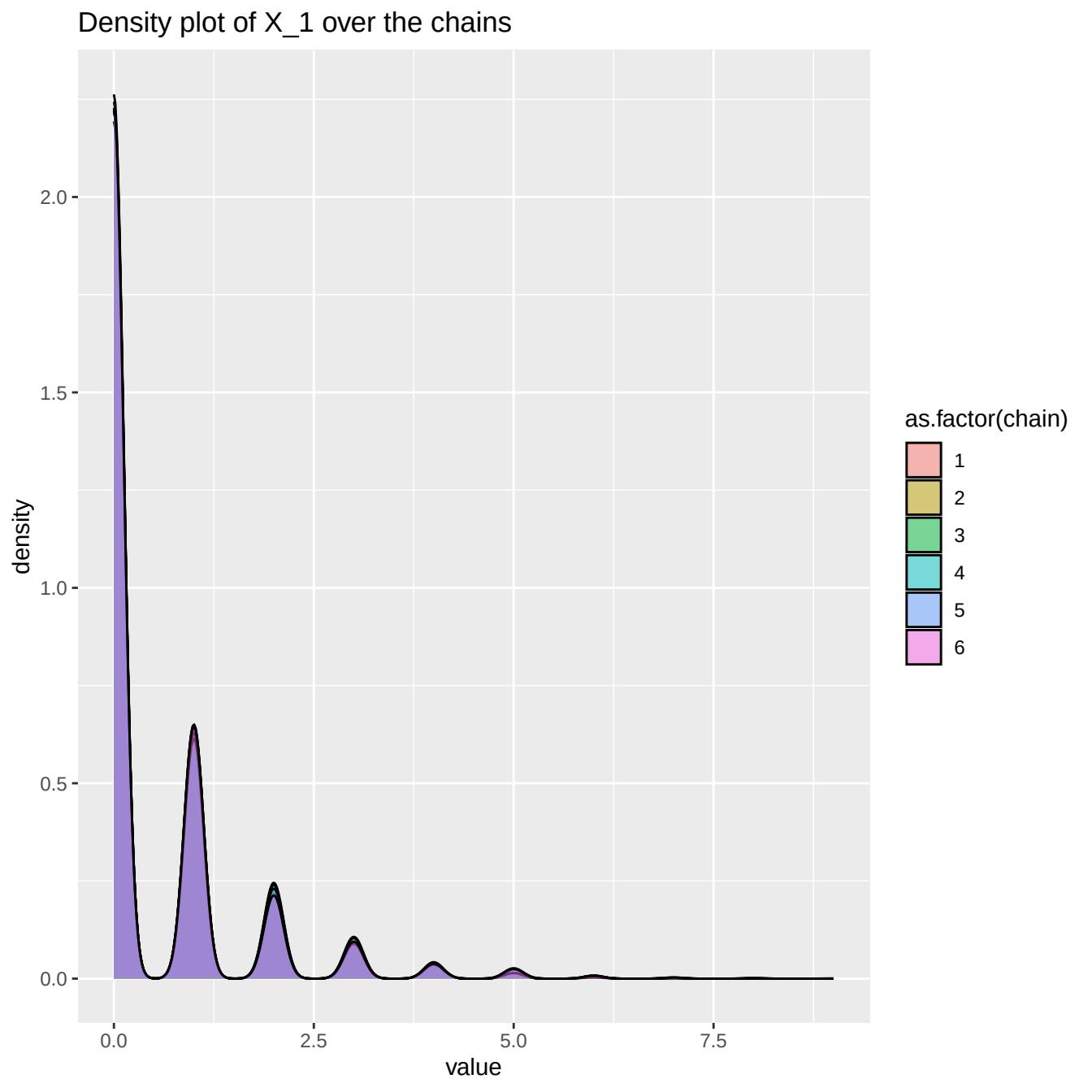
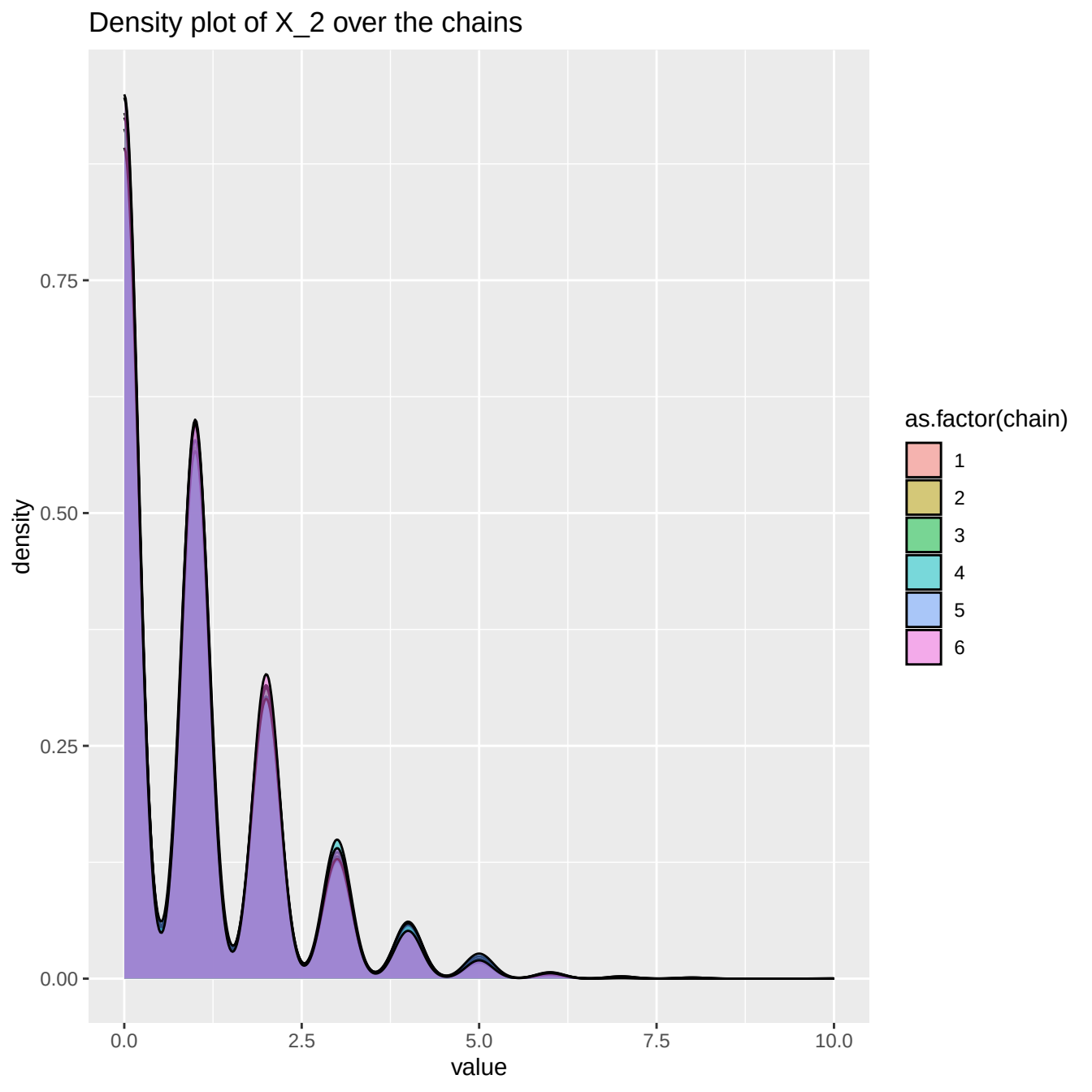
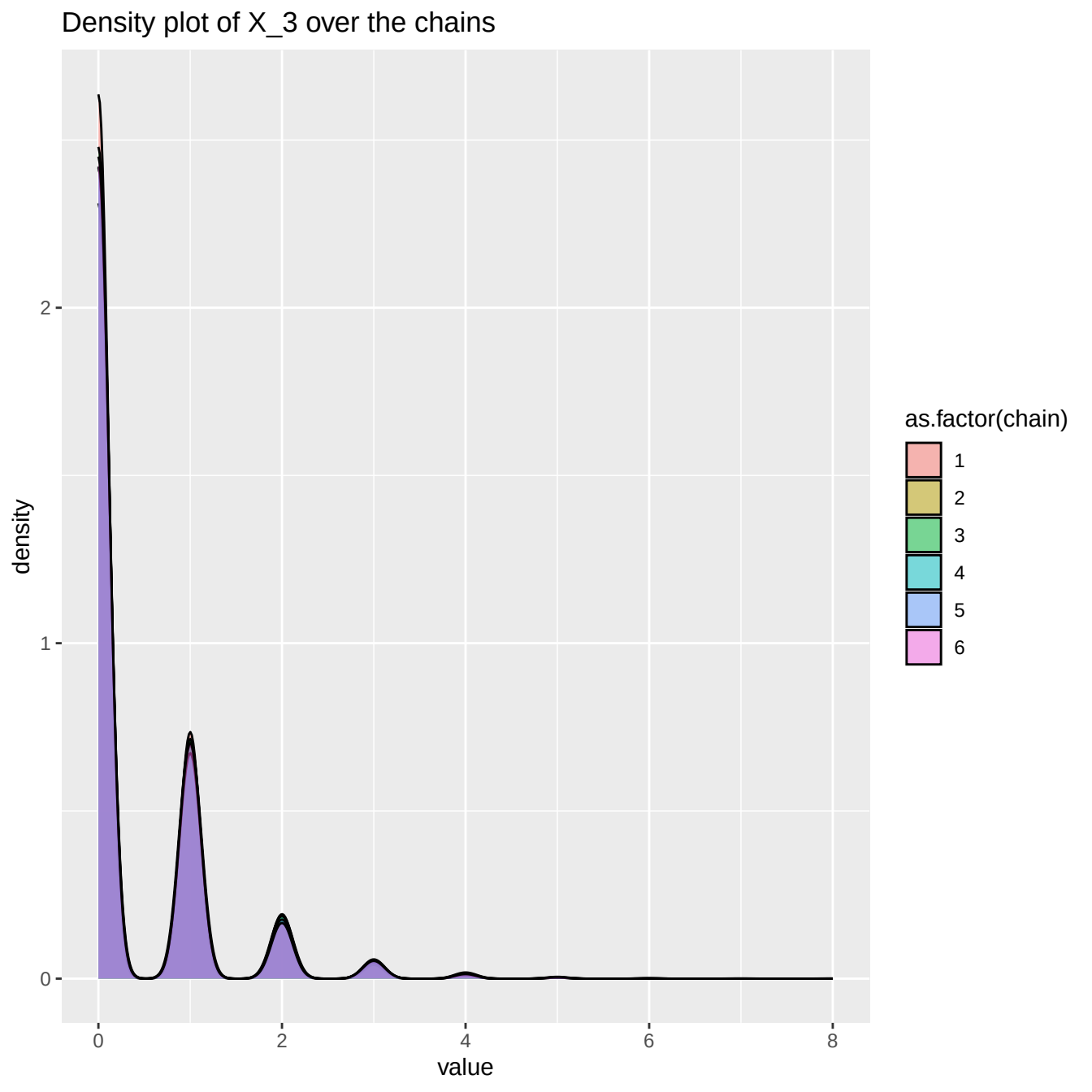
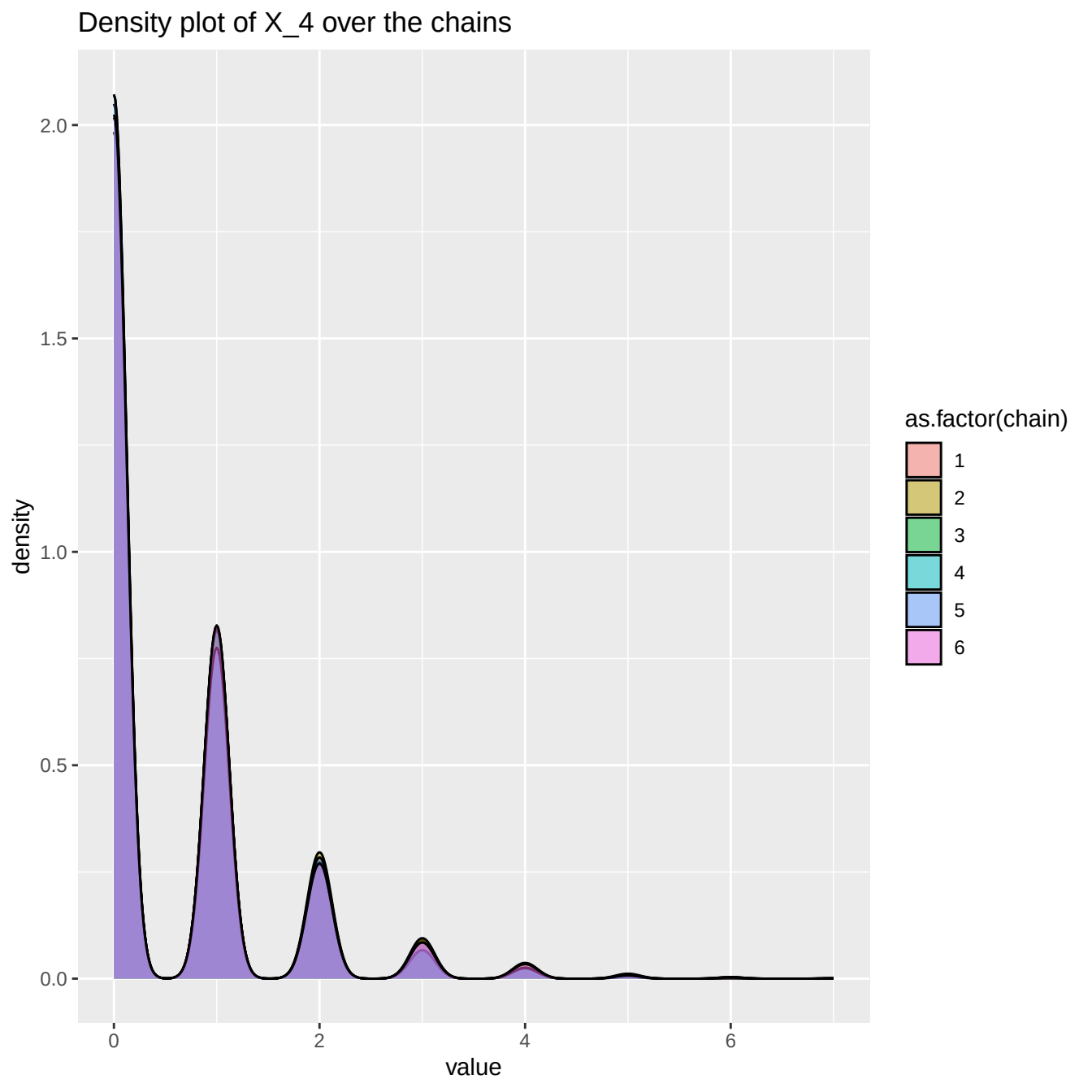
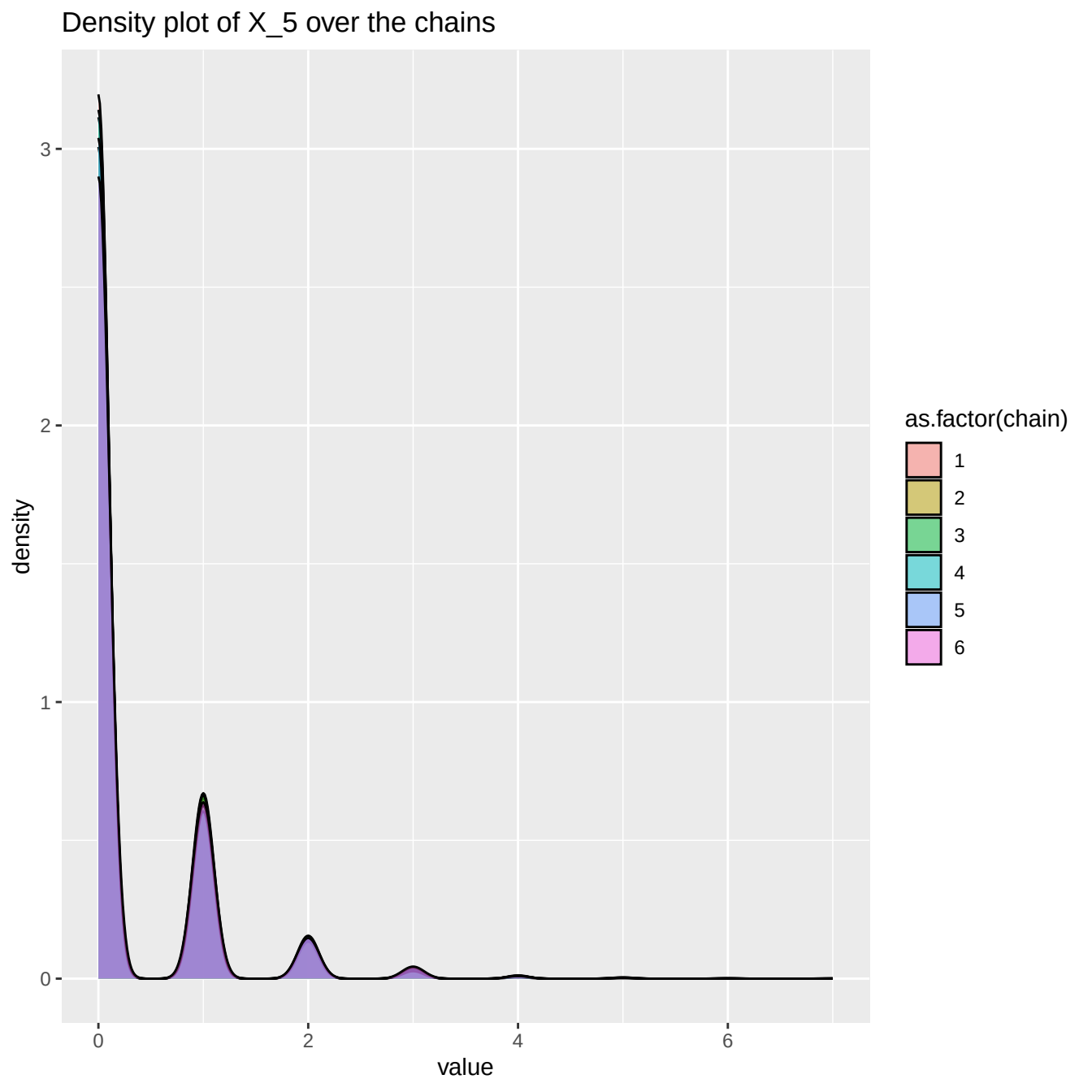
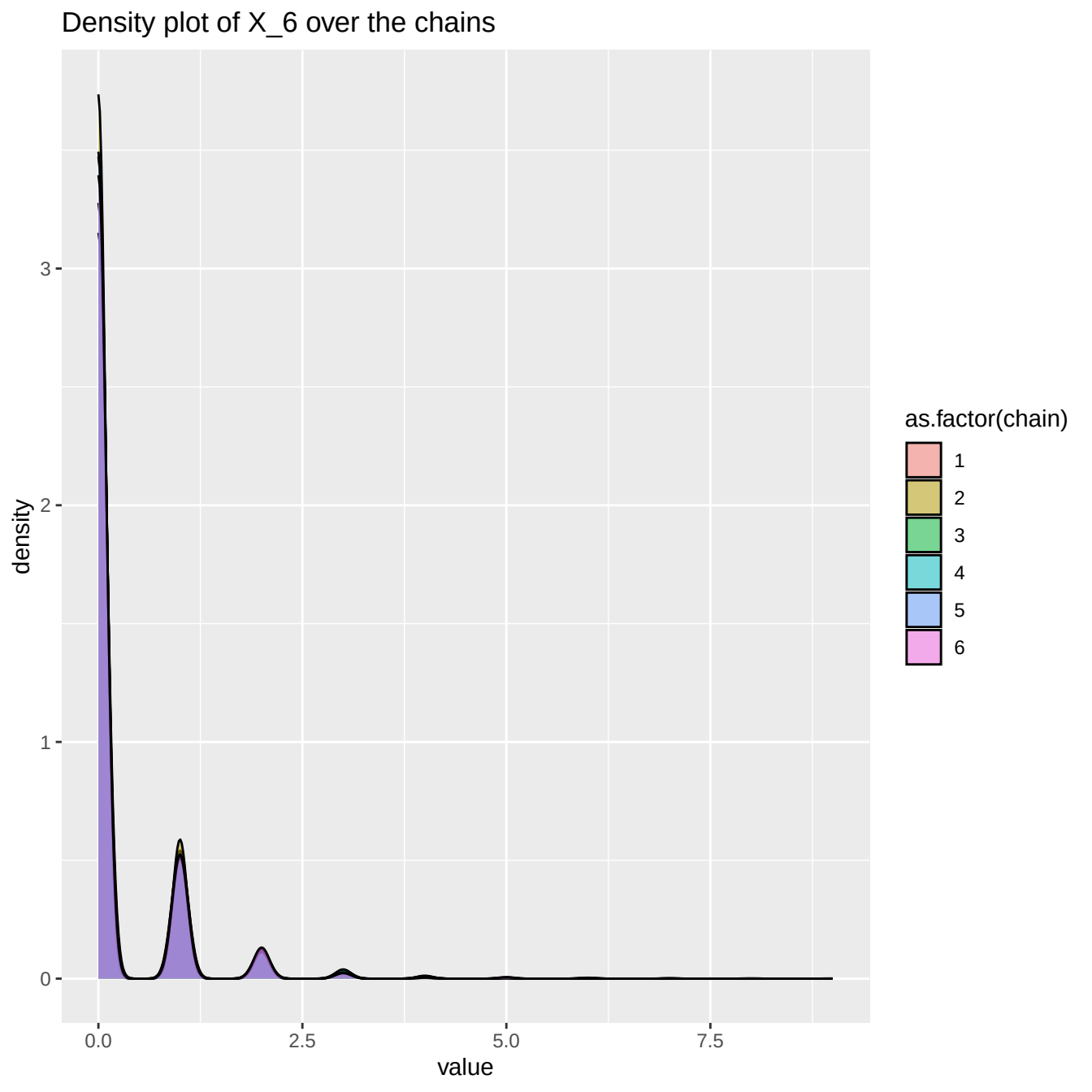

Density plot of X_1 over the chains
density
value
0.0
0.5
1.0
1.5
2.0
0.0
2.5
5.0
7.5
as.factor(chain)
1
2
3
4
5
6

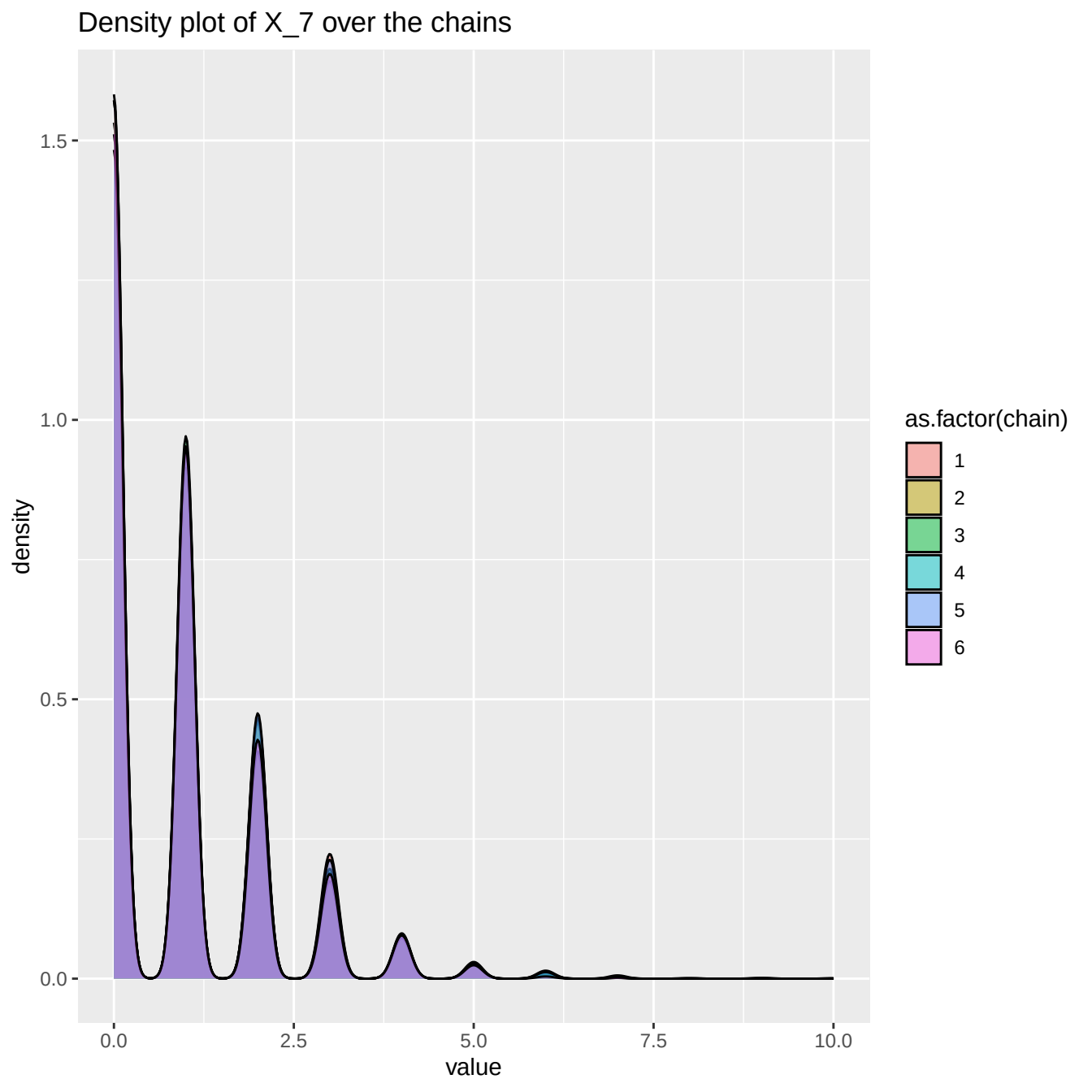

Density plot of X_2 over the chains
density
0.00
0.25
0.50
0.75
0.0
2.5
5.0
7.5
10.0
value
as.factor(chain)
1
2
3
4
5
6

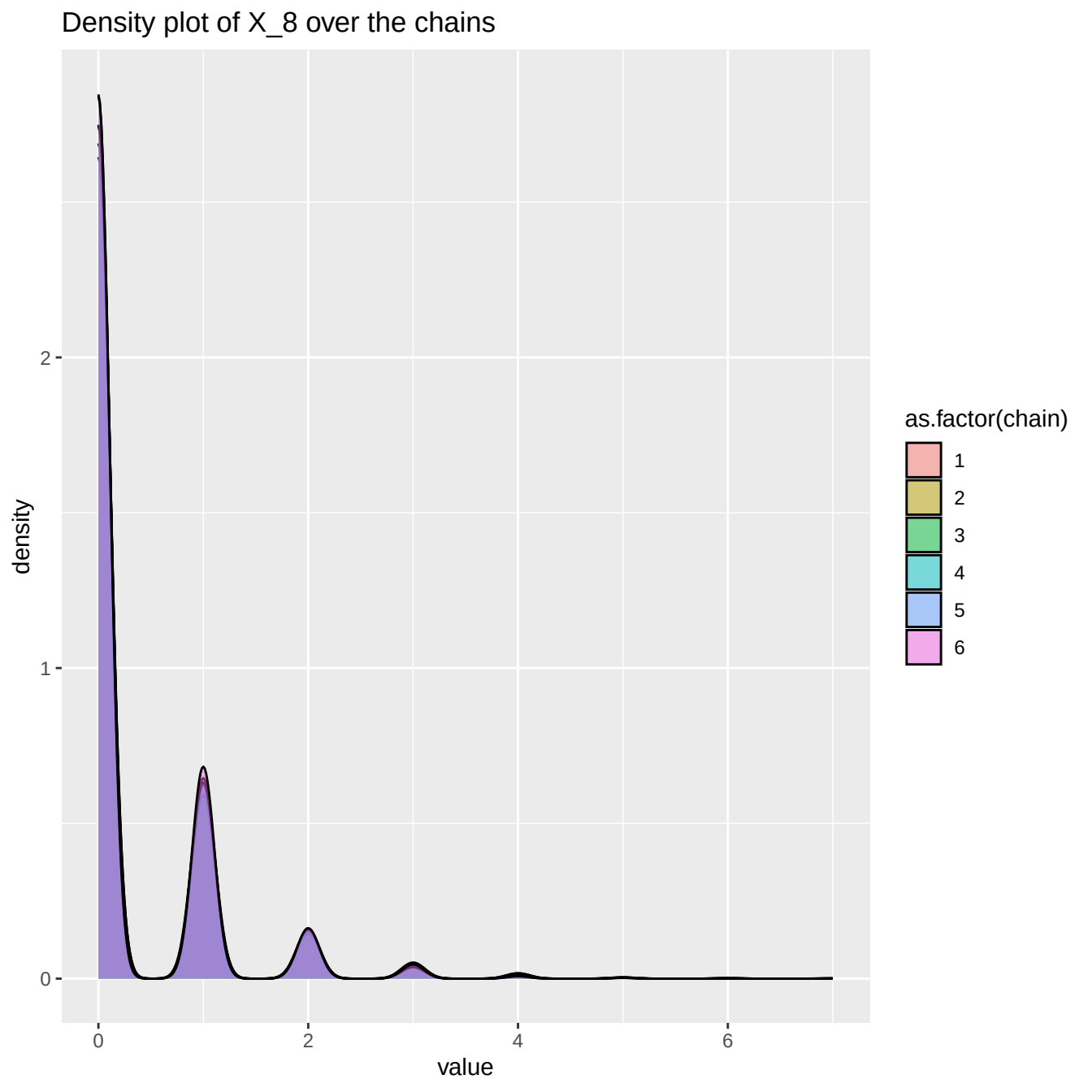

Density plot of X_3 over the chains
density
value
0
1
2
0
2
4
6
8
as.factor(chain)
1
2
3
4
5
6

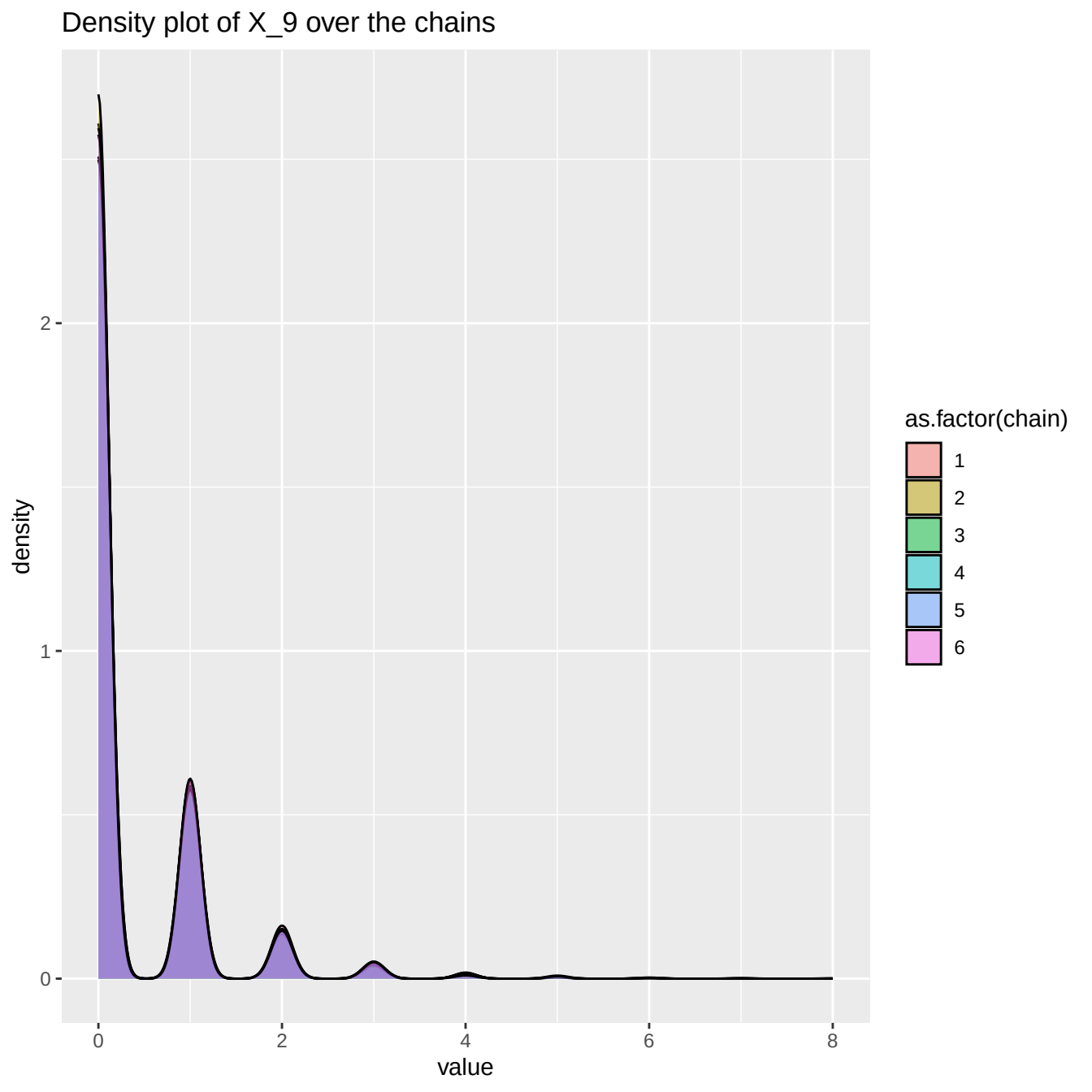

Density plot of X_4 over the chains
density
2.0
1.5
1.0
0.5
0.0
0
2
4
6
value
as.factor(chain)
1
2
3
4
5
6

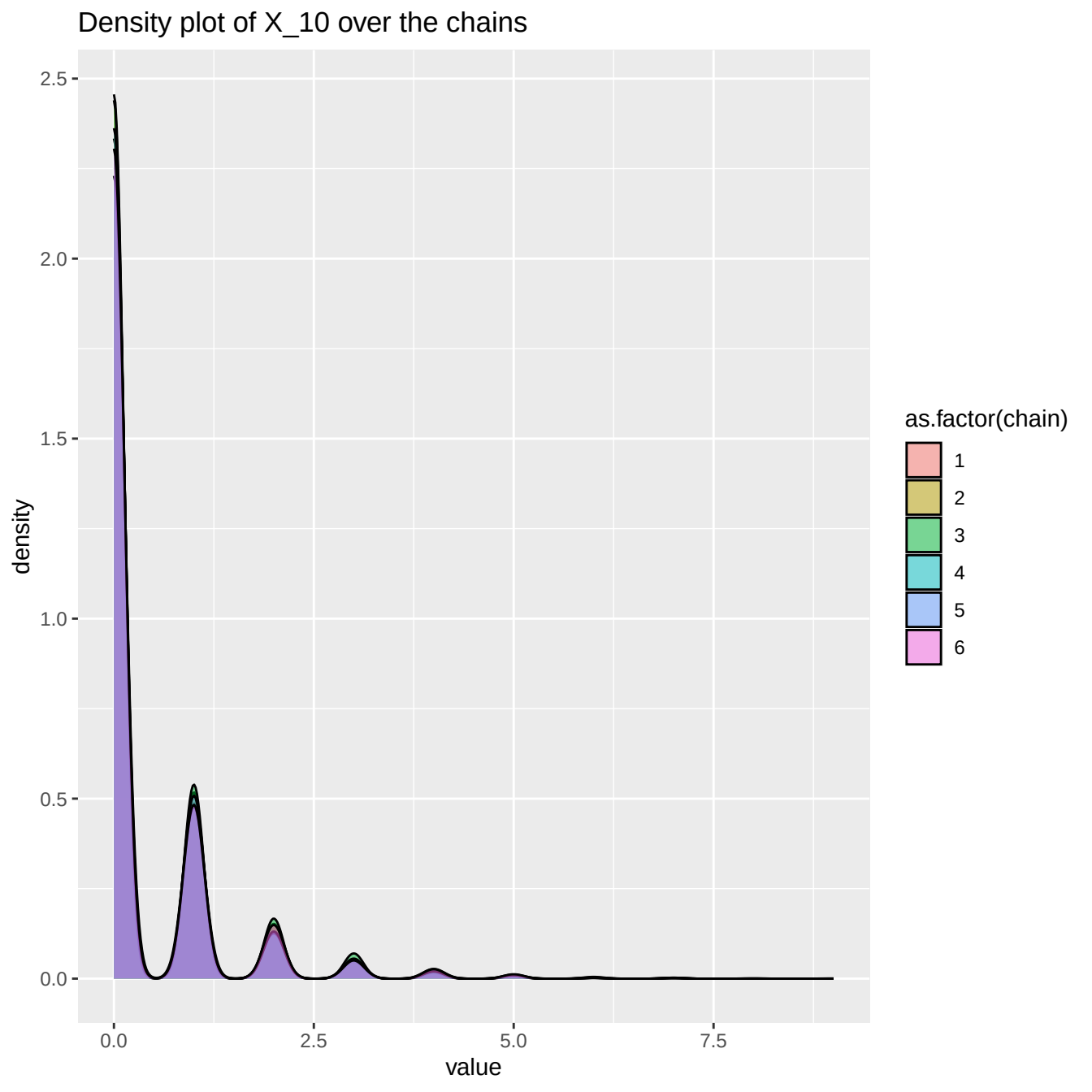

Density plot of X_5 over the chains
density
value
0
1
2
3
0
2
4
6
as.factor(chain)
1
2
3
4
5
6

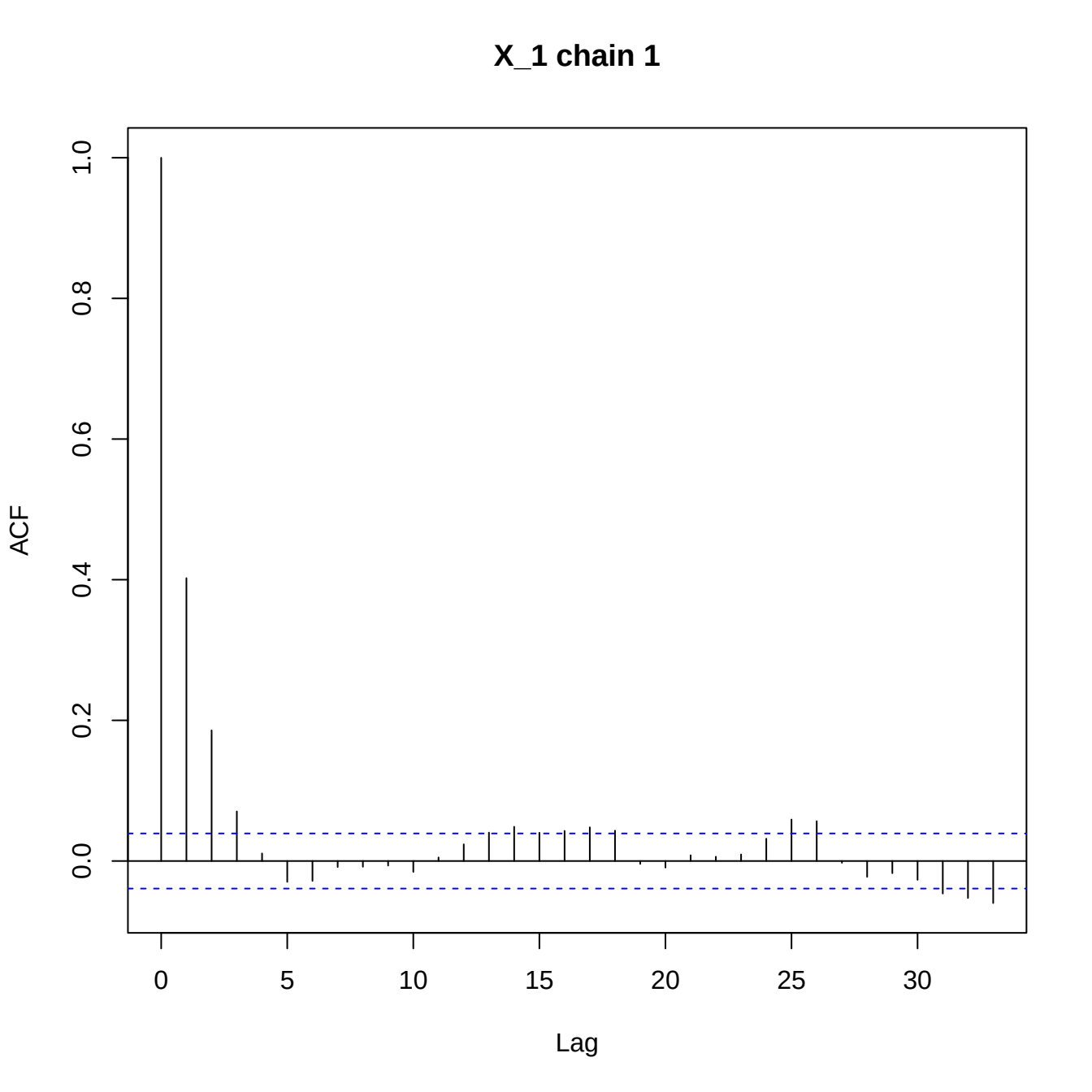

Density plot of X_6 over the chains
density
value
0
1
2
3
0.0
2.5
5.0
7.5
as.factor(chain)
1
2
3
4
5
6

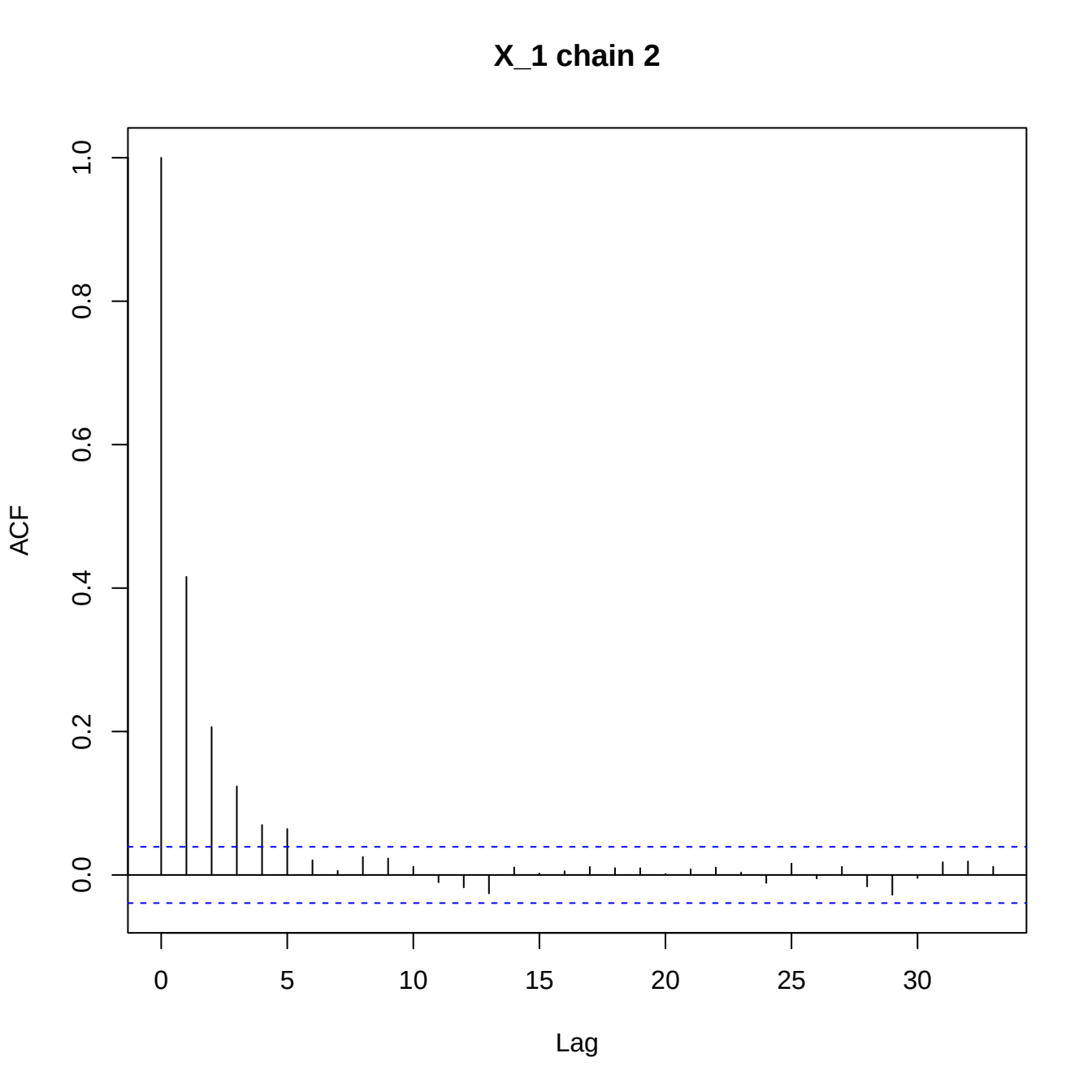

Density plot of X_7 over the chains
density
value
1.5
1.0
0.5
0.0
0.0
2.5
5.0
7.5
10.0
as.factor(chain)
1
2
3
4
5
6

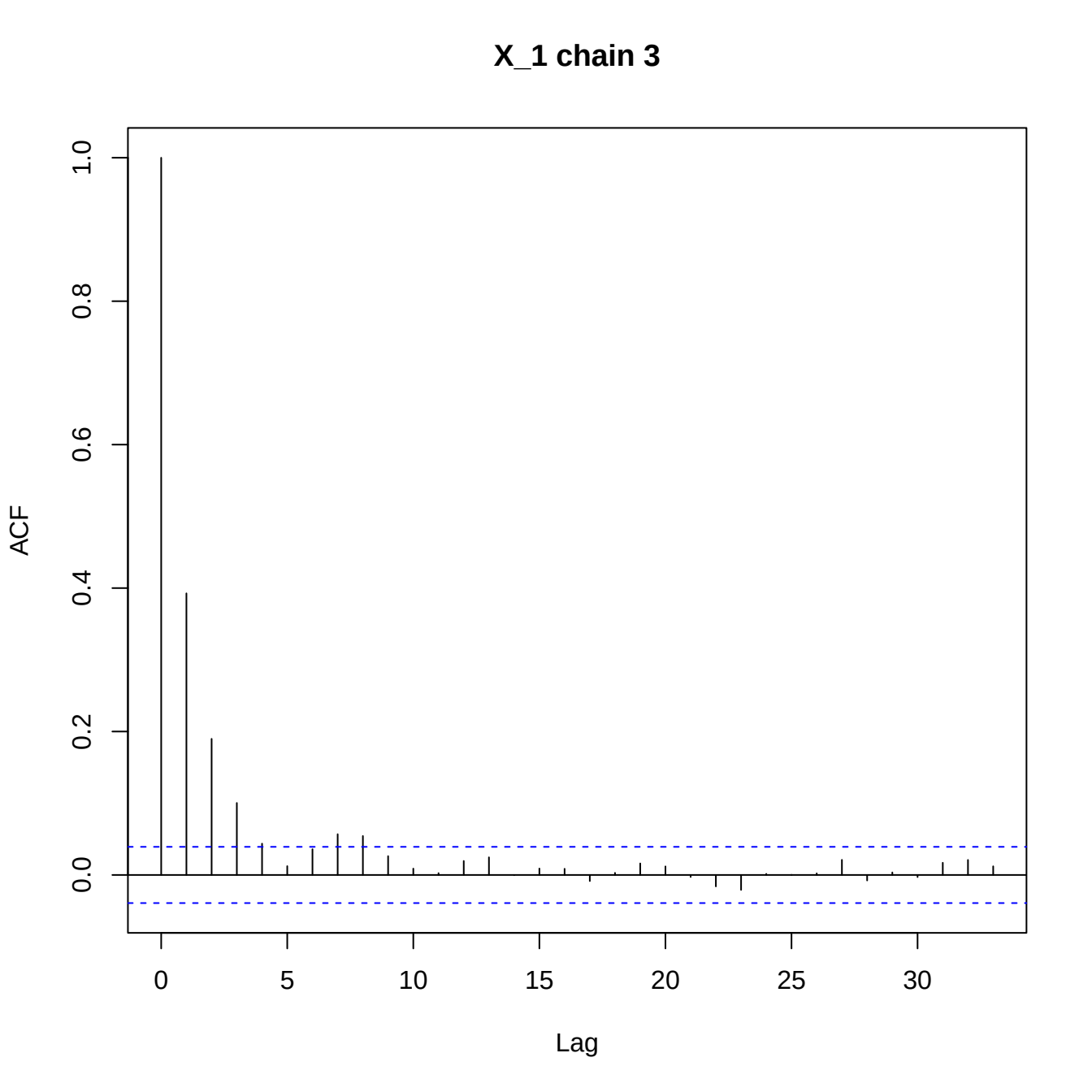

Density plot of X_8 over the chains
density
value
0
1
2
0
2
4
6
as.factor(chain)
1
2
3
4
5
6

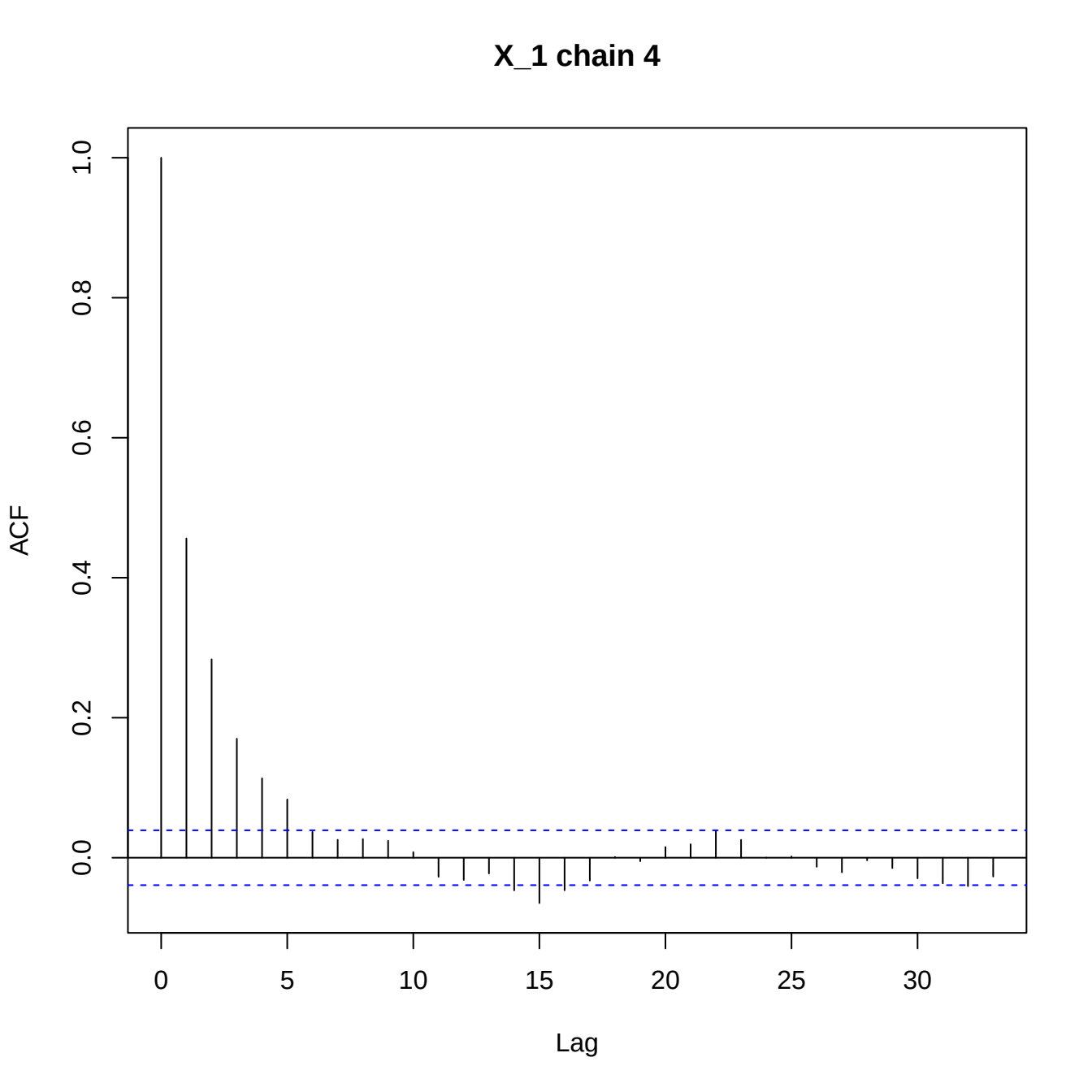

Density plot of X_9 over the chains
density
value
0
1
2
0
2
4
6
8
as.factor(chain)
1
2
3
4
5
6

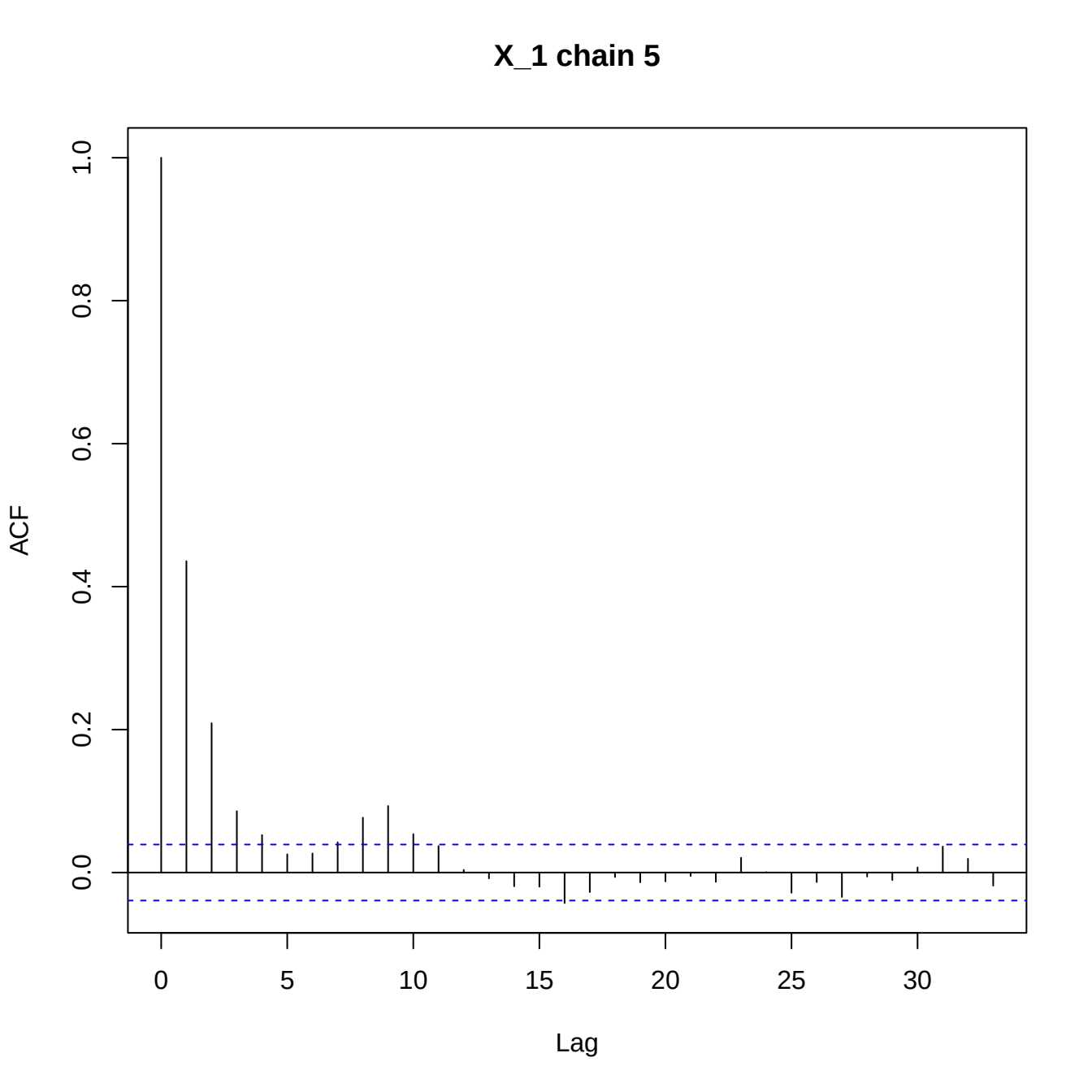

Density plot of X_10 over the chains
density
value
0.0
0.5
1.0
1.5
2.0
2.5
0.0
2.5
5.0
7.5
as.factor(chain)
1
2
3
4
5
6

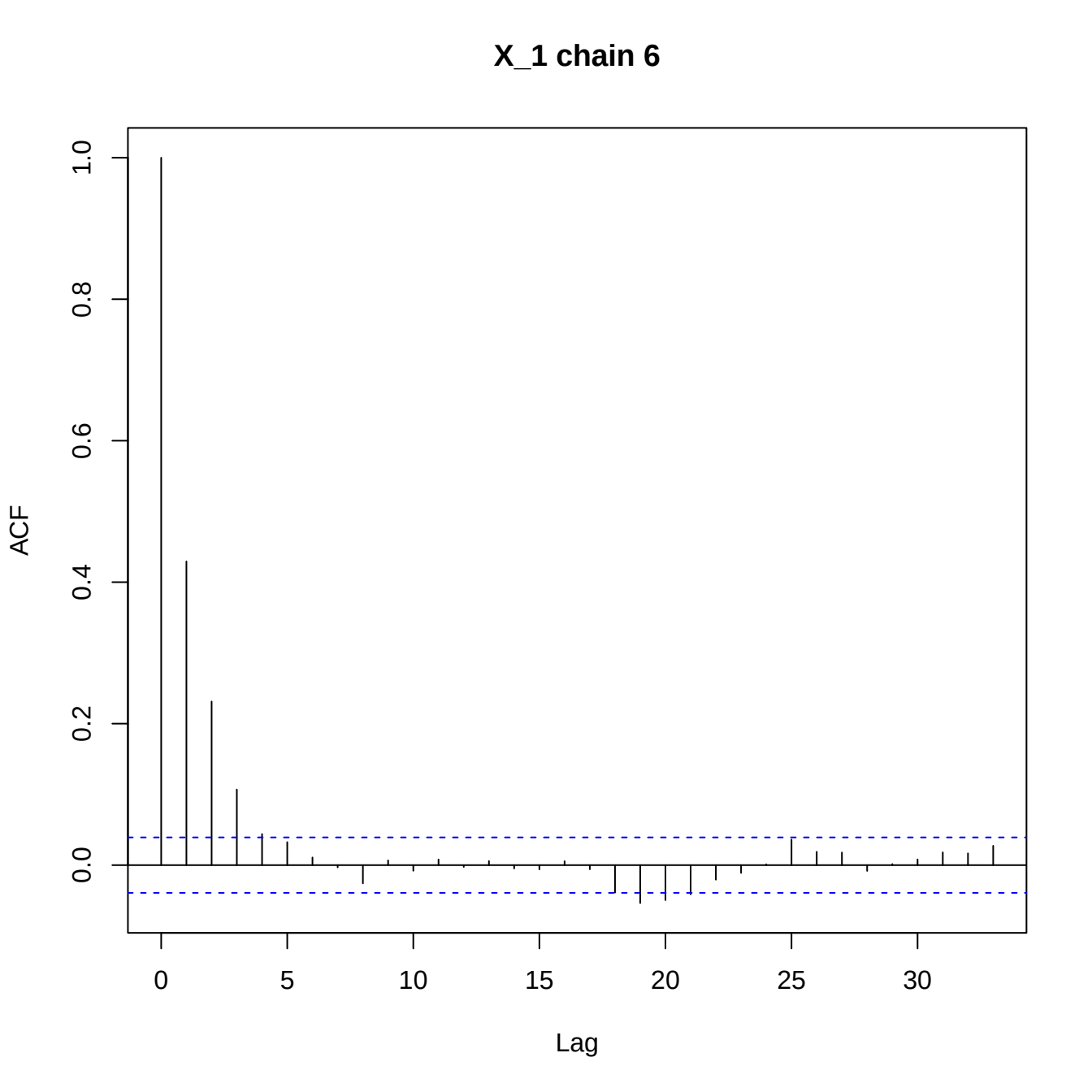

X_1 chain 1
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

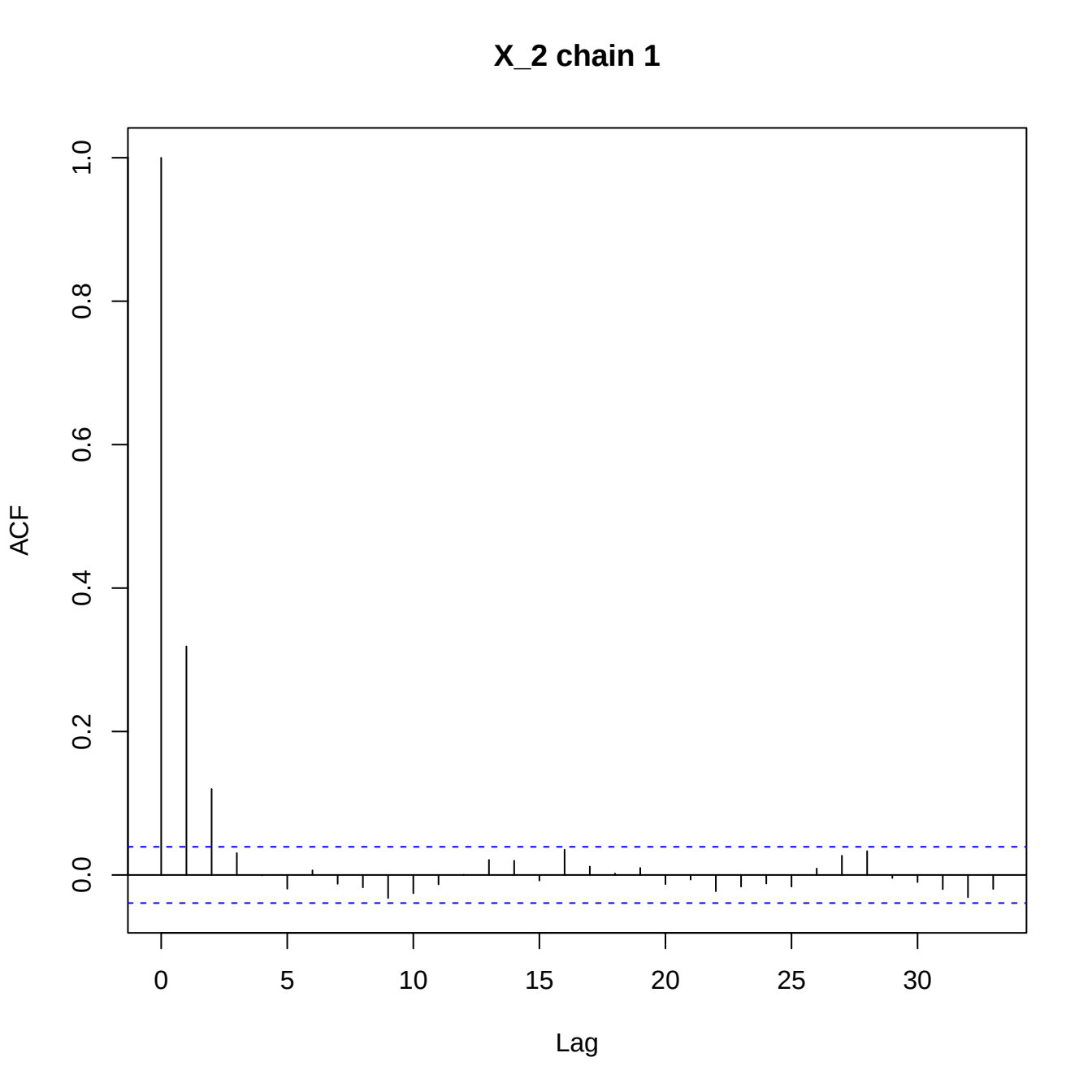

X_1 chain 2
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

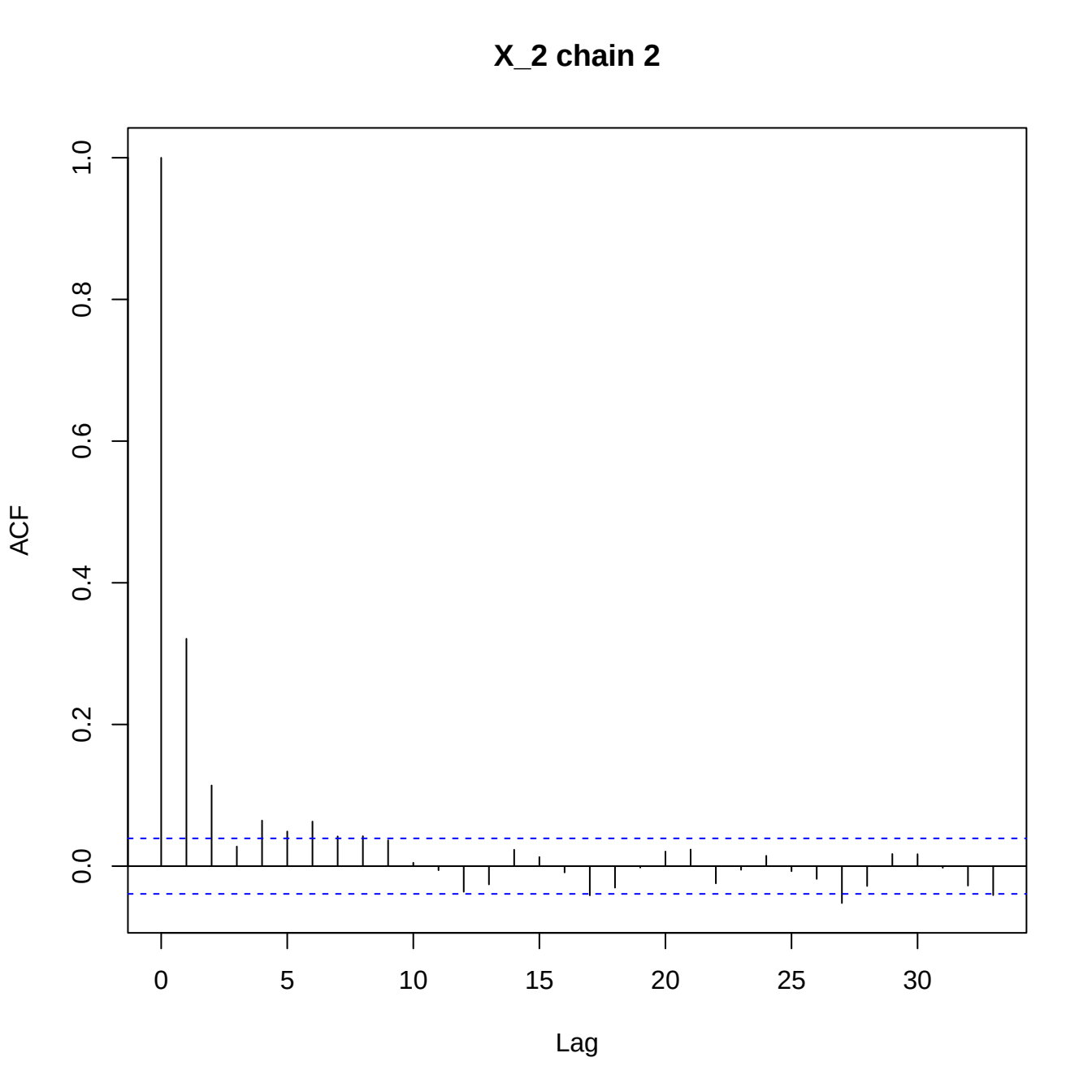

X_1 chain 3
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

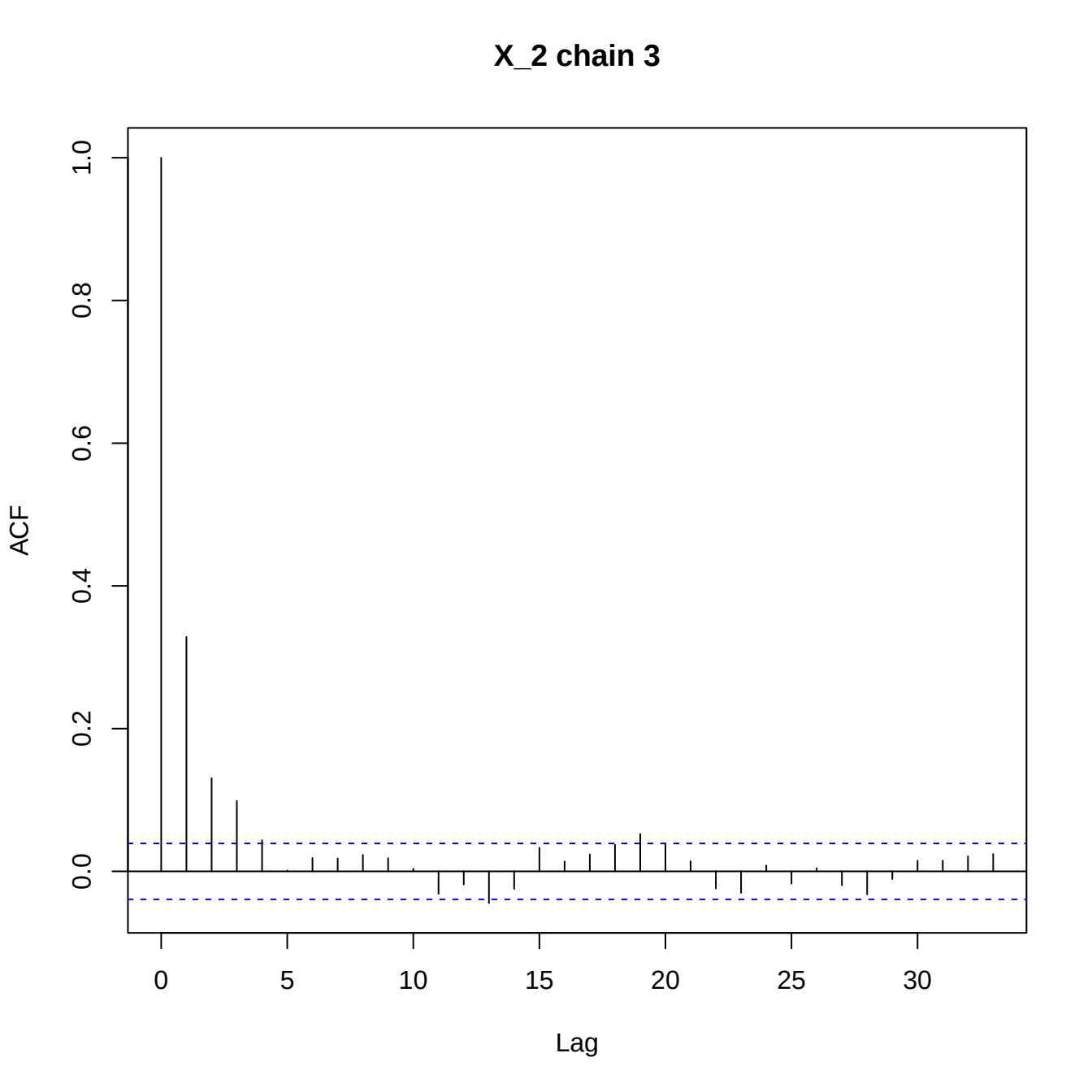

X_1 chain 4
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

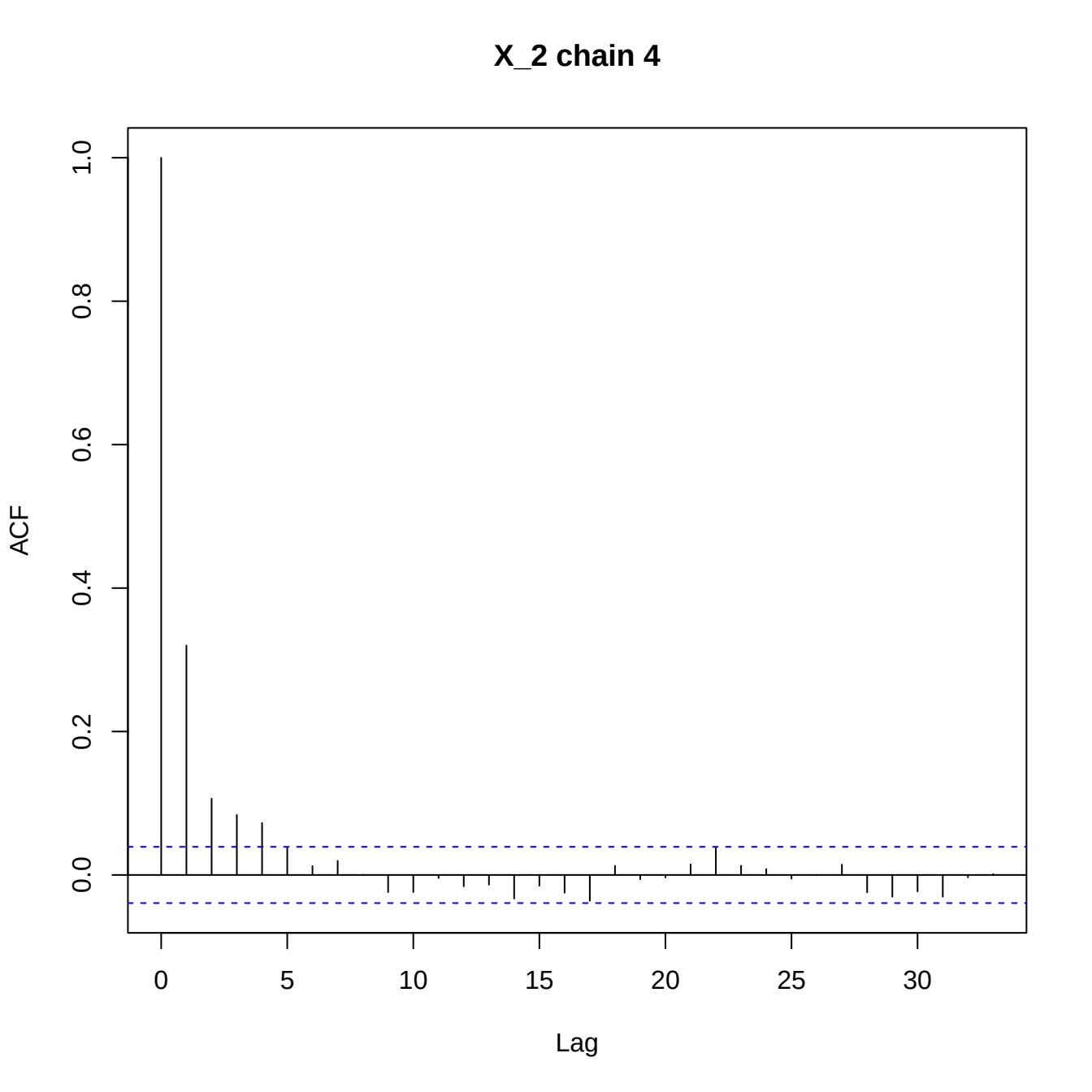

X_1 chain 5
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

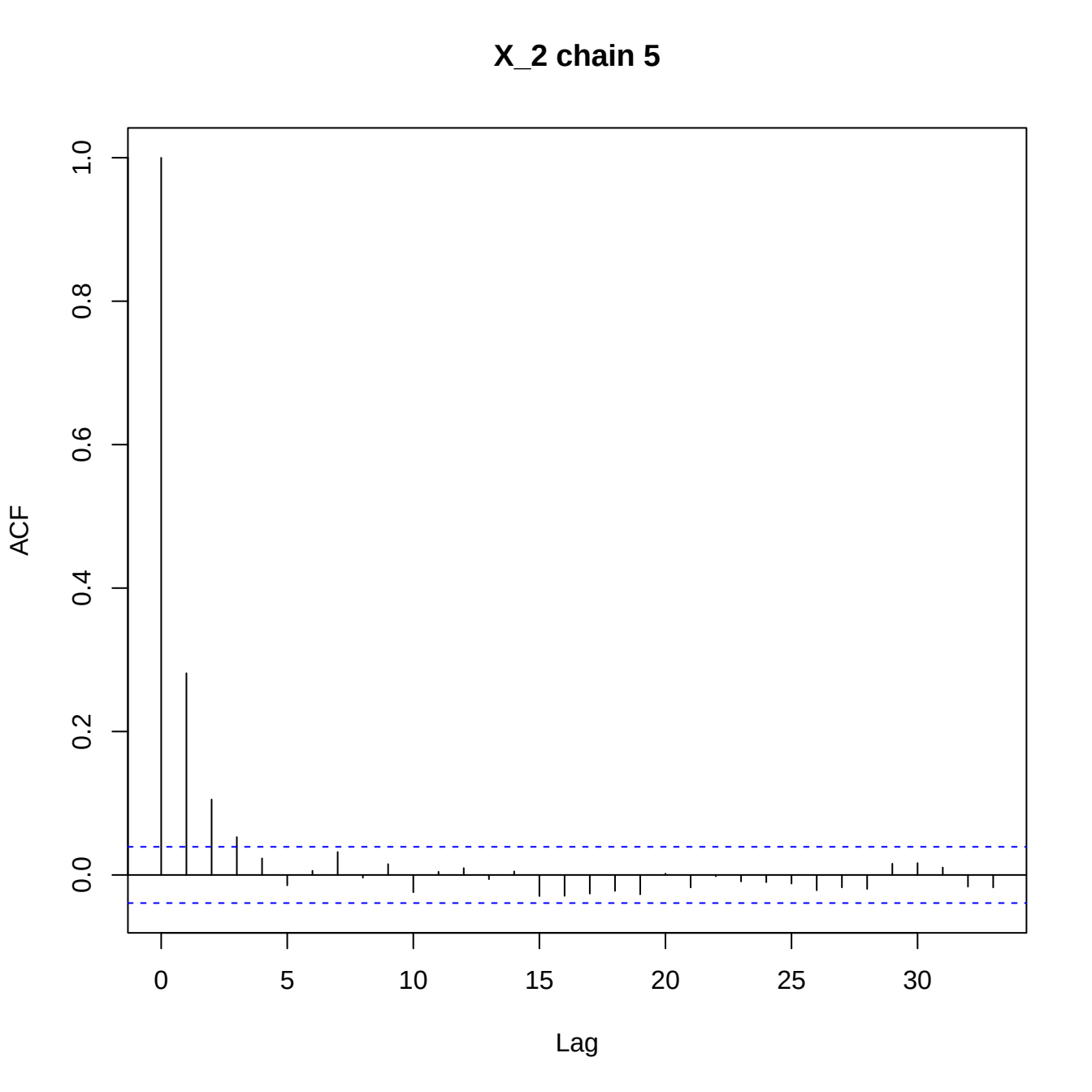

X_1 chain 6
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

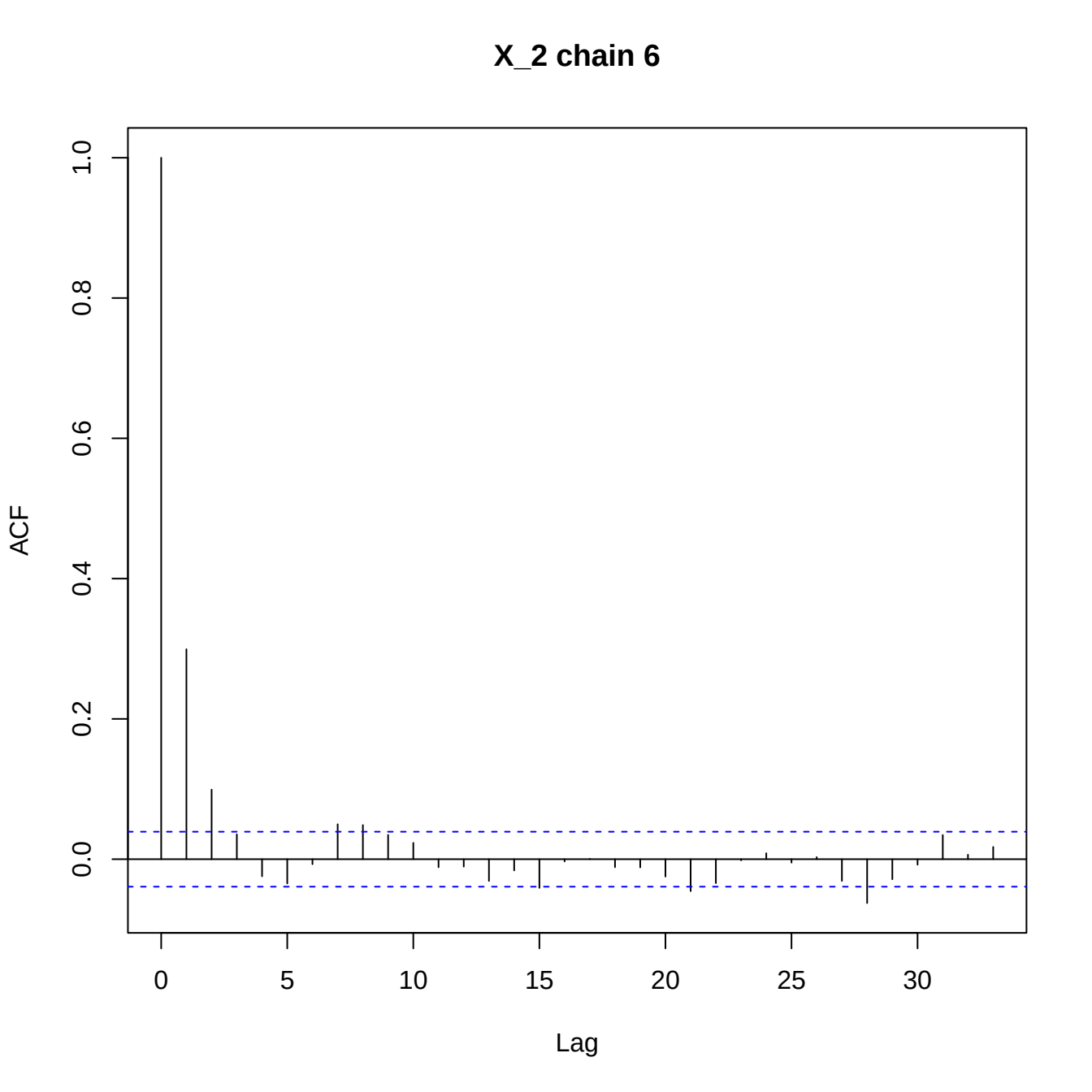

X_2 chain 1
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

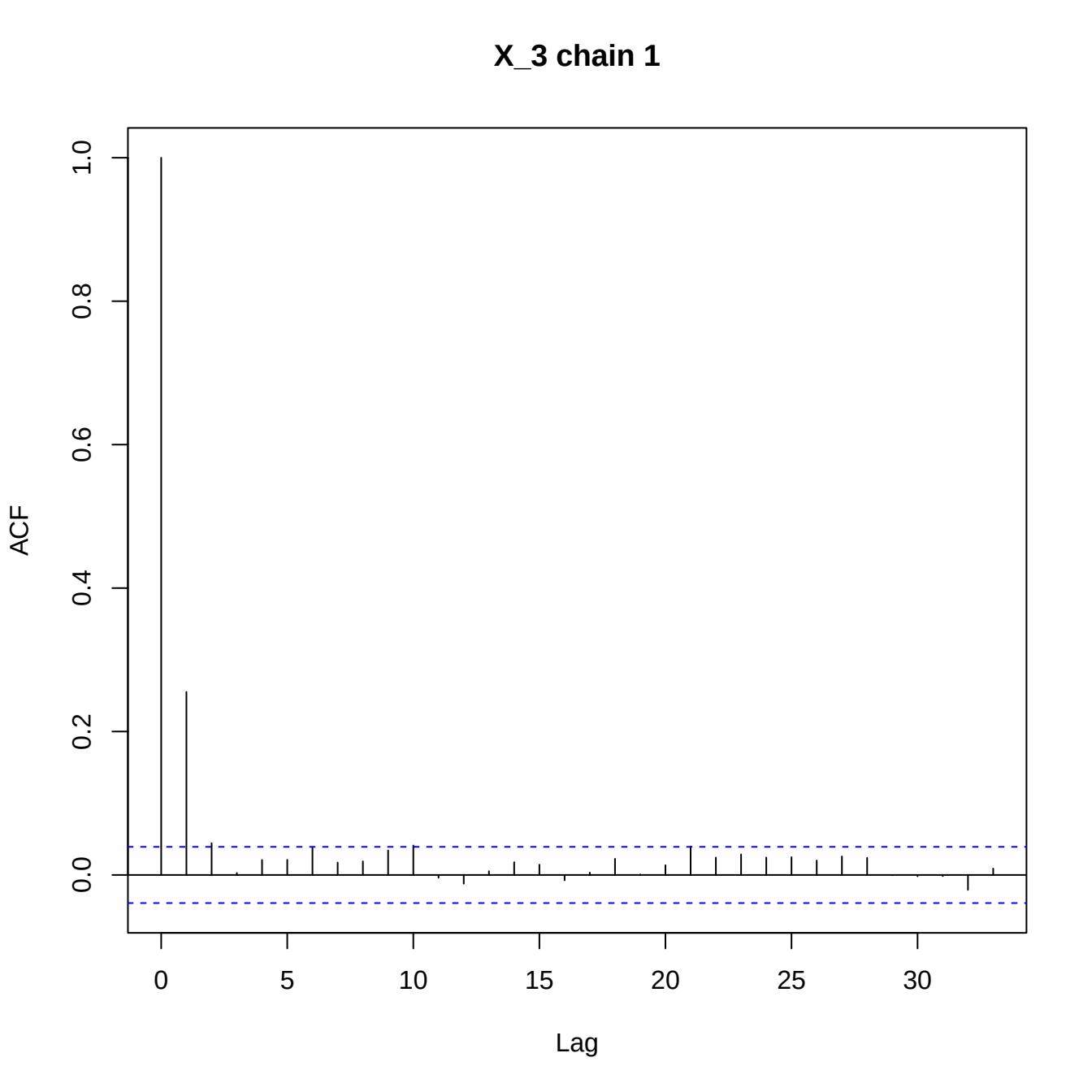

X_2 chain 2
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

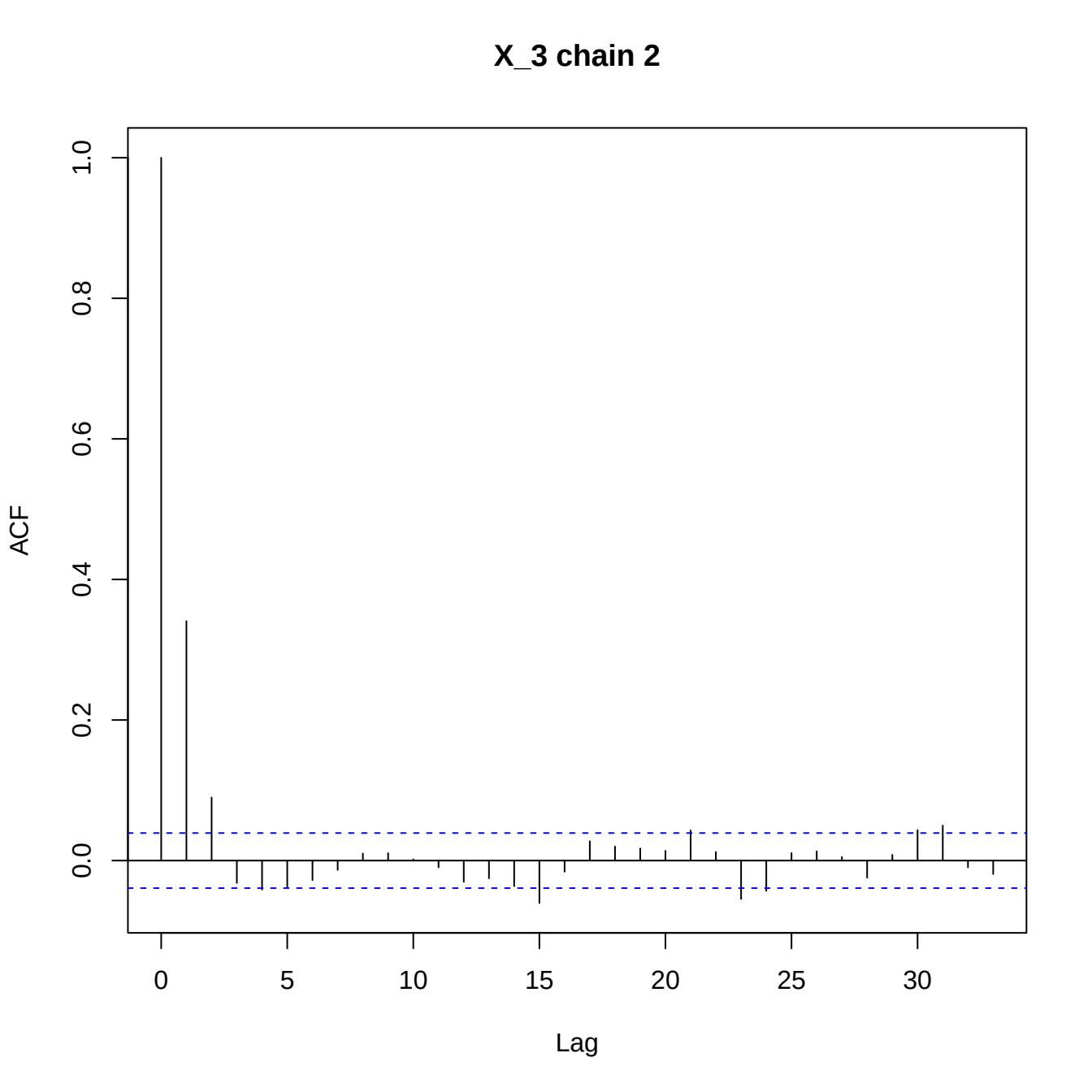

X_2 chain 3
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

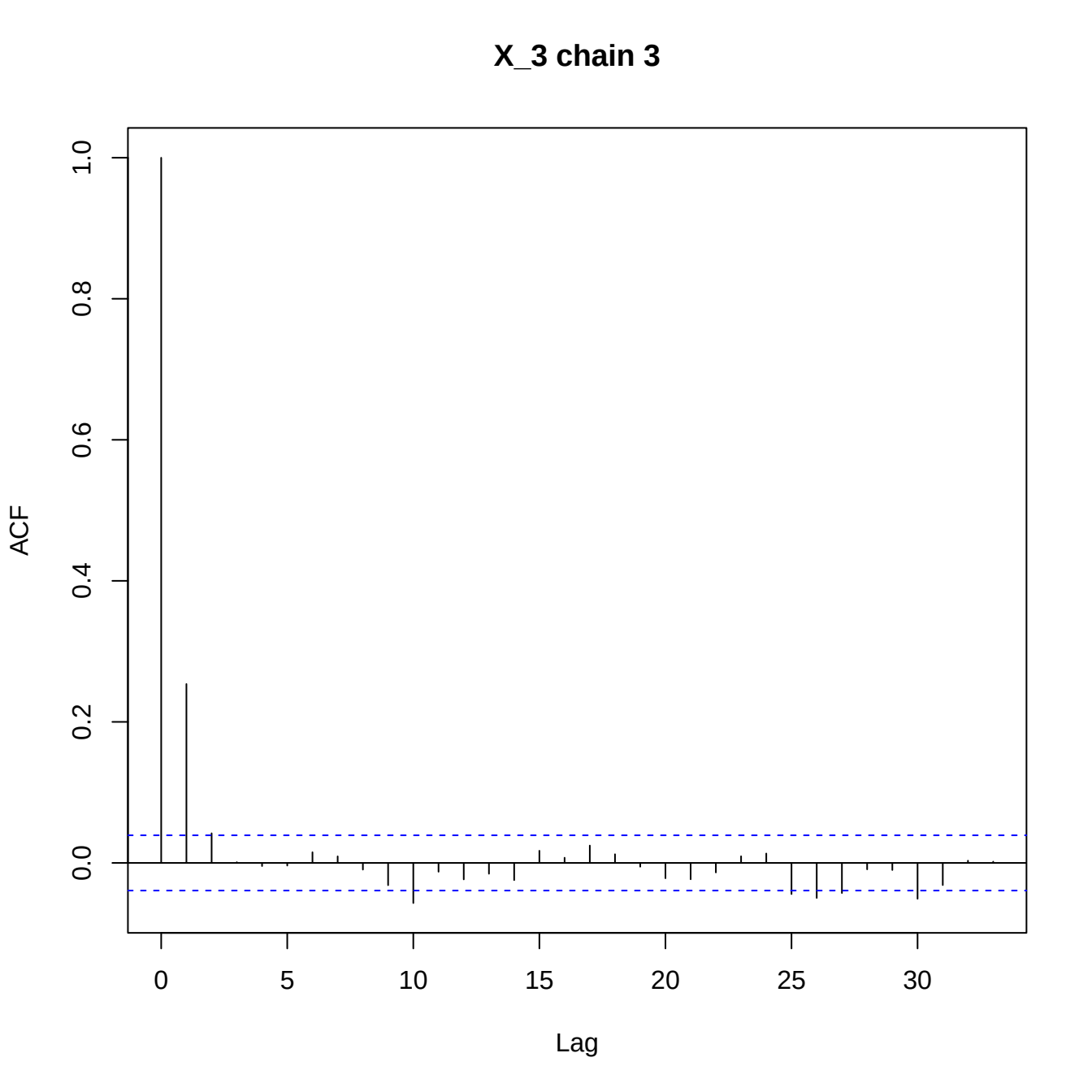

X_2 chain 4
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

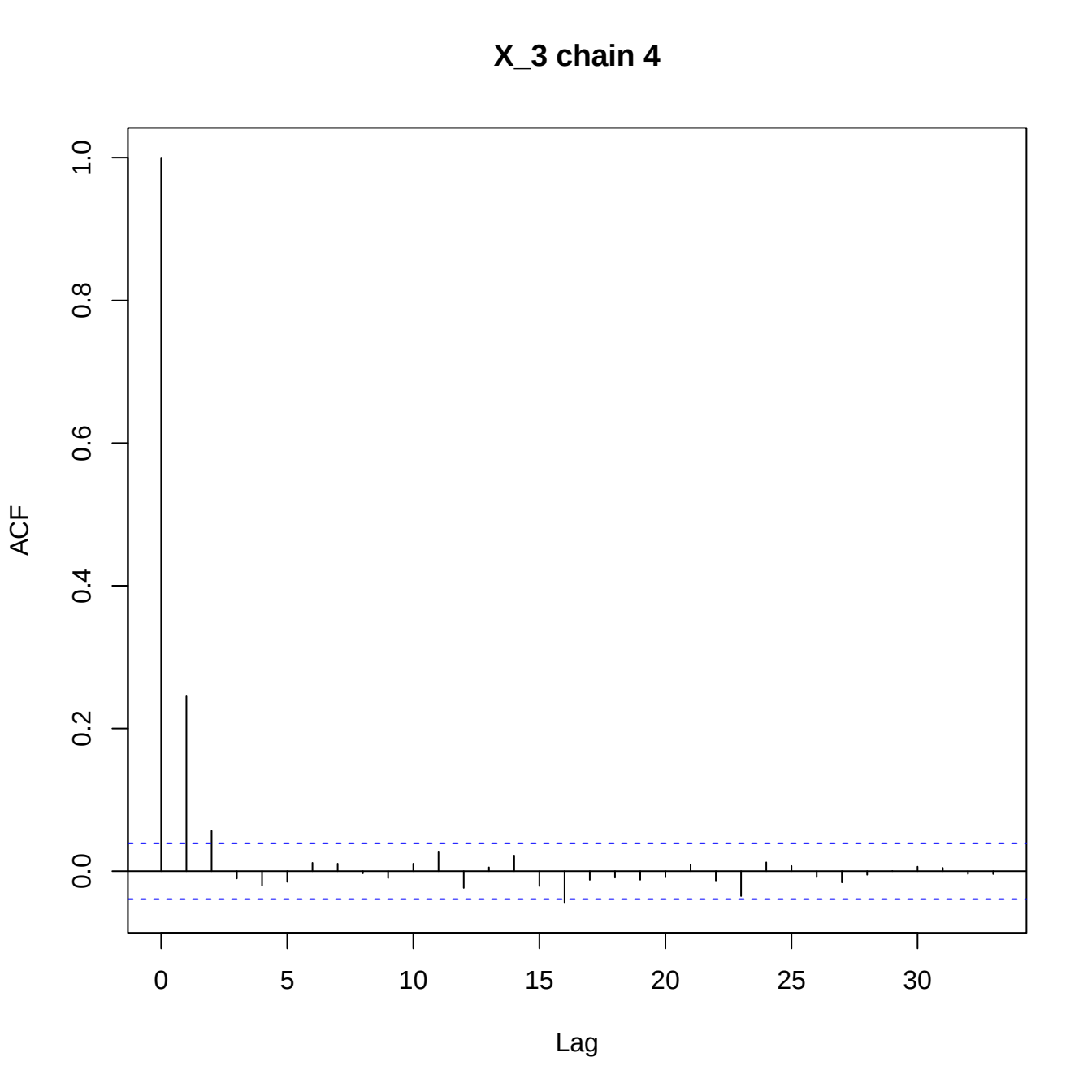

X_2 chain 5
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

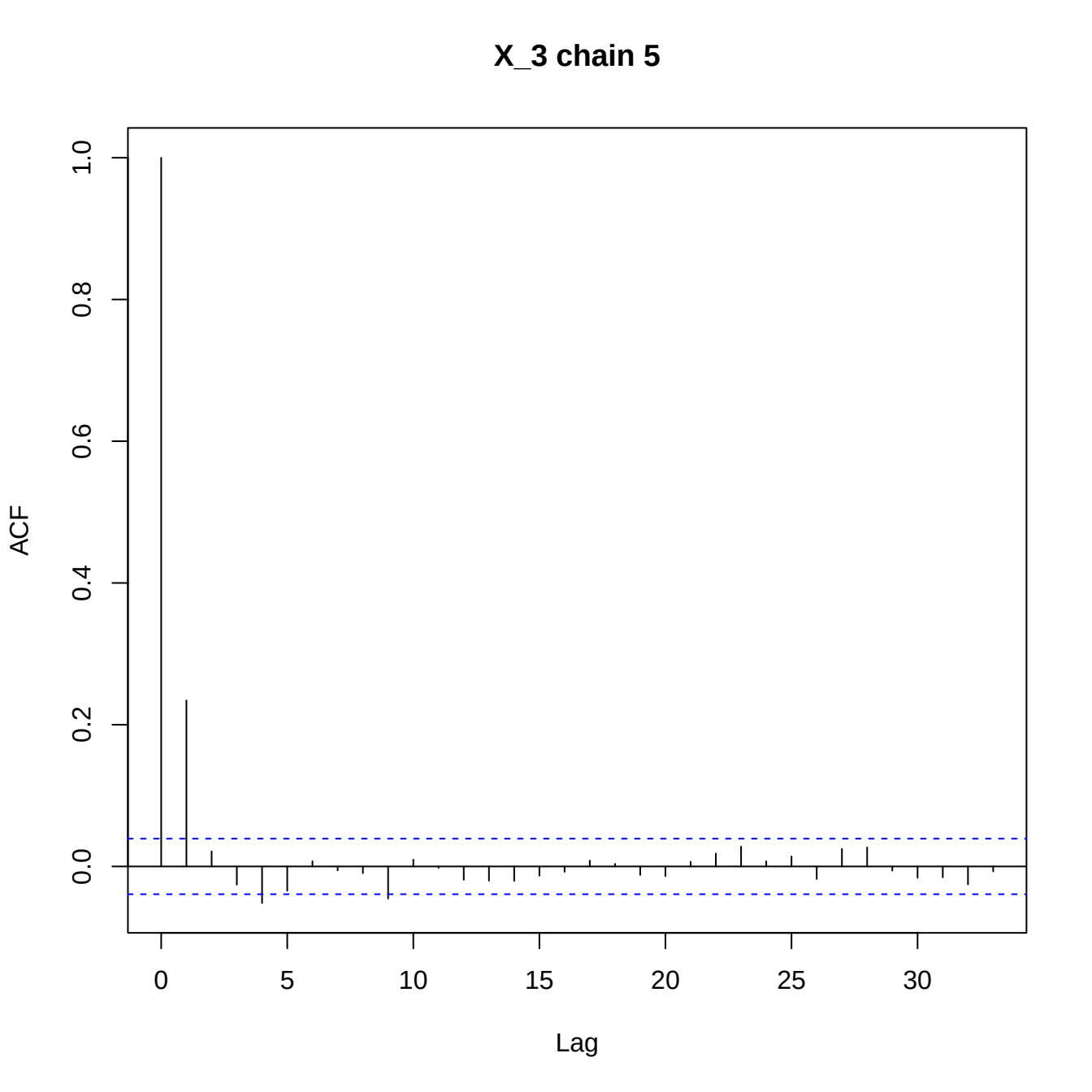

X_2 chain 6
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

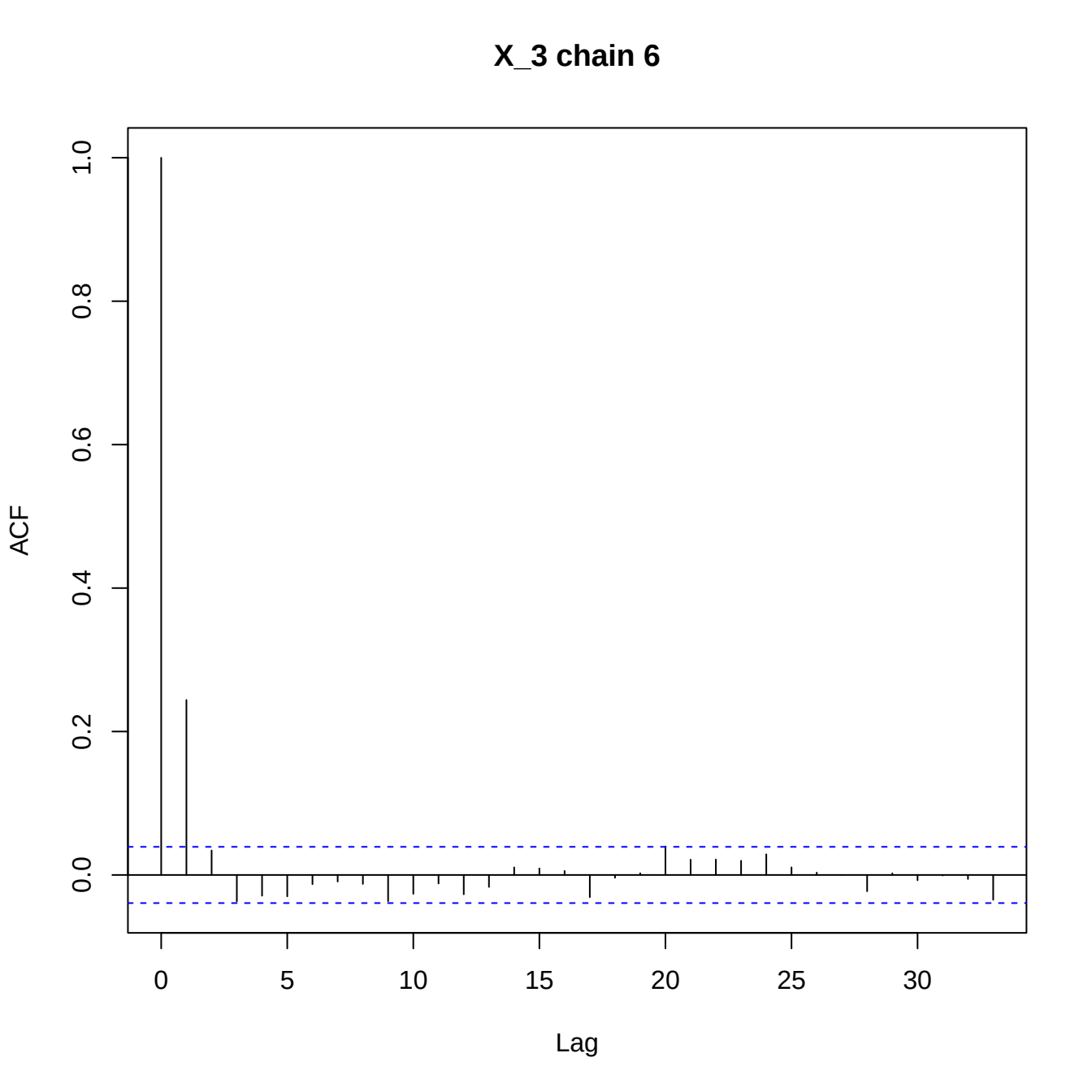

X_3 chain 1
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

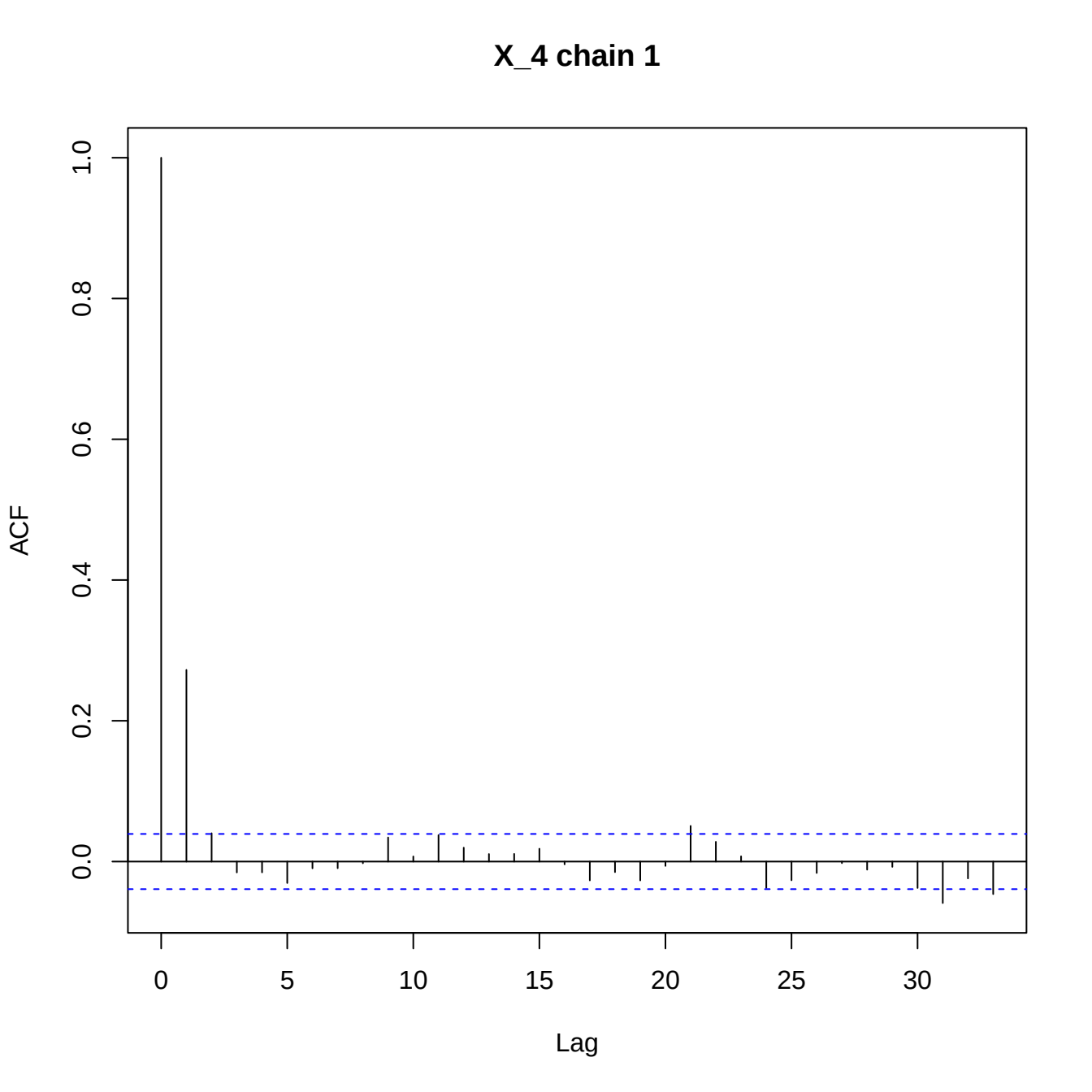

X_3 chain 2
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

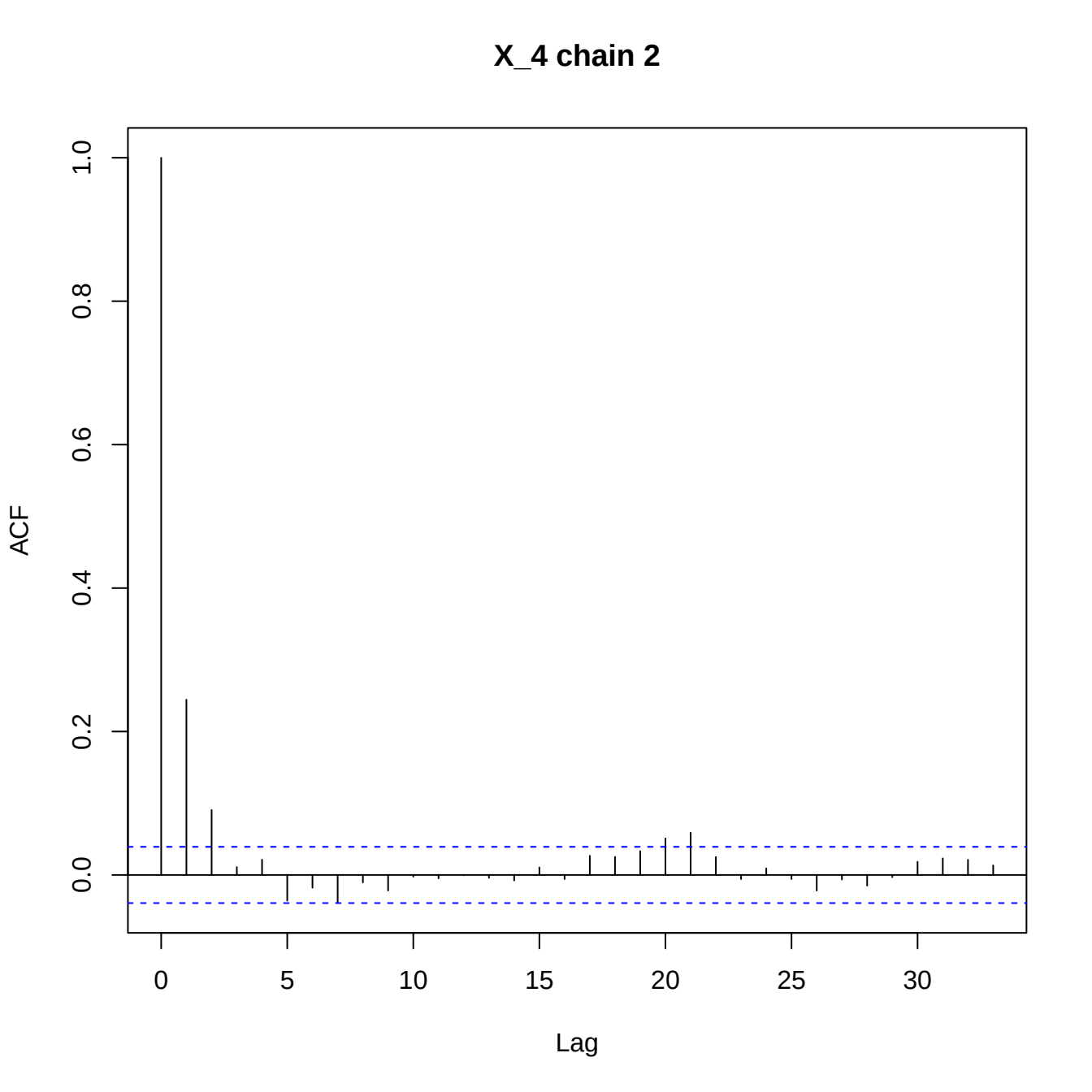

X_3 chain 3
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

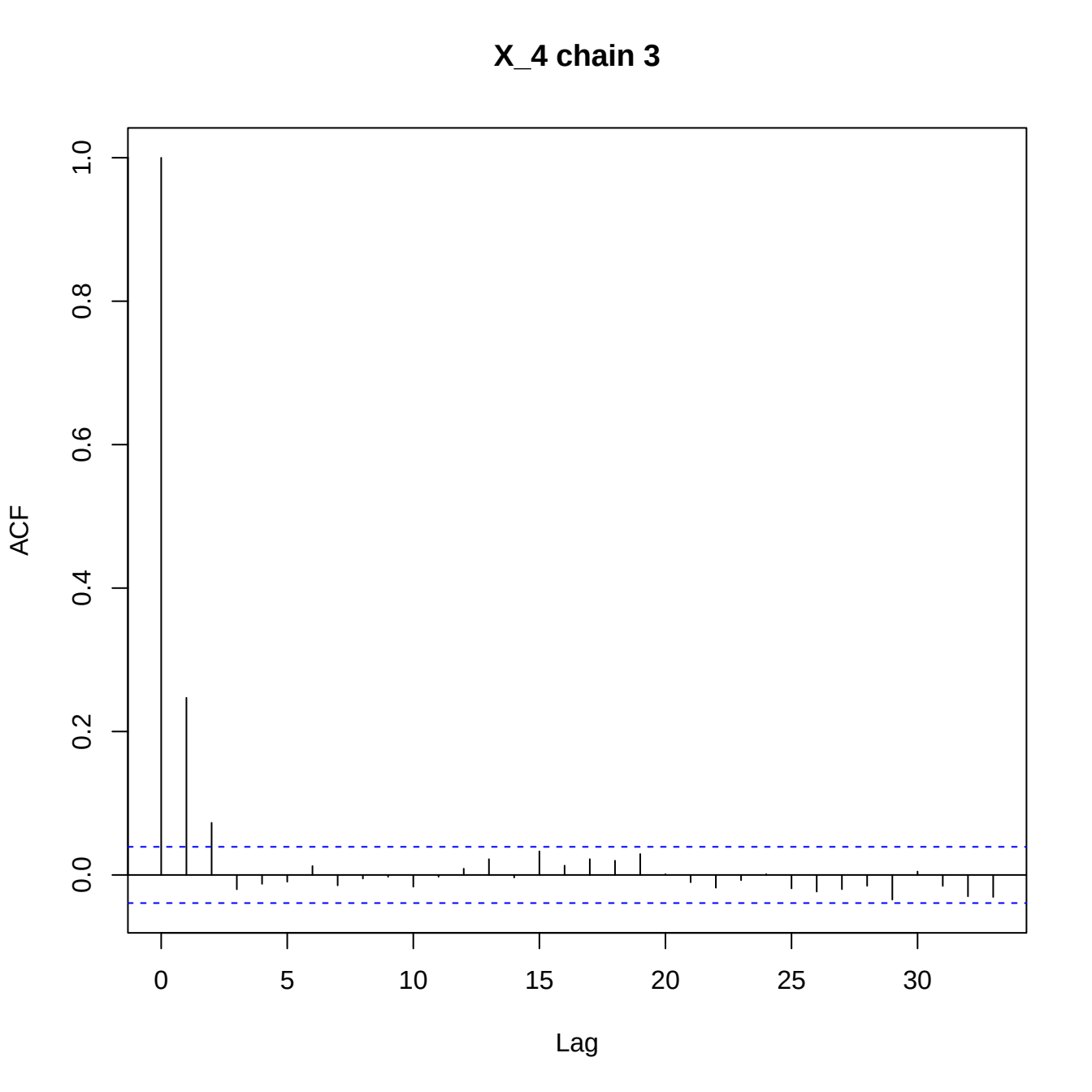

X_3 chain 4
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

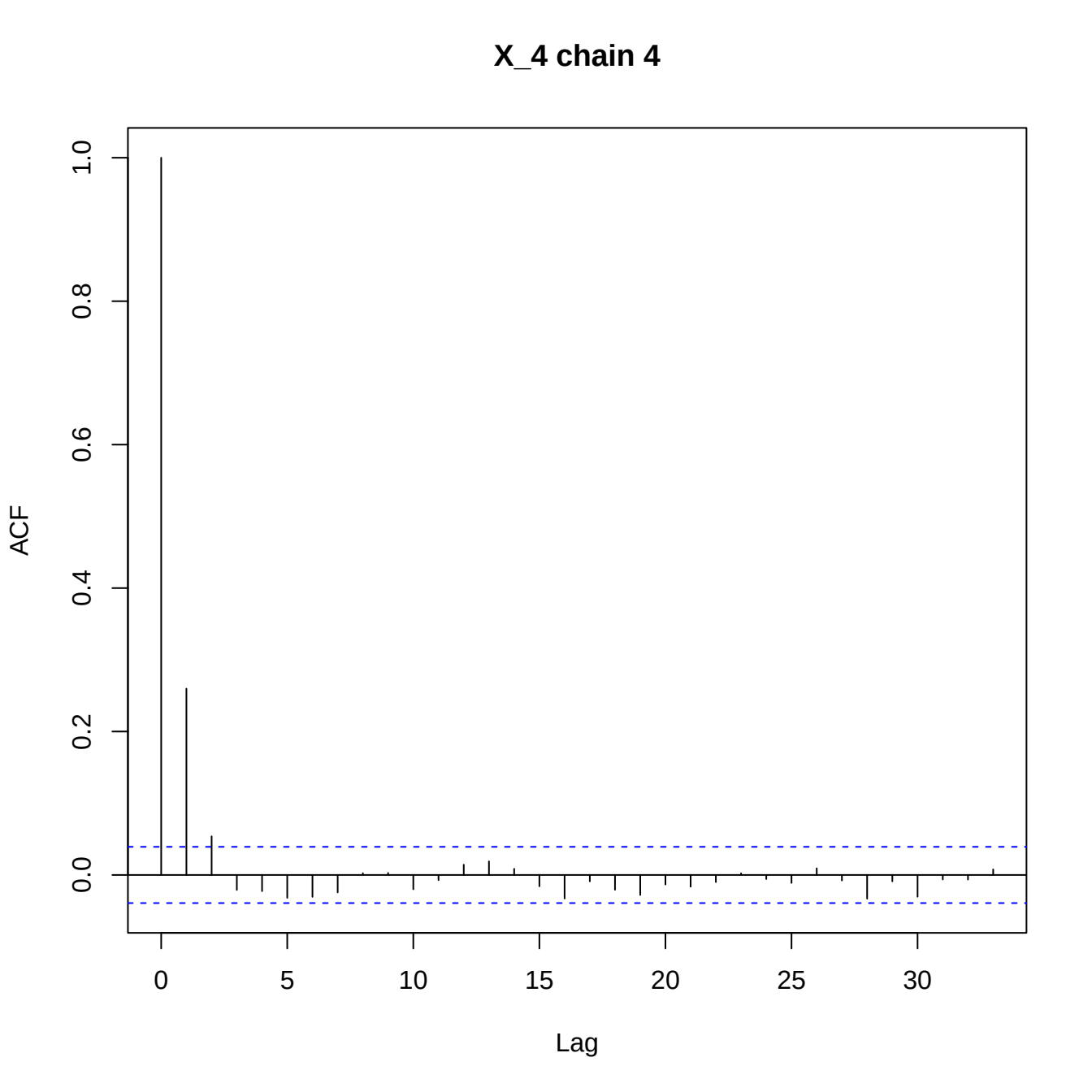

X_3 chain 5
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

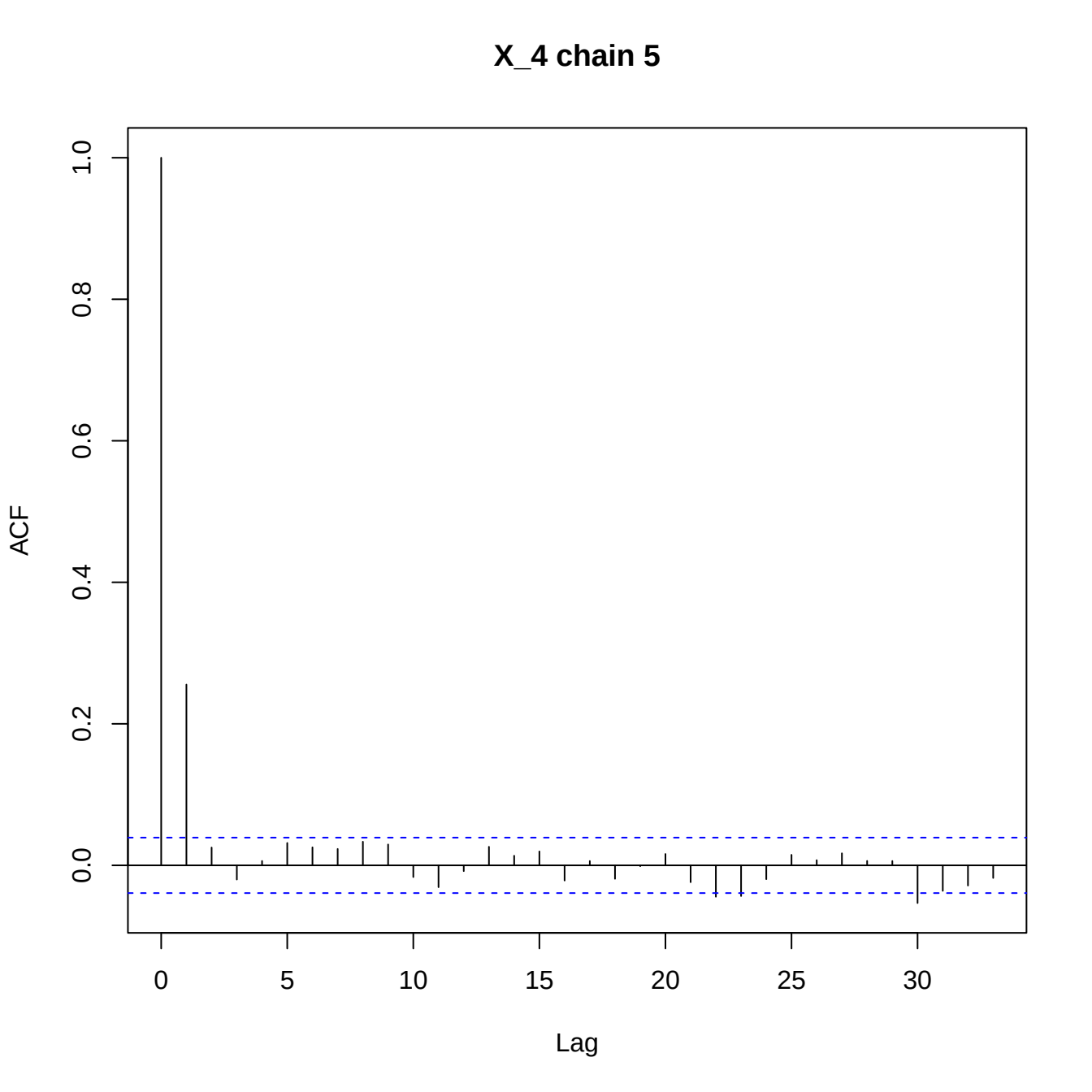

X_3 chain 6
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

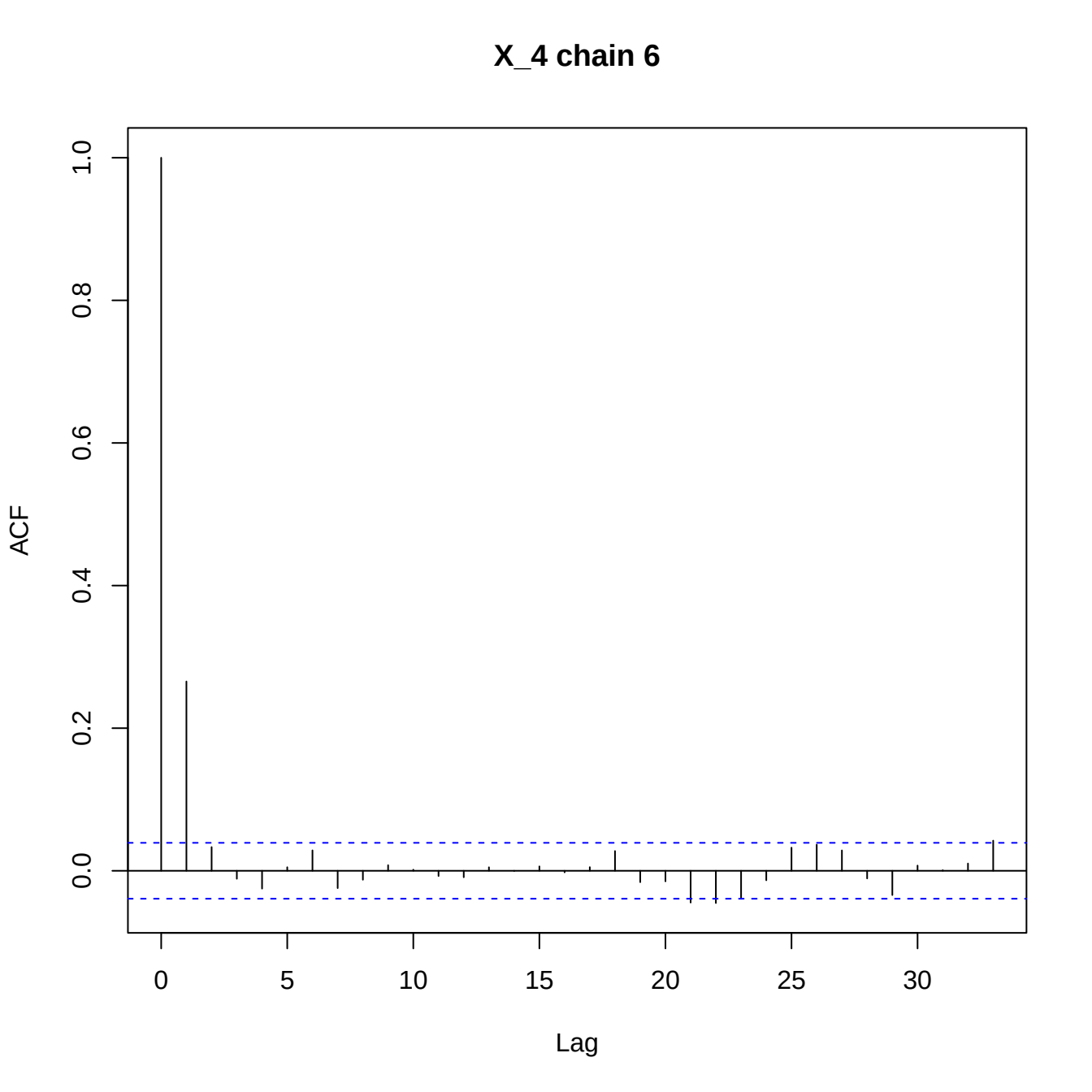

X_4 chain 1
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

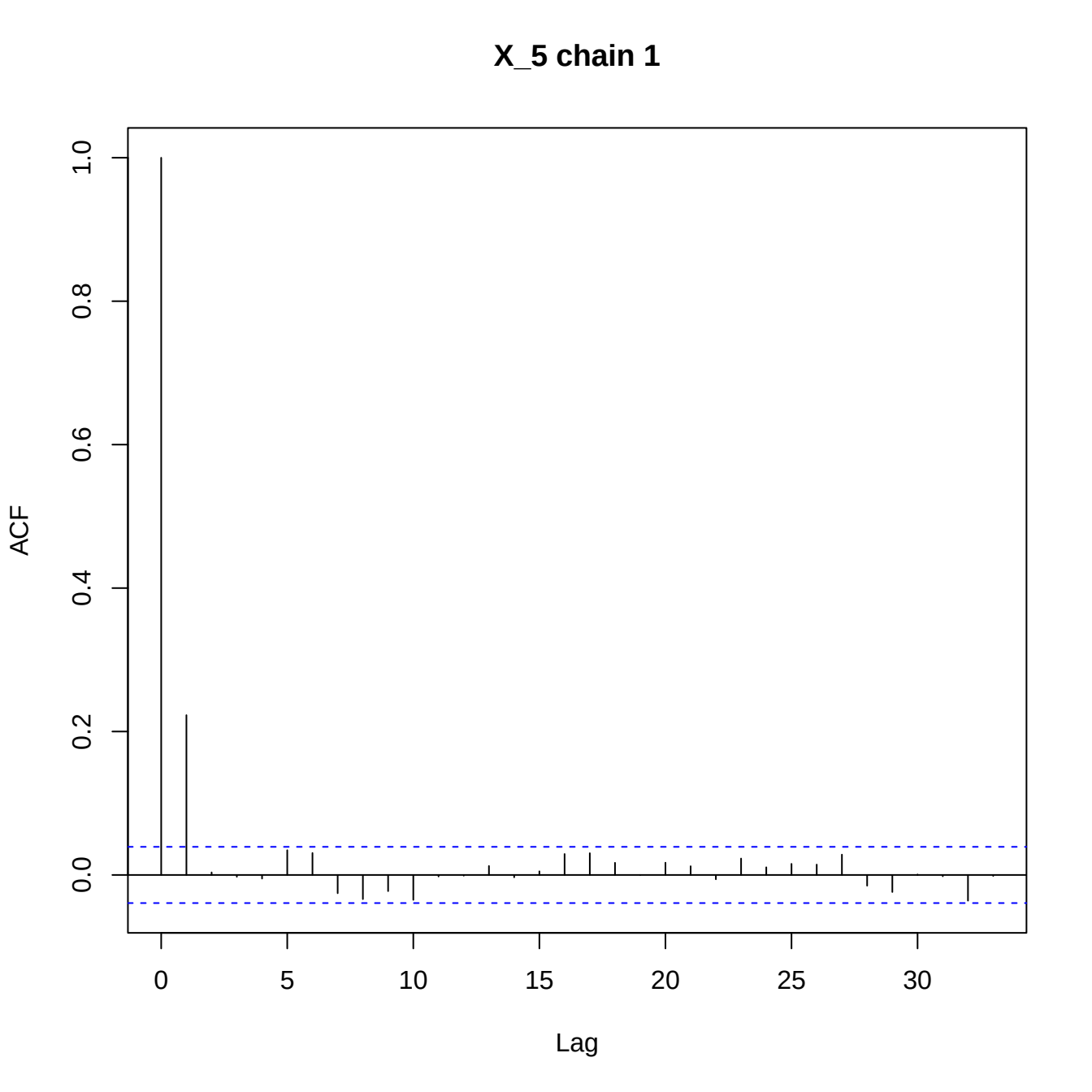

X_4 chain 2
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

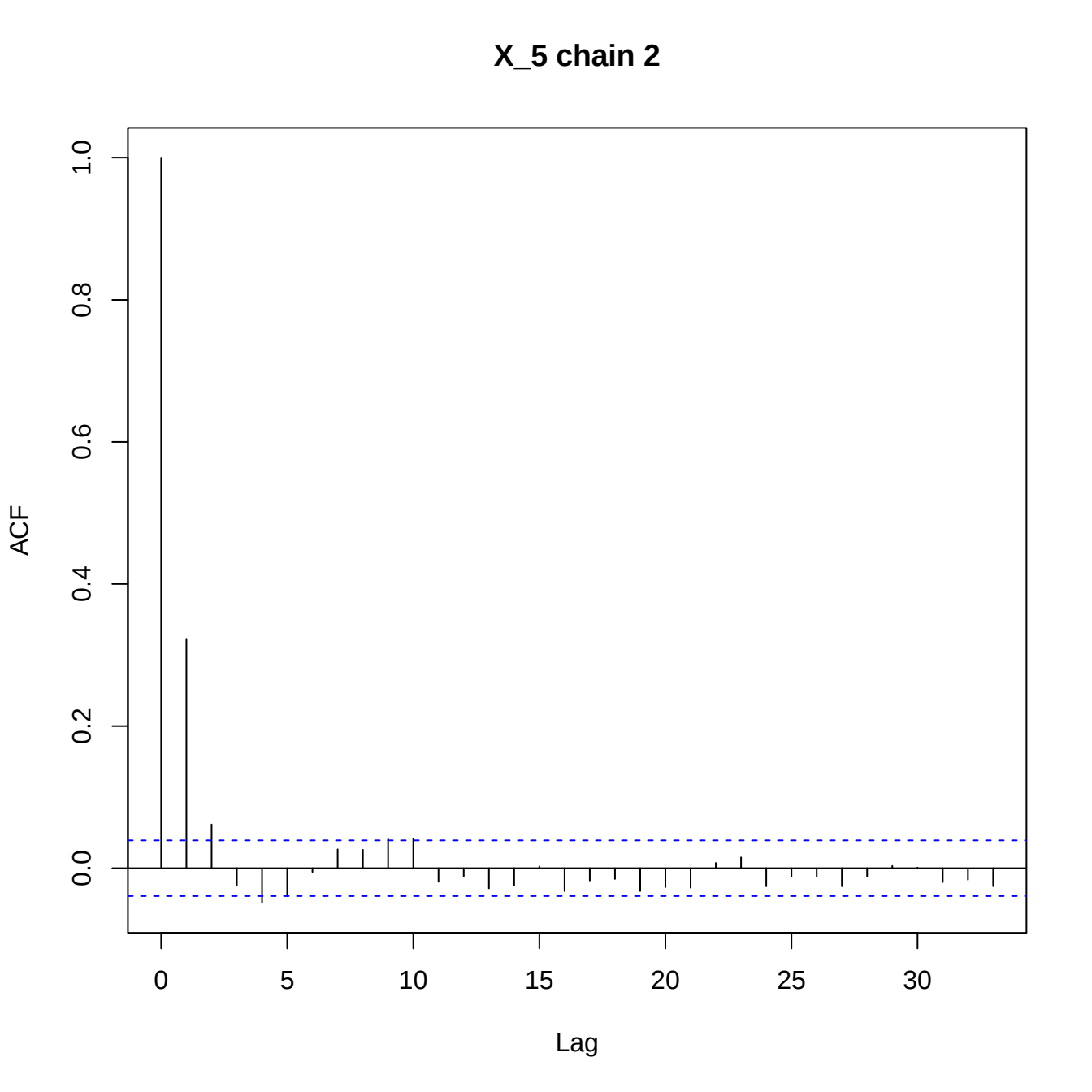

X_4 chain 3
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

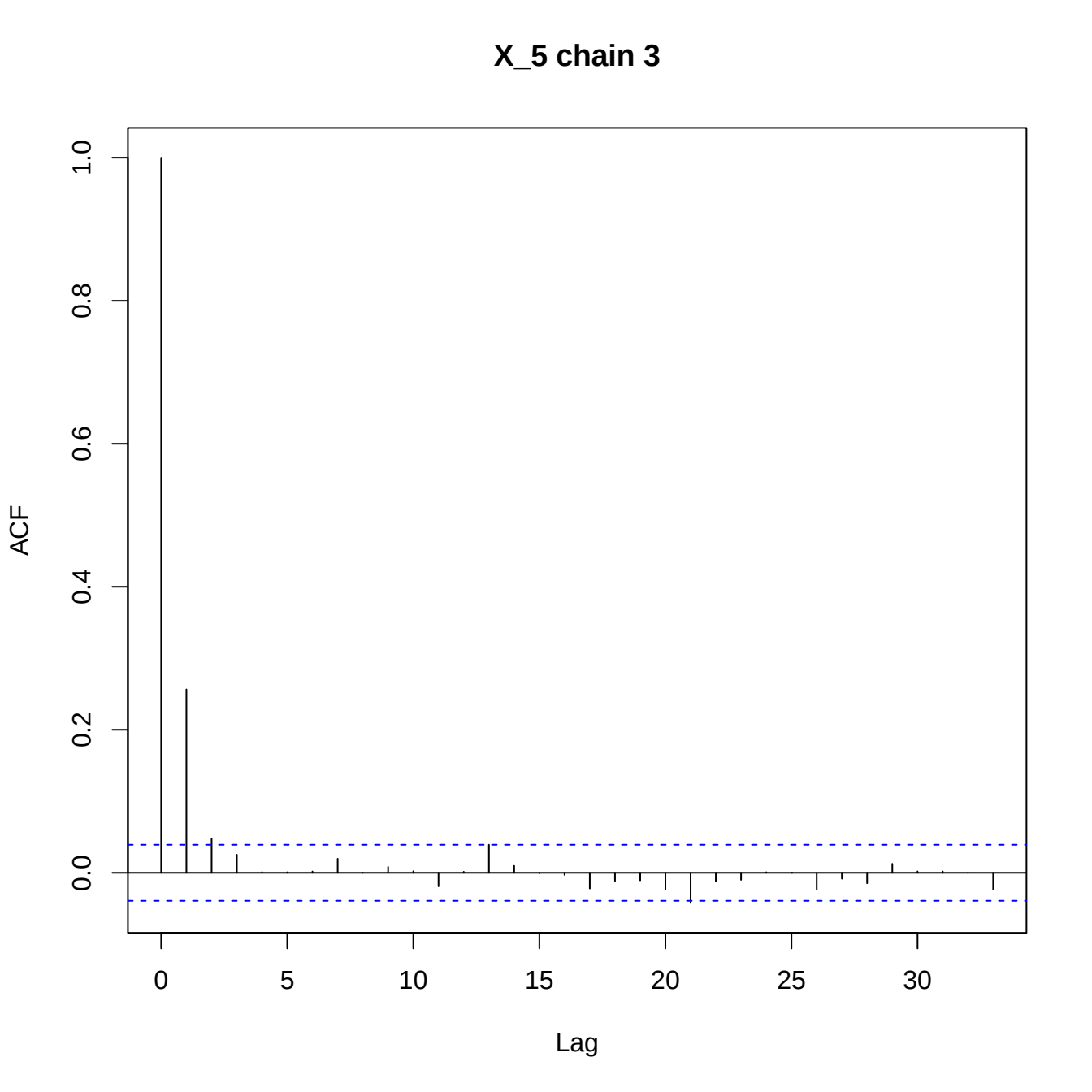

X_4 chain 4
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

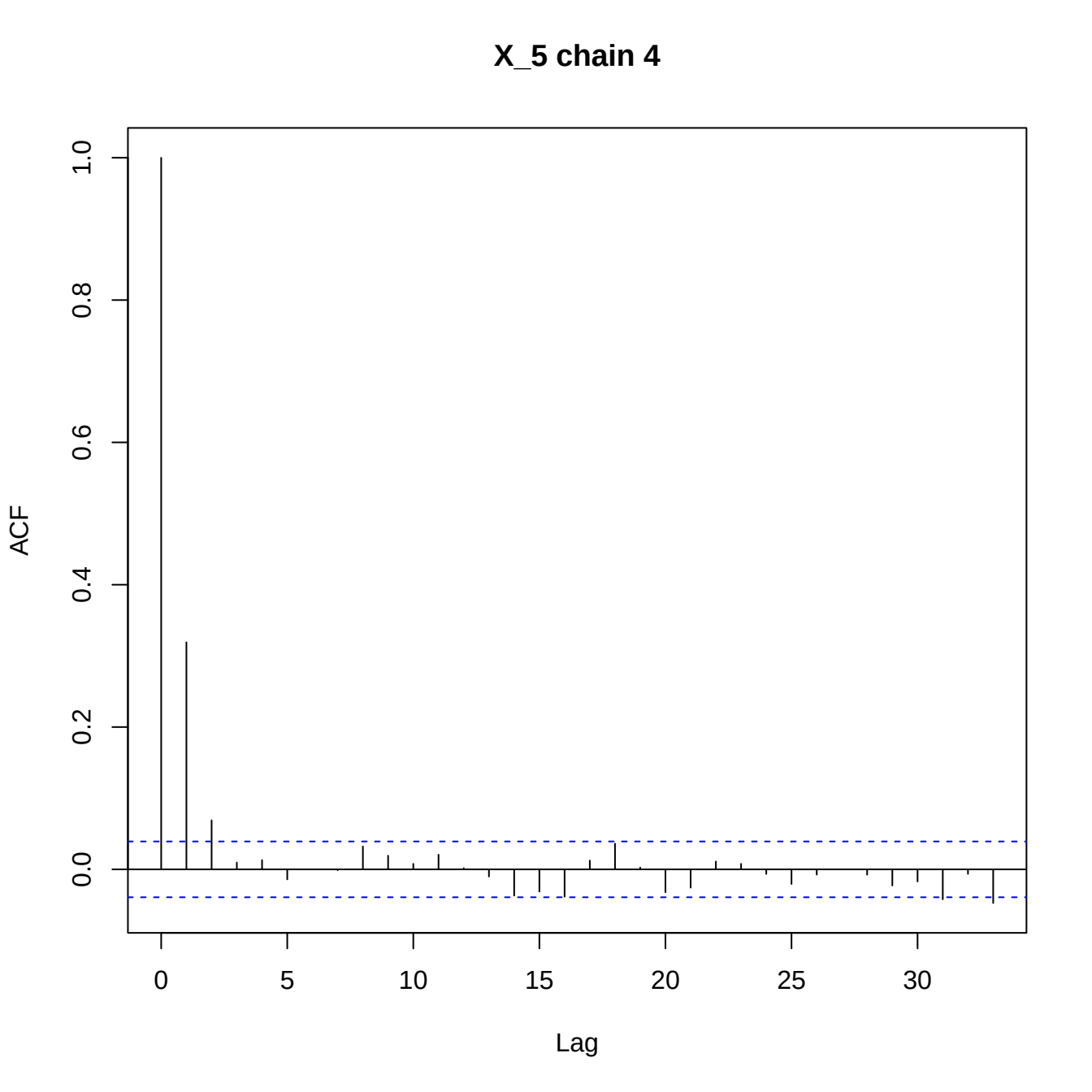

X_4 chain 5
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

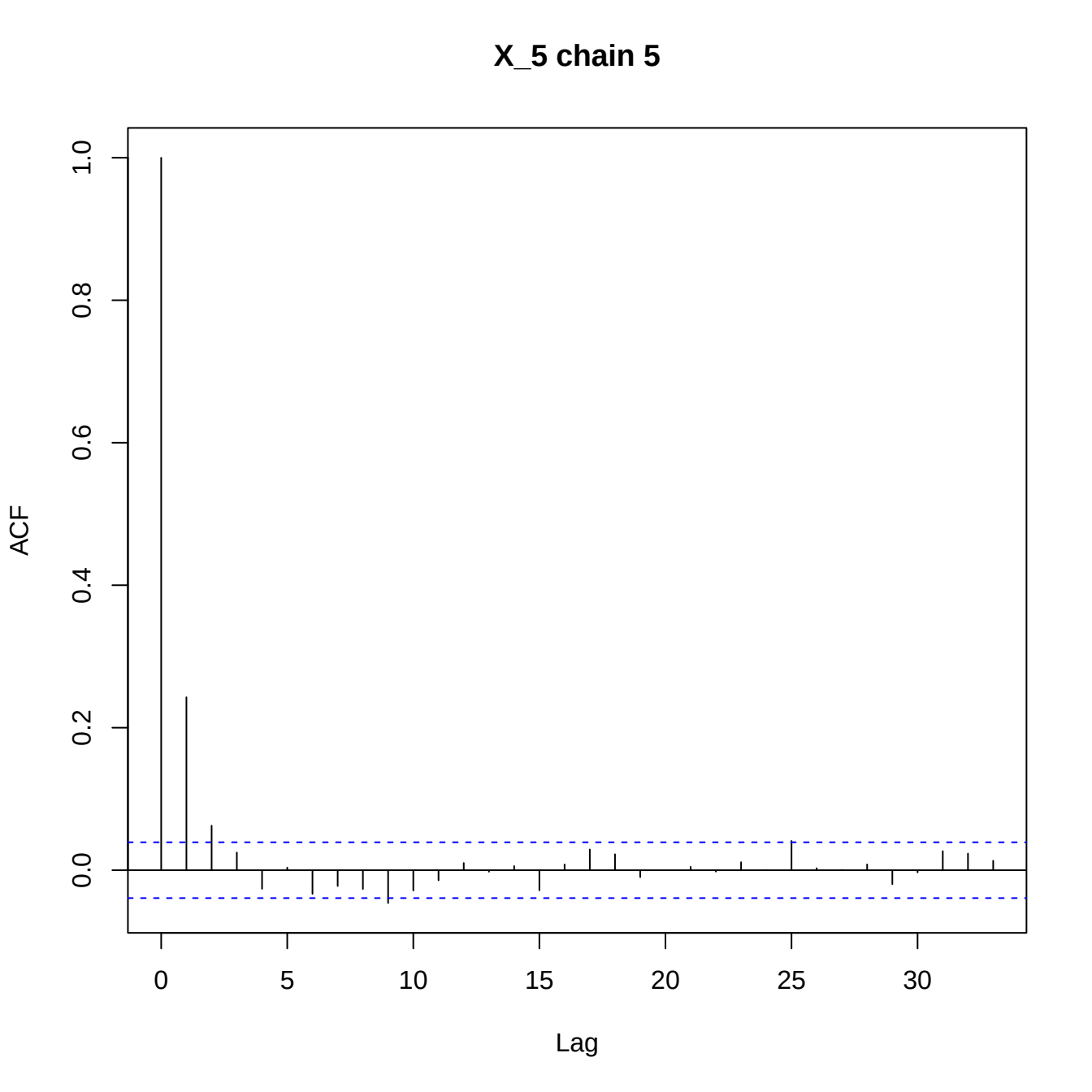

X_4 chain 6
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

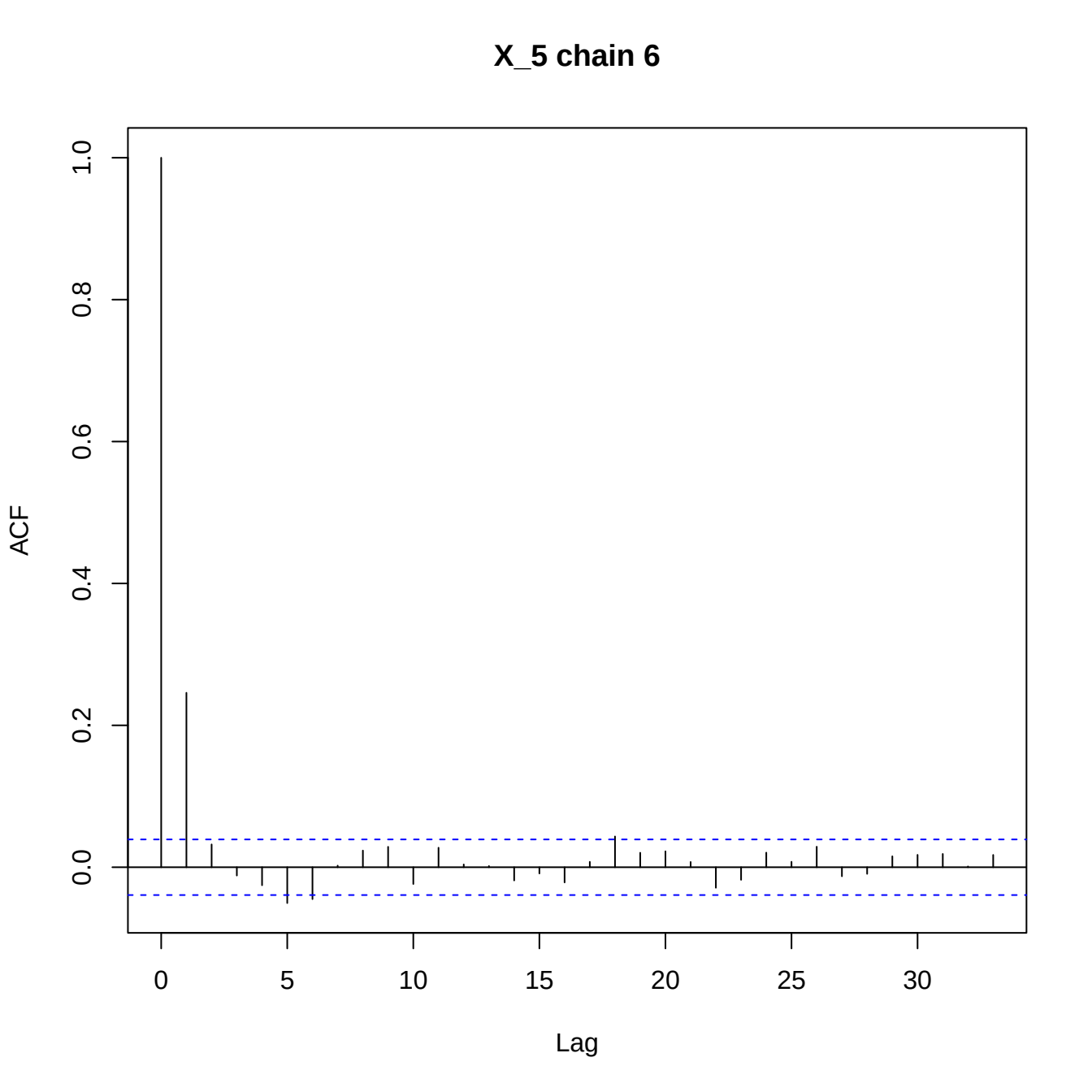

X_5 chain 1
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

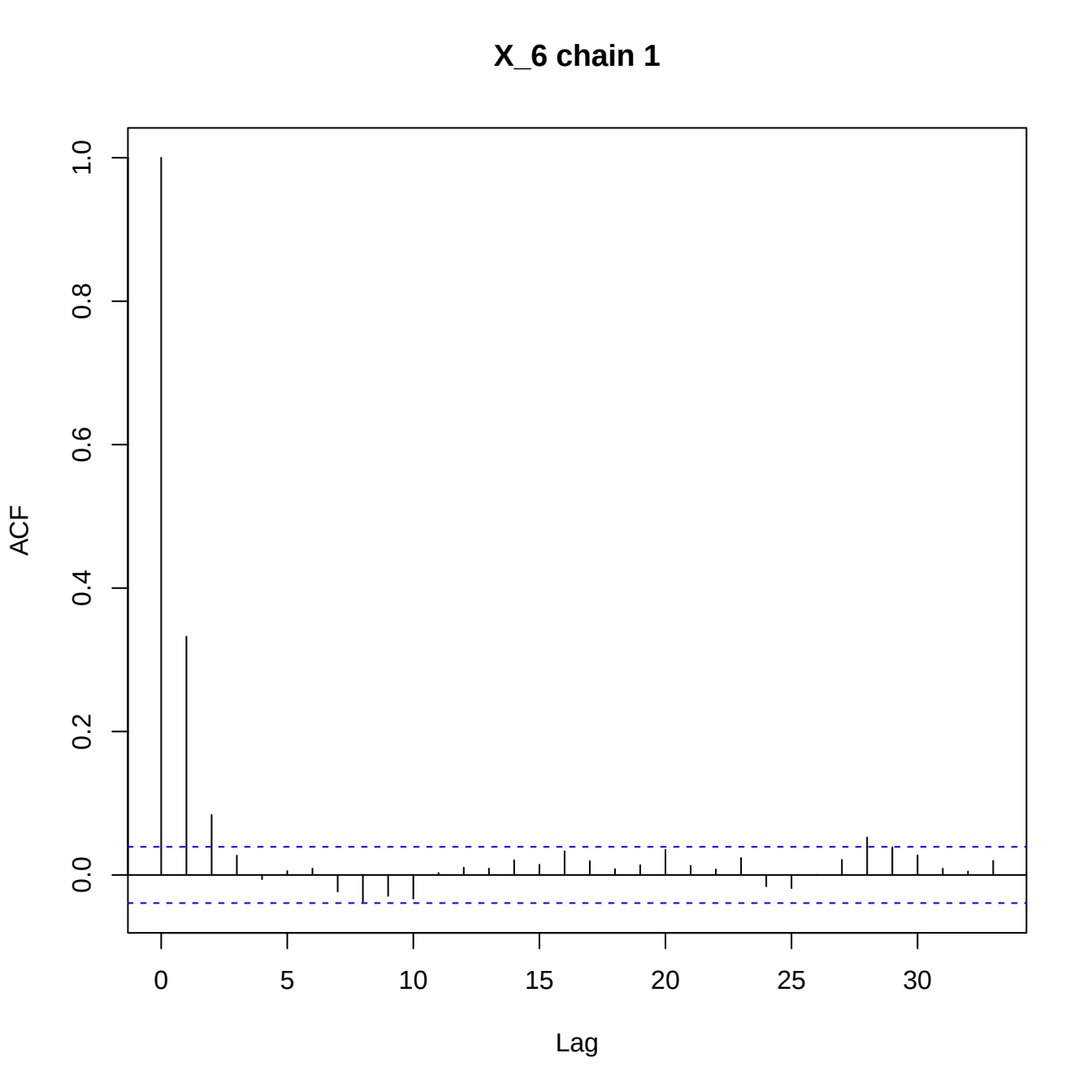

X_5 chain 2
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

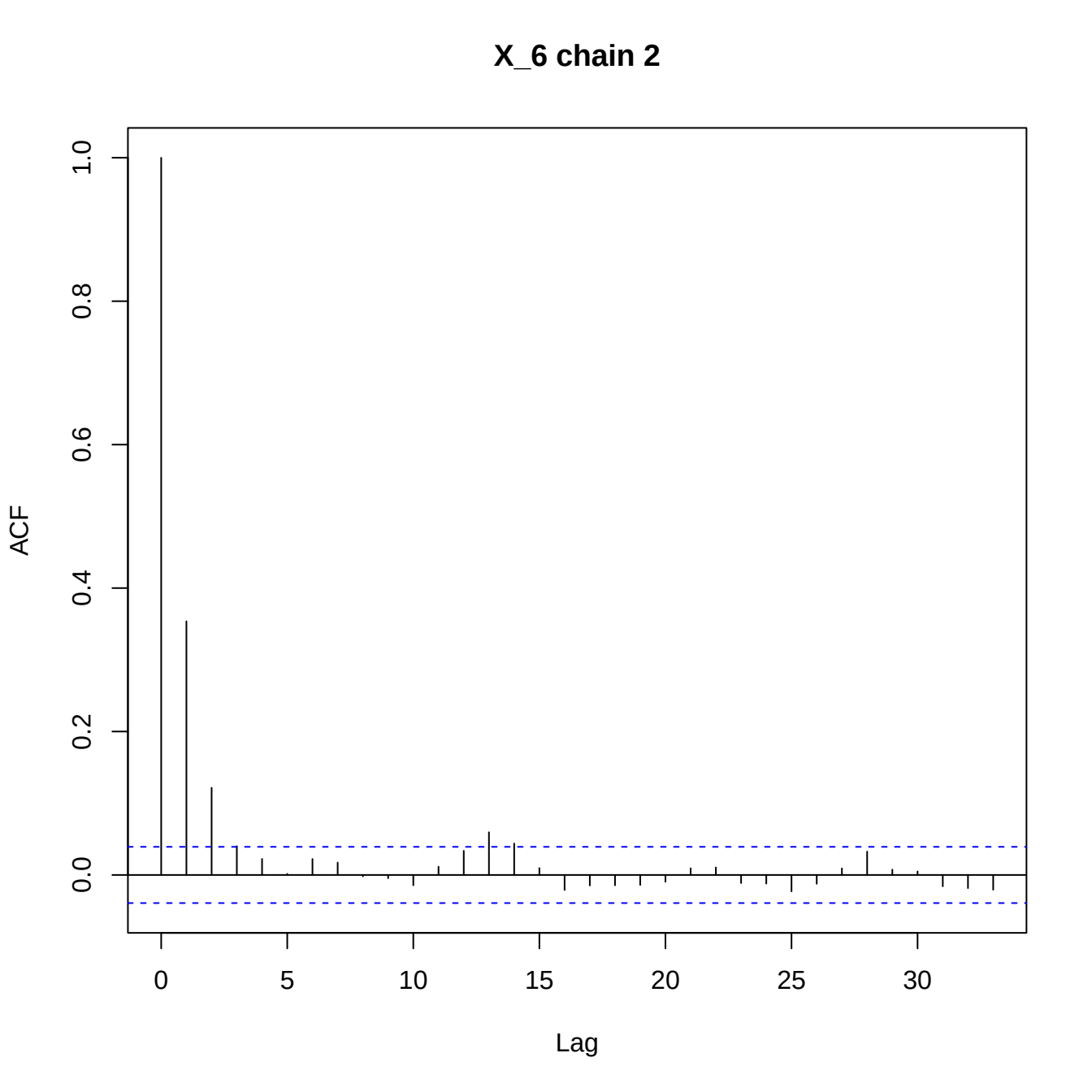

X_5 chain 3
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

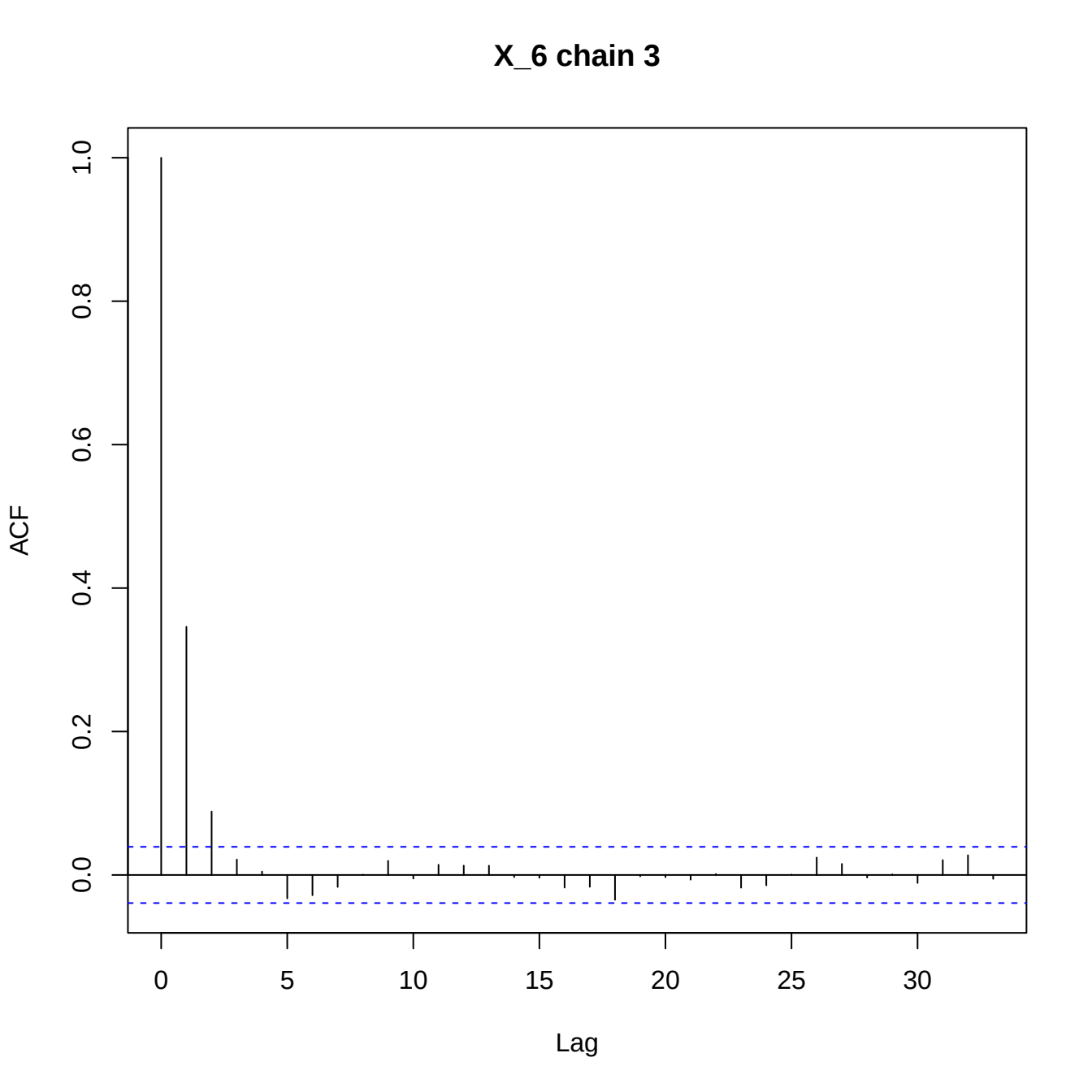

X_5 chain 4
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

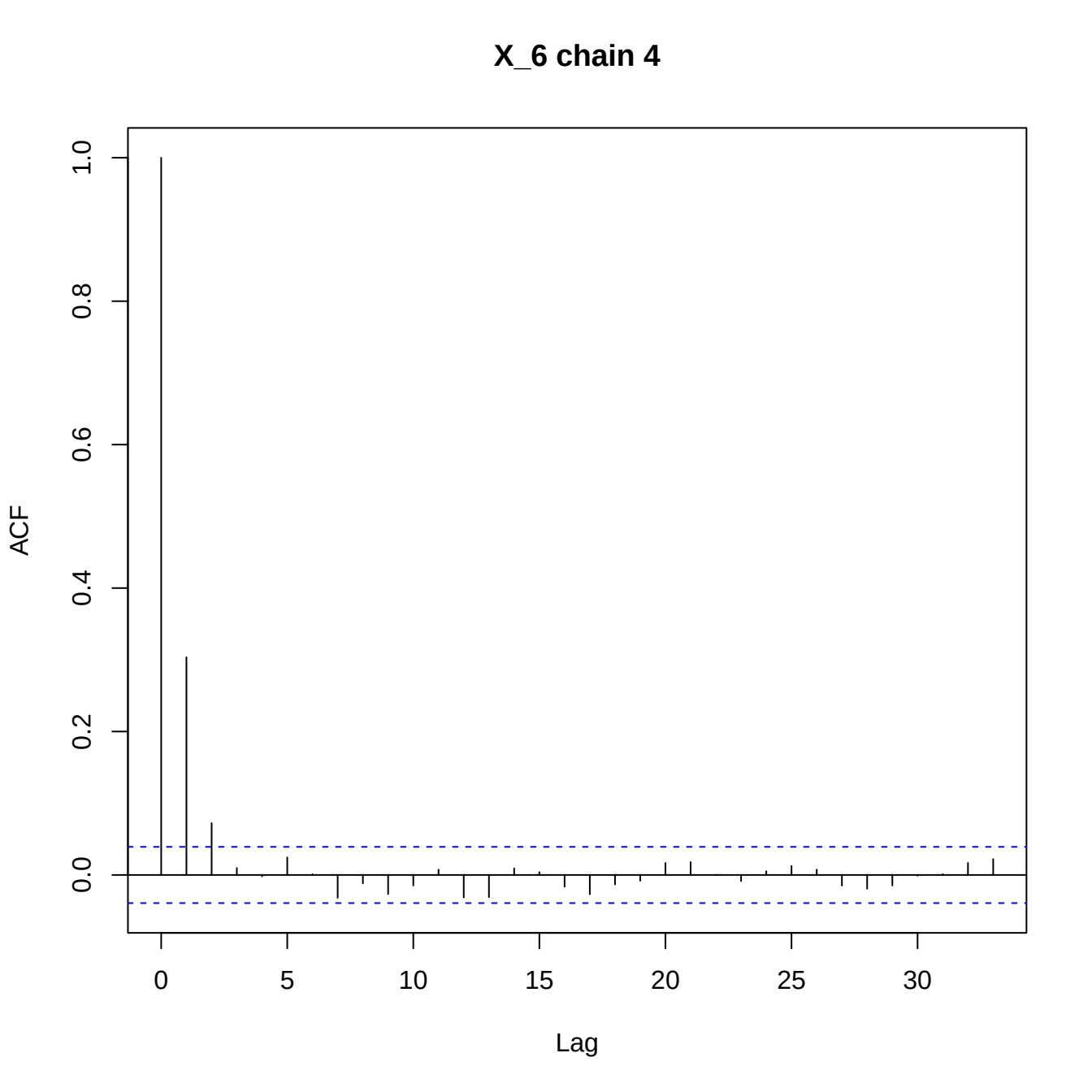

X_5 chain 5
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

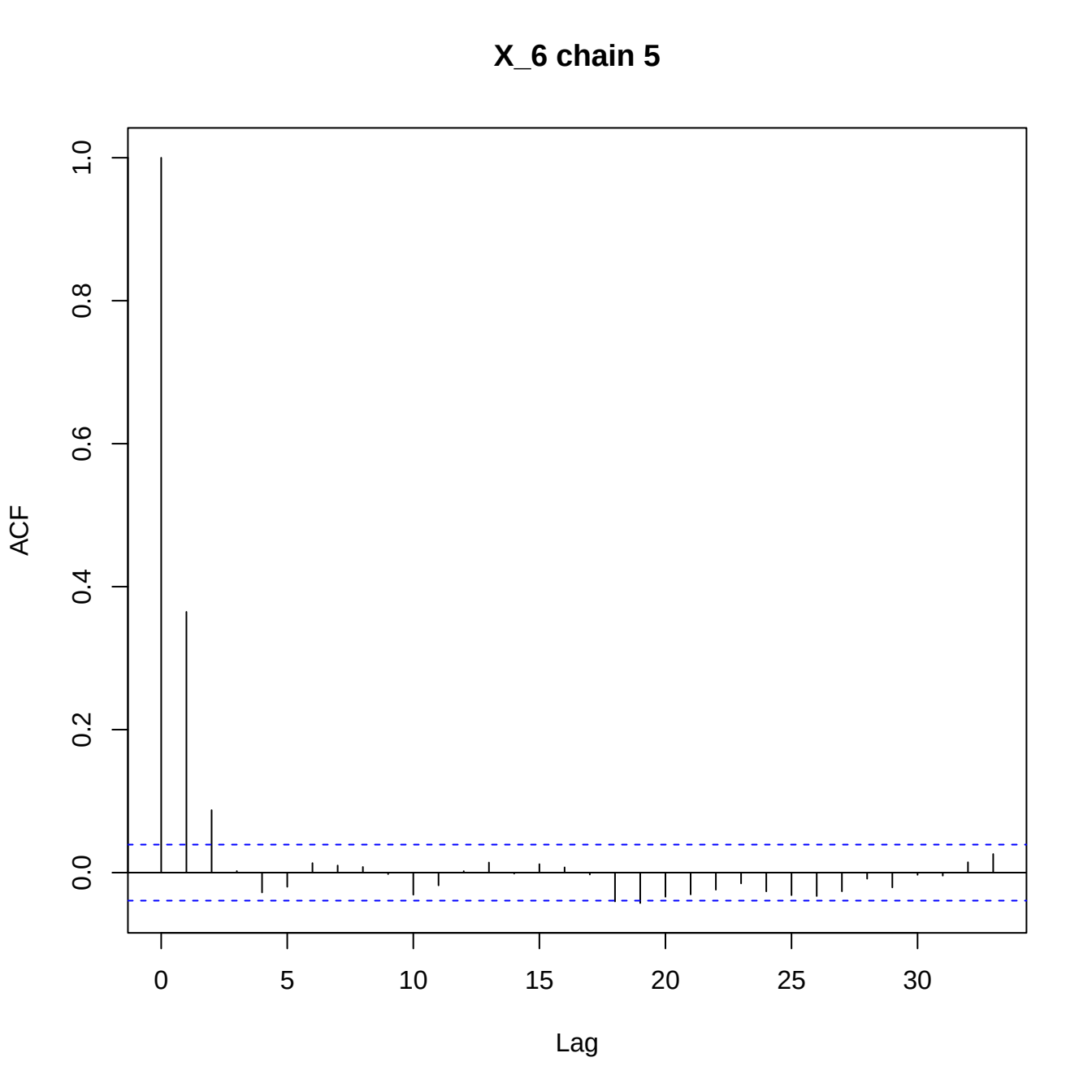

X_5 chain 6
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

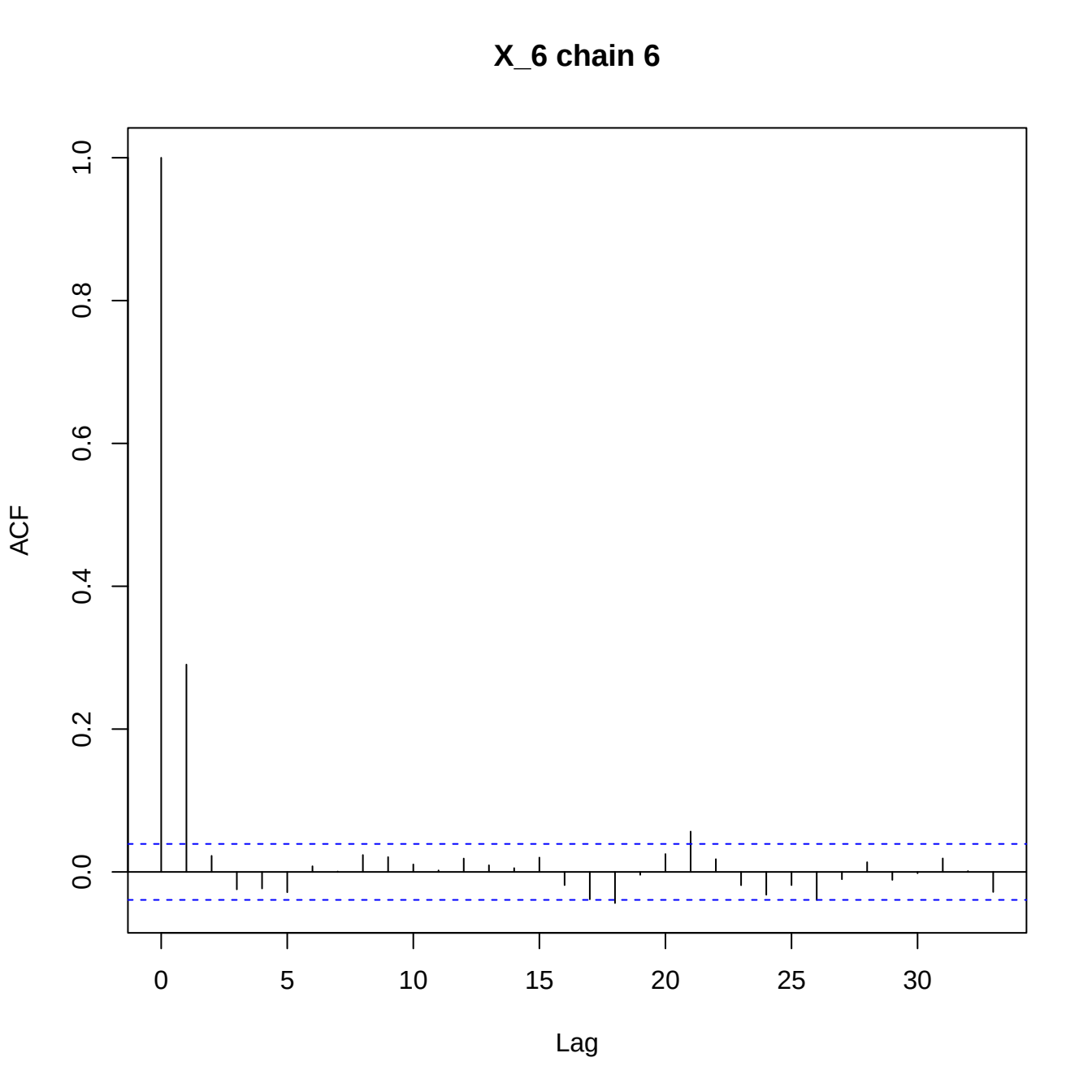

X_6 chain 1
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

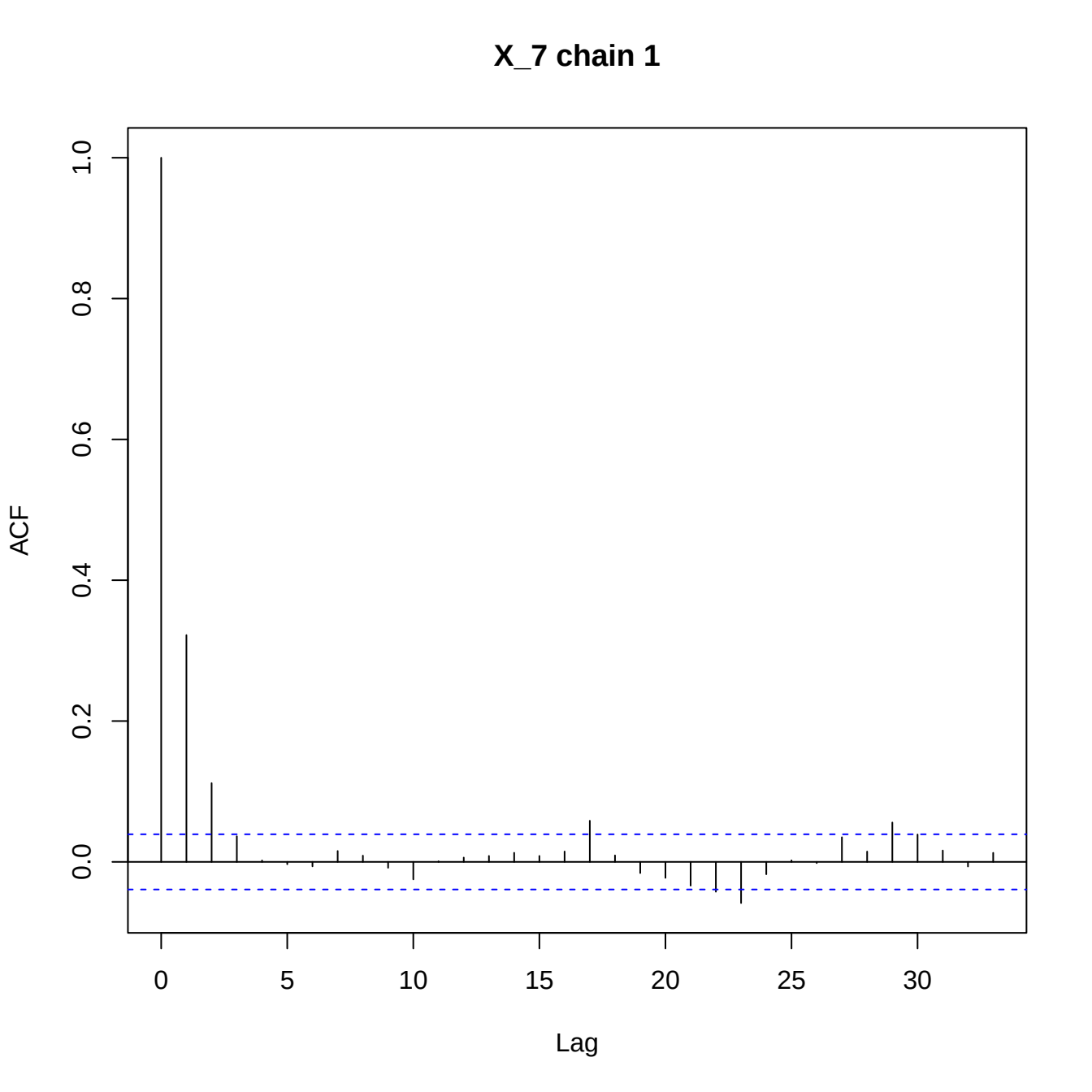

X_6 chain 2
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

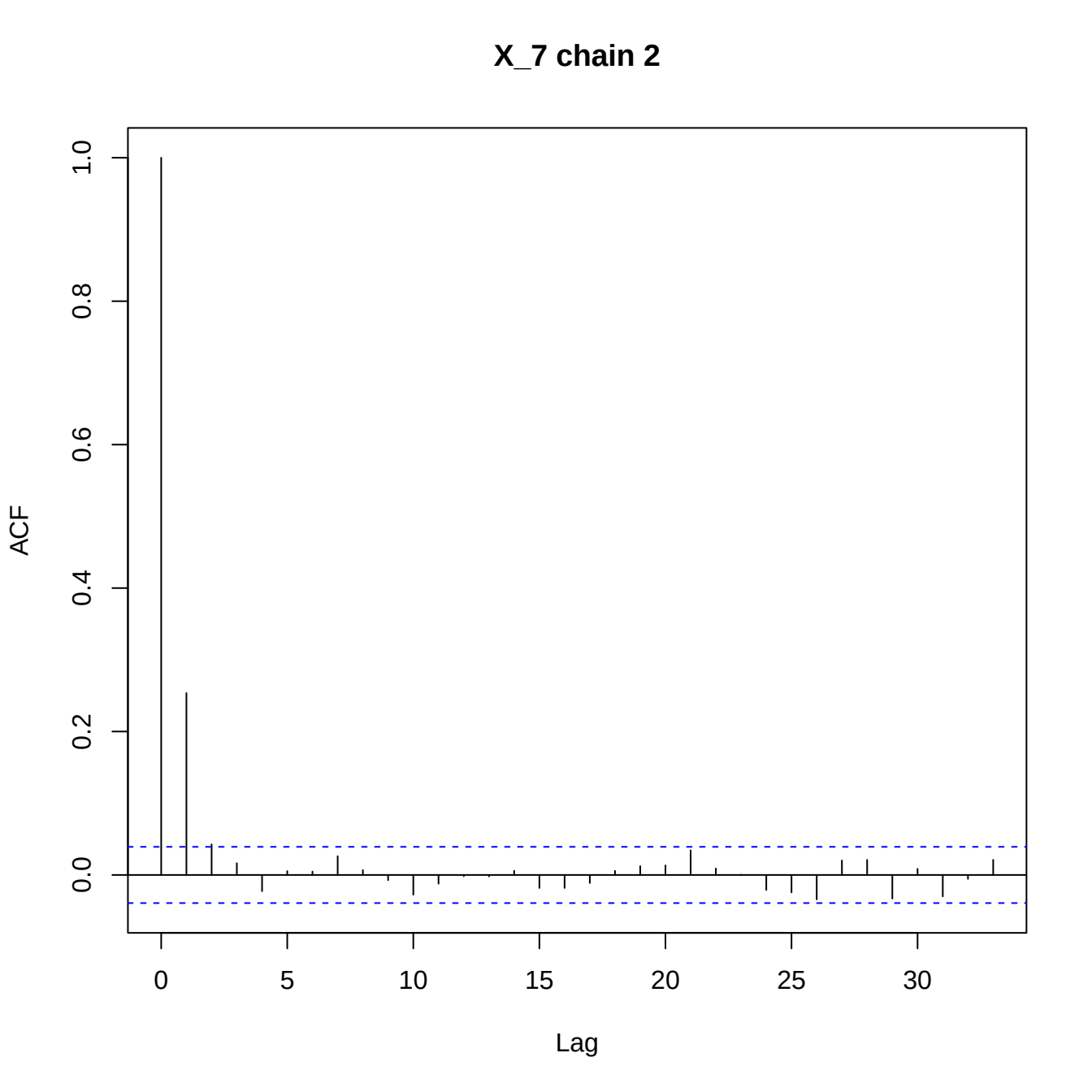

X_6 chain 3
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

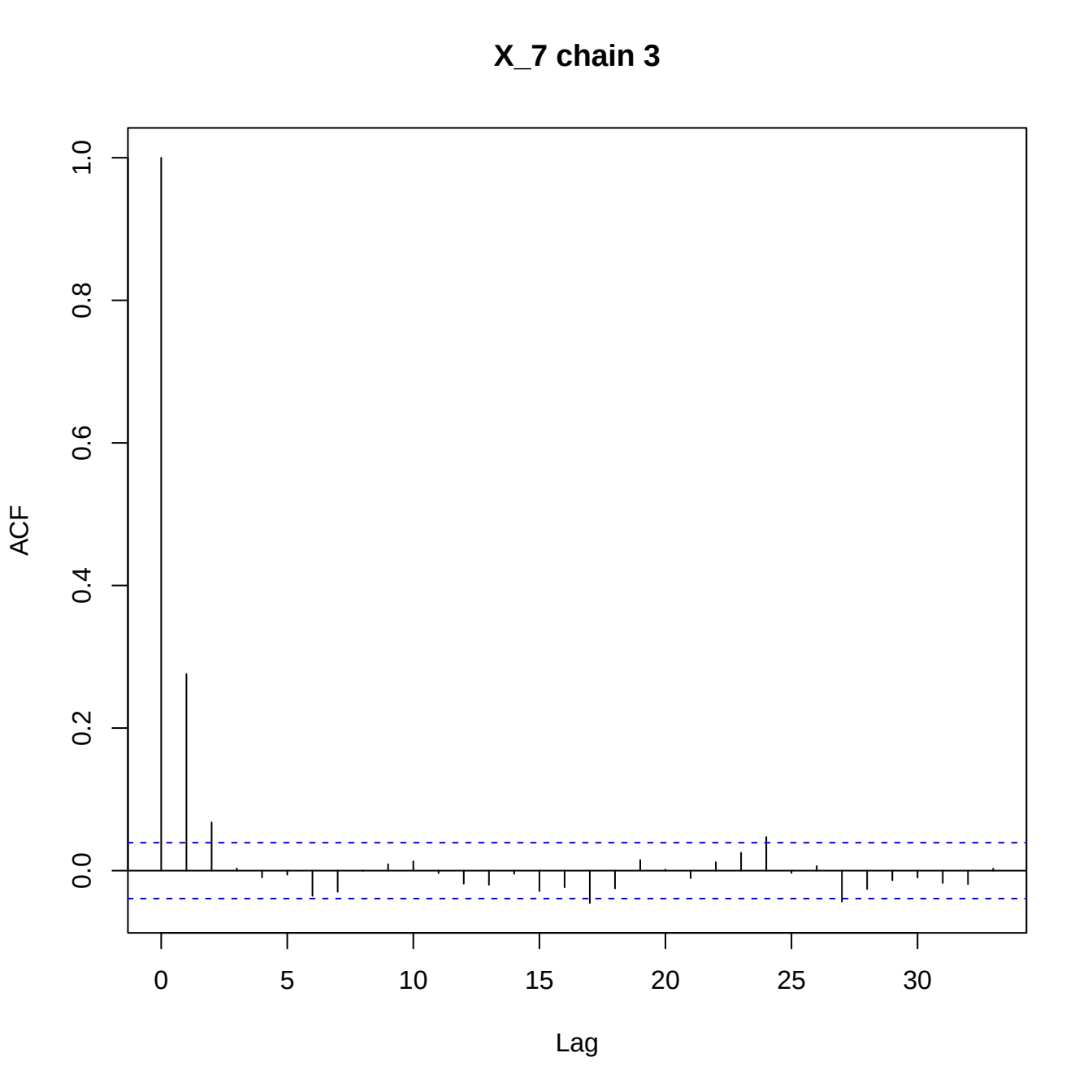

X_6 chain 4
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

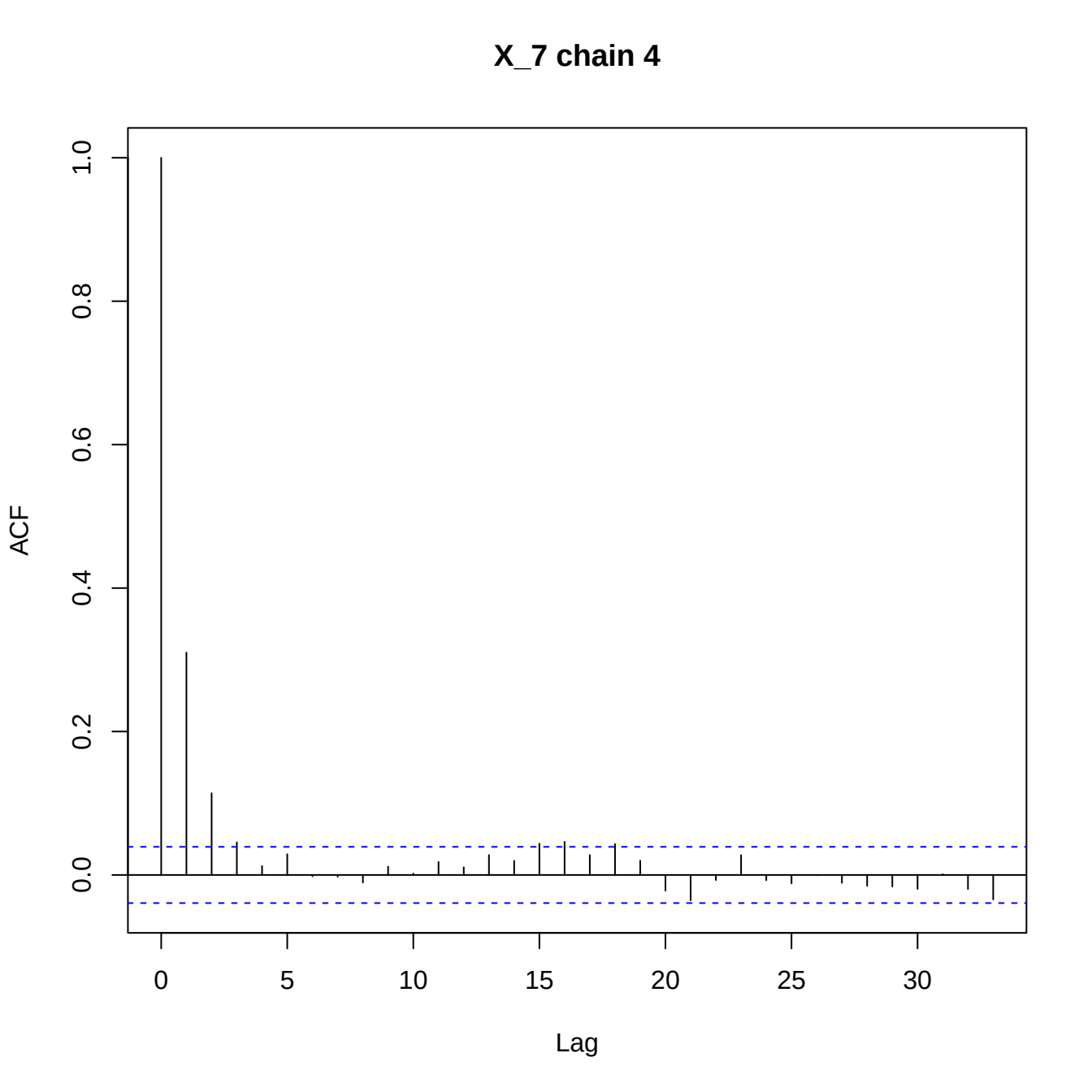

X_6 chain 5
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

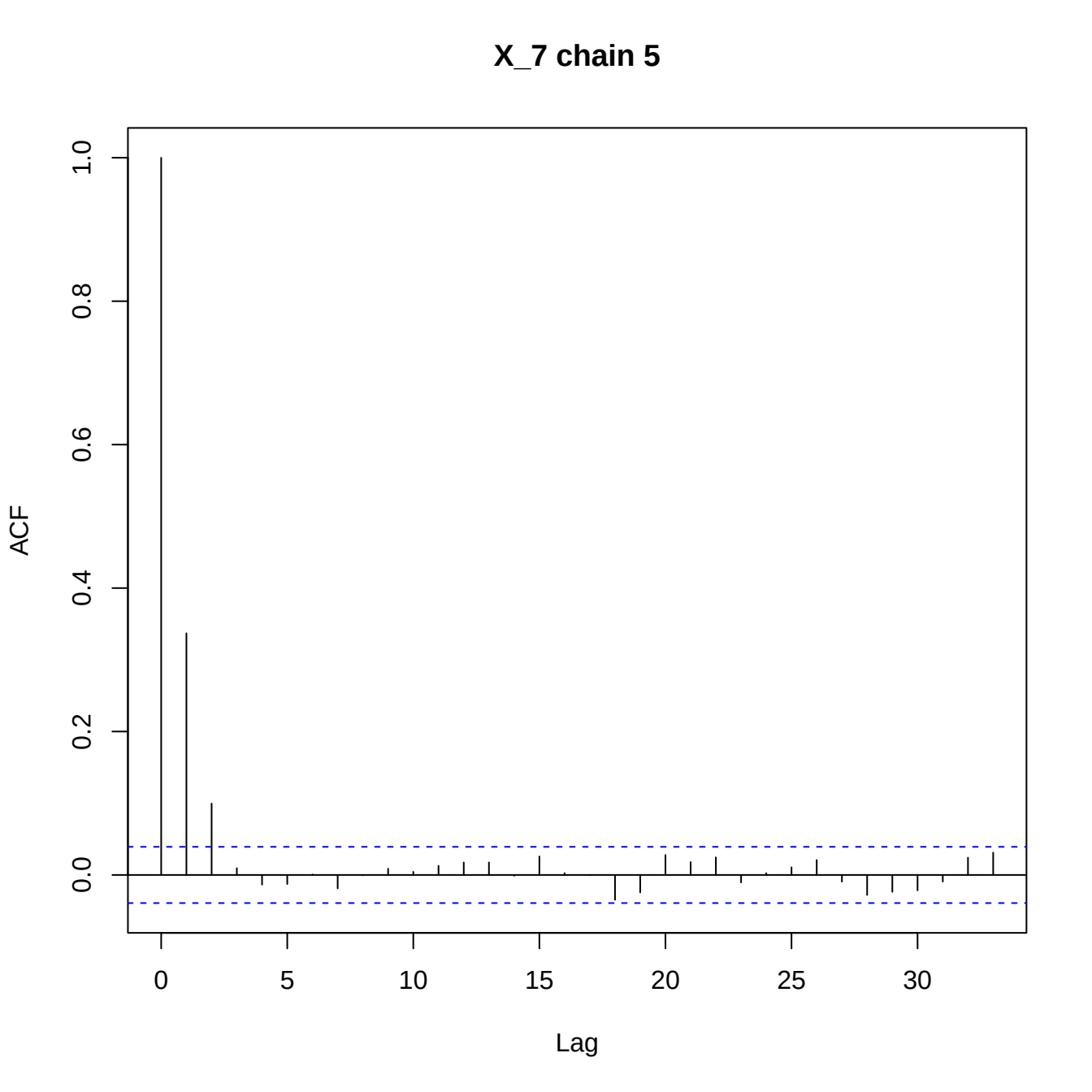

X_6 chain 6
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

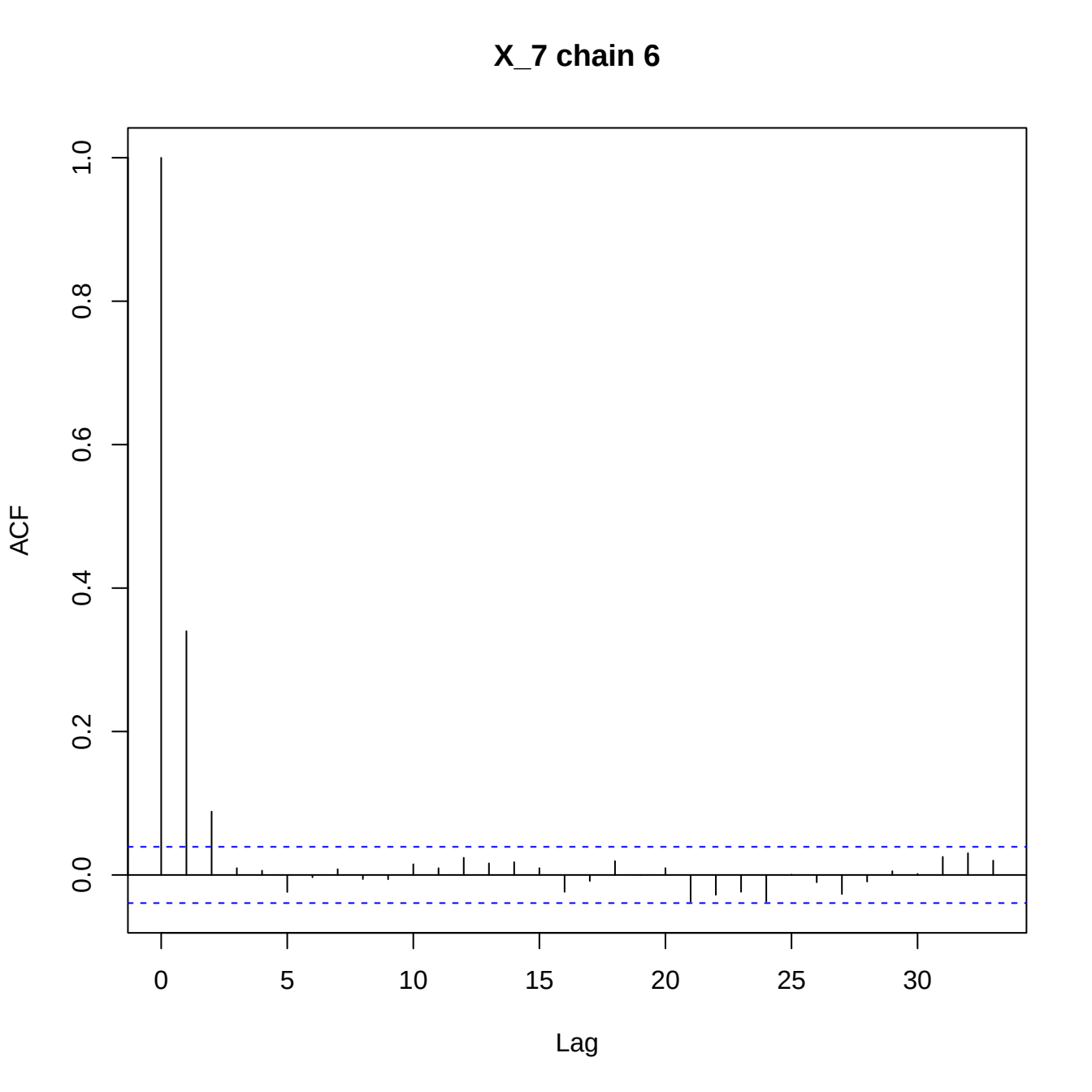

X_7 chain 1
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

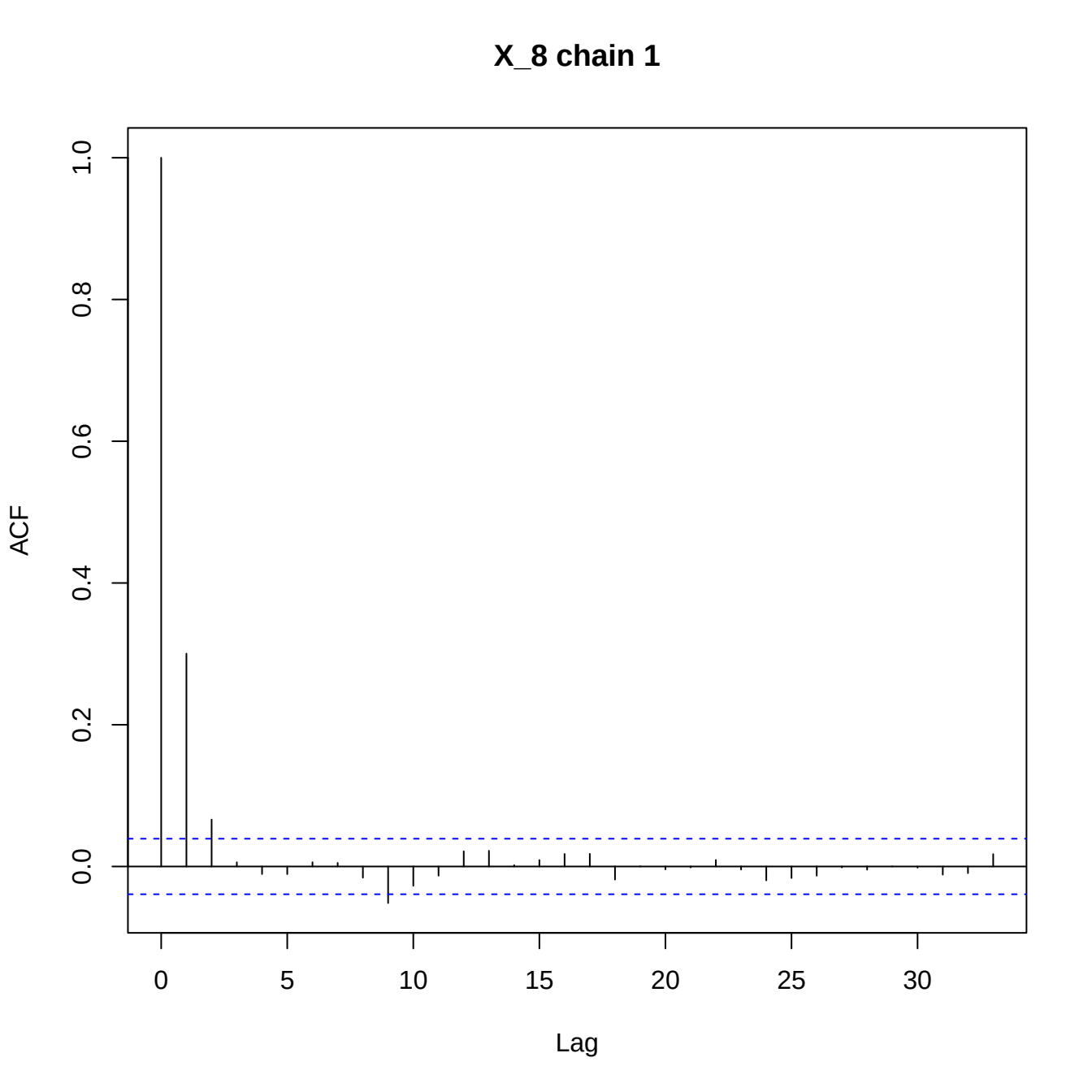

X_7 chain 2
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

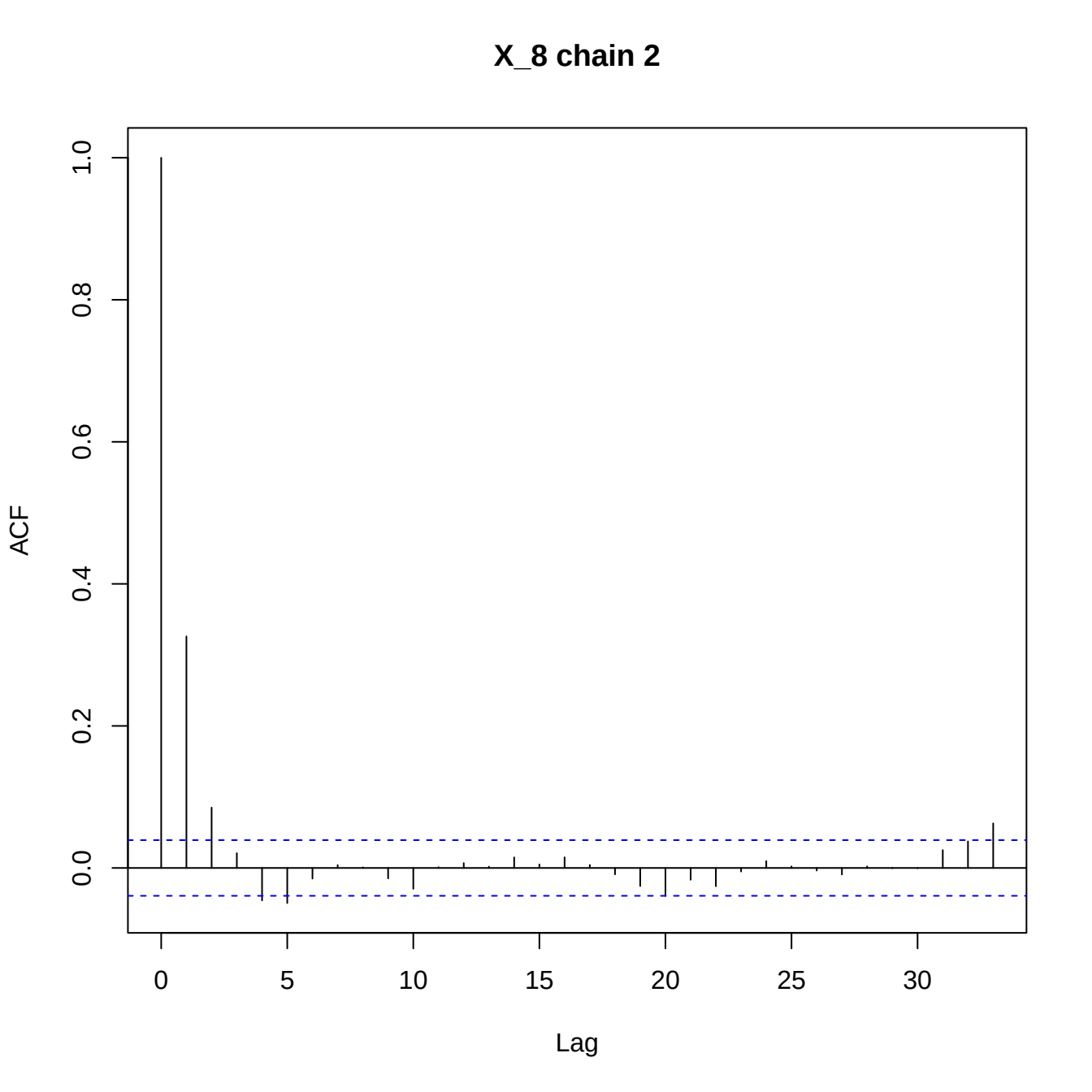

X_7 chain 3
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

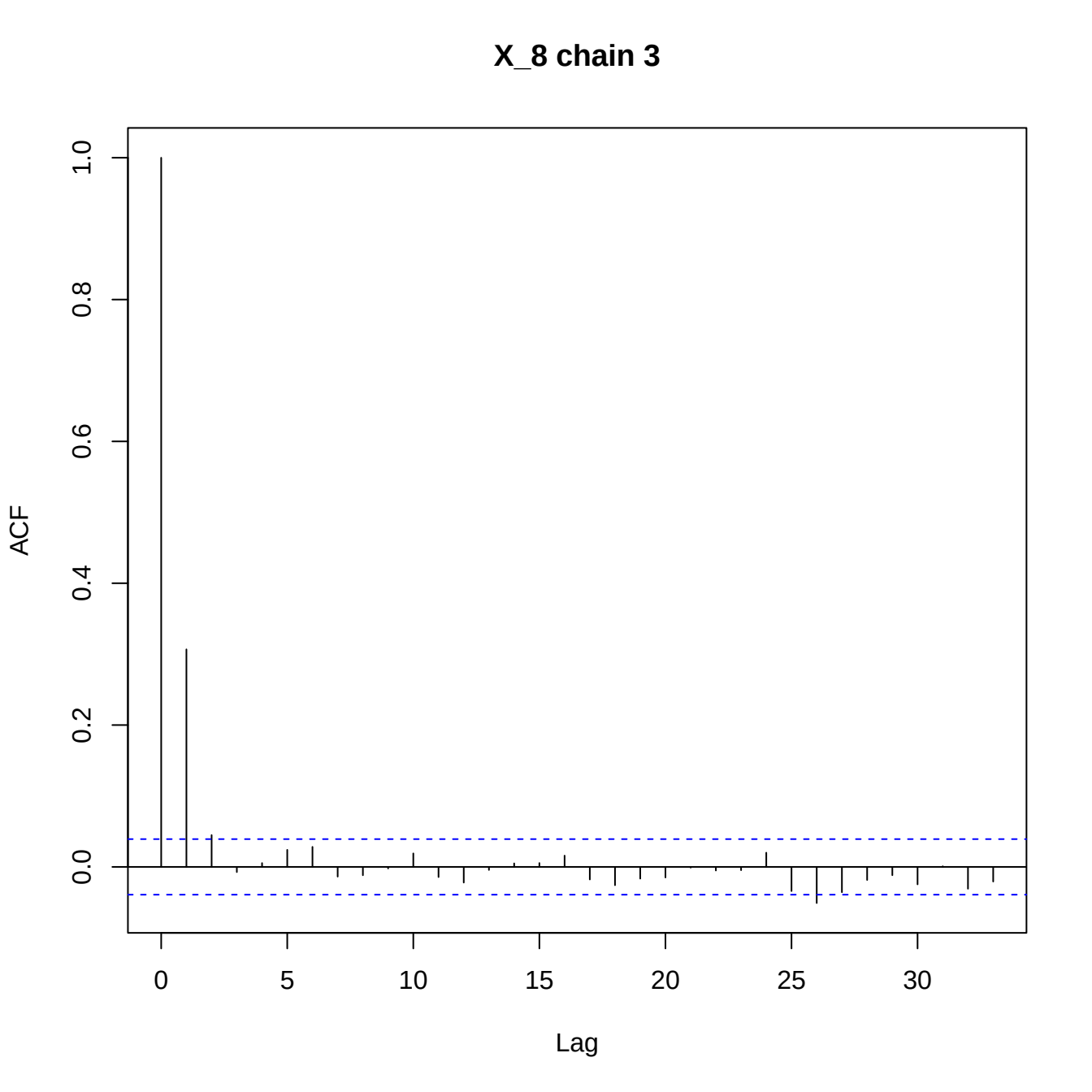

X_7 chain 4
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

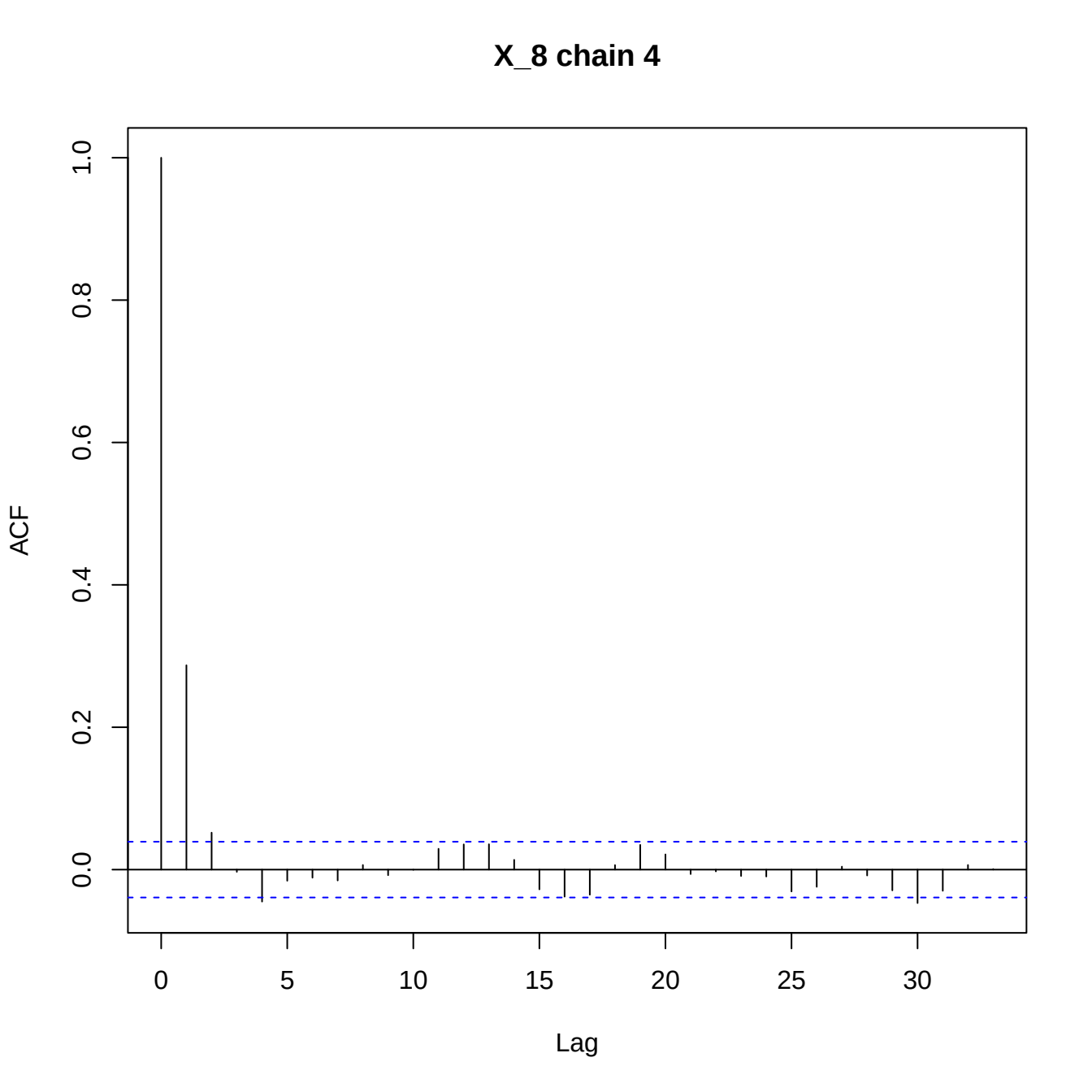

X_7 chain 5
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

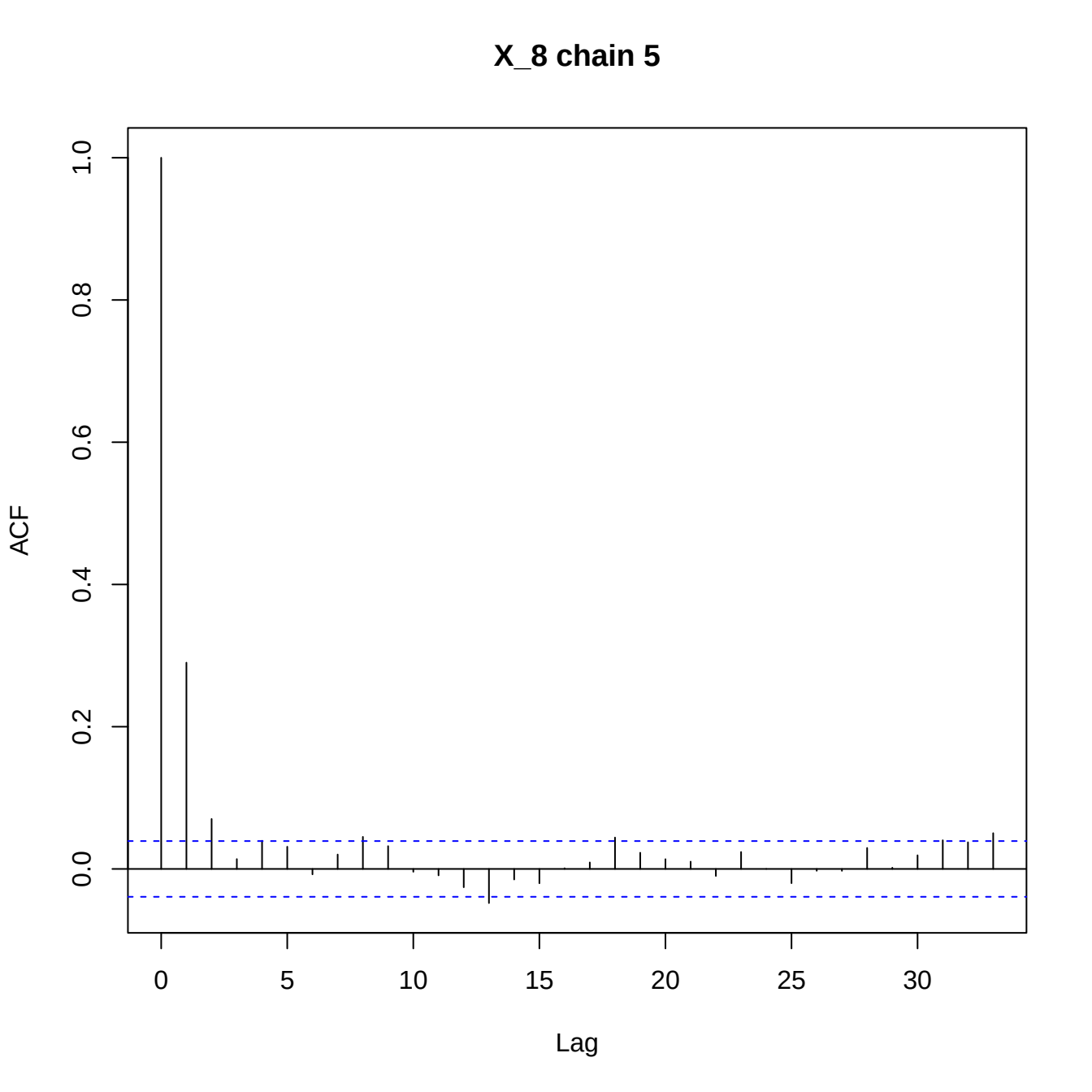

X_7 chain 6
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

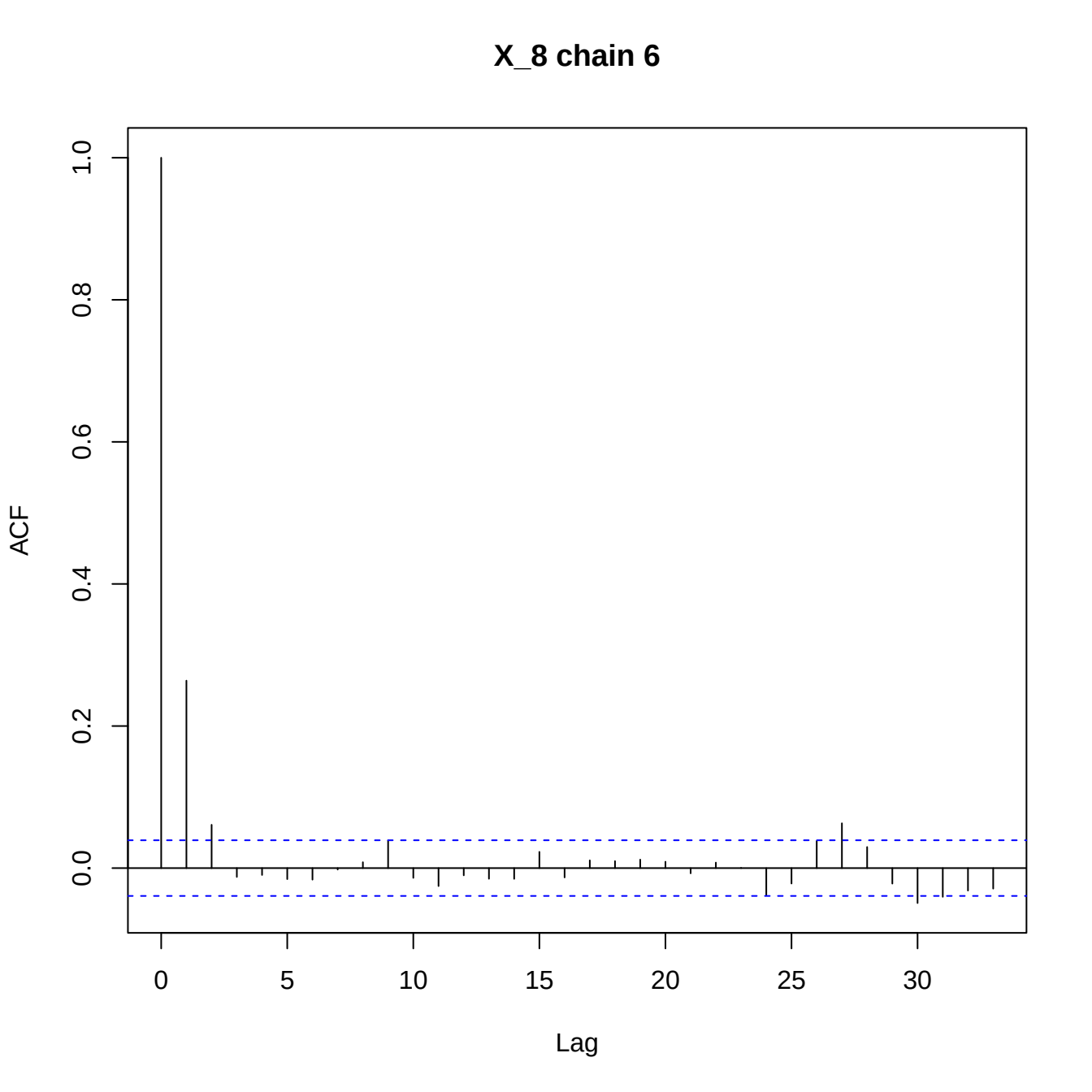

X_8 chain 1
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

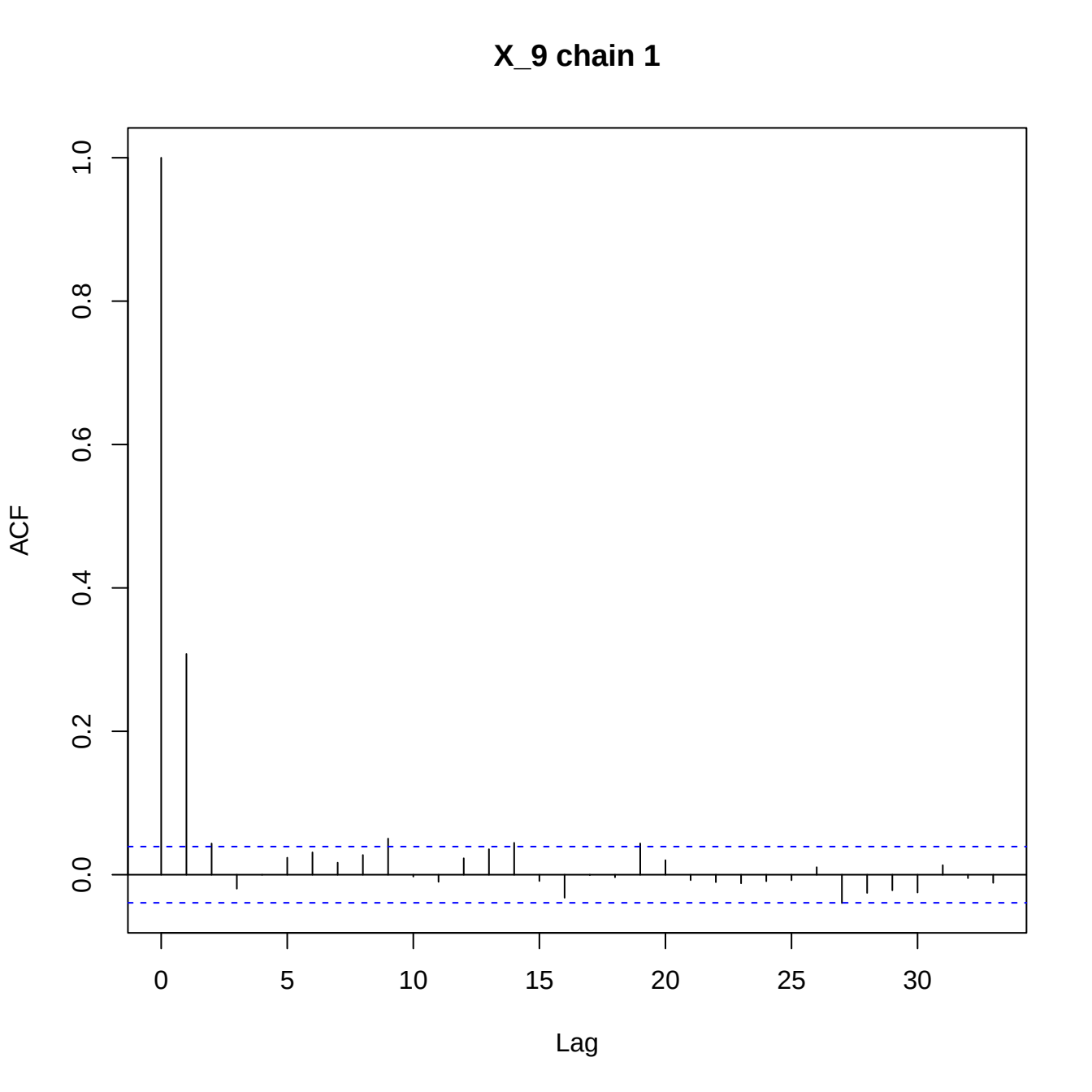

X_8 chain 2
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

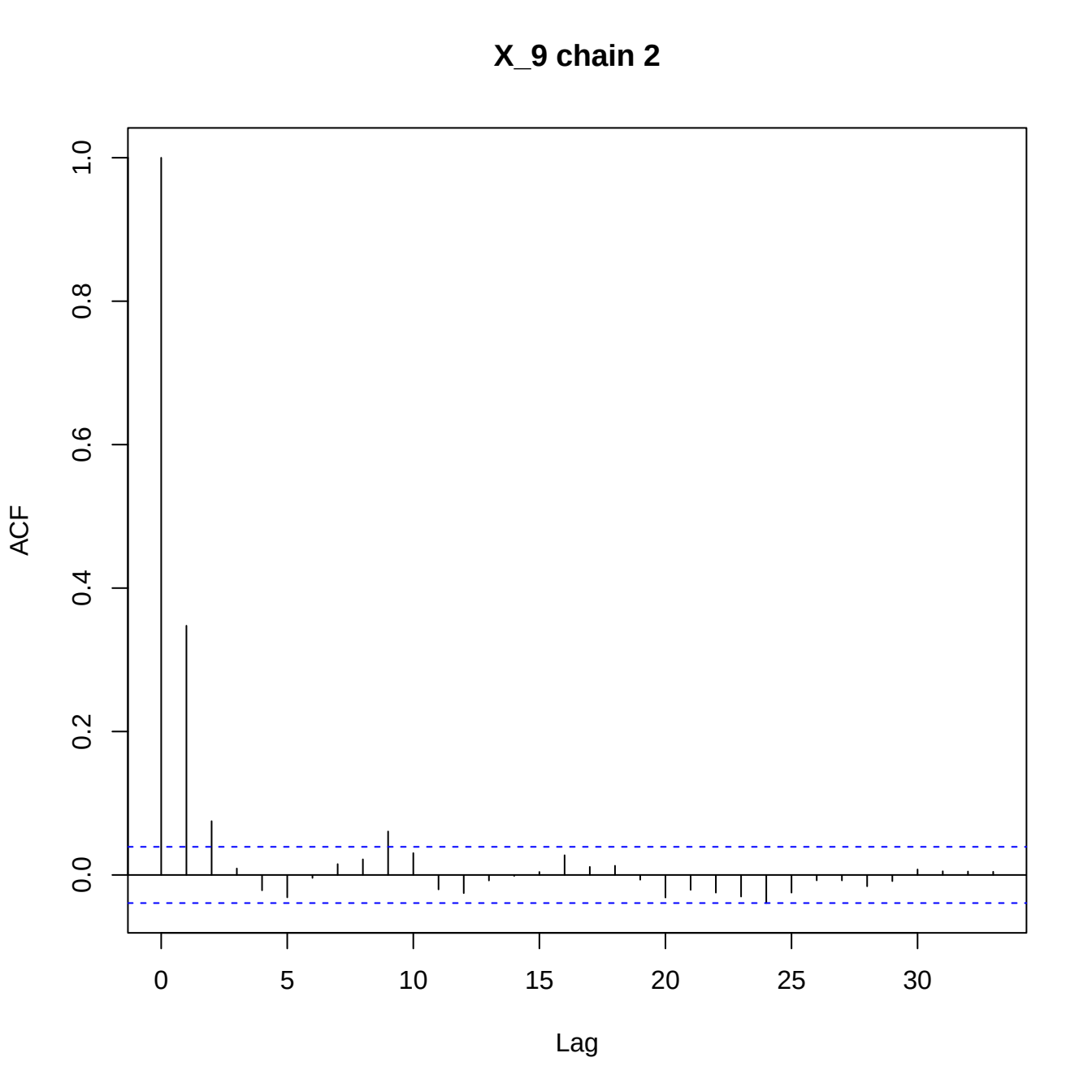

X_8 chain 3
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

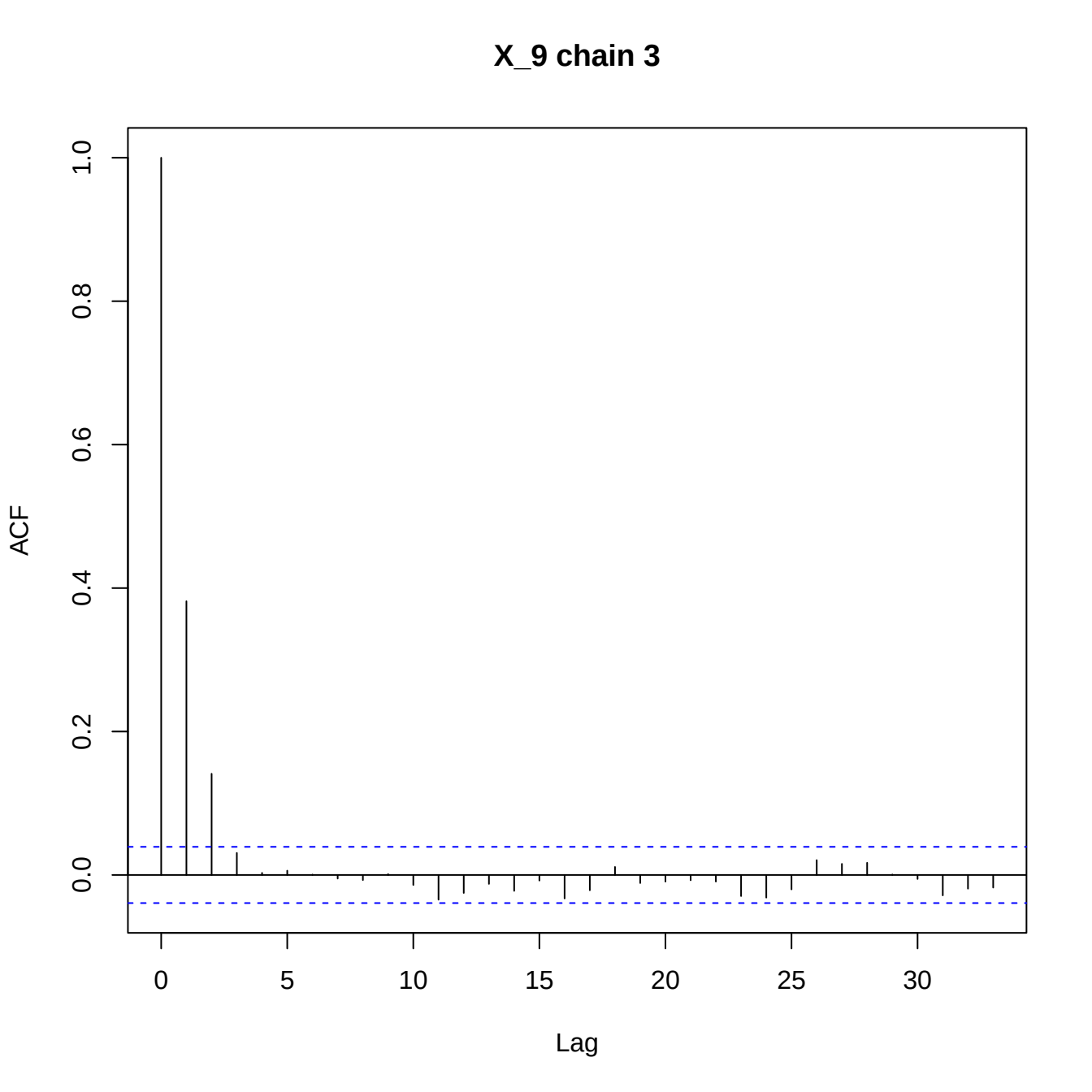

X_8 chain 4
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

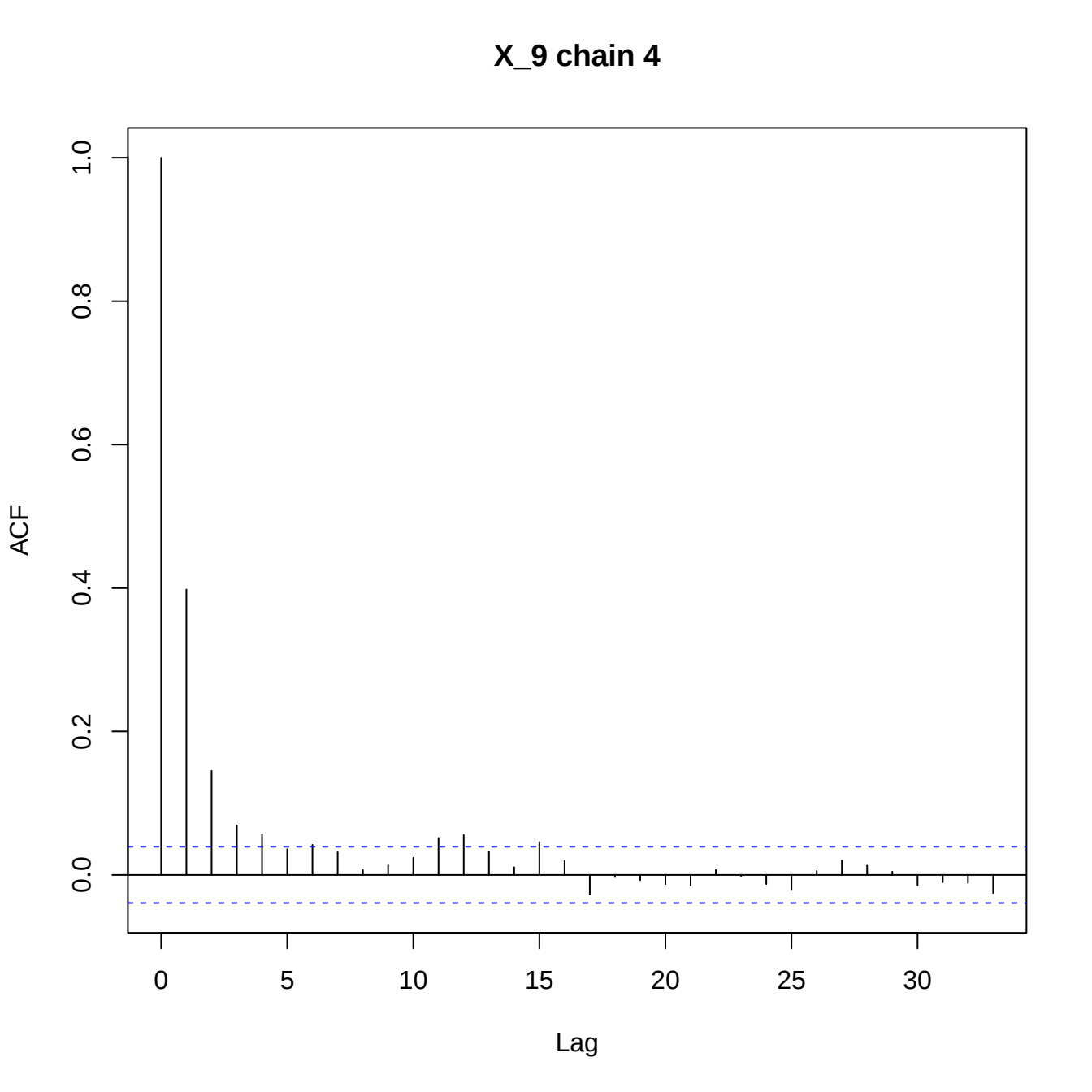

X_8 chain 5
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

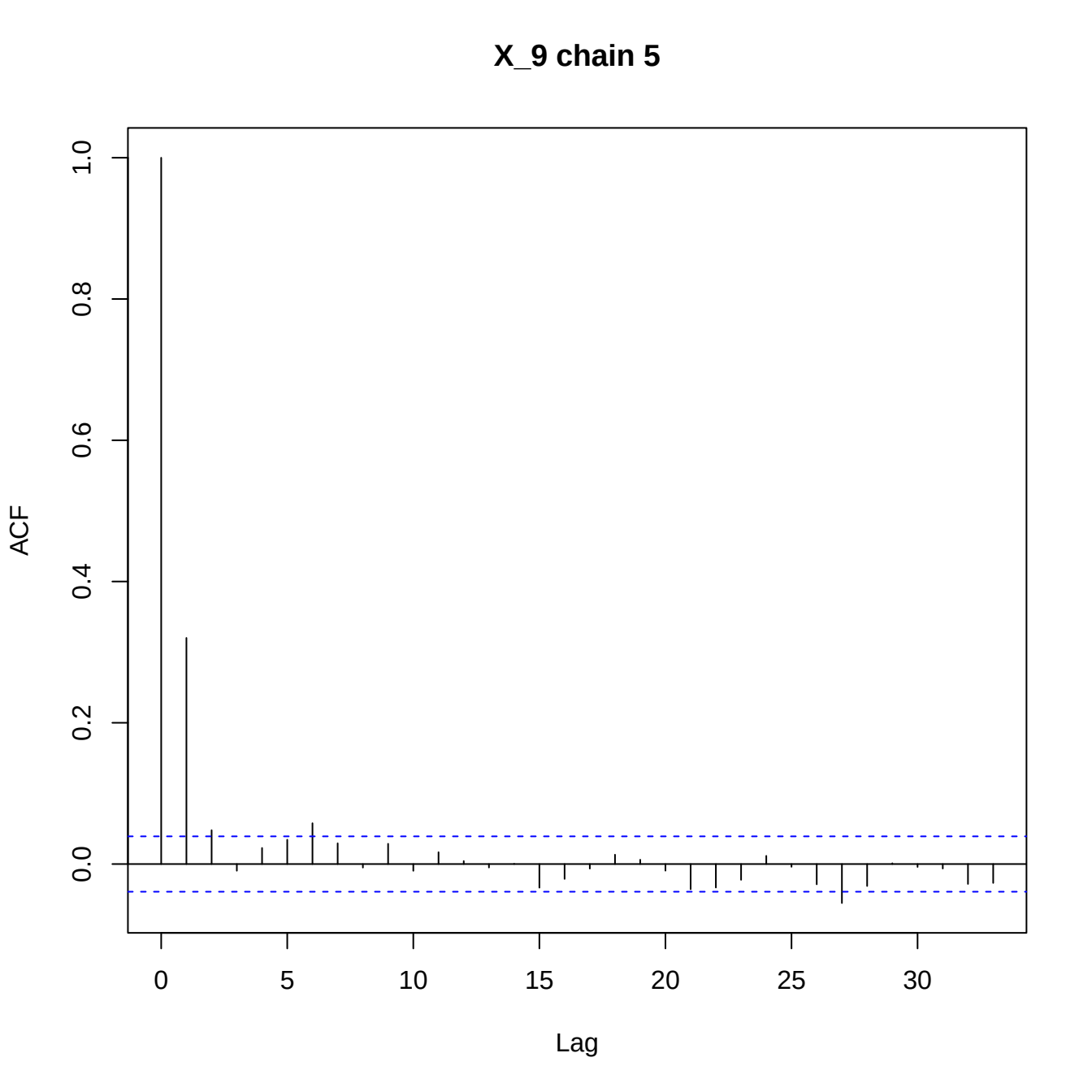

X_8 chain 6
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

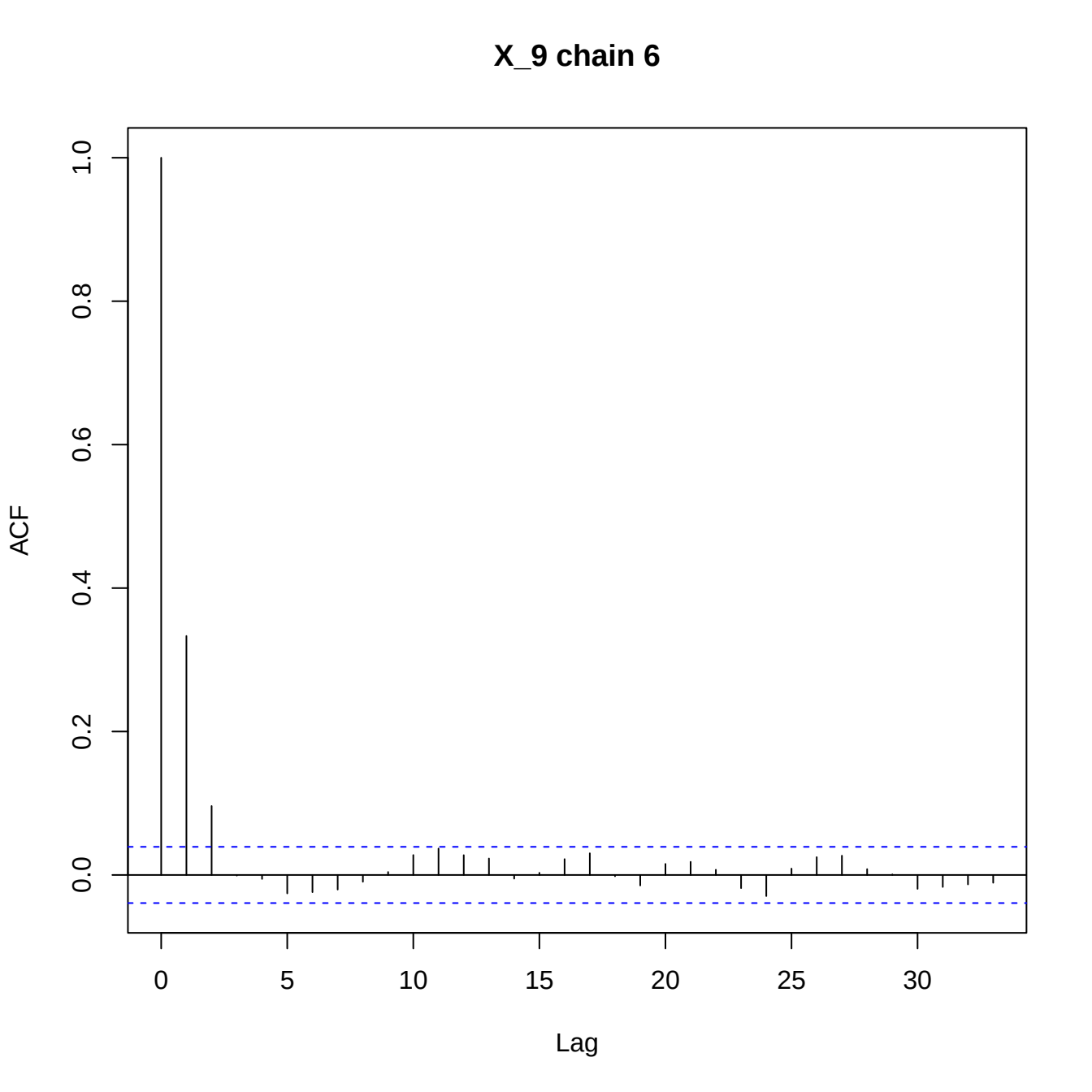

X_9 chain 1
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

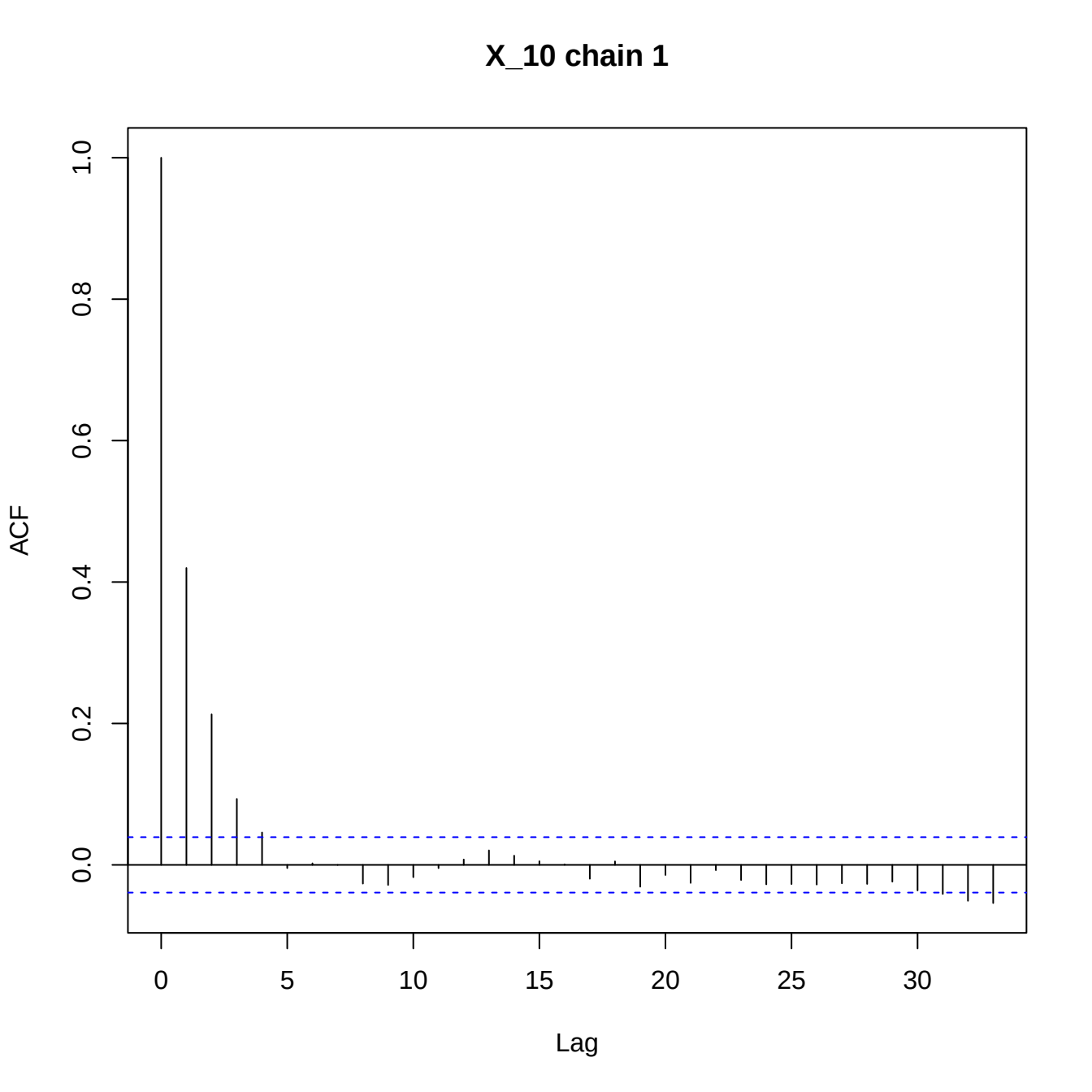

X_9 chain 2
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

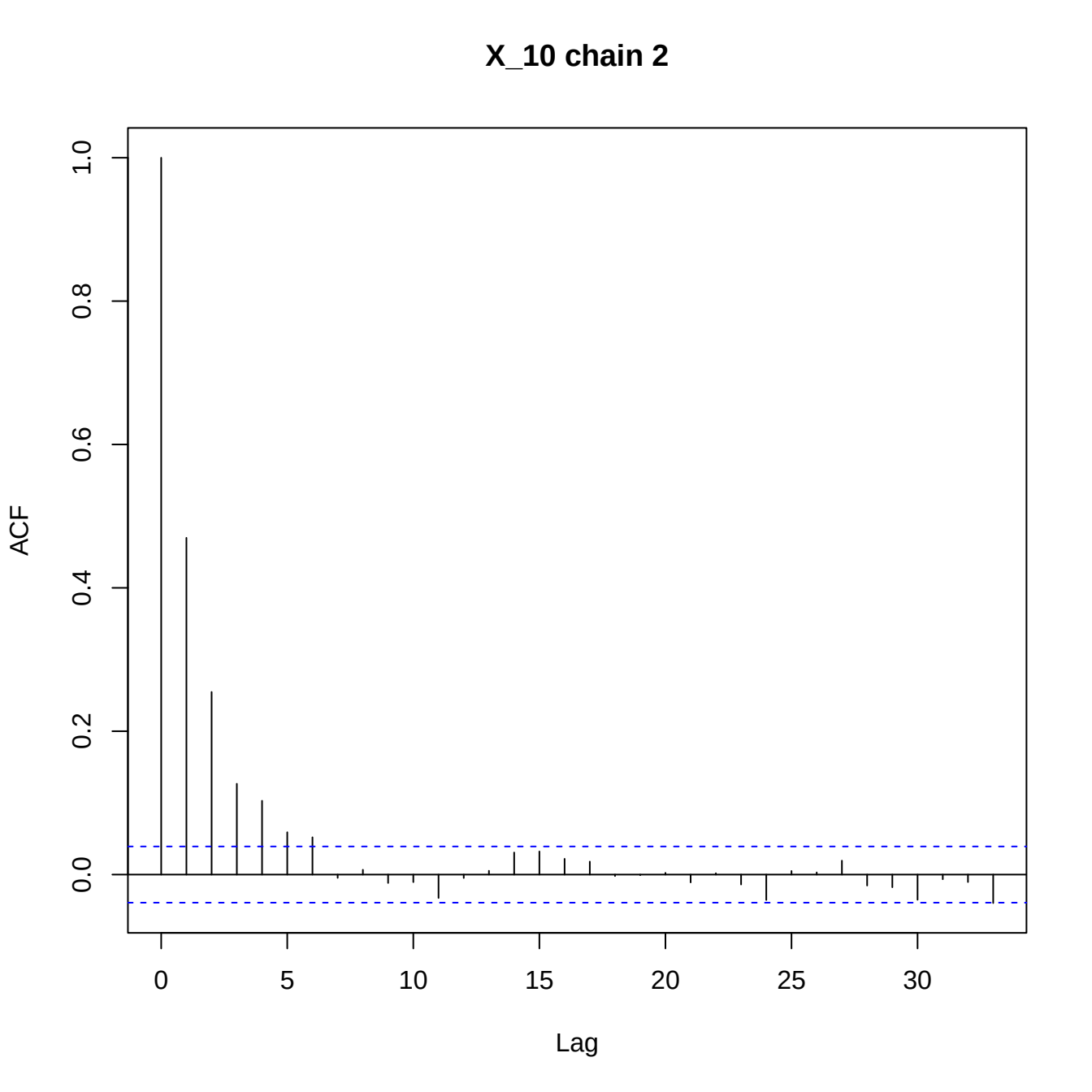

X_9 chain 3
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

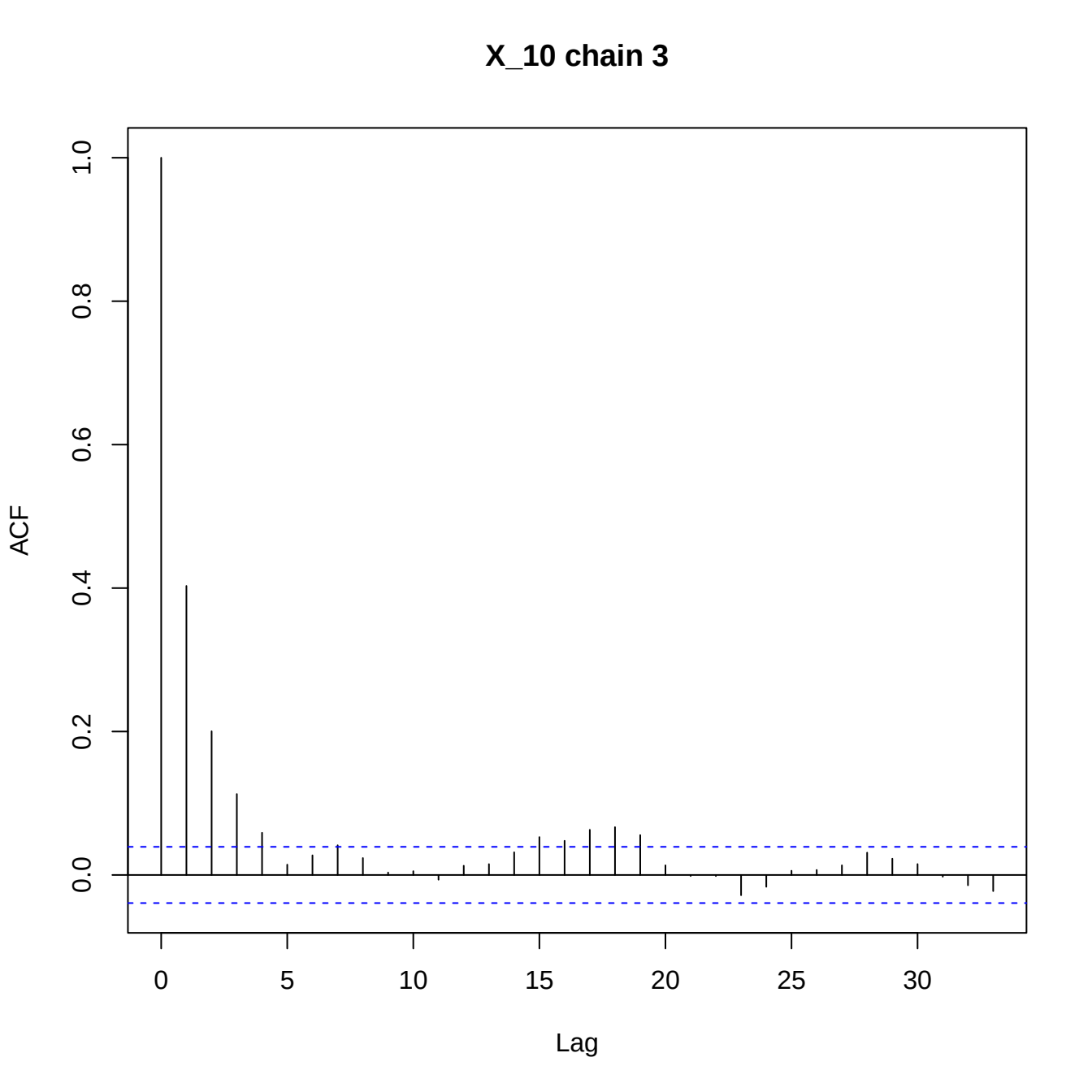

X_9 chain 4
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

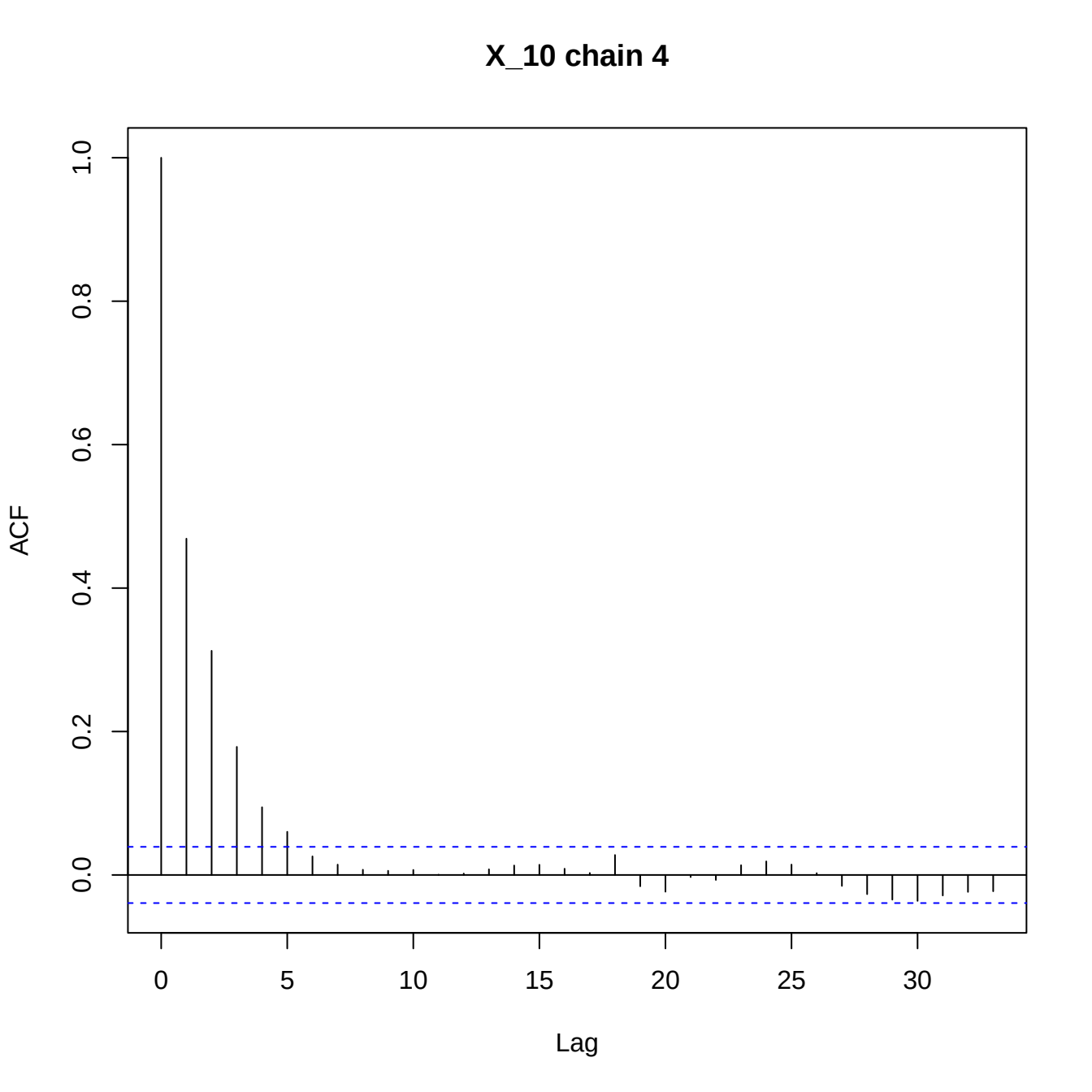

X_9 chain 5
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

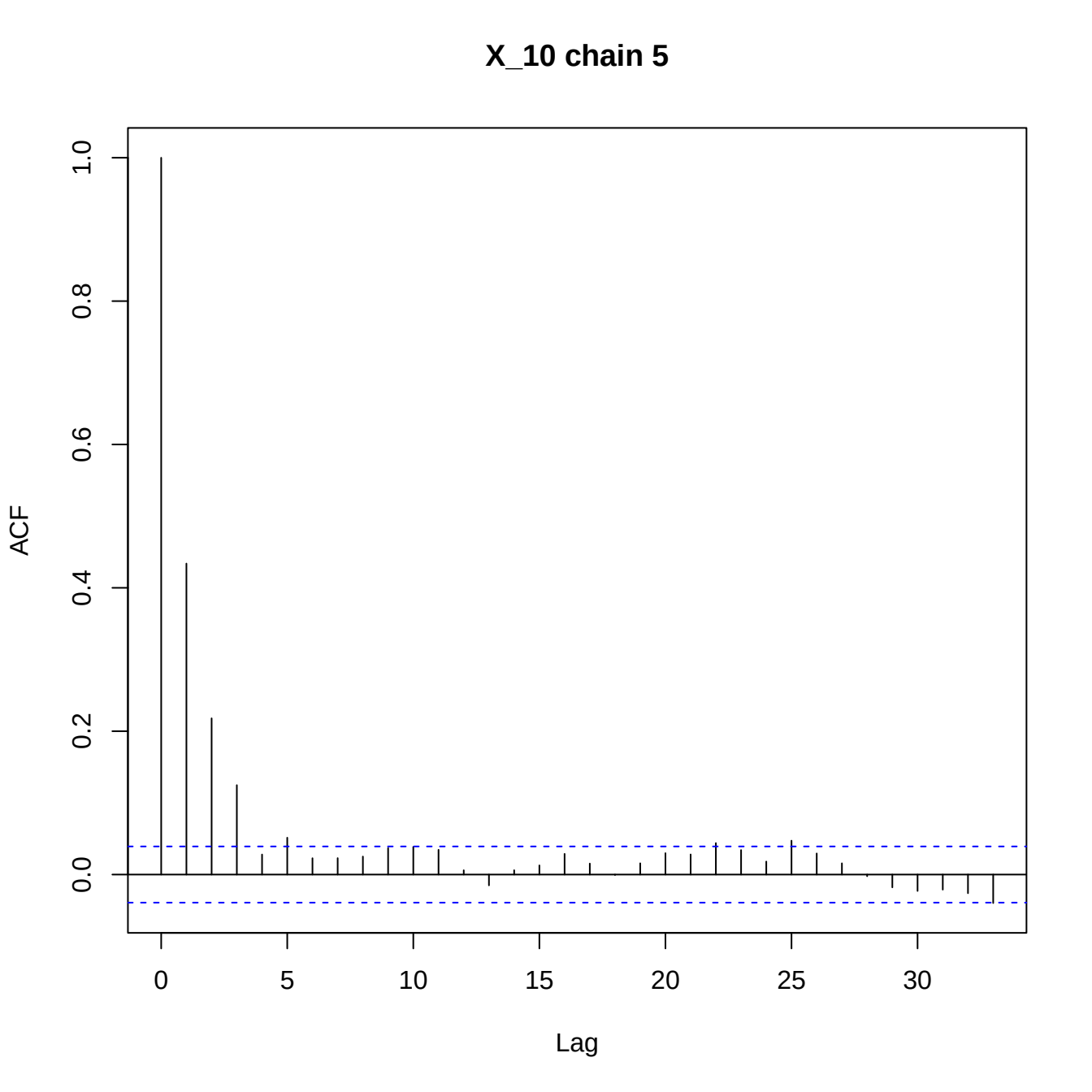

X_9 chain 6
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

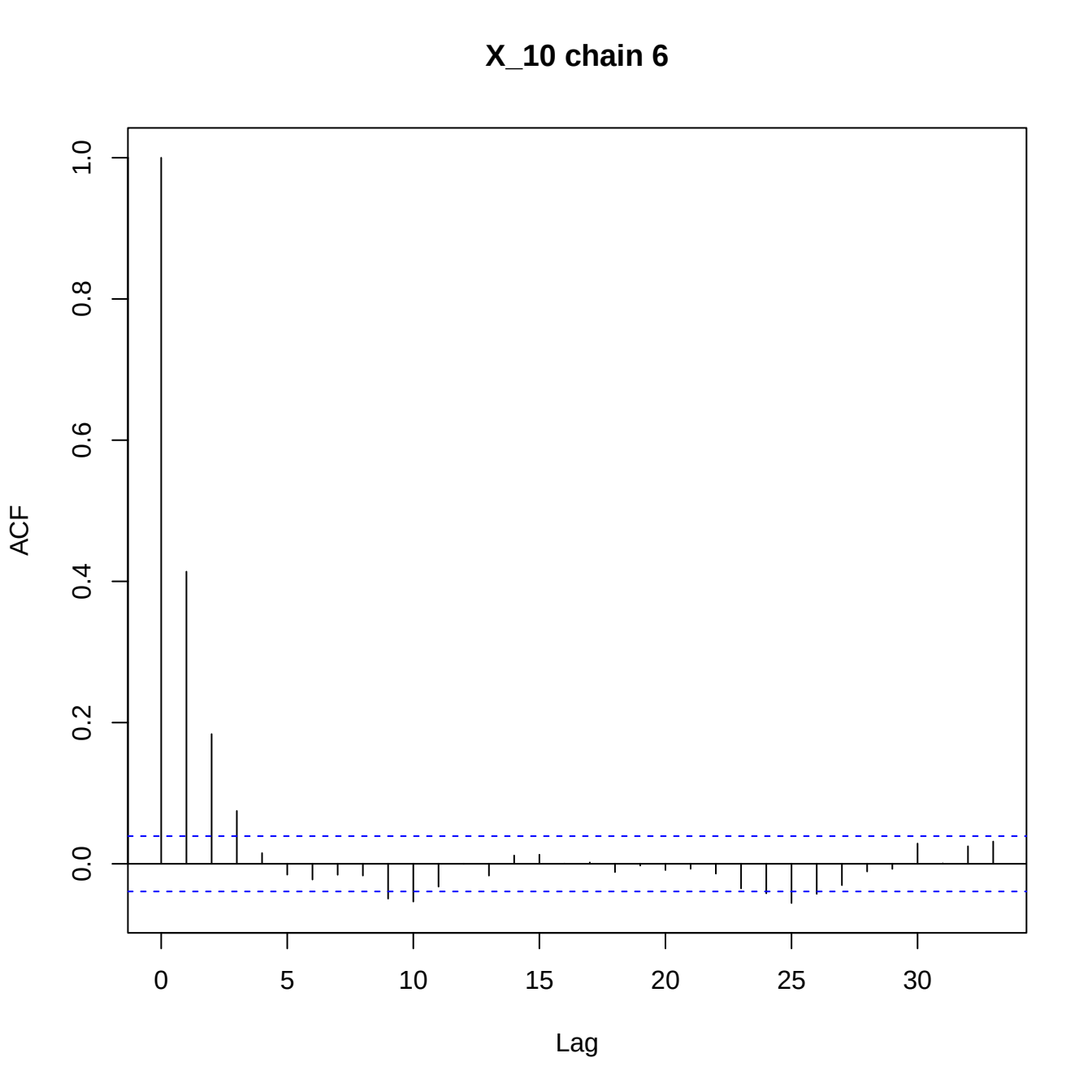

X_10 chain 1
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

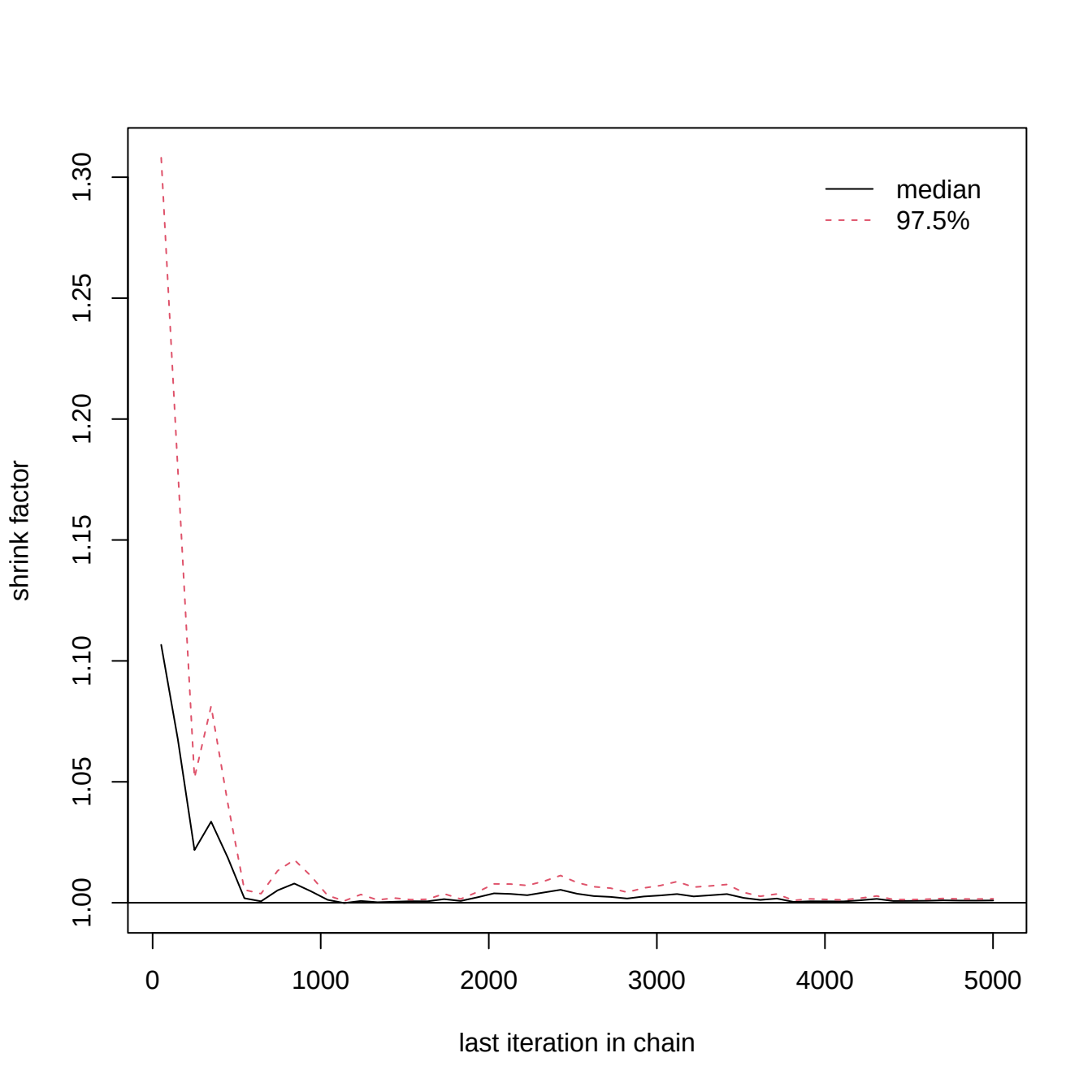

X_10 chain 2
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

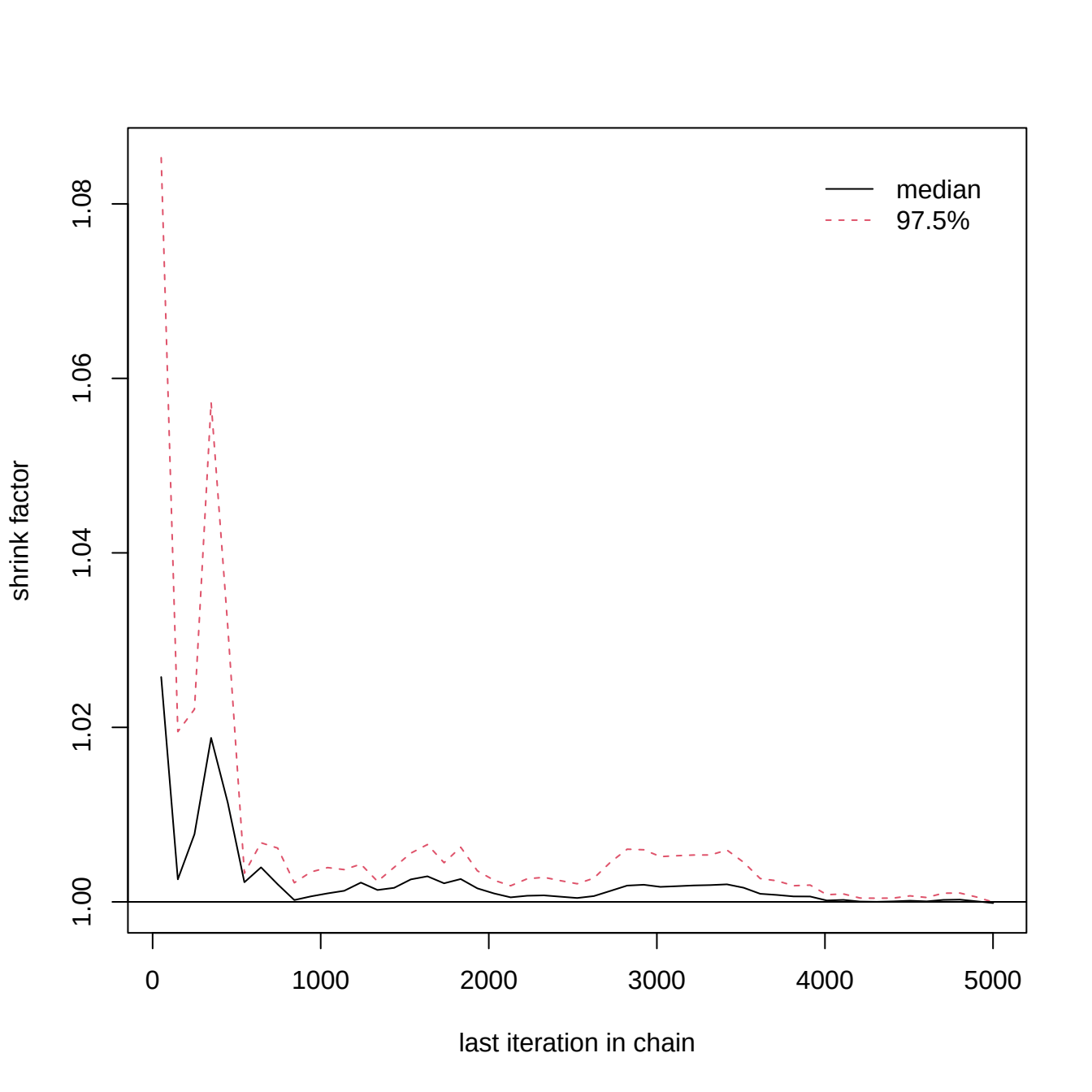

X_10 chain 3
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

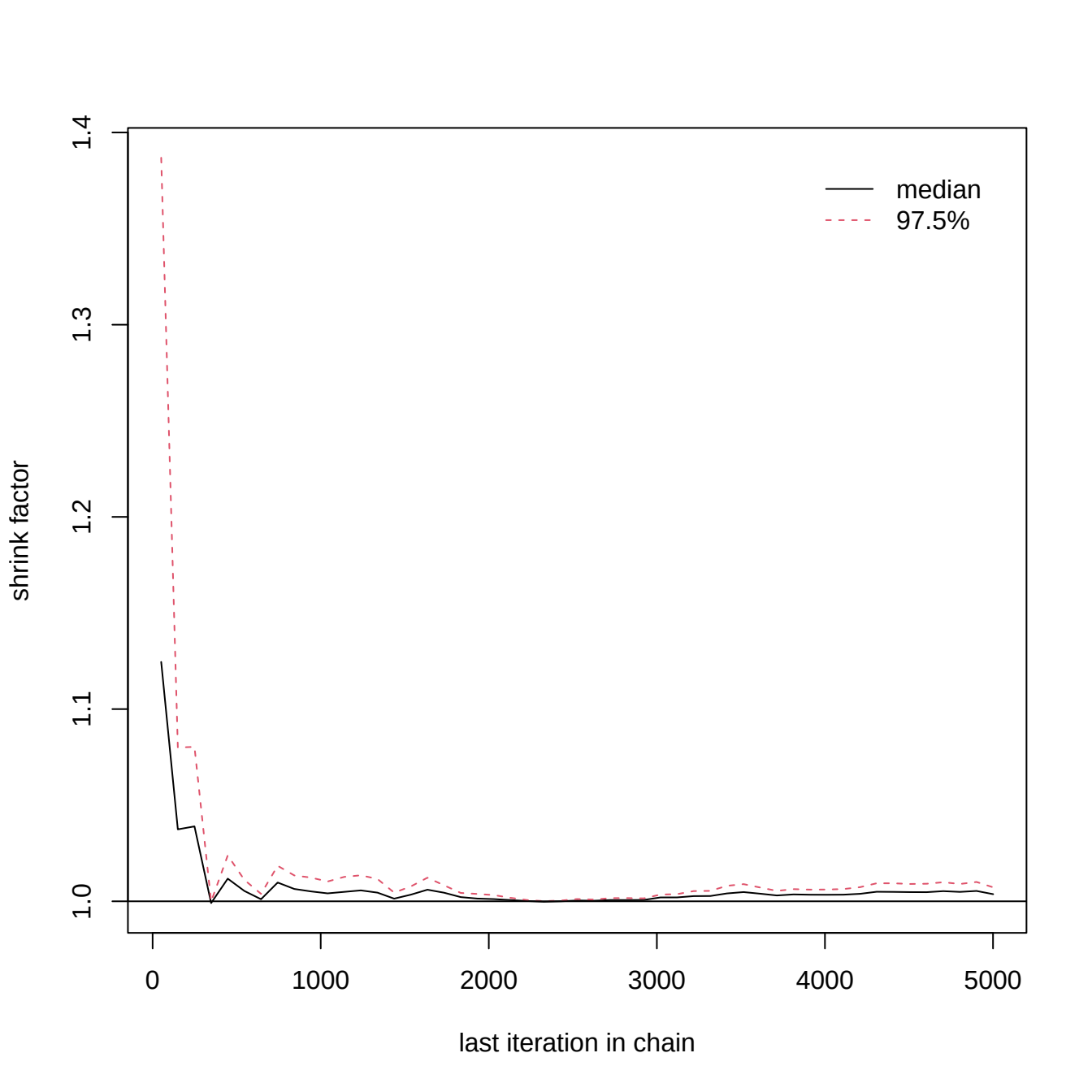

X_10 chain 4
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

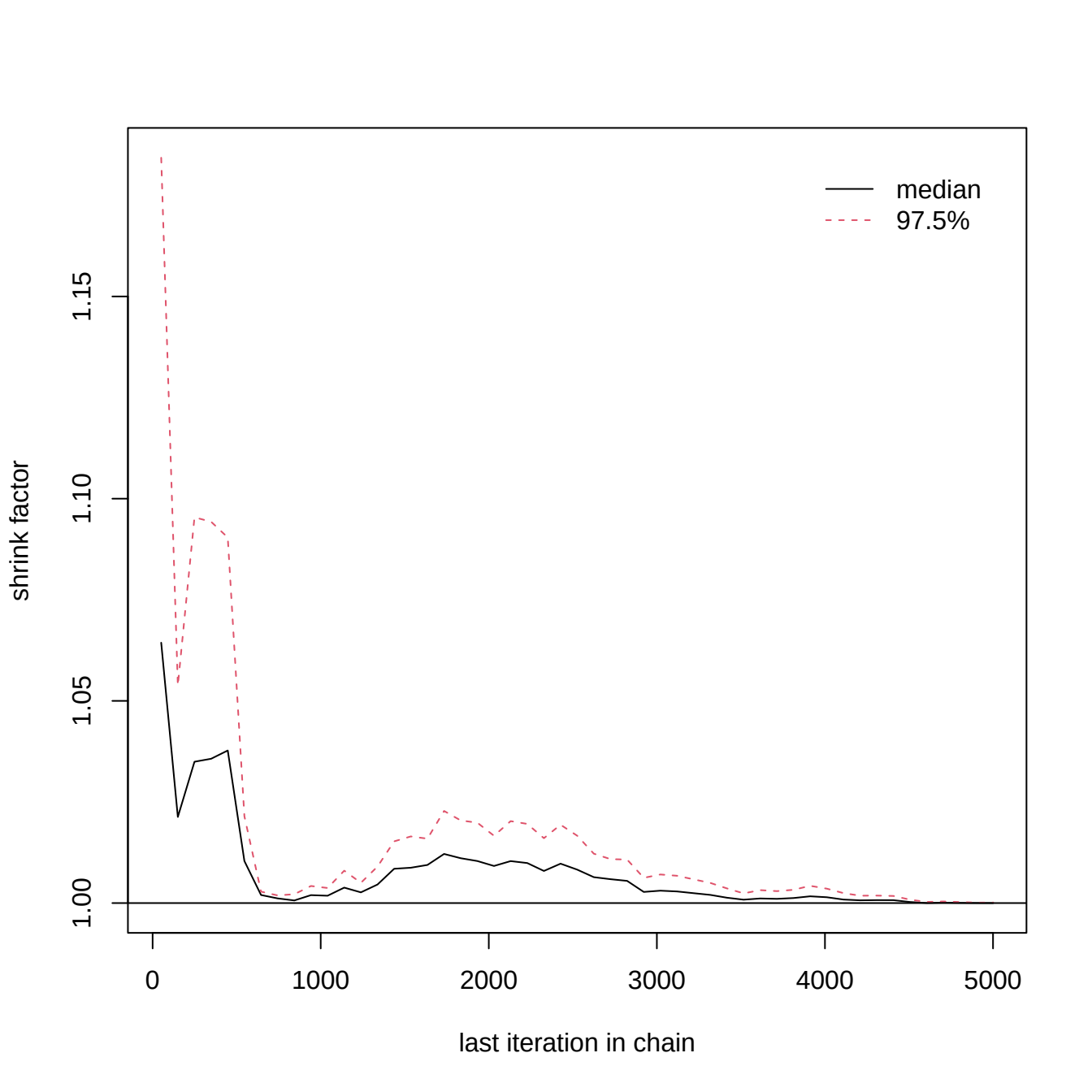

X_10 chain 5
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

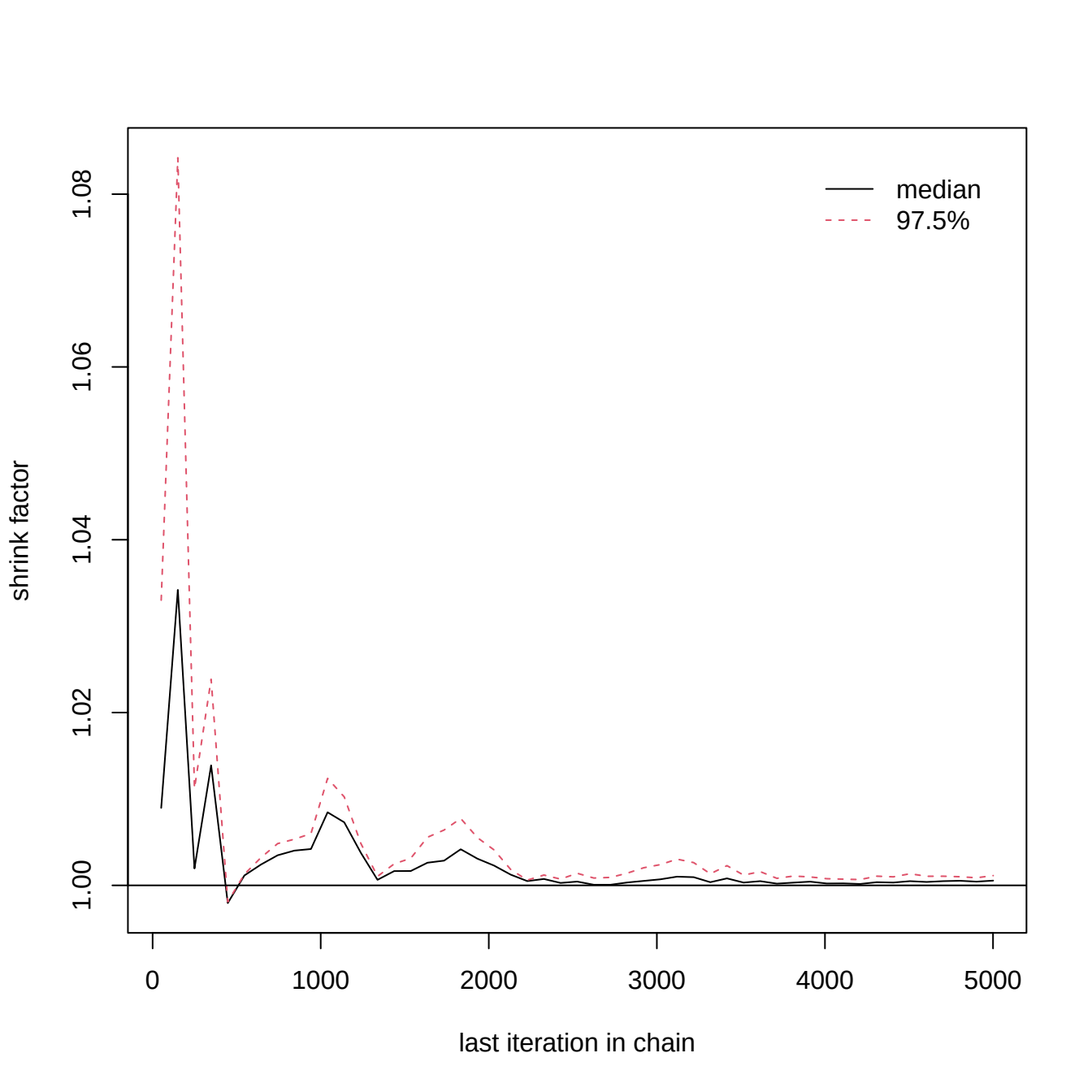

X_10 chain 6
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
25
30
Lag

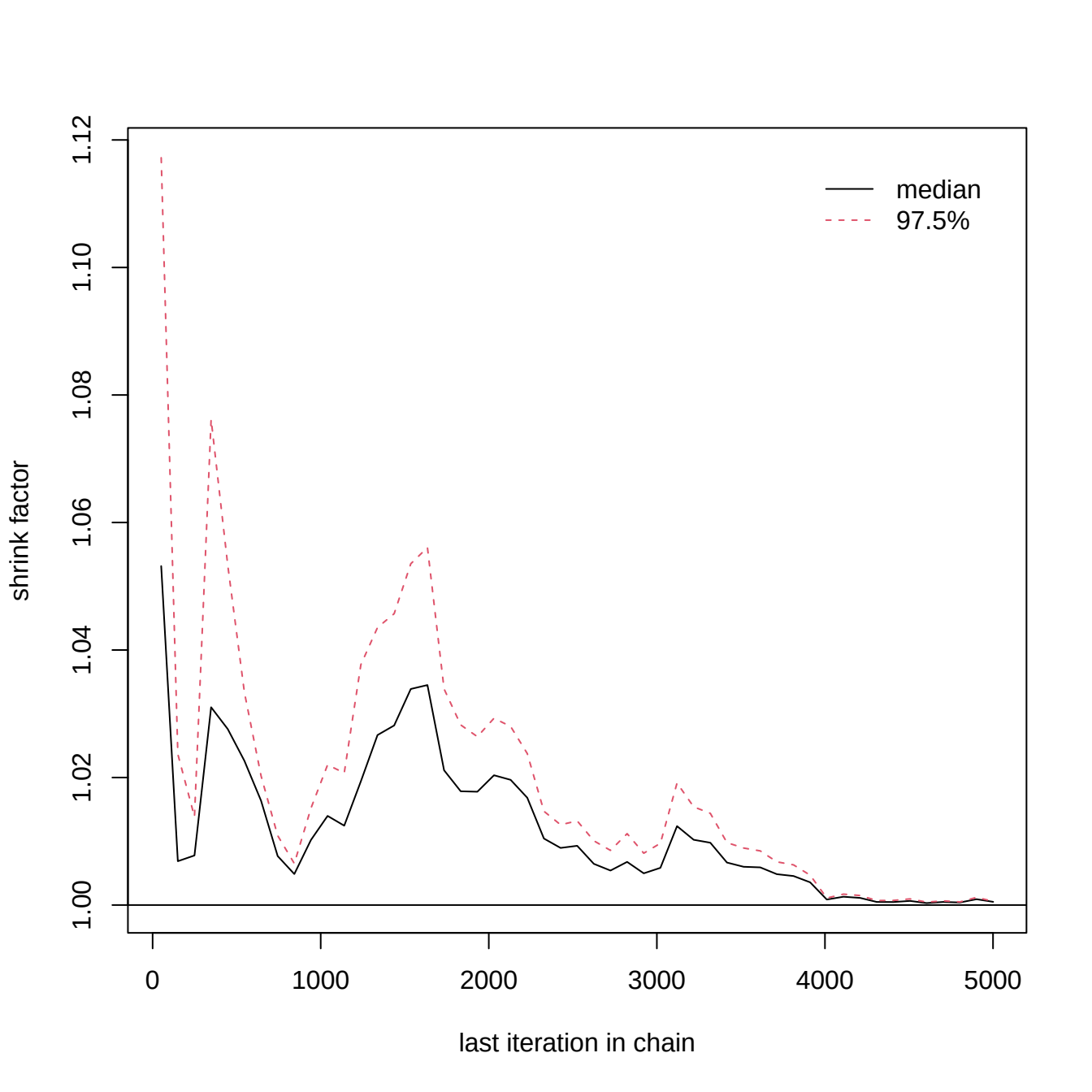

median
97.5%
shrink factor
1.00
1.05
1.10
1.15
1.20
1.25
1.30
0
1000
2000
3000
4000
5000
last iteration in chain

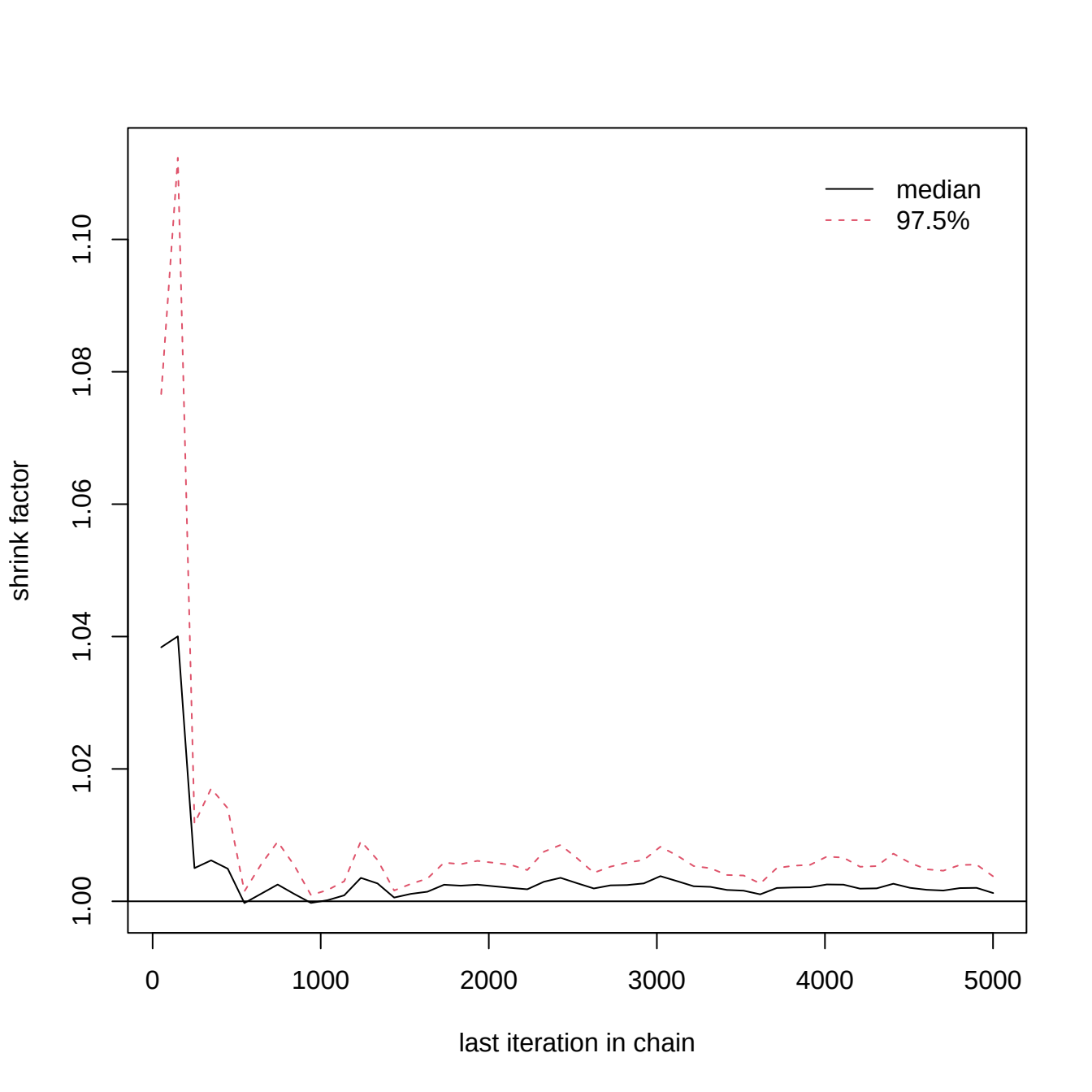

median
97.5%
shrink factor
1.00
1.02
1.04
1.06
1.08
0
1000
2000
3000
4000
5000
last iteration in chain

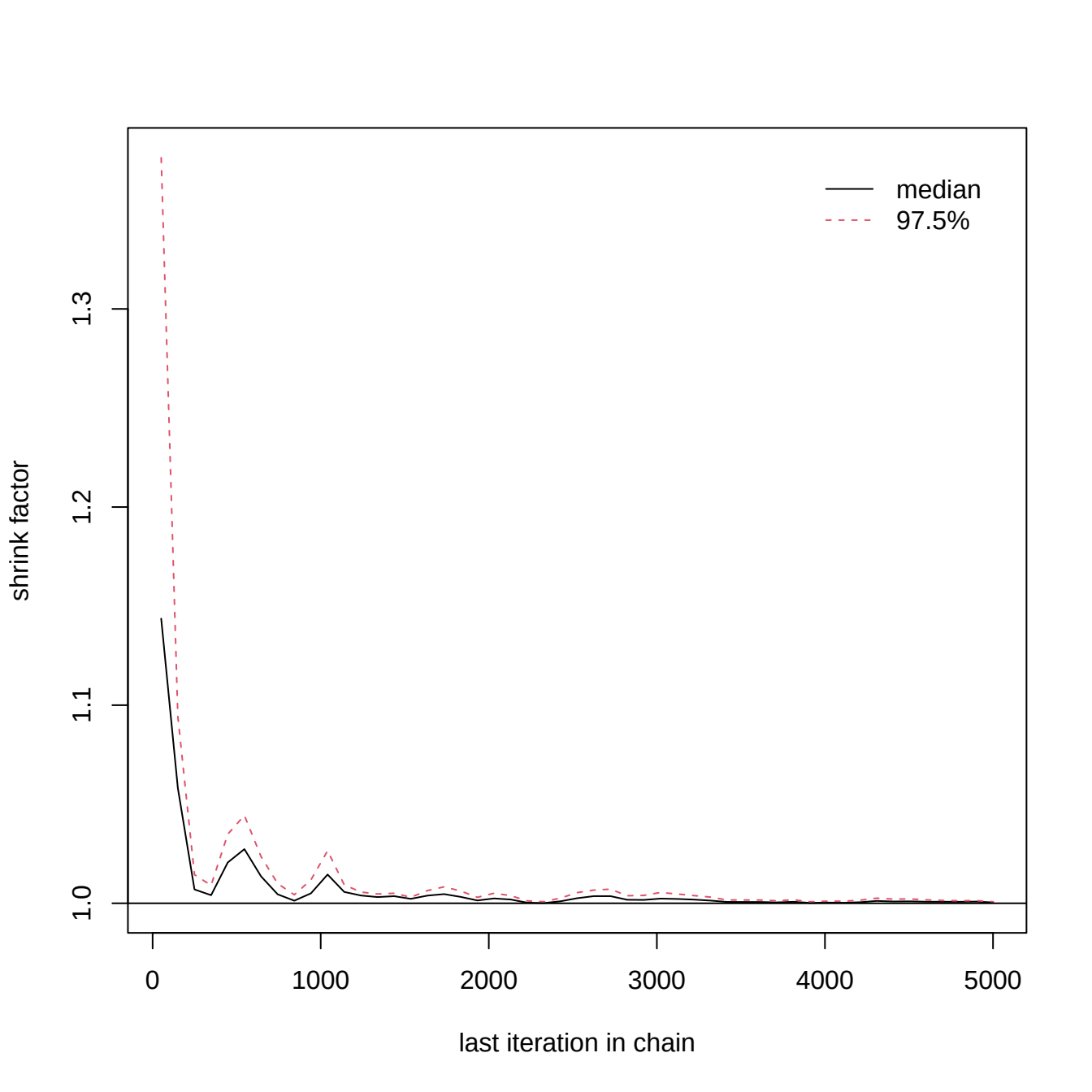

median
97.5%
shrink factor
1.0
1.1
1.2
1.3
1.4
0
1000
2000
3000
4000
5000
last iteration in chain

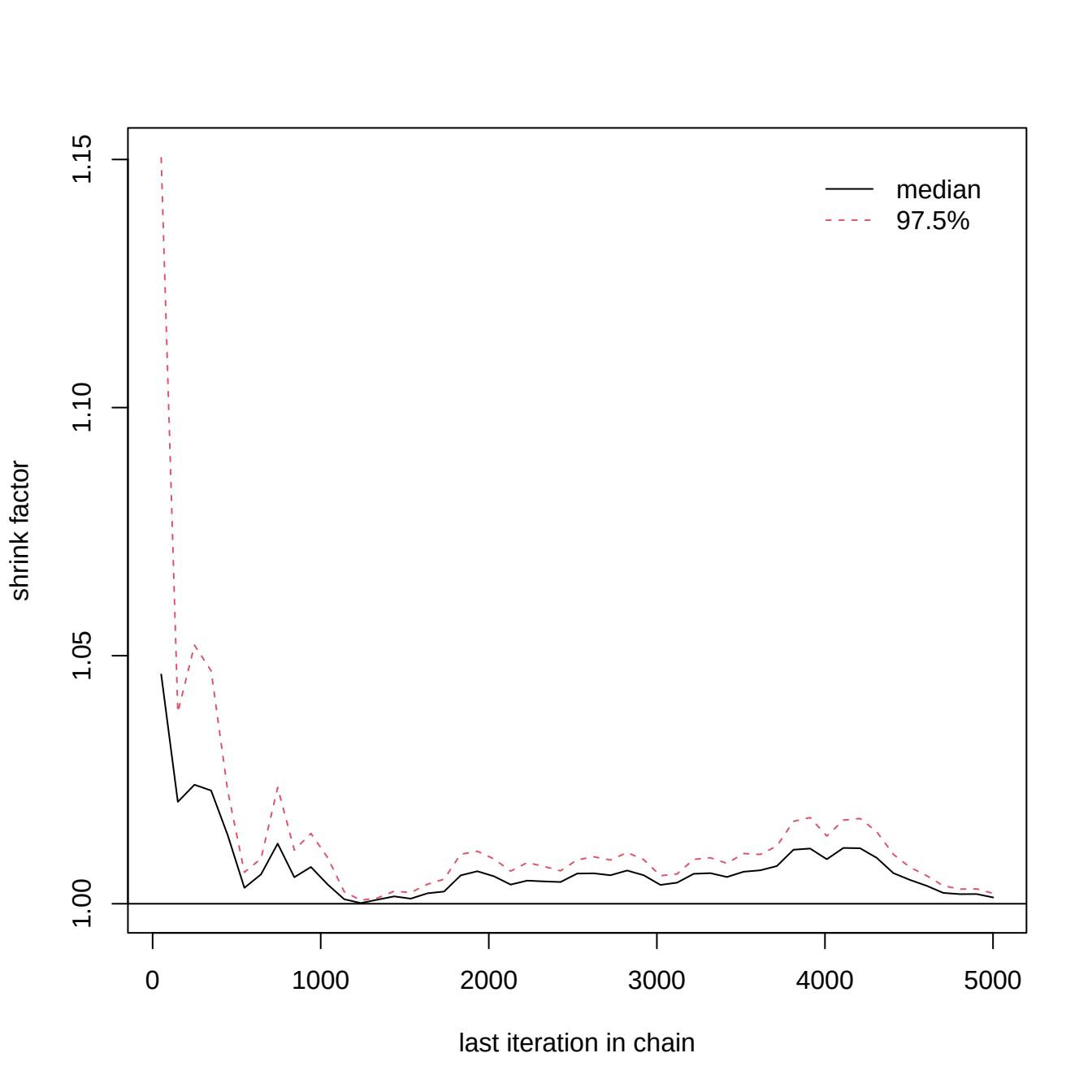

median
97.5%
shrink factor
1.00
1.05
1.10
1.15
0
1000
2000
3000
4000
5000
last iteration in chain

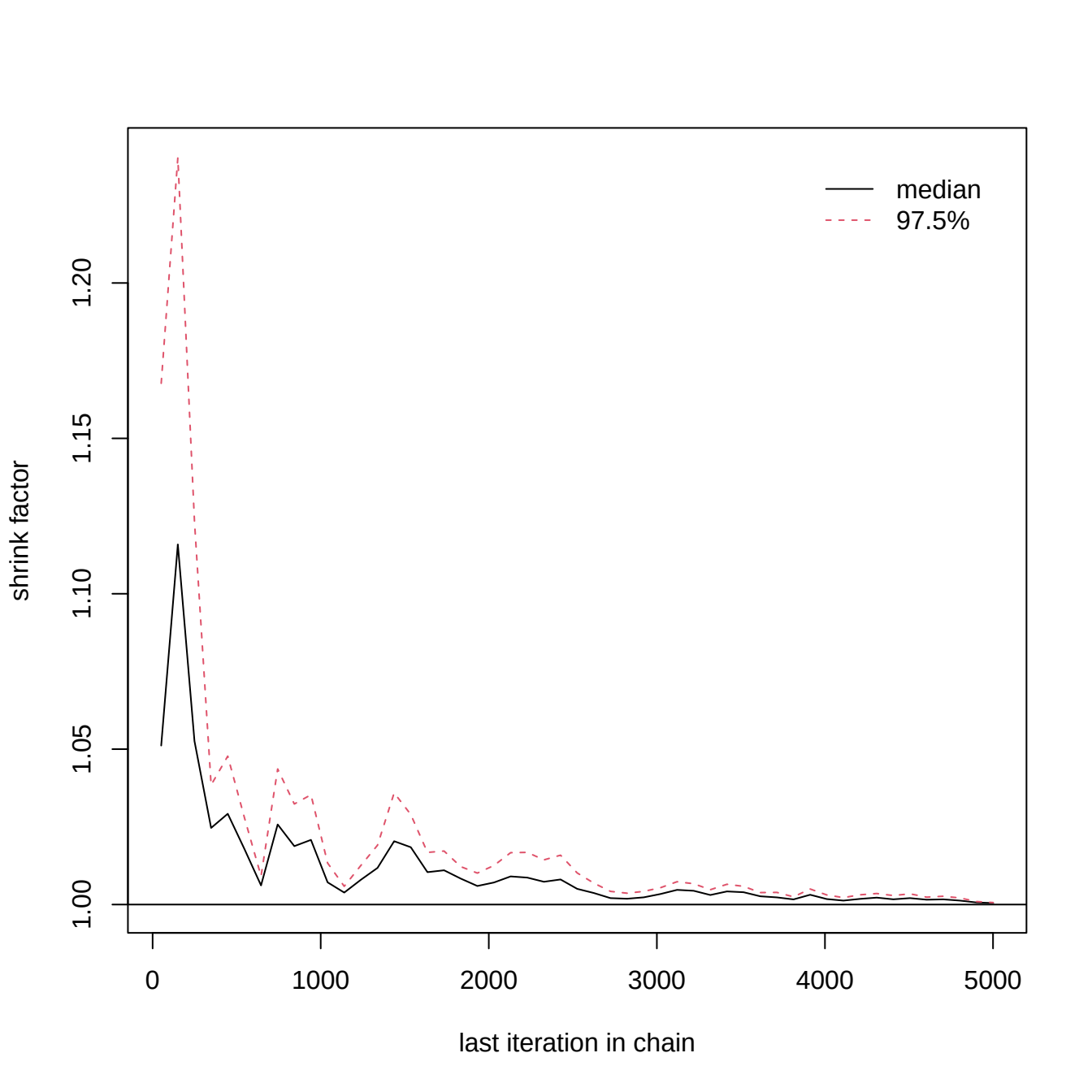

median
97.5%
shrink factor
1.00
1.02
1.04
1.06
1.08
0
1000
2000
3000
4000
5000
last iteration in chain


median
97.5%
shrink factor
1.00
1.02
1.04
1.06
1.08
1.10
1.12
0
1000
2000
3000
4000
5000
last iteration in chain


median
97.5%
shrink factor
1.00
1.02
1.04
1.06
1.08
1.10
0
1000
2000
3000
4000
5000
last iteration in chain


median
97.5%
shrink factor
1.0
1.1
1.2
1.3
0
1000
2000
3000
4000
5000
last iteration in chain


median
97.5%
shrink factor
1.00
1.05
1.10
1.15
0
1000
2000
3000
4000
5000
last iteration in chain


median
97.5%
shrink factor
1.00
1.05
1.10
1.15
1.20
0
1000
2000
3000
4000
5000
last iteration in chain