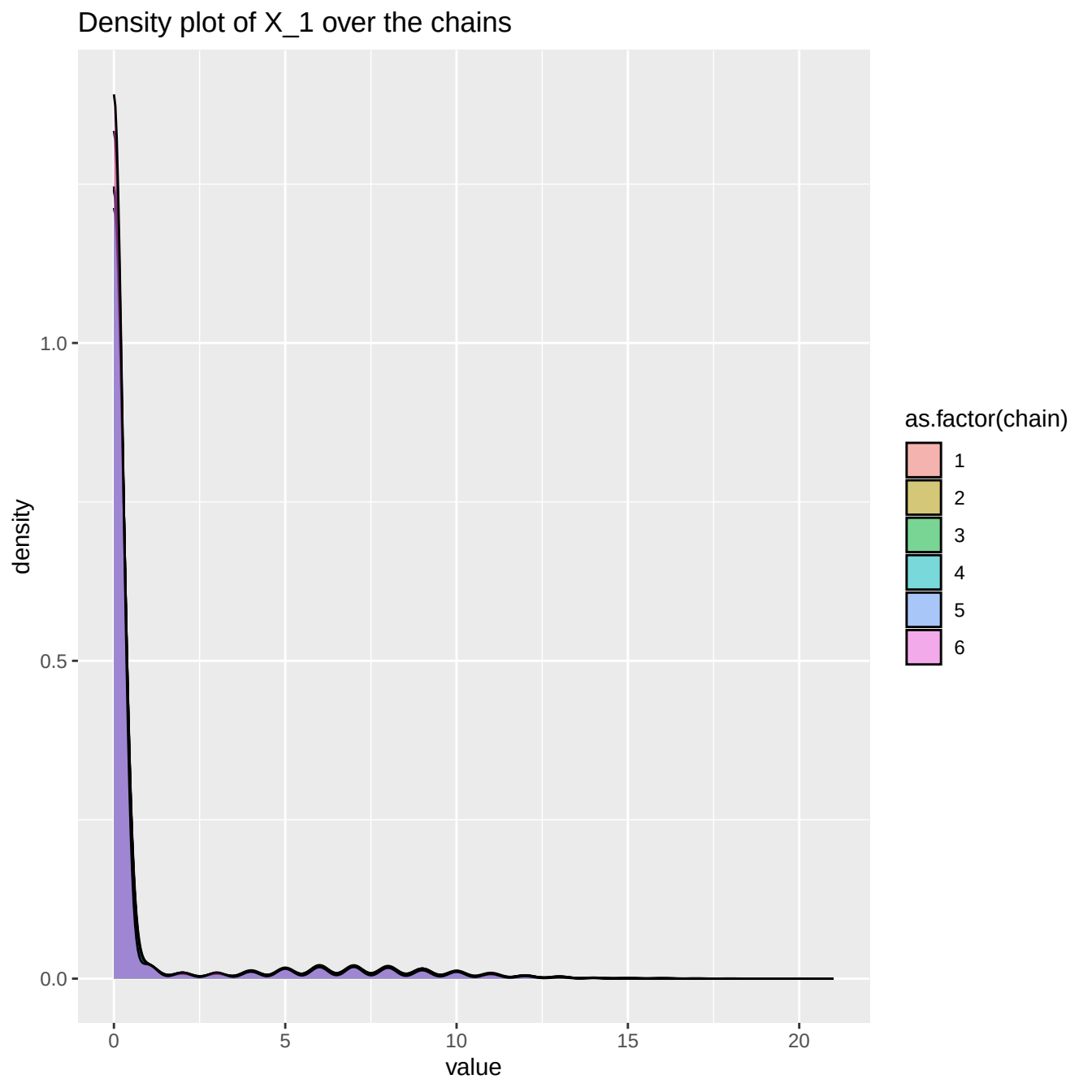
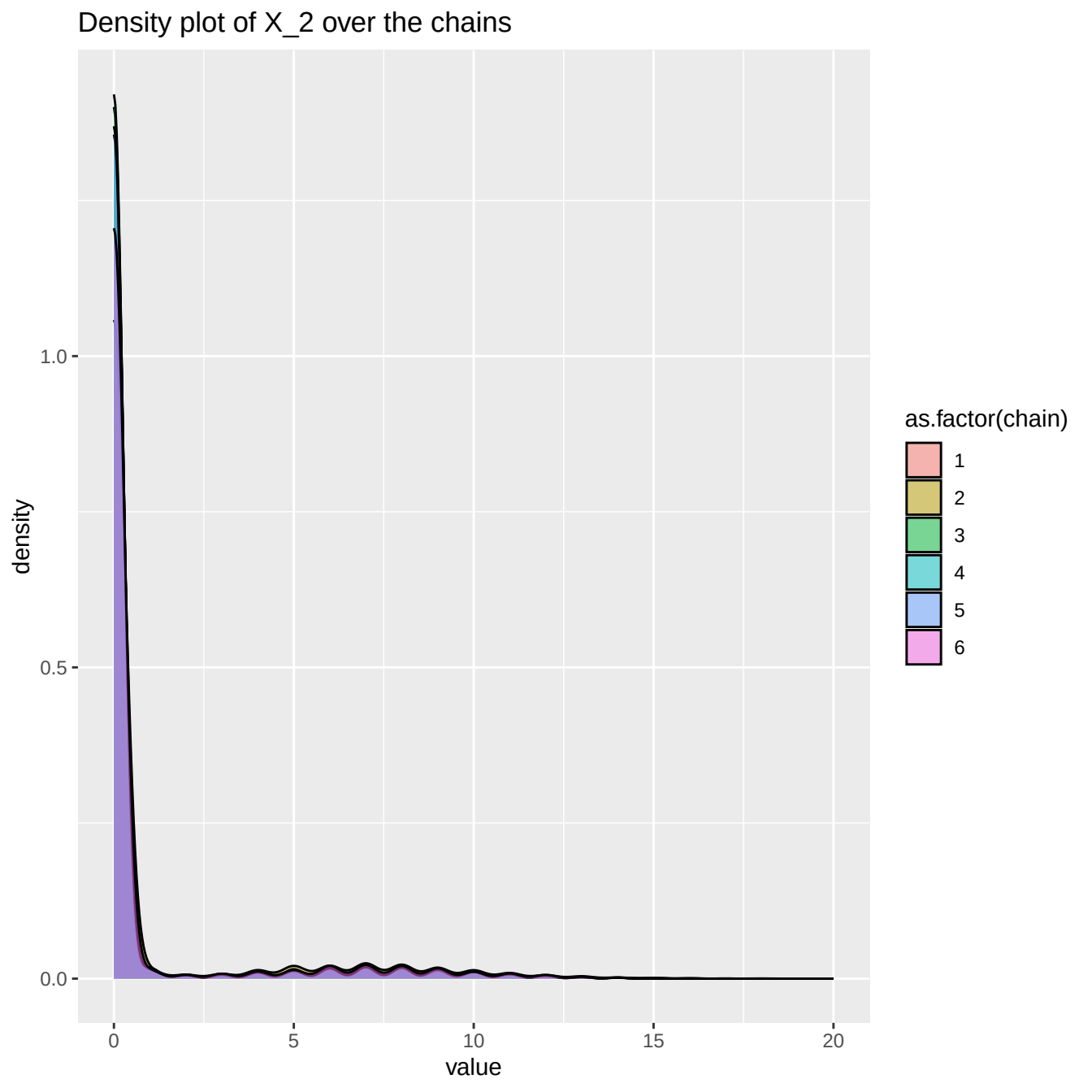
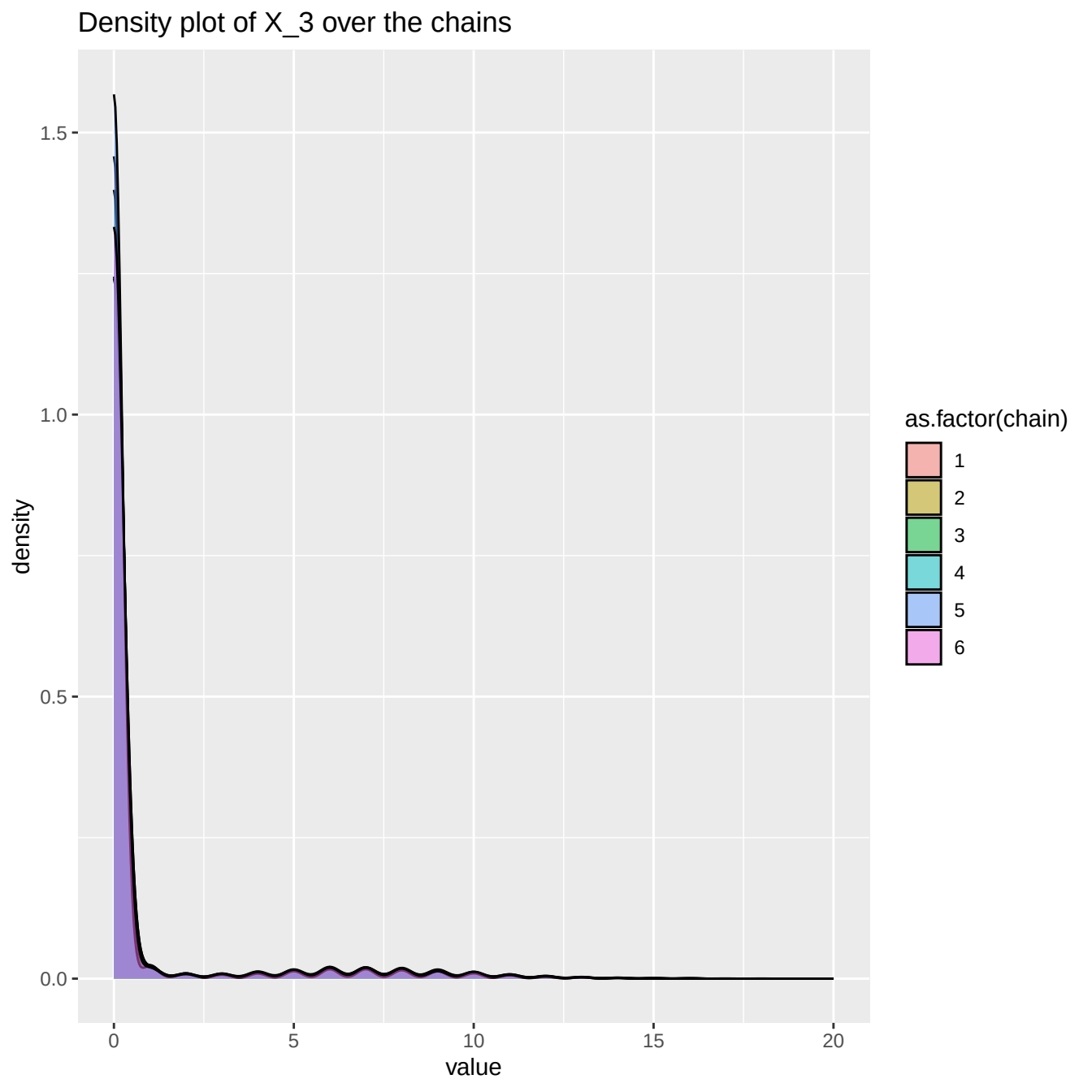
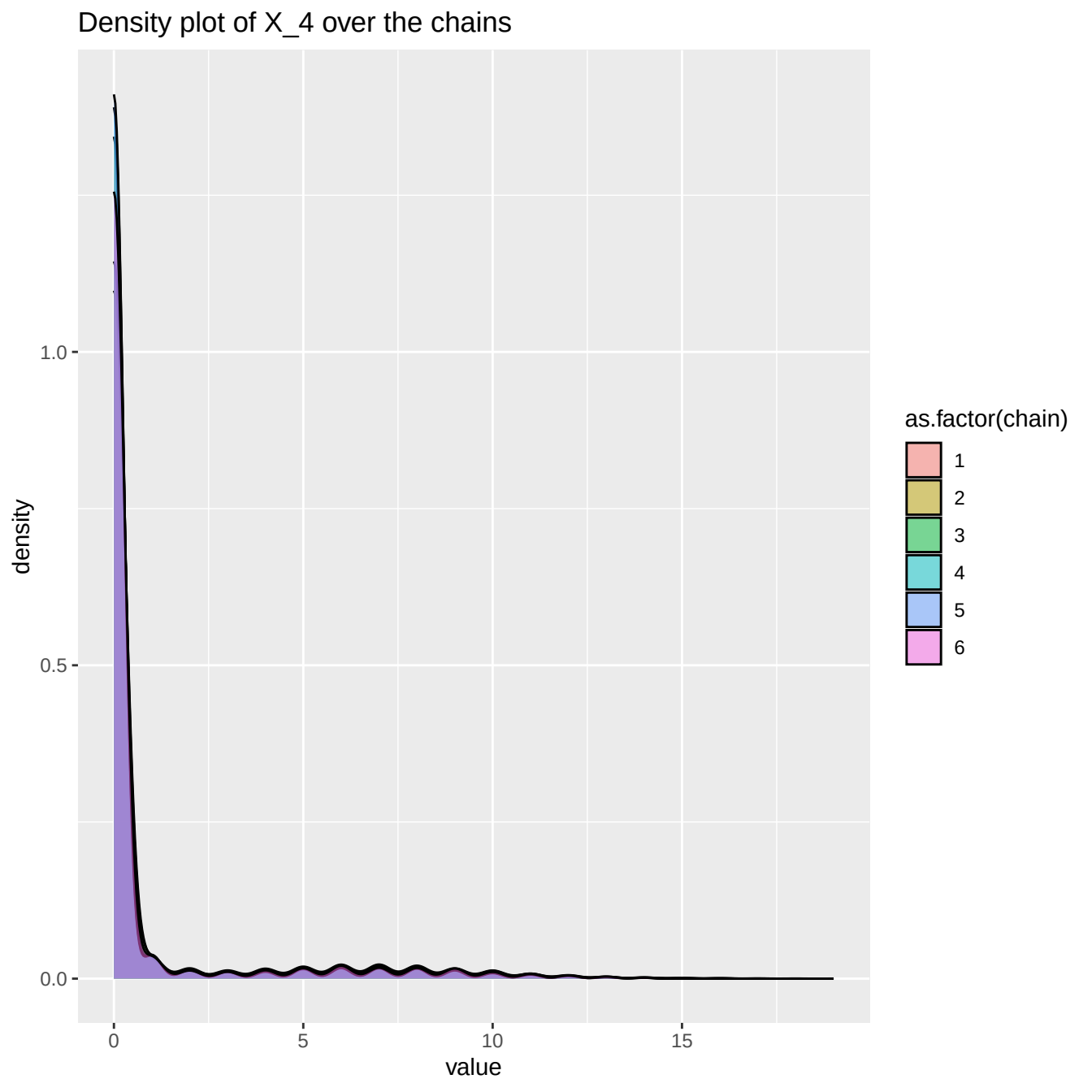
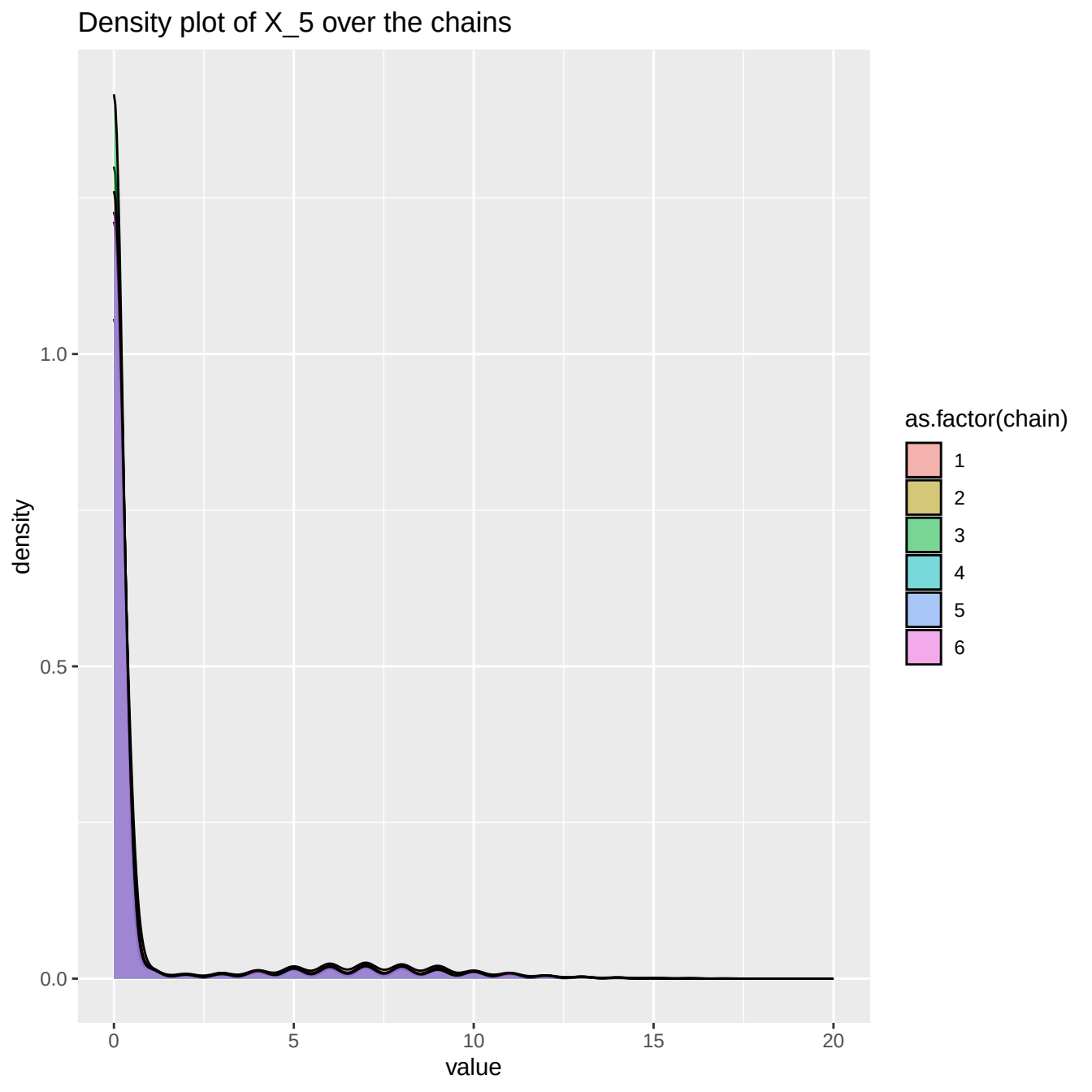
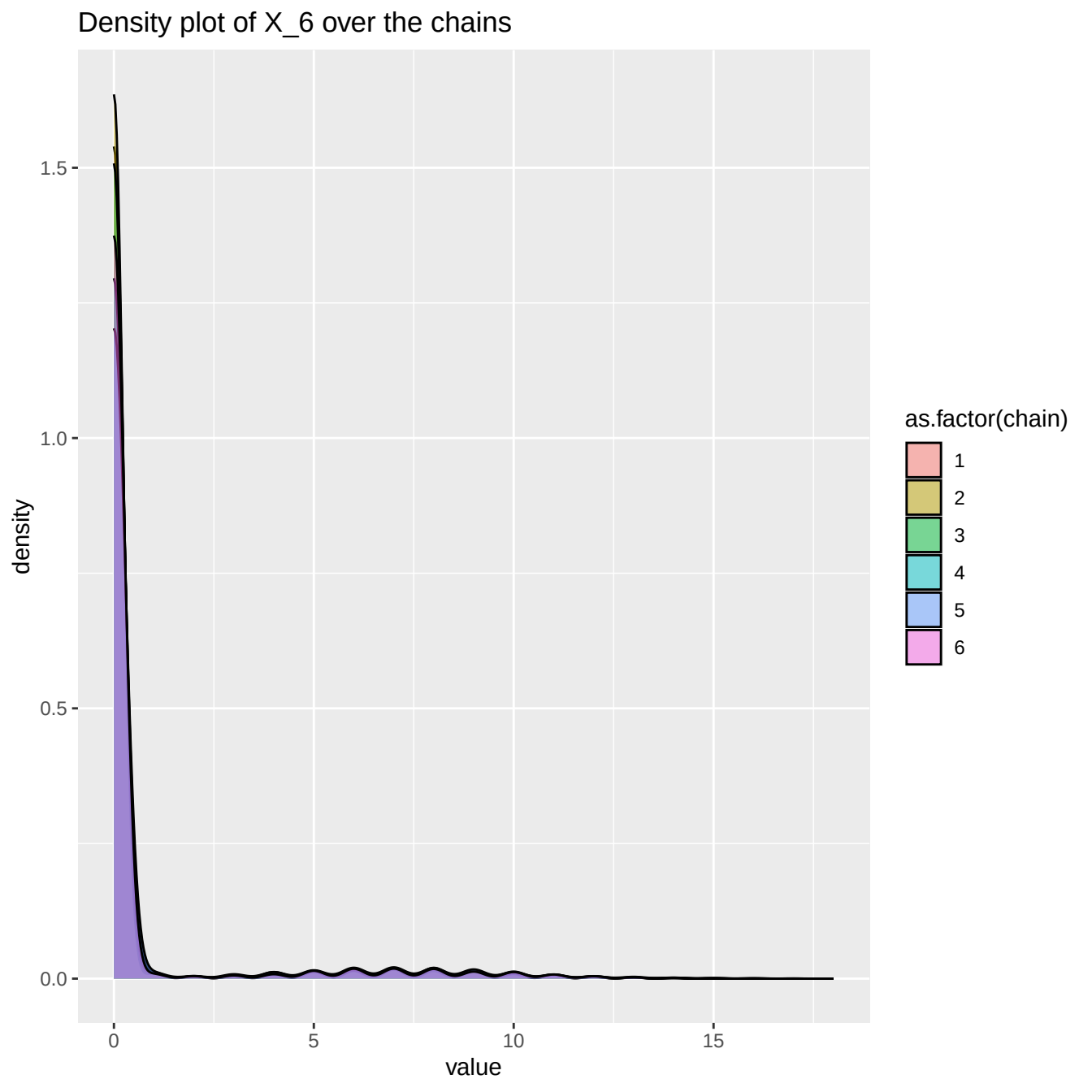

Density plot of X_1 over the chains
density
1.0
0.5
0.0
0
5
10
15
20
value
as.factor(chain)
1
2
3
4
5
6

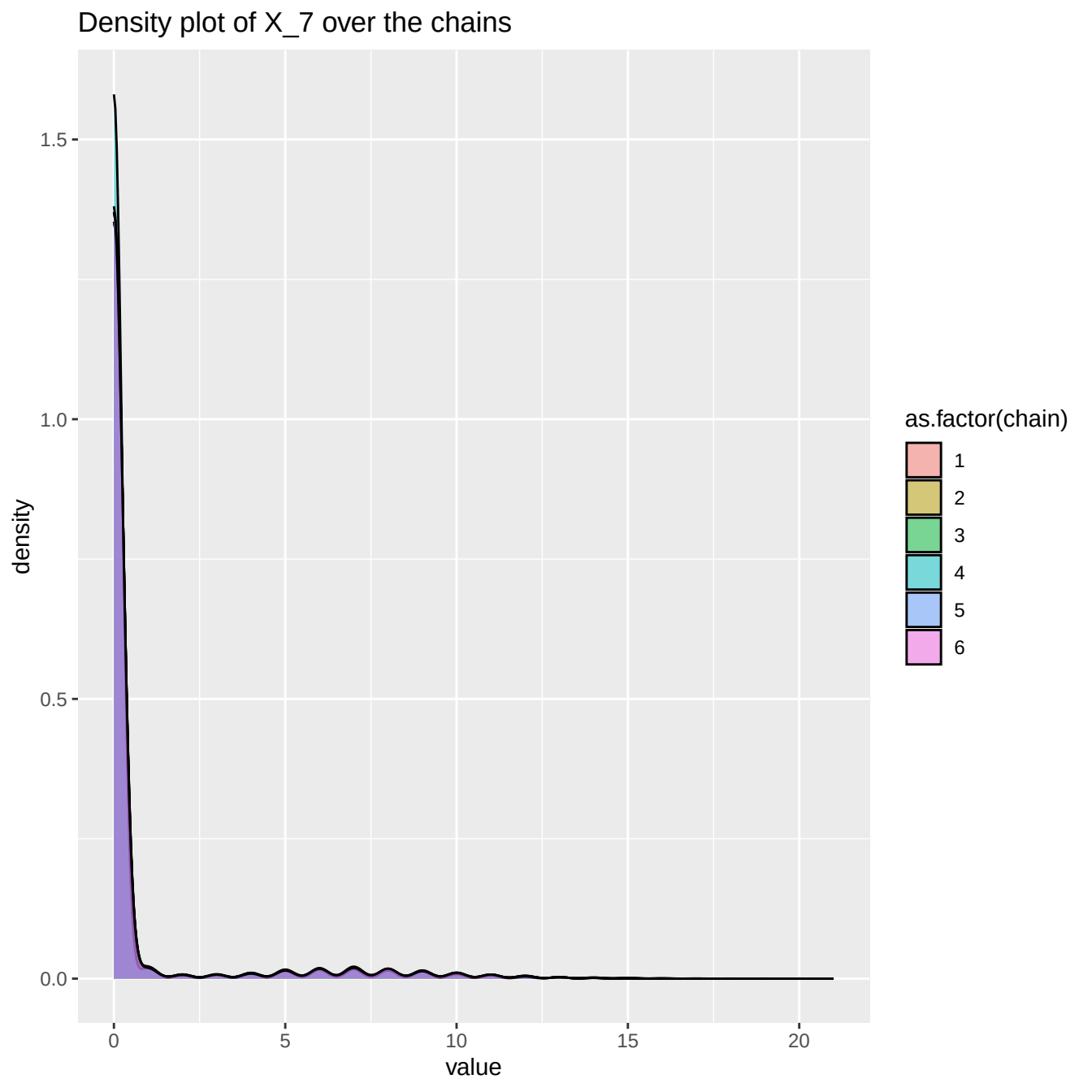

Density plot of X_2 over the chains
density
1.0
0.5
0.0
0
5
10
15
20
value
as.factor(chain)
1
2
3
4
5
6

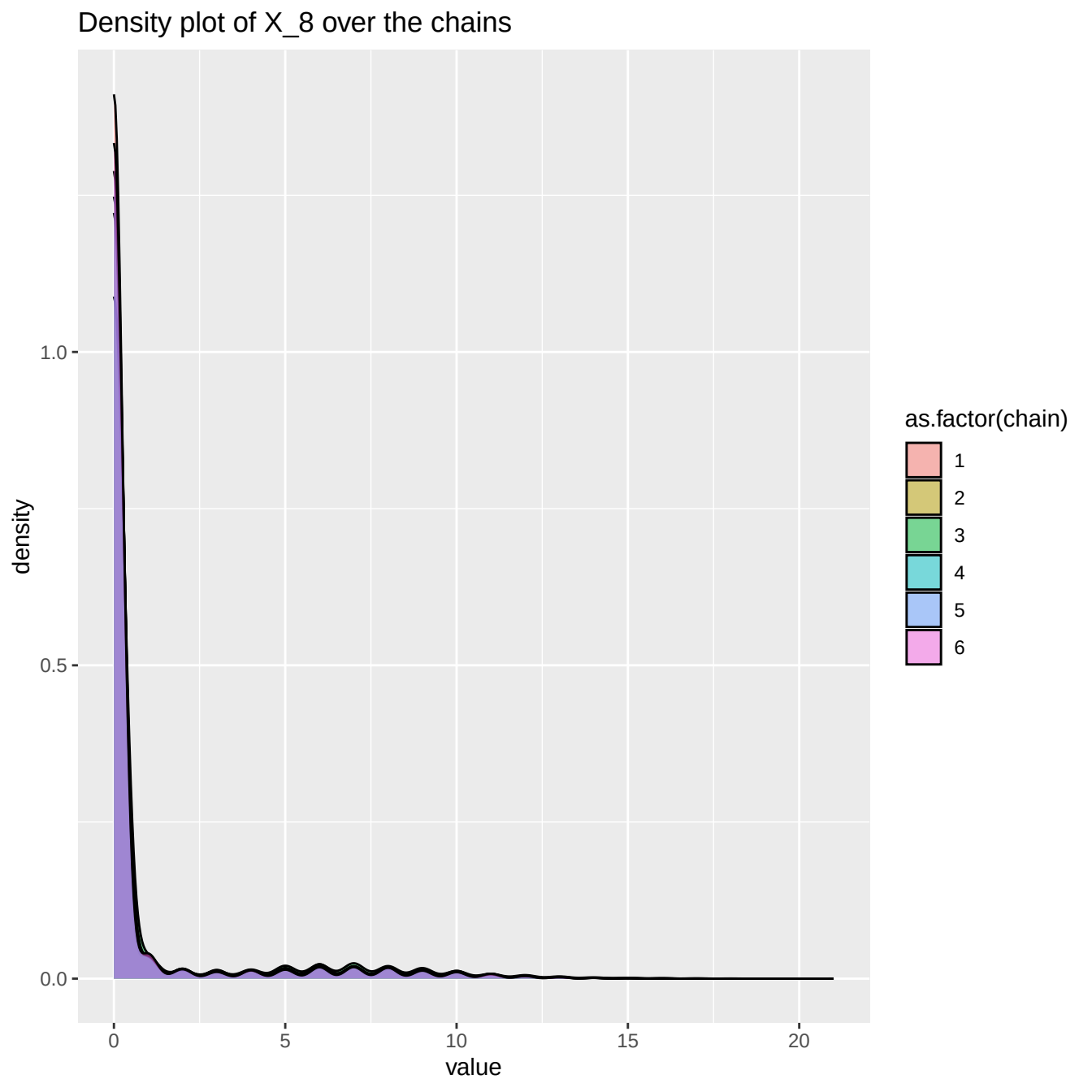

Density plot of X_3 over the chains
density
1.5
1.0
0.5
0.0
0
5
10
15
20
value
as.factor(chain)
1
2
3
4
5
6

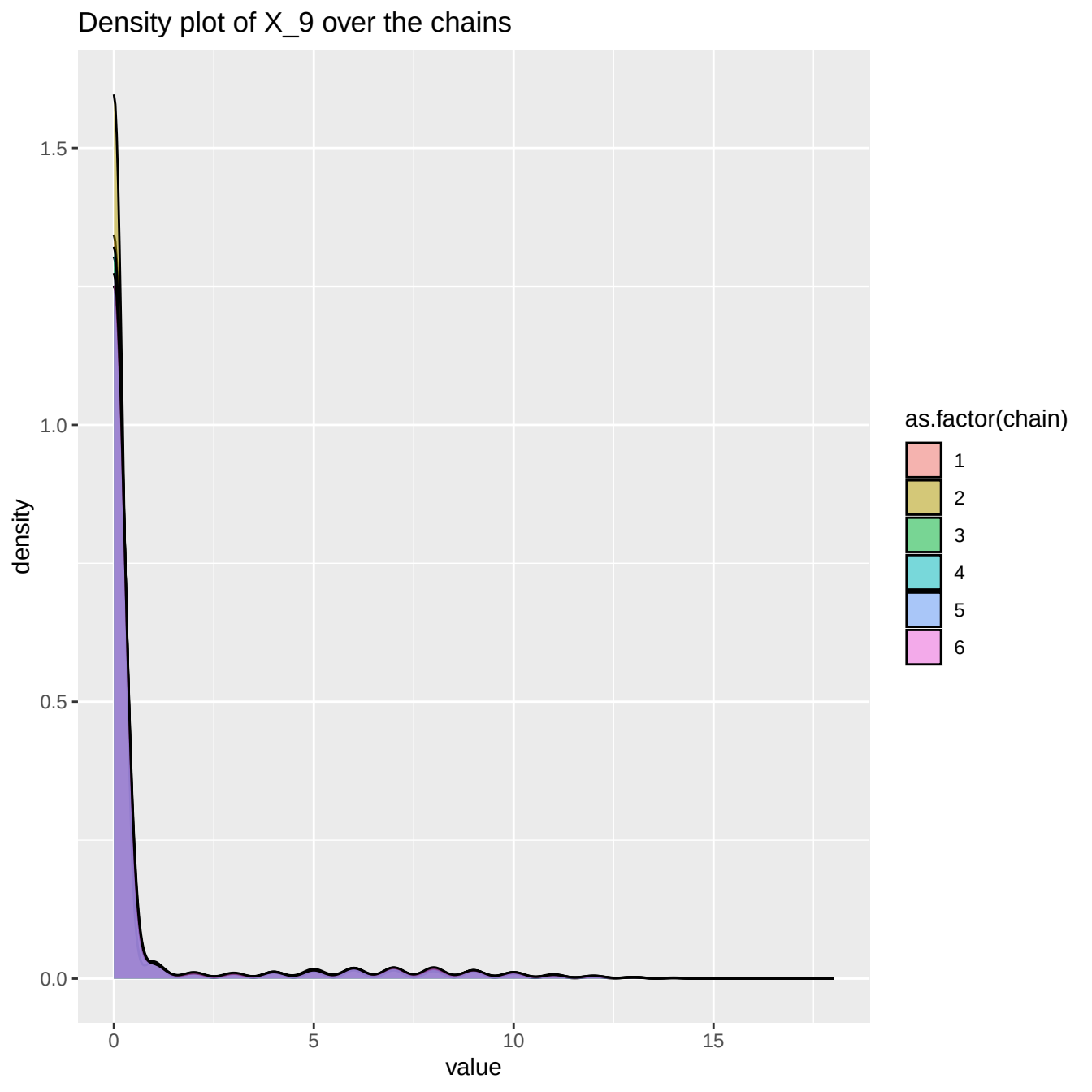

Density plot of X_4 over the chains
density
1.0
0.5
0.0
0
5
10
15
value
as.factor(chain)
1
2
3
4
5
6

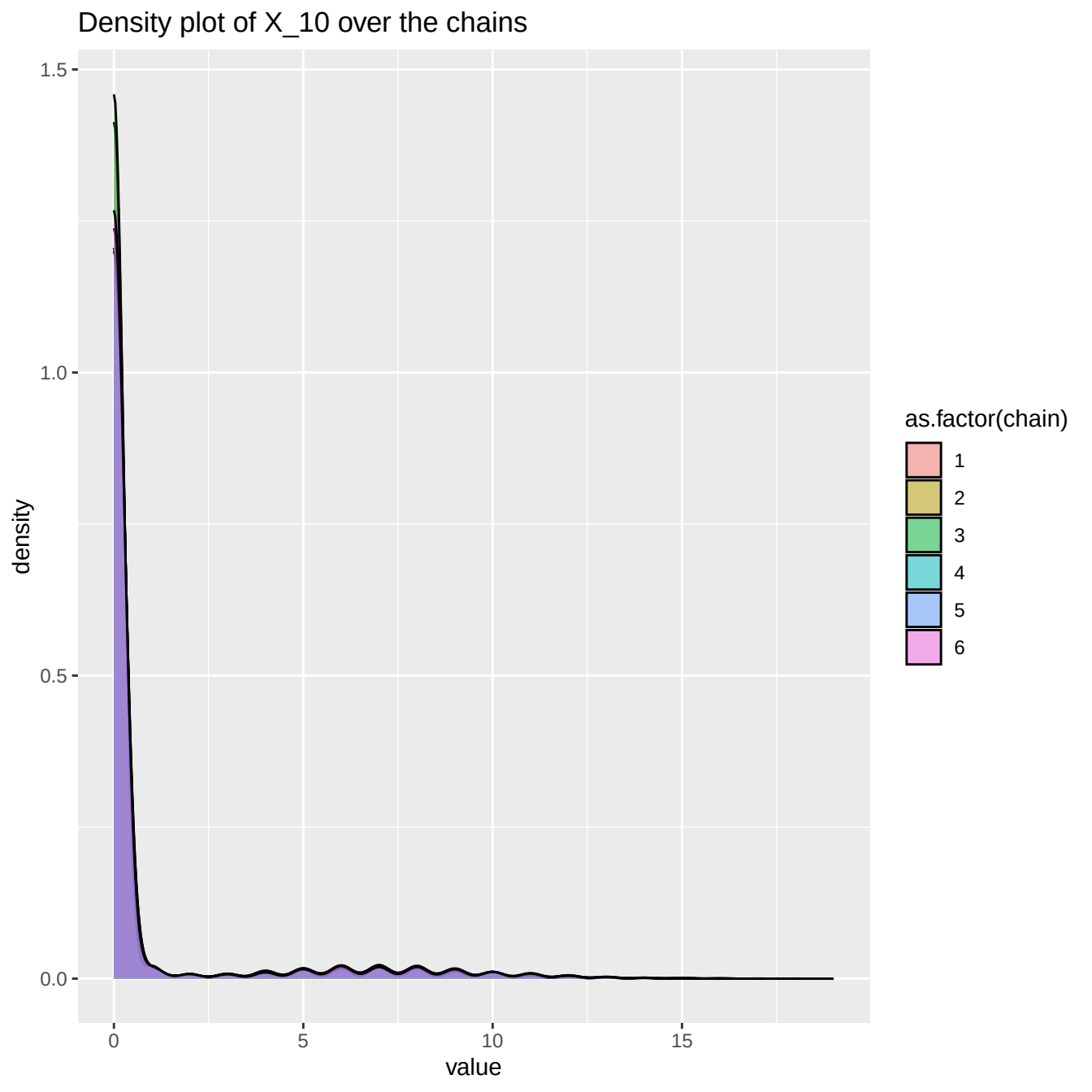

Density plot of X_5 over the chains
density
1.0
0.5
0.0
0
5
10
15
20
value
as.factor(chain)
1
2
3
4
5
6

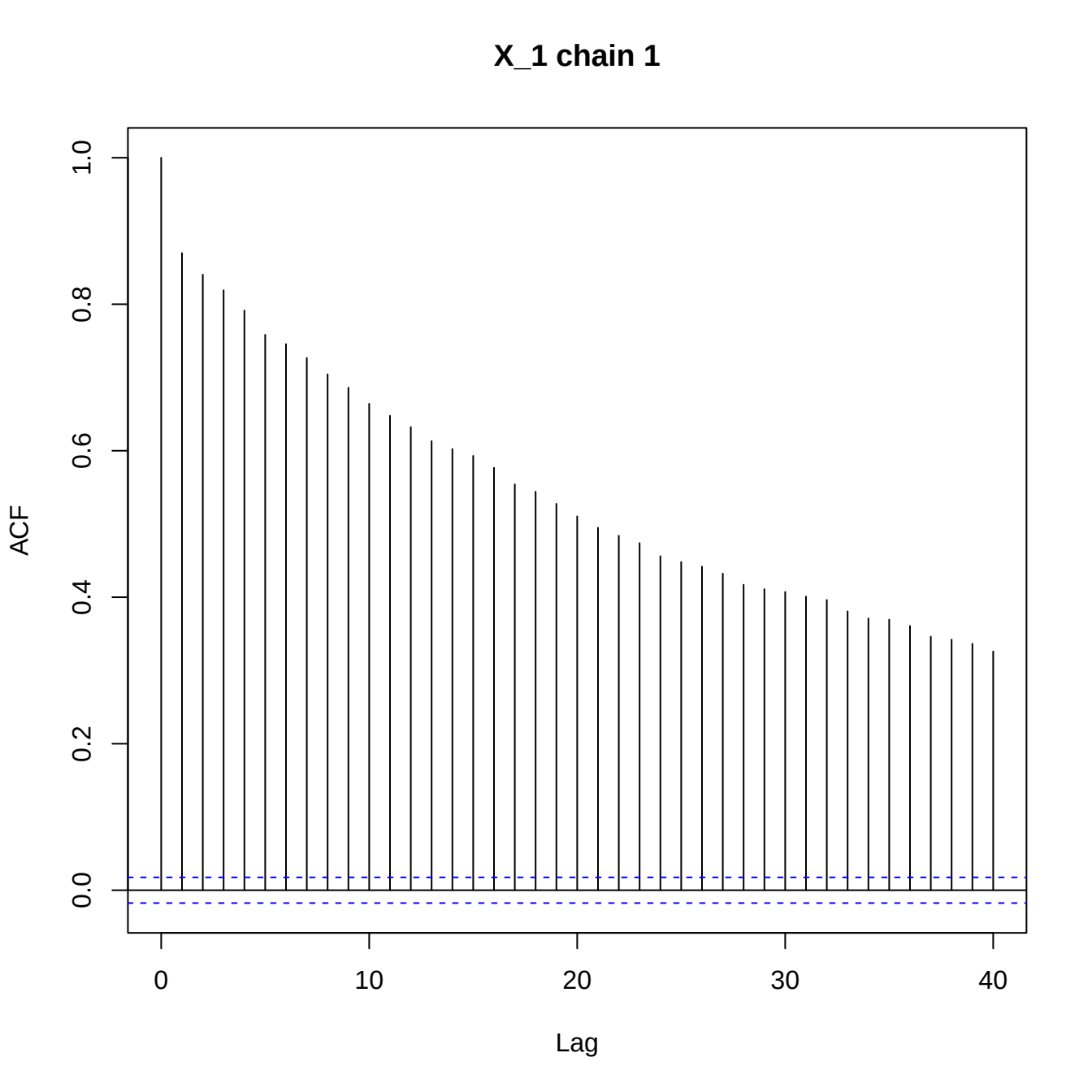

Density plot of X_6 over the chains
density
1.5
1.0
0.5
0.0
0
5
10
15
value
as.factor(chain)
1
2
3
4
5
6

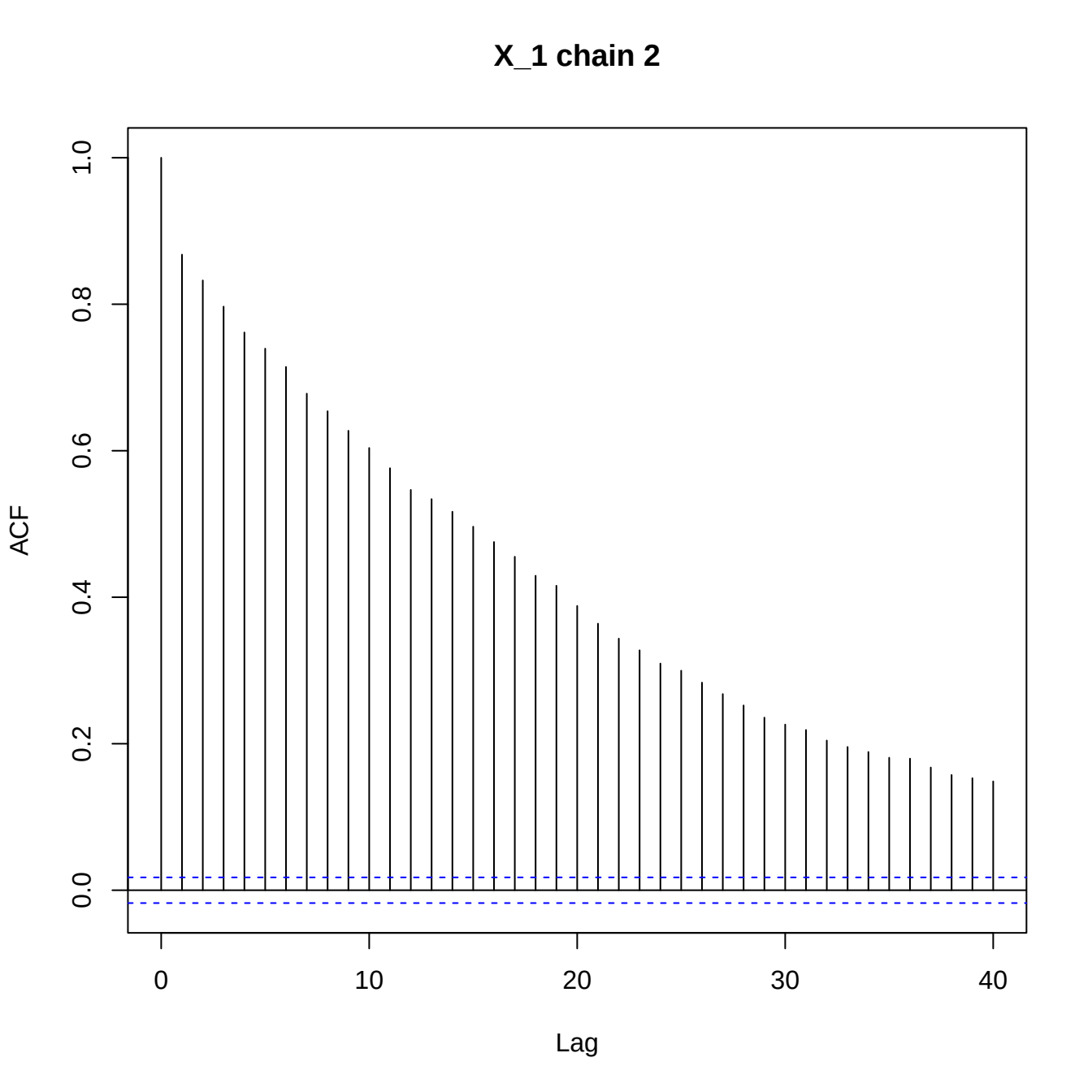

Density plot of X_7 over the chains
density
1.5
1.0
0.5
0.0
0
5
10
15
20
value
as.factor(chain)
1
2
3
4
5
6

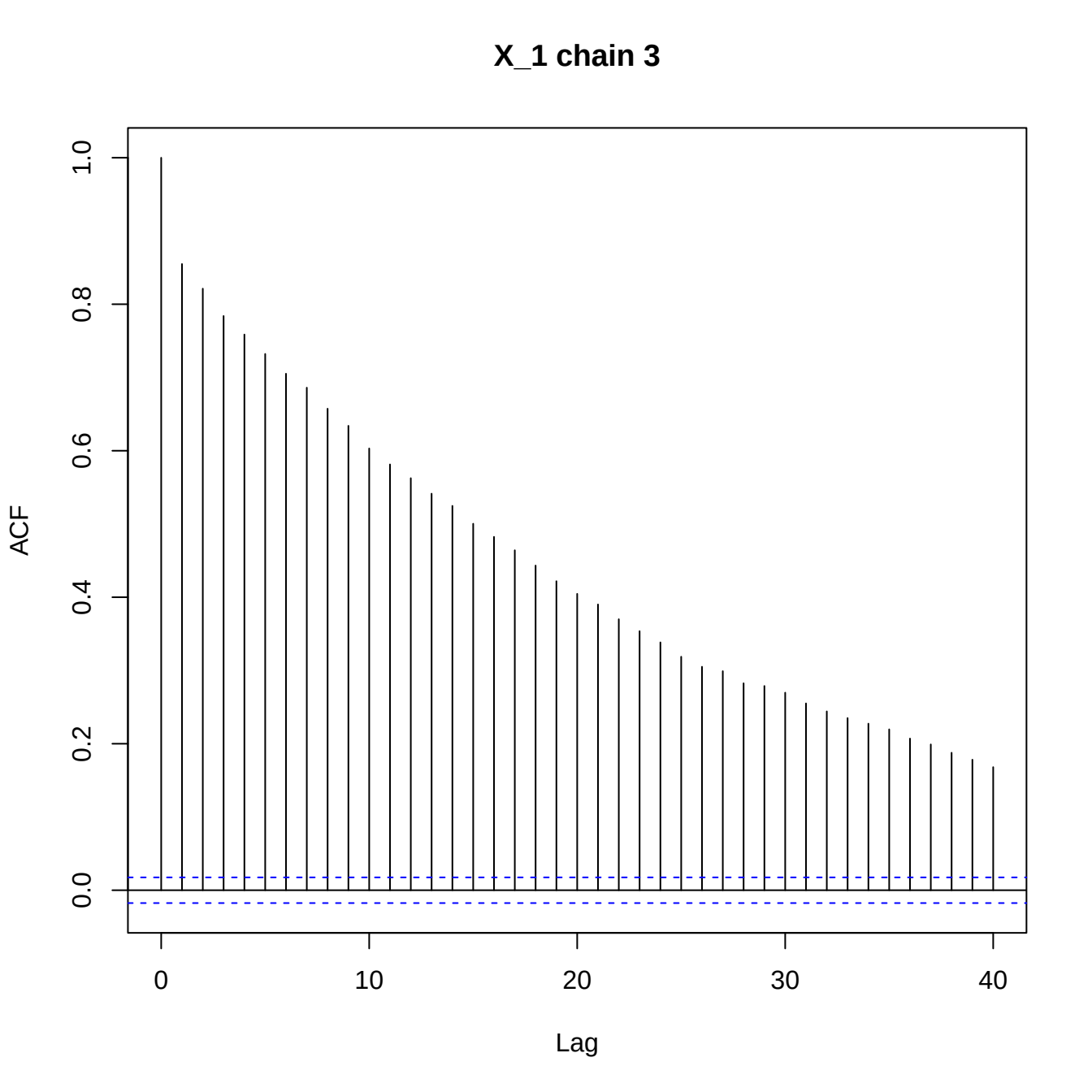

Density plot of X_8 over the chains
density
1.0
0.5
0.0
0
5
10
15
20
value
as.factor(chain)
1
2
3
4
5
6

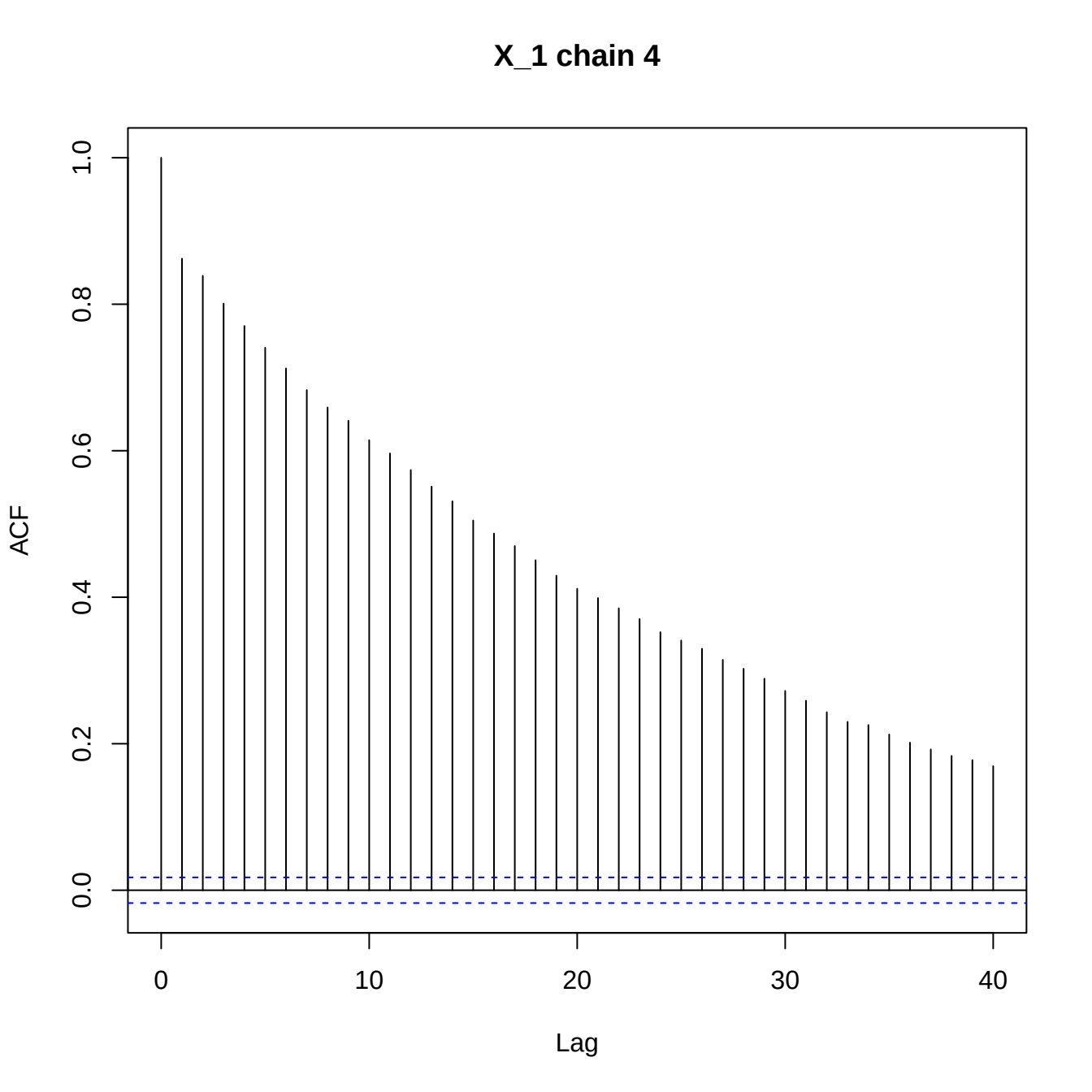

Density plot of X_9 over the chains
density
1.5
1.0
0.5
0.0
0
5
10
15
value
as.factor(chain)
1
2
3
4
5
6

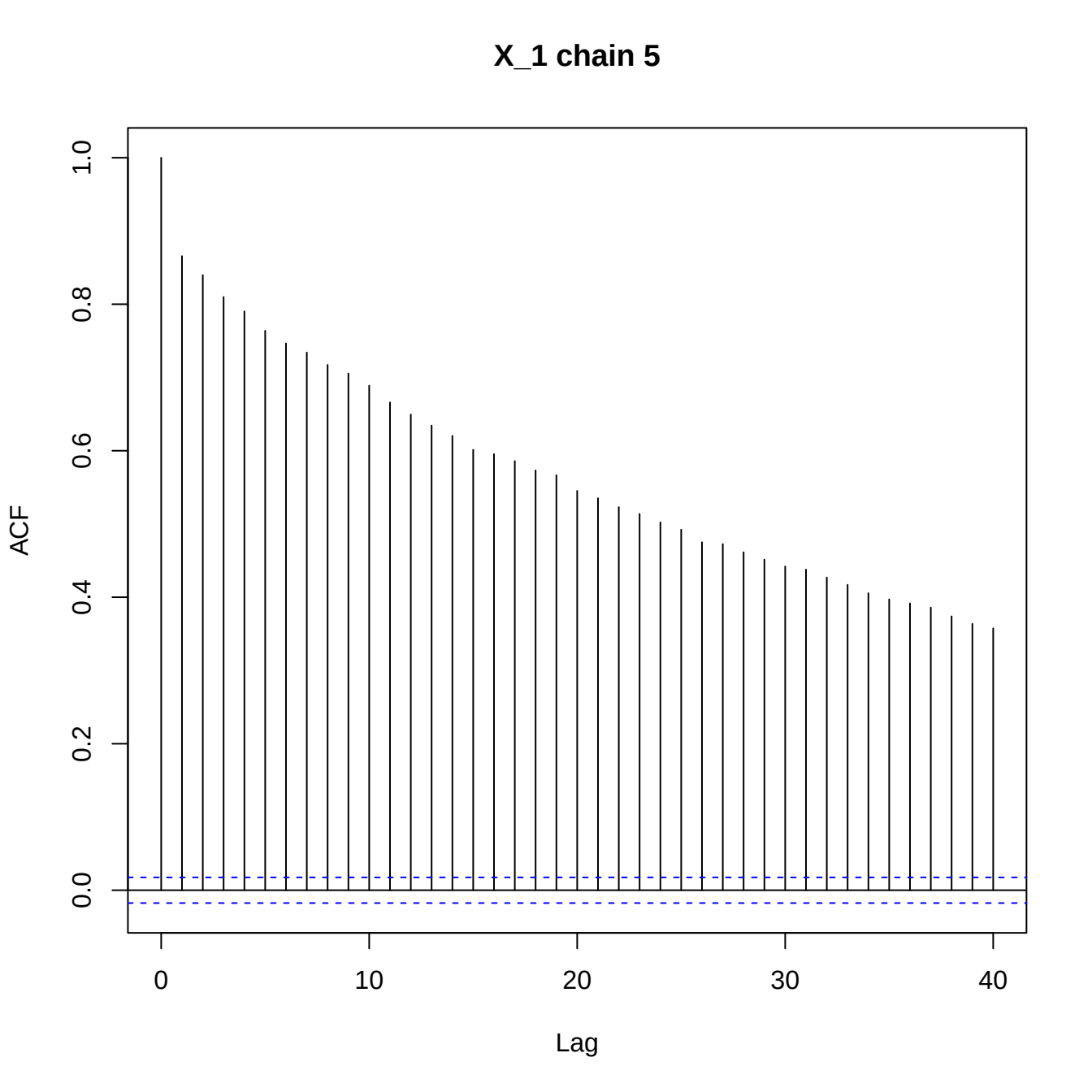

Density plot of X_10 over the chains
1.5
1.0
0.5
0.0
density
0
5
10
15
value
as.factor(chain)
1
2
3
4
5
6

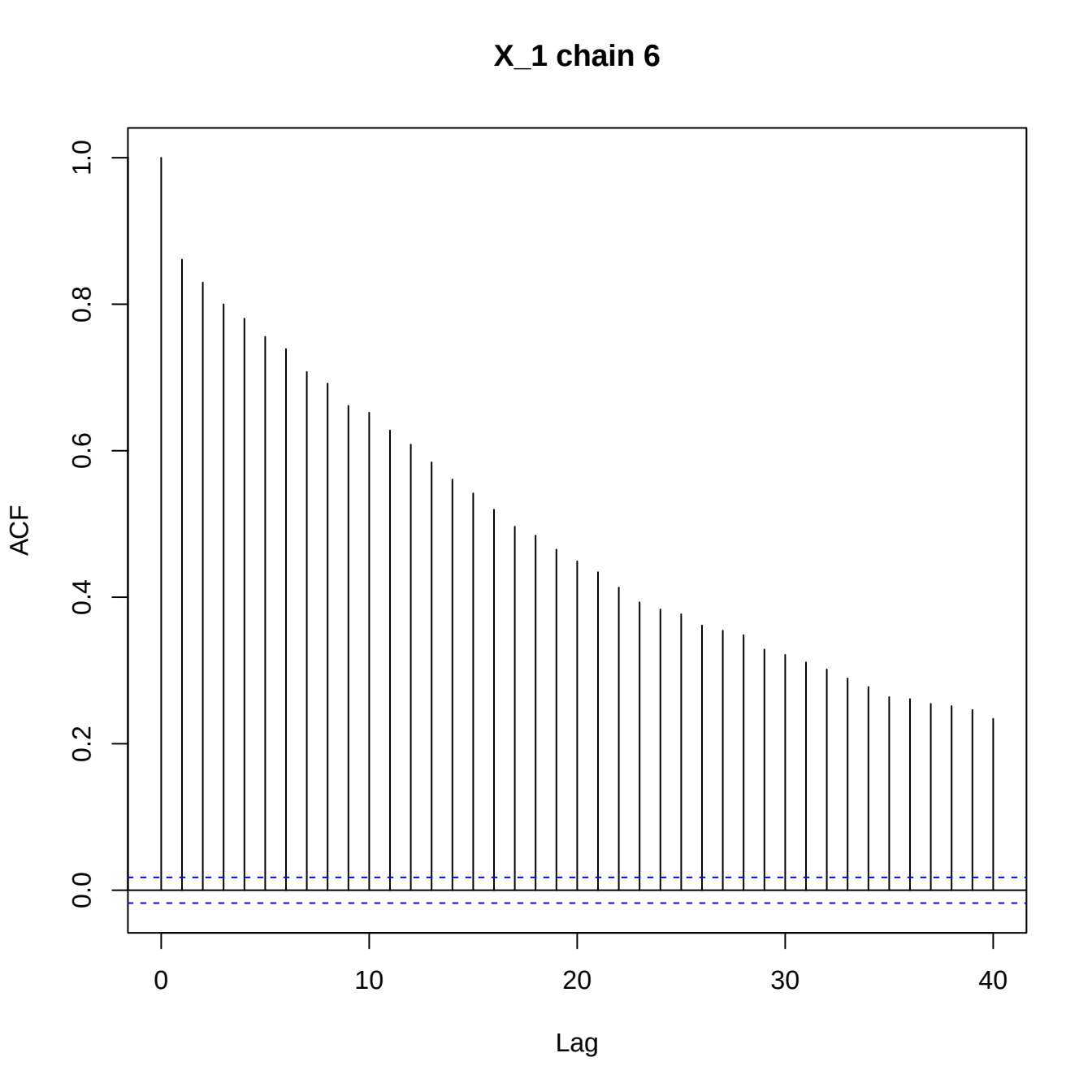

X_1 chain 1
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
10
20
30
40
Lag

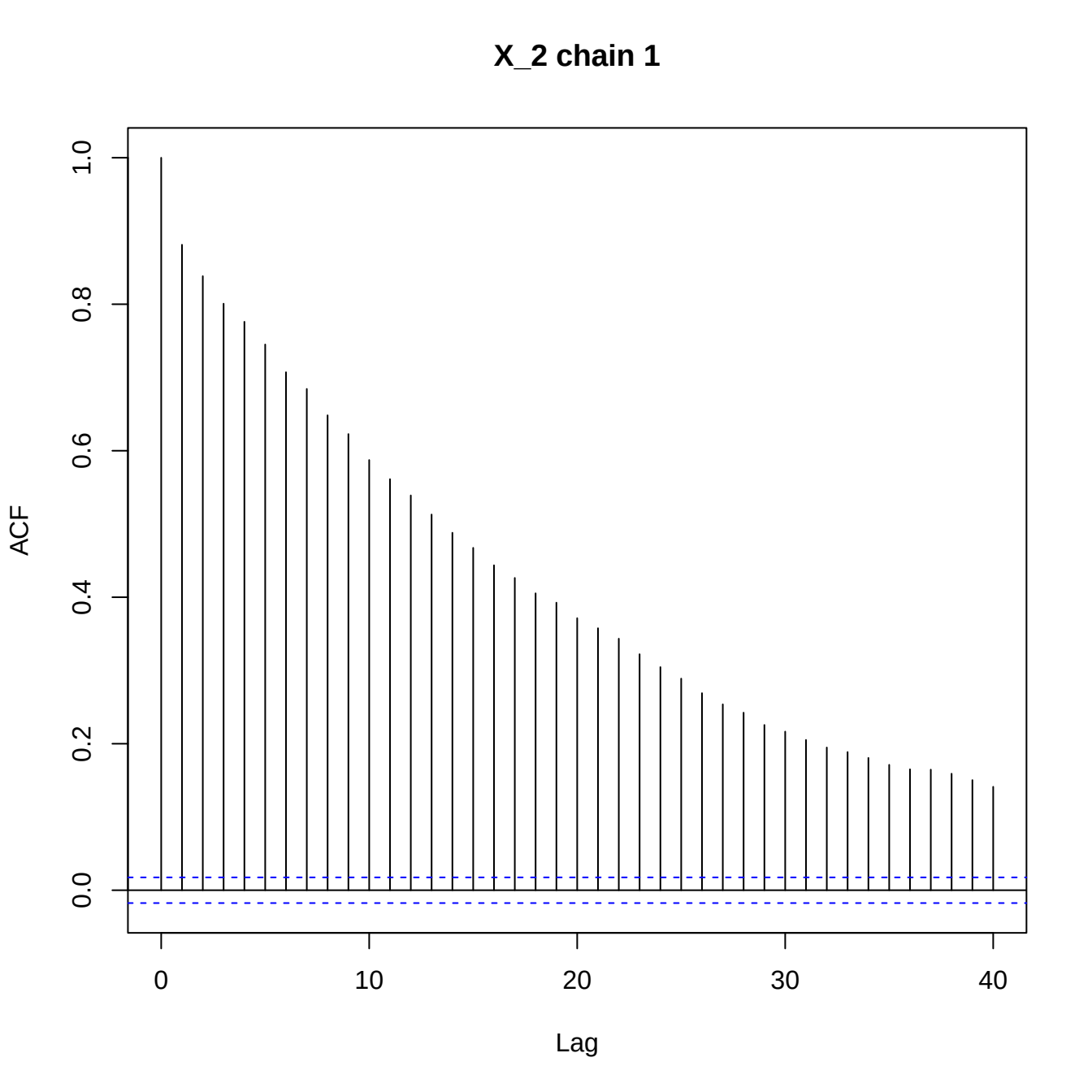

X_1 chain 2
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
10
20
30
40
Lag

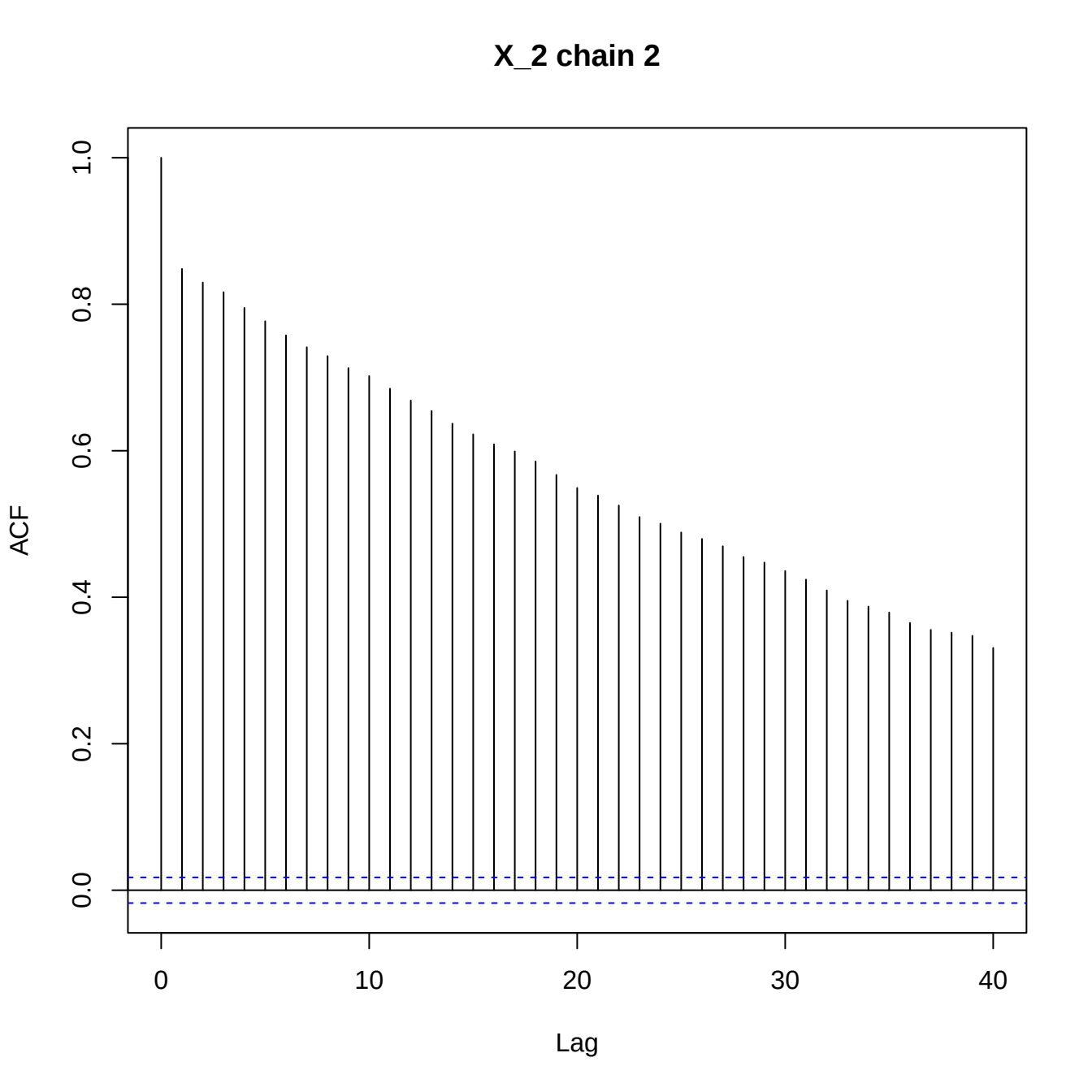

X_1 chain 3
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
10
20
30
40
Lag

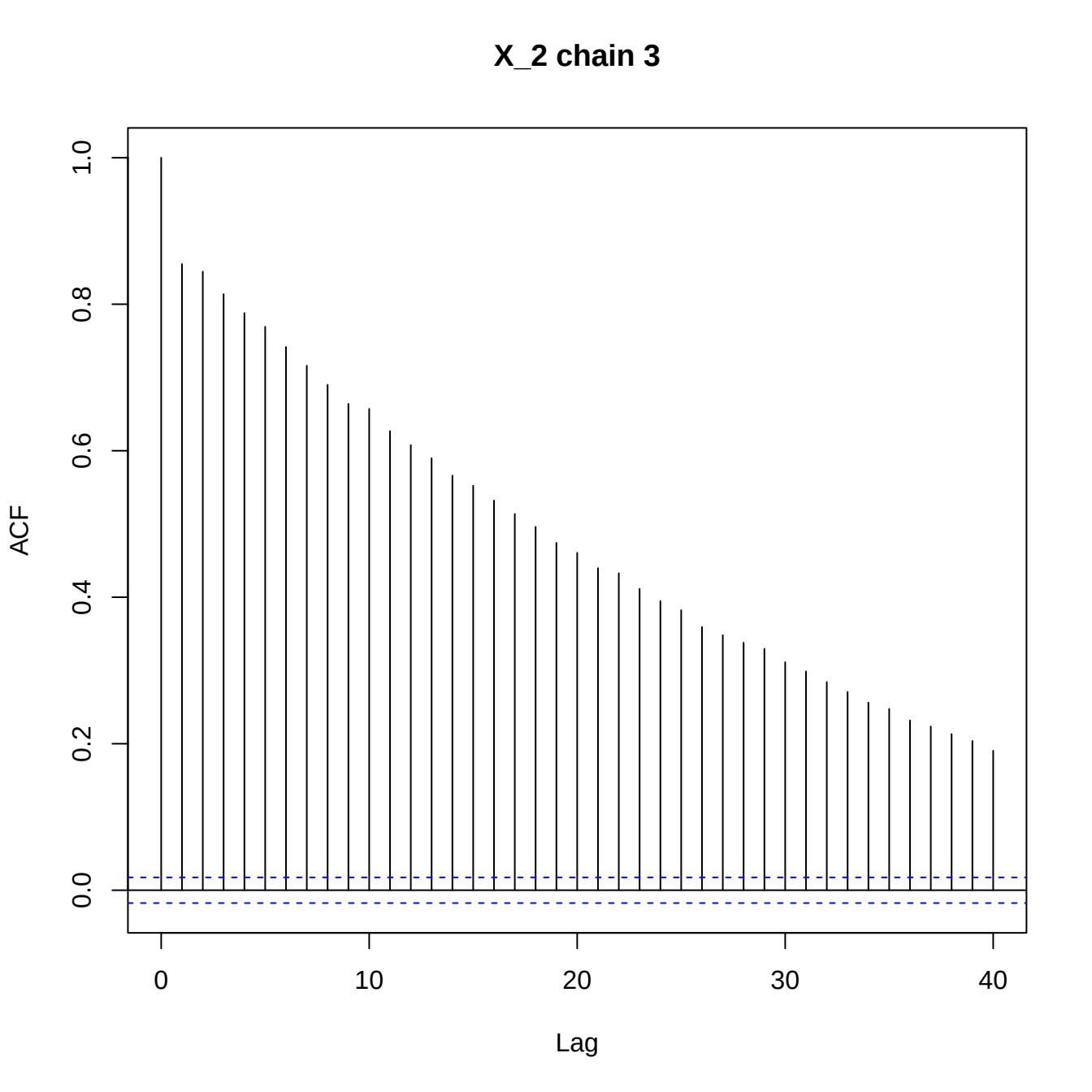

X_1 chain 4
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
10
20
30
40
Lag


X_1 chain 5
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
10
20
30
40
Lag


X_1 chain 6
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
10
20
30
40
Lag


X_2 chain 1
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
10
20
30
40
Lag


X_2 chain 2
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
10
20
30
40
Lag


X_2 chain 3
ACF
1.0
0.8
0.6
0.4
0.2
0.0
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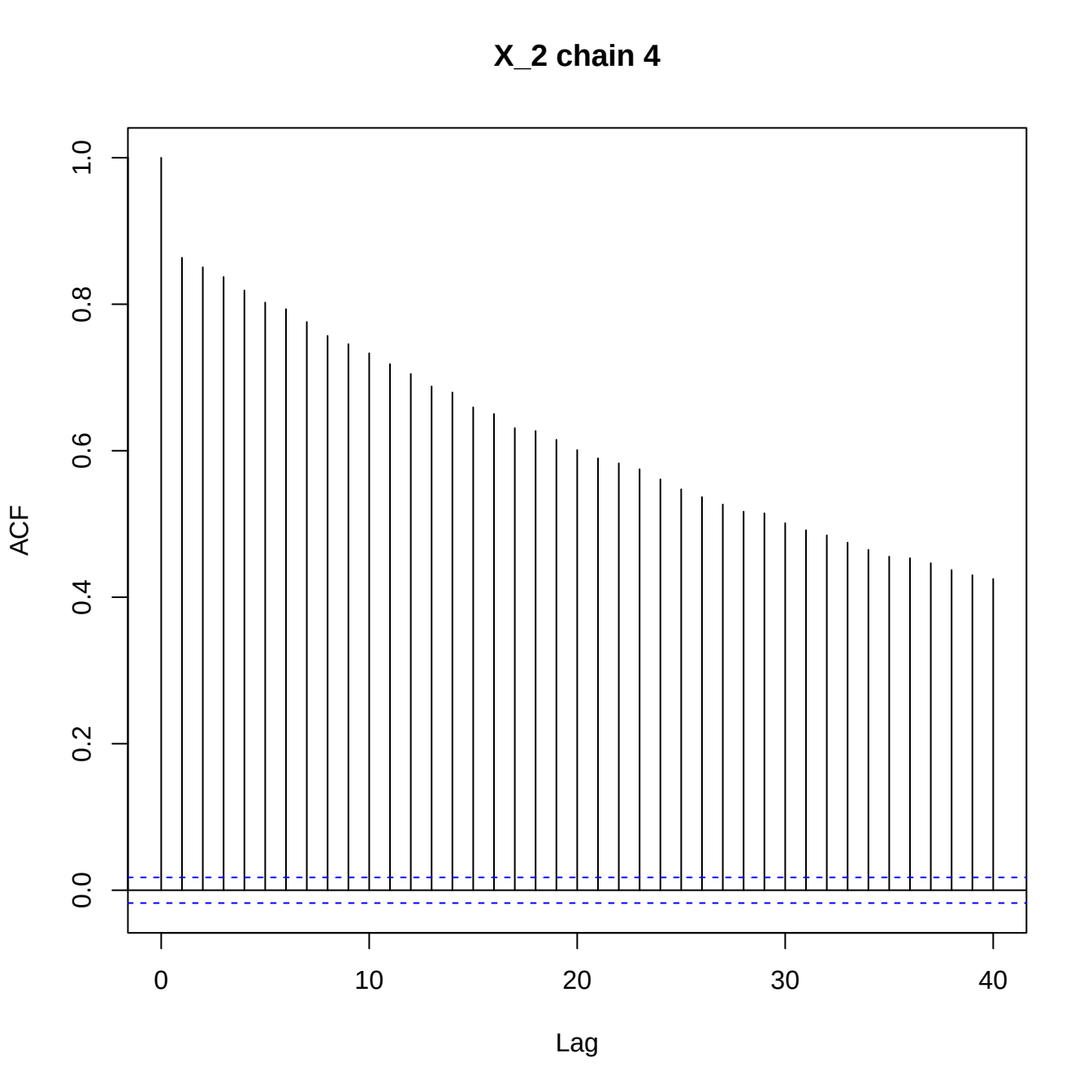
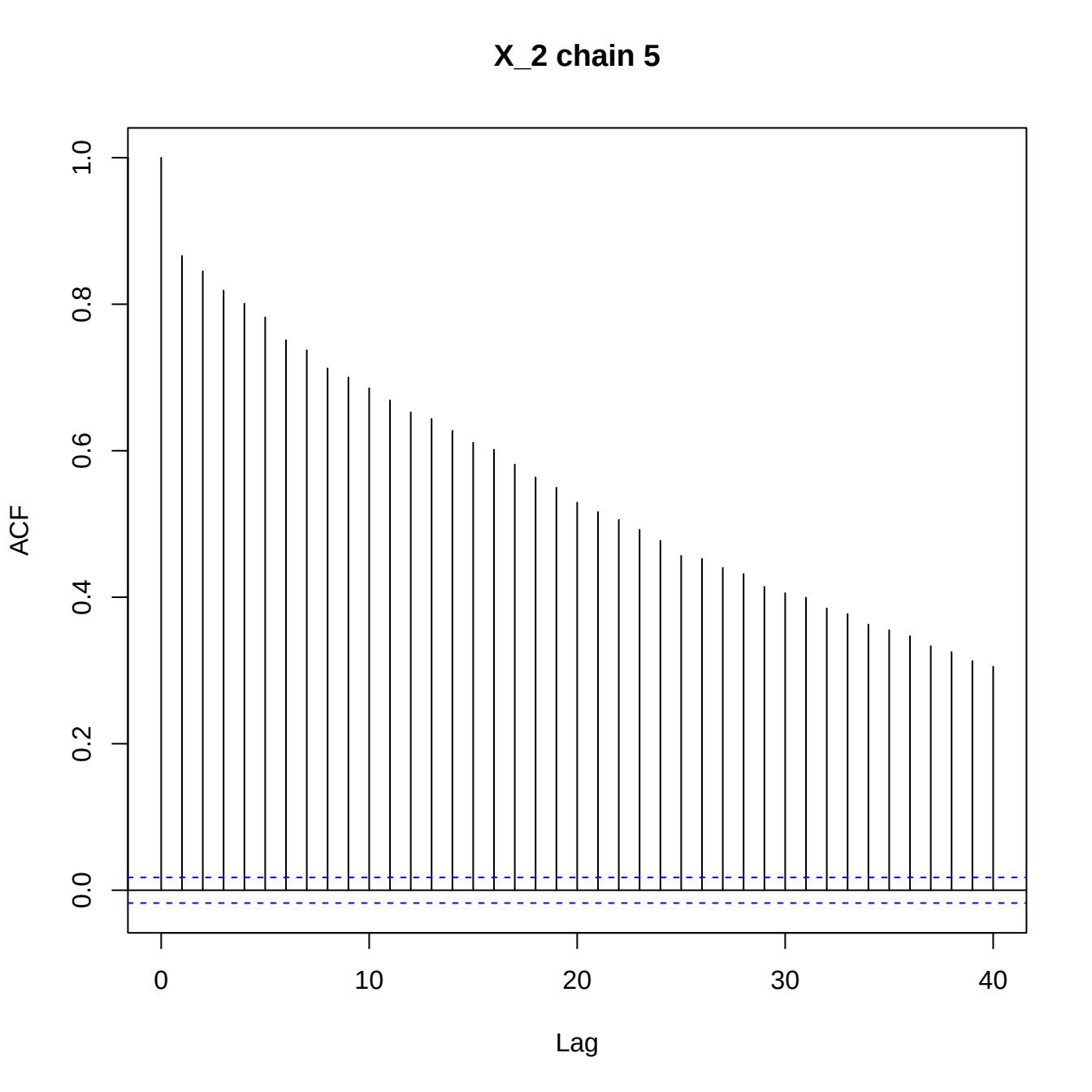
Lag


X_2 chain 4
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
10
20
30
40
Lag


X_2 chain 5
ACF
1.0
0.8
0.6
0.4
0.2
0.0
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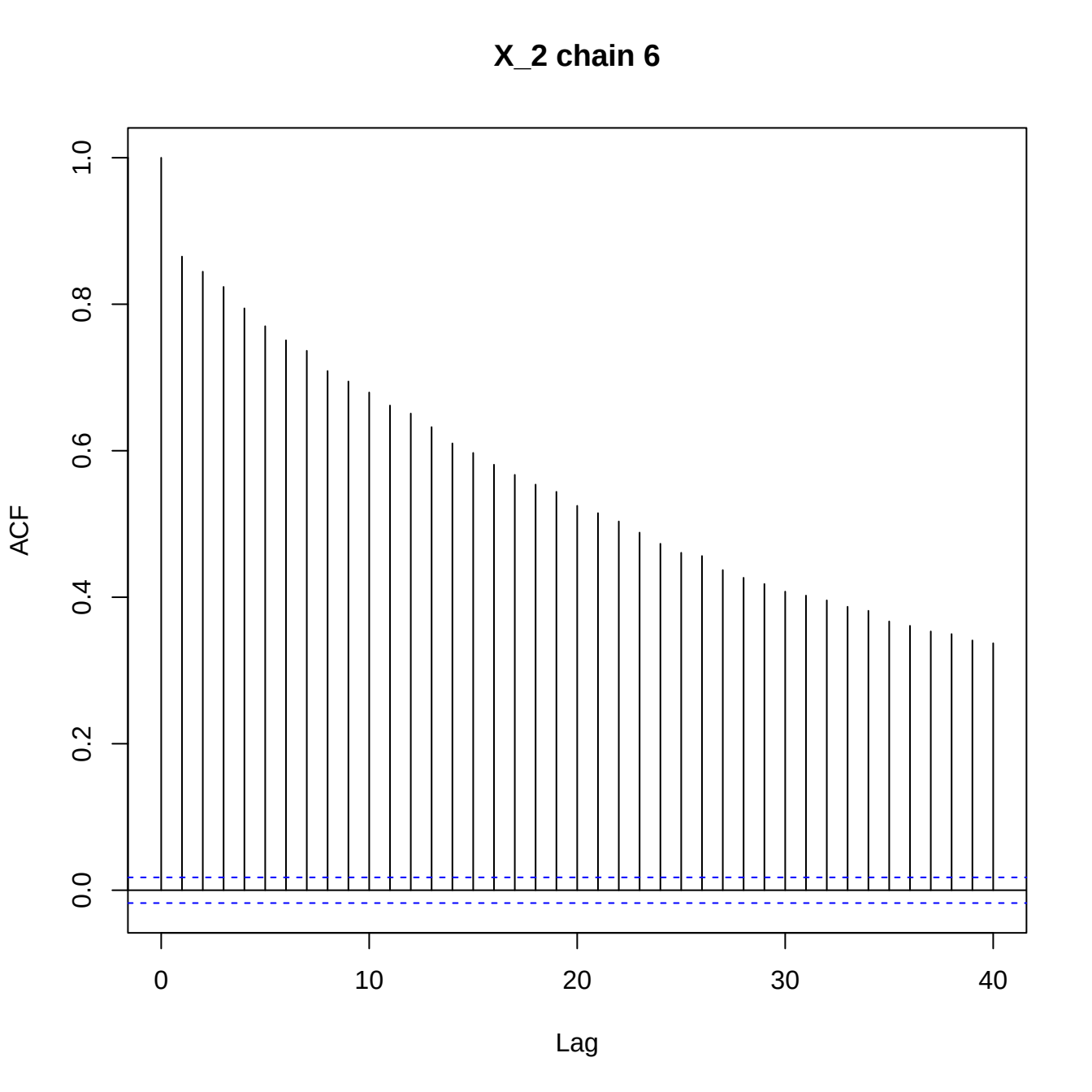
Lag


X_2 chain 6
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
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20
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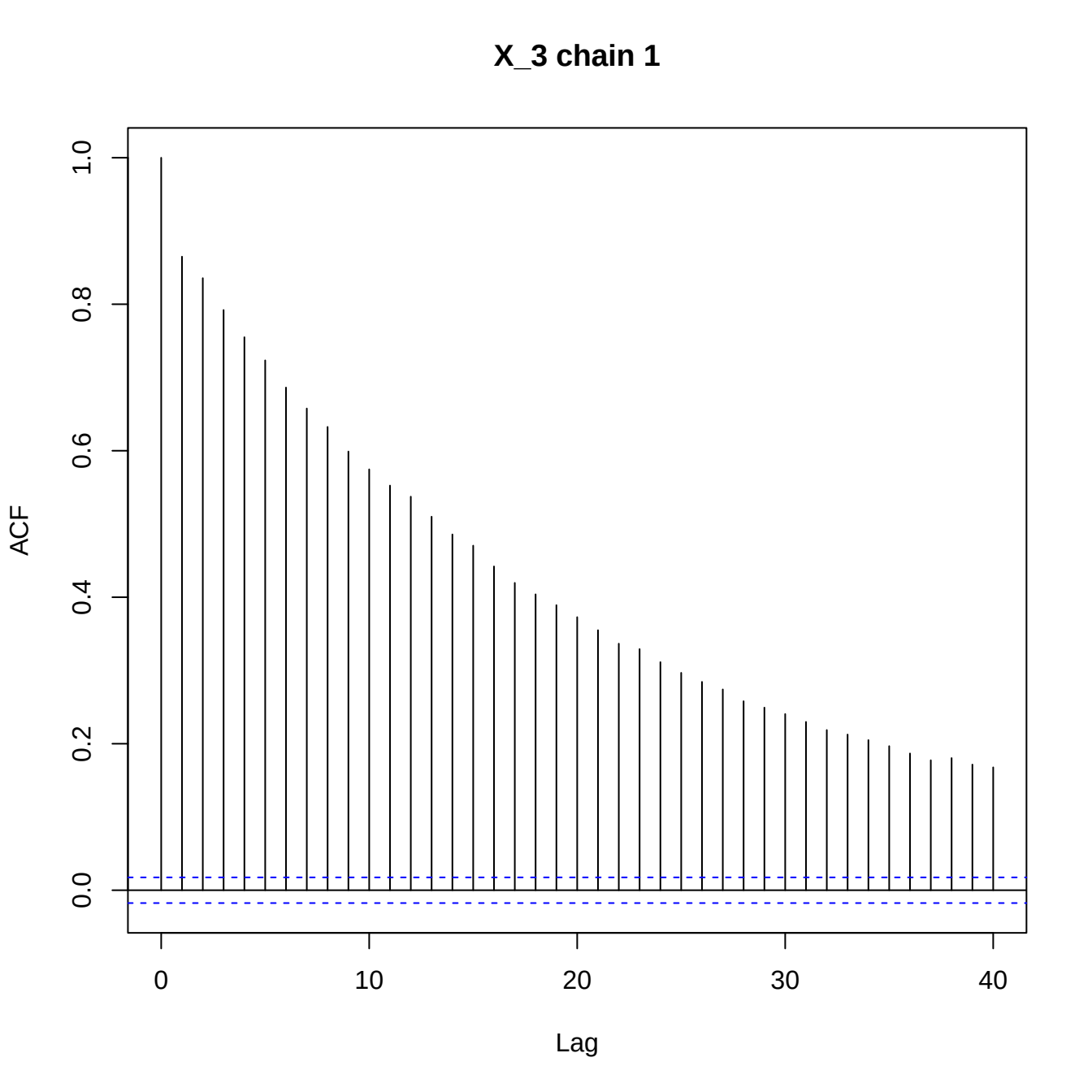
40
Lag


X_3 chain 1
ACF
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0.6
0.4
0.2
0.0
0
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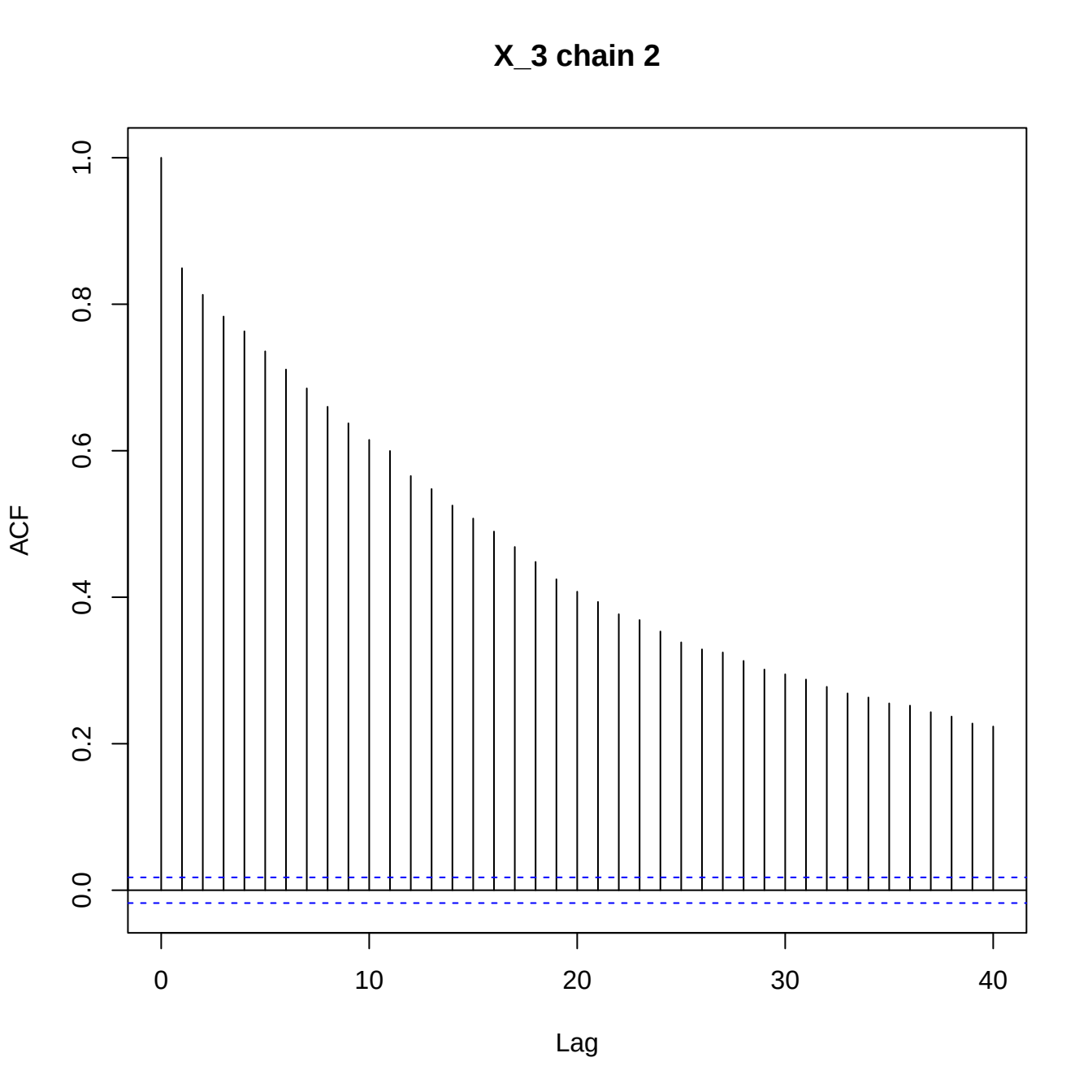
40
Lag


X_3 chain 2
ACF
1.0
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0.6
0.4
0.2
0.0
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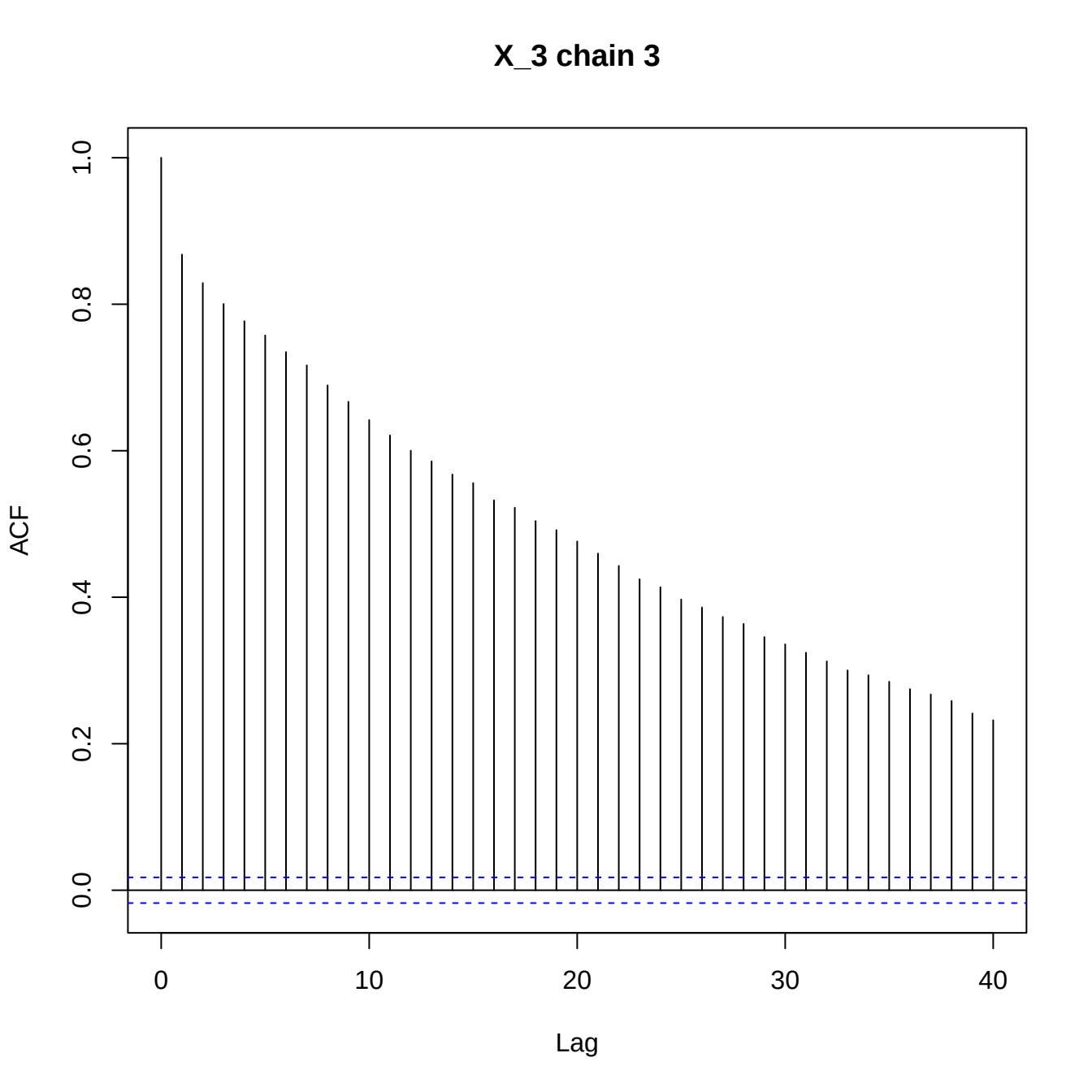
Lag


X_3 chain 3
ACF
1.0
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0.6
0.4
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0.0
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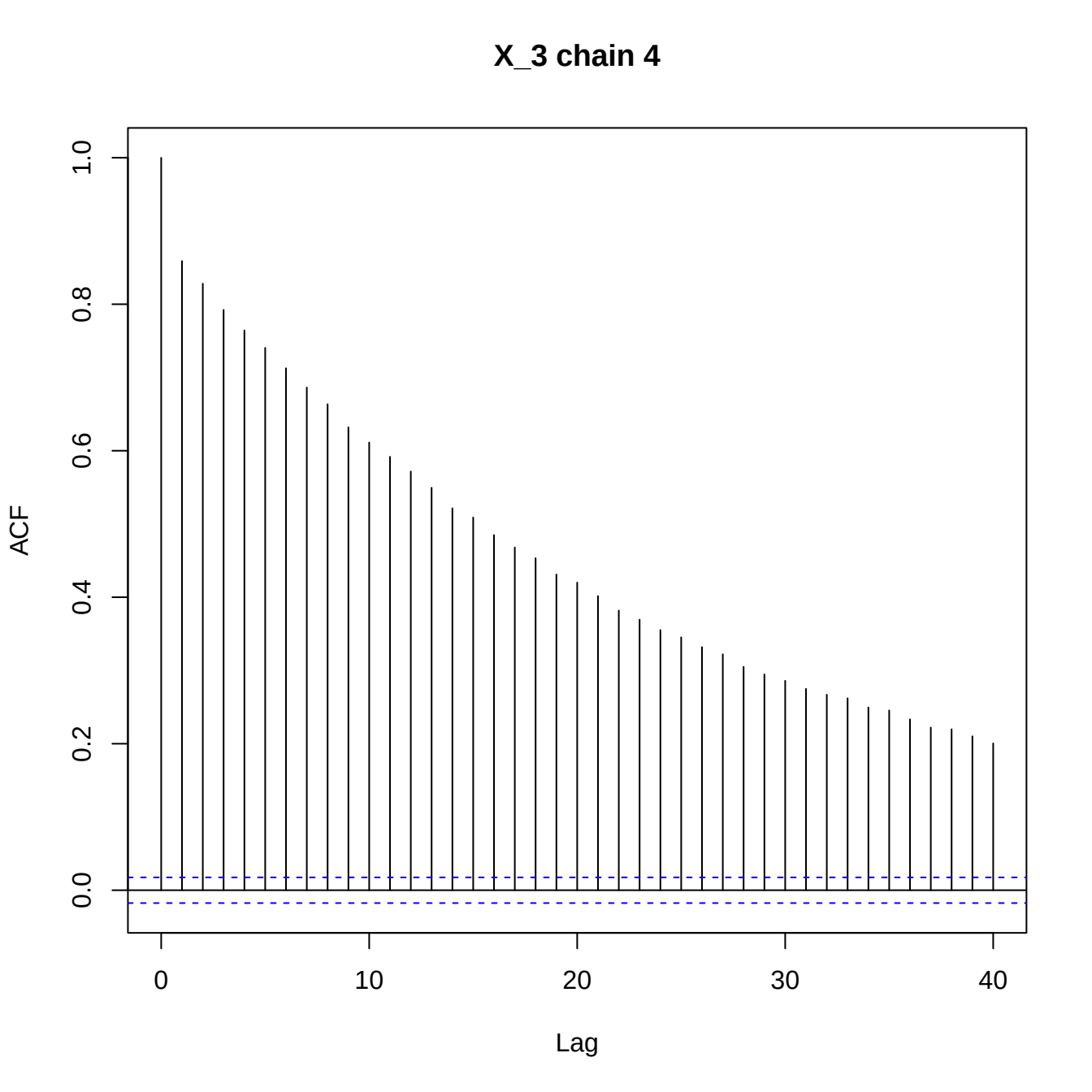
Lag


X_3 chain 4
ACF
1.0
0.8
0.6
0.4
0.2
0.0
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20
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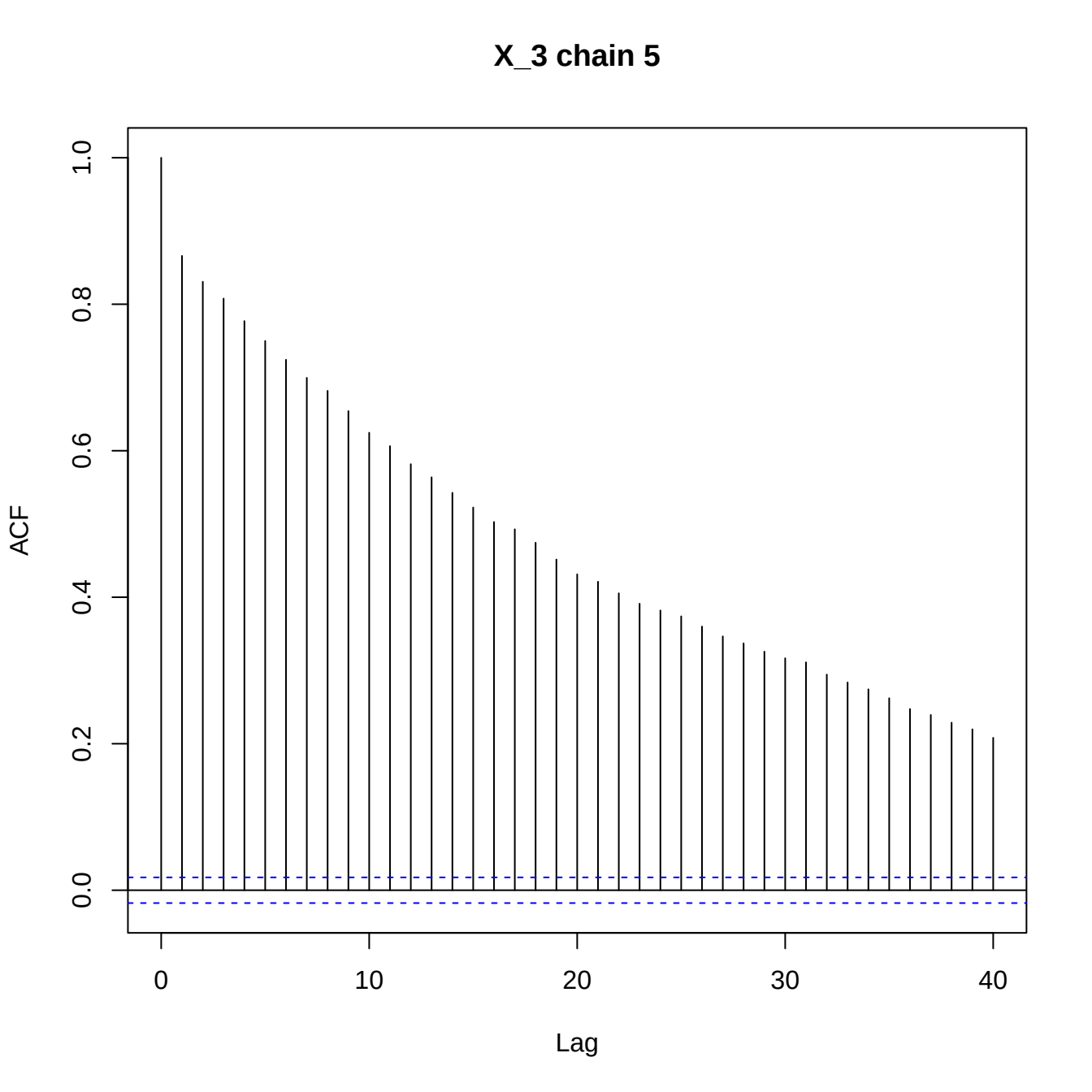
40
Lag


X_3 chain 5
ACF
1.0
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0.6
0.4
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0.0
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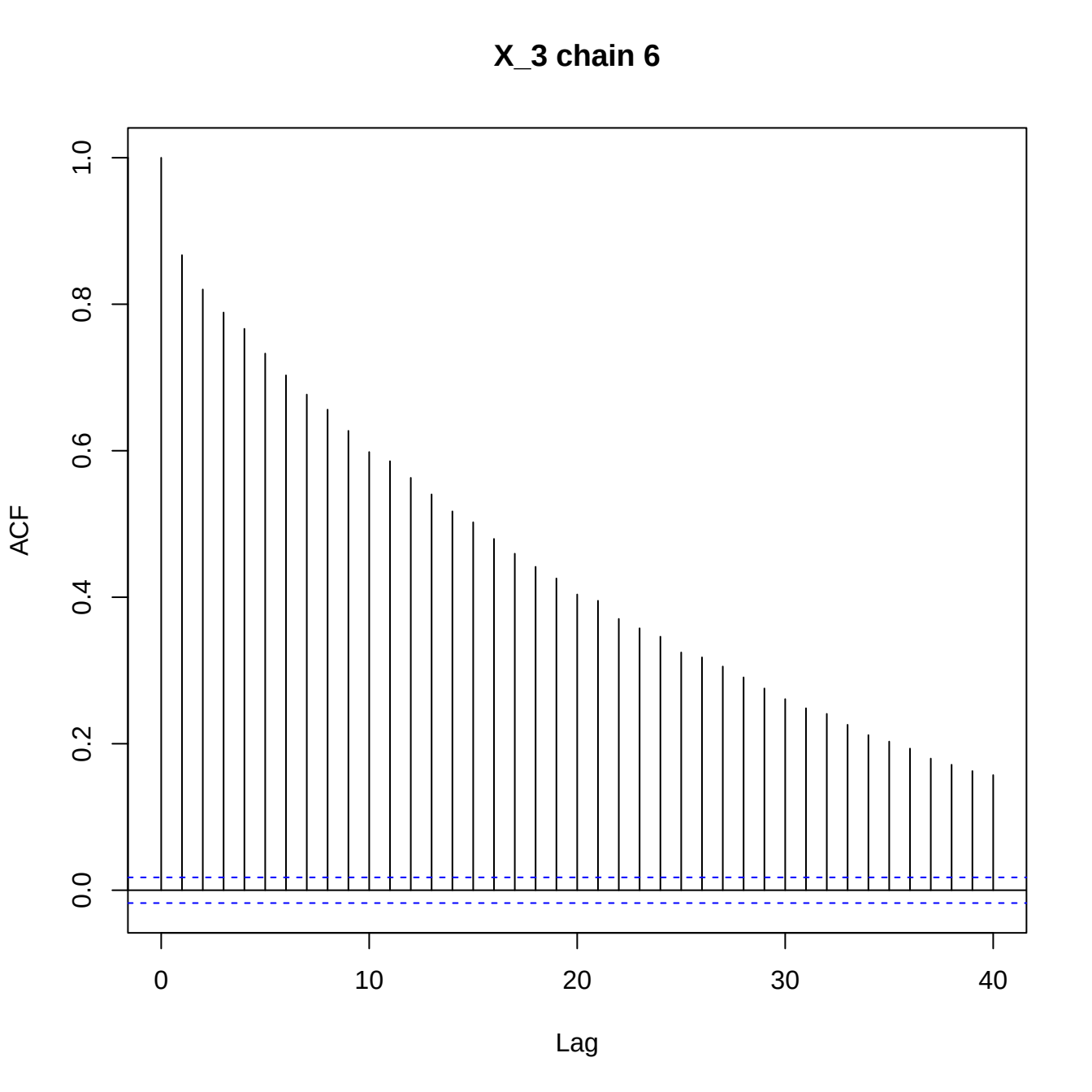
Lag


X_3 chain 6
ACF
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0.6
0.4
0.2
0.0
0
10
20
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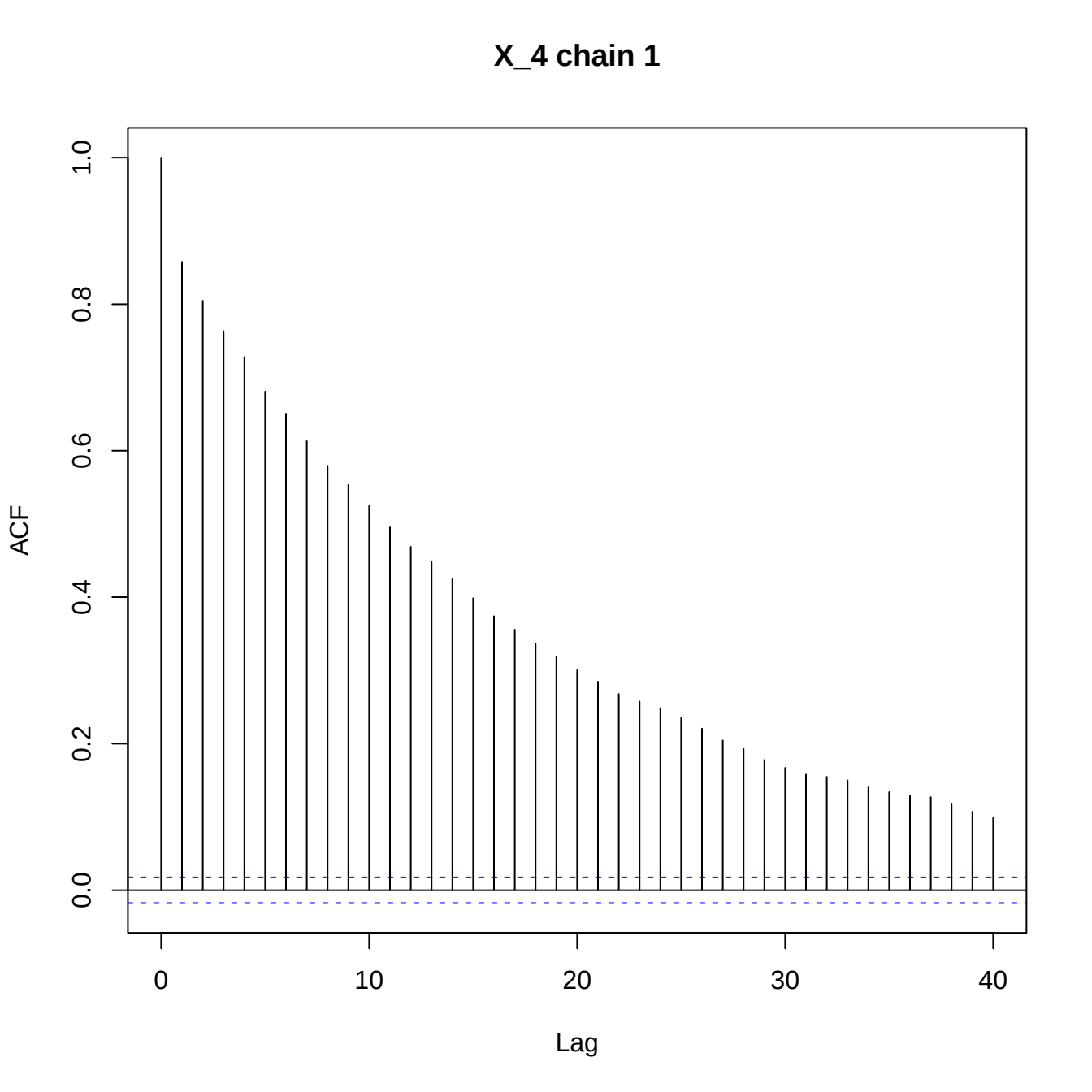
40
Lag


X_4 chain 1
ACF
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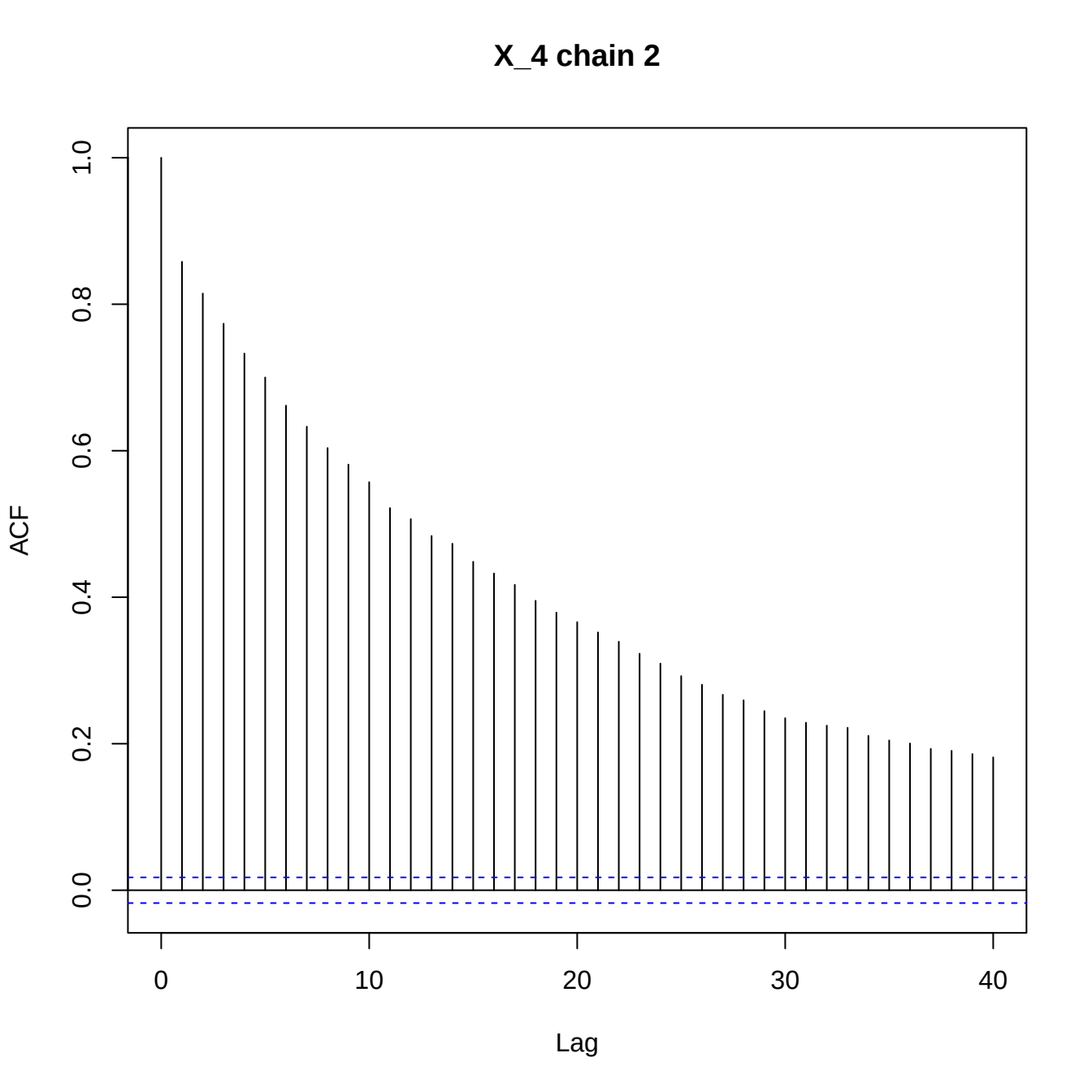
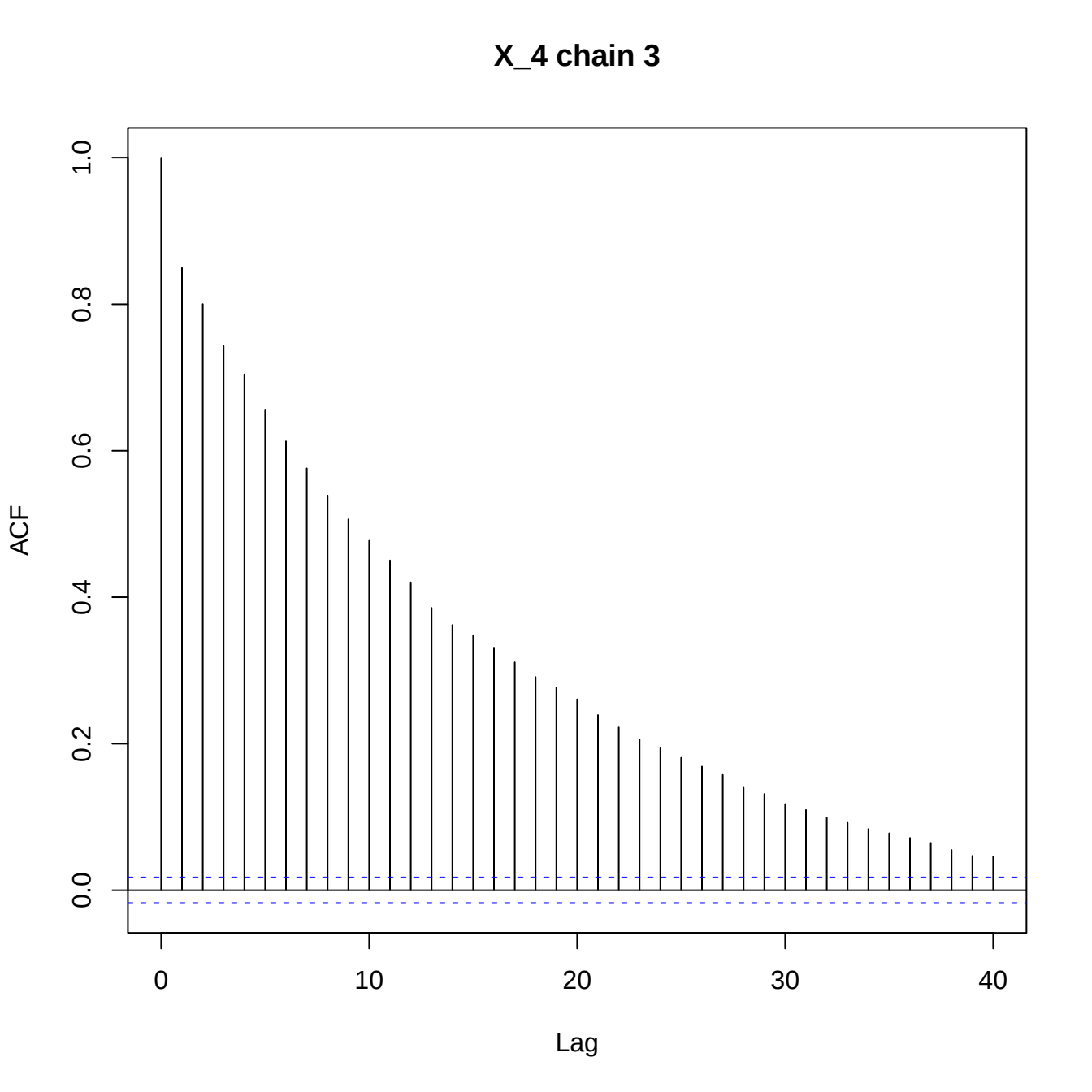
0.6
0.4
0.2
0.0
0
10
20
30
40
Lag


X_4 chain 2
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
10
20
30
40
Lag


X_4 chain 3
ACF
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0.6
0.4
0.2
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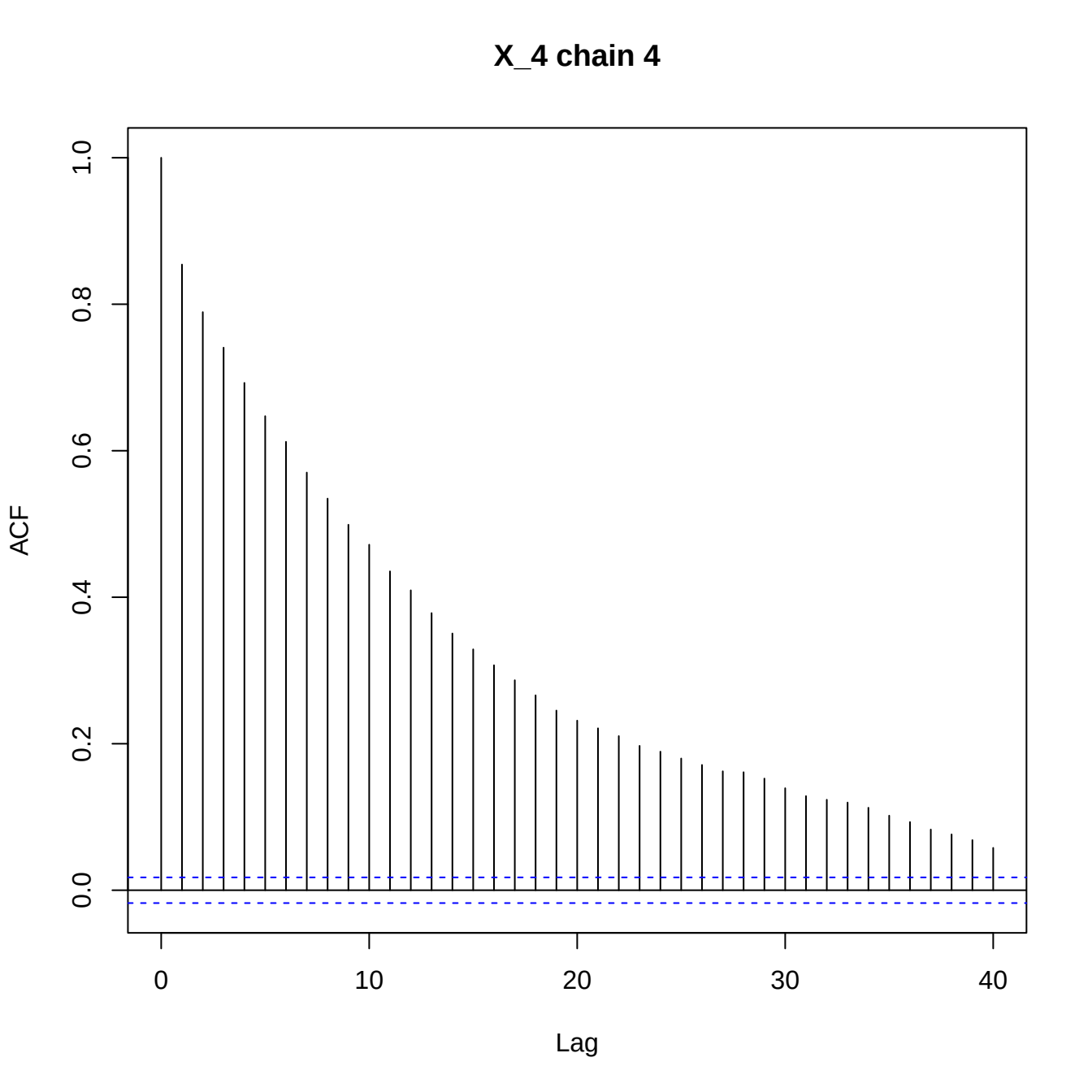
Lag


X_4 chain 4
ACF
1.0
0.8
0.6
0.4
0.2
0.0
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10
20
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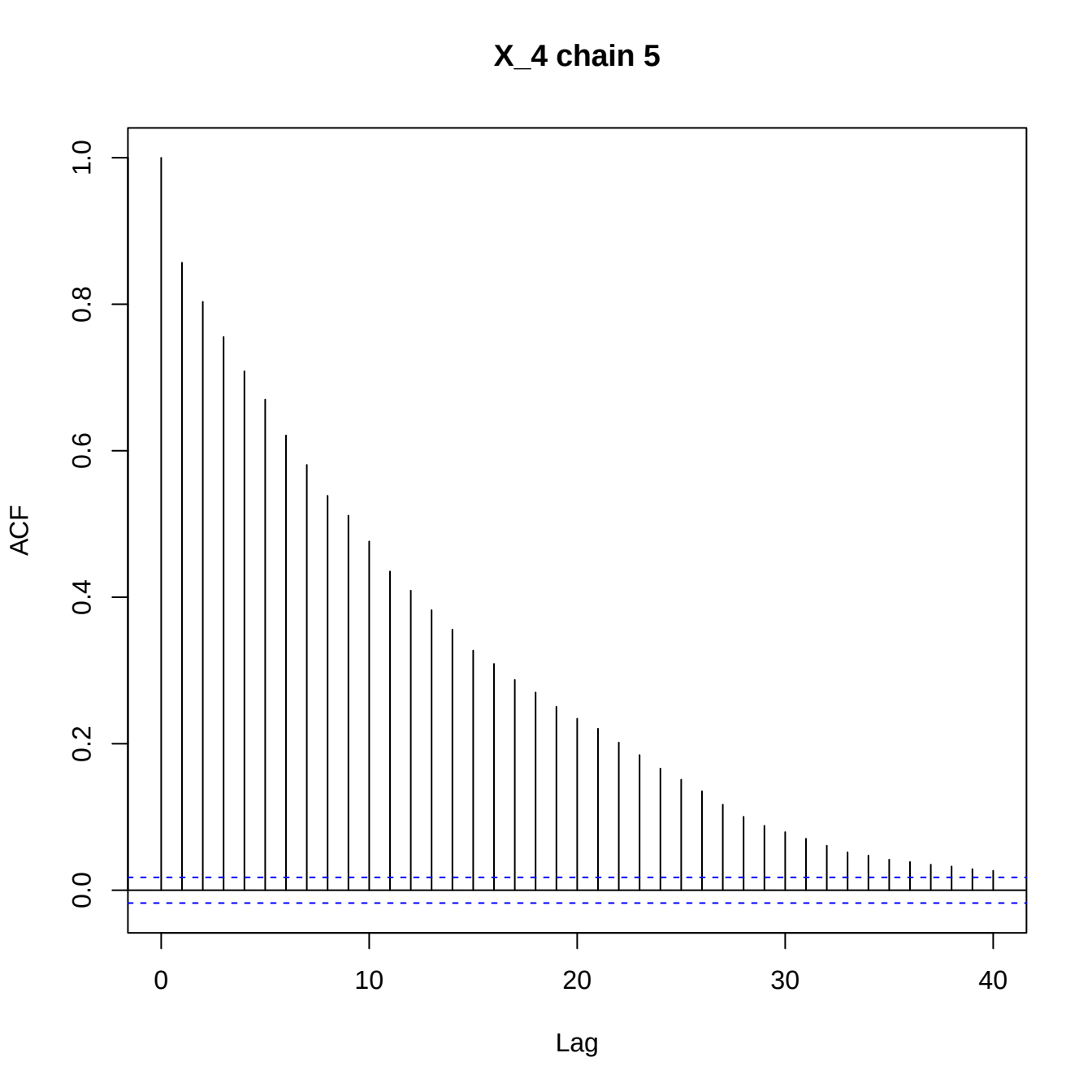
40
Lag


X_4 chain 5
ACF
1.0
0.8
0.6
0.4
0.2
0.0
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20
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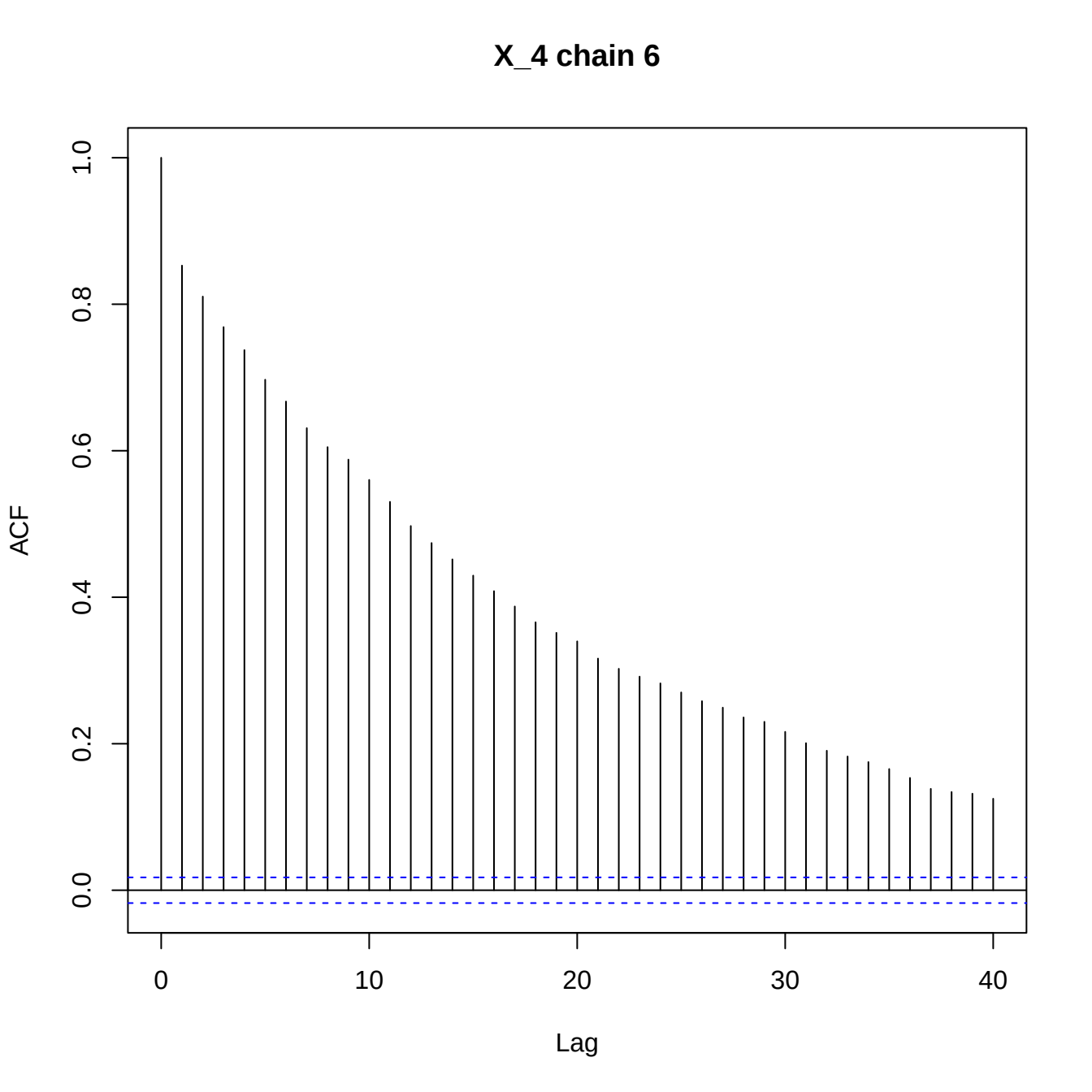
40
Lag


X_4 chain 6
ACF
1.0
0.8
0.6
0.4
0.2
0.0
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20
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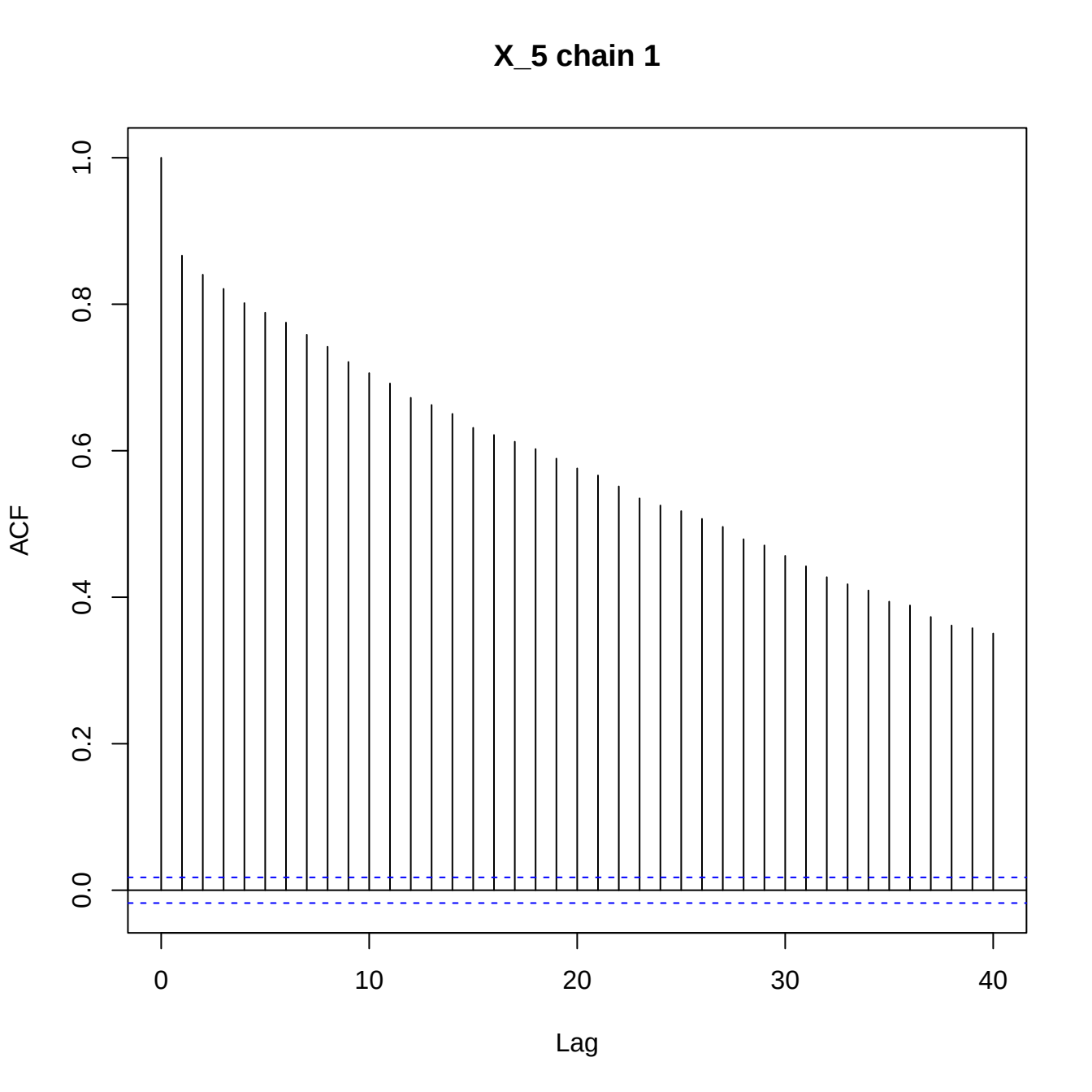
40
Lag


X_5 chain 1
ACF
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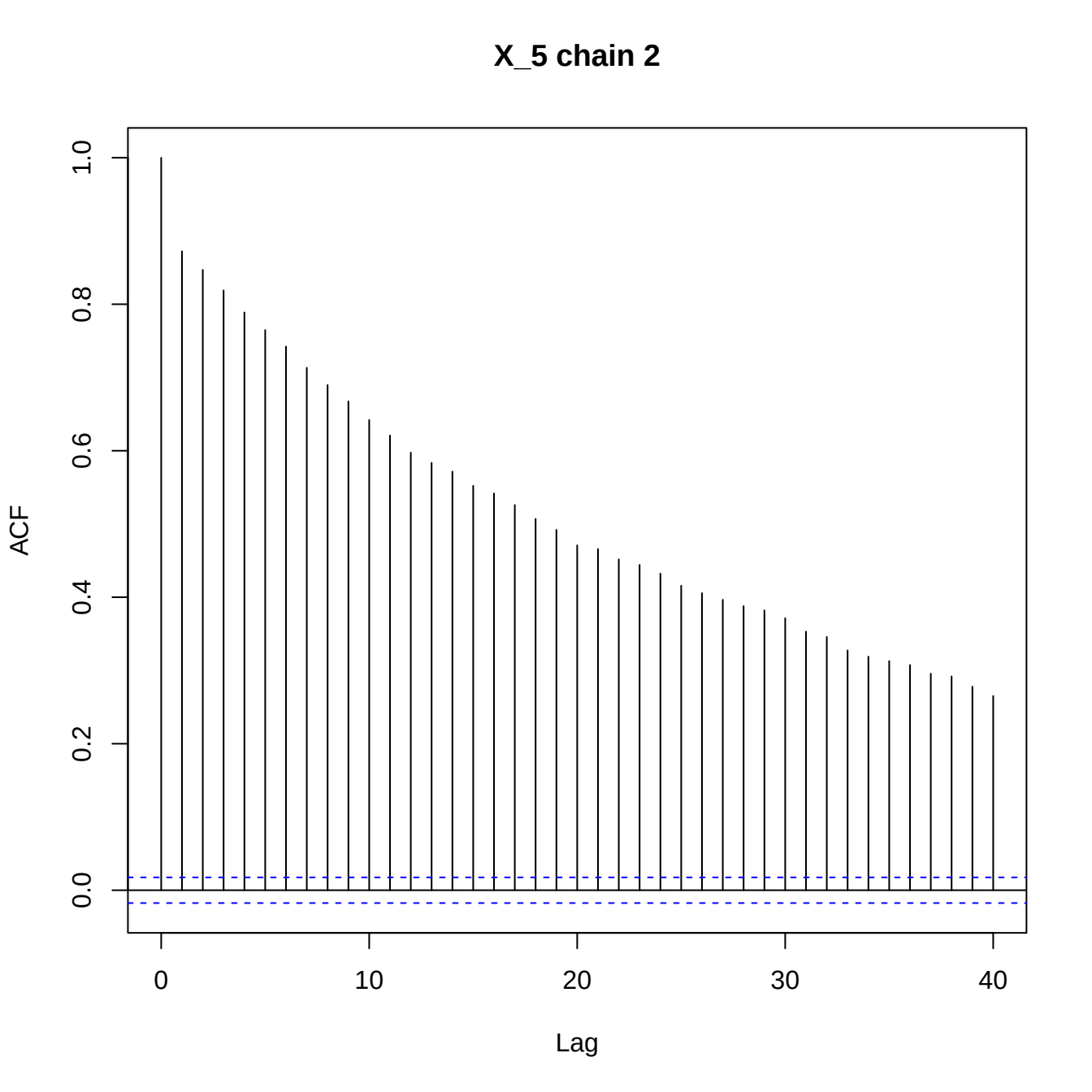
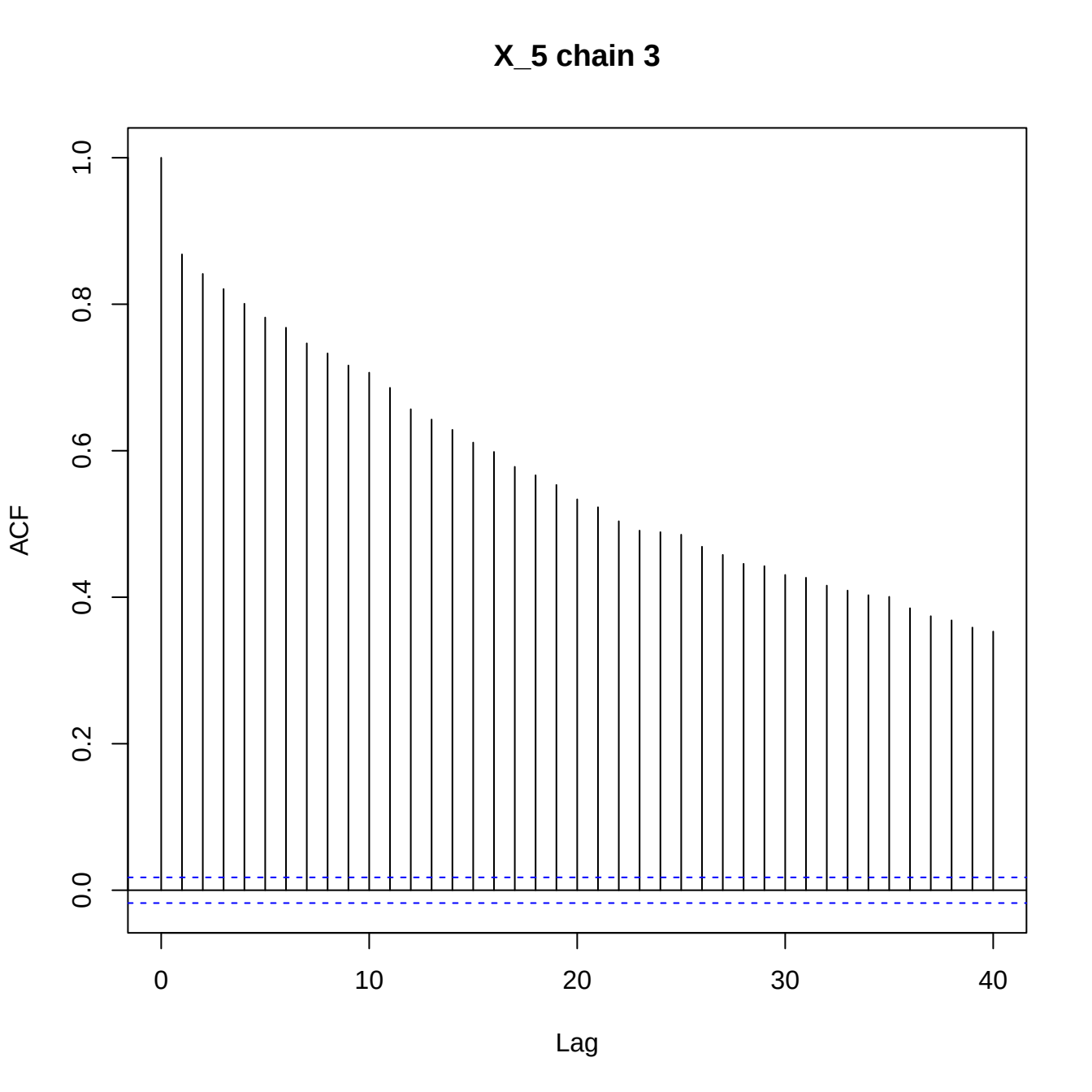
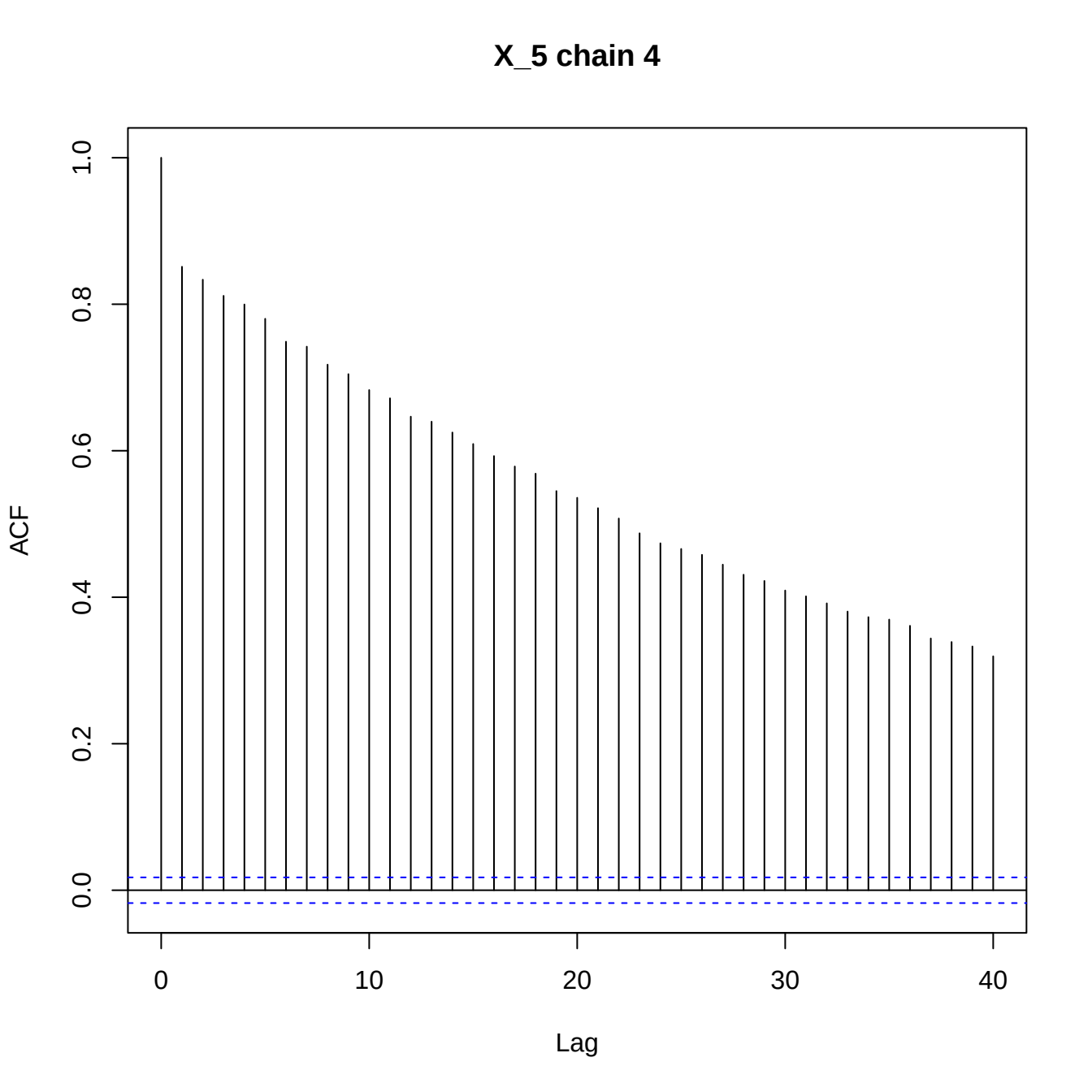
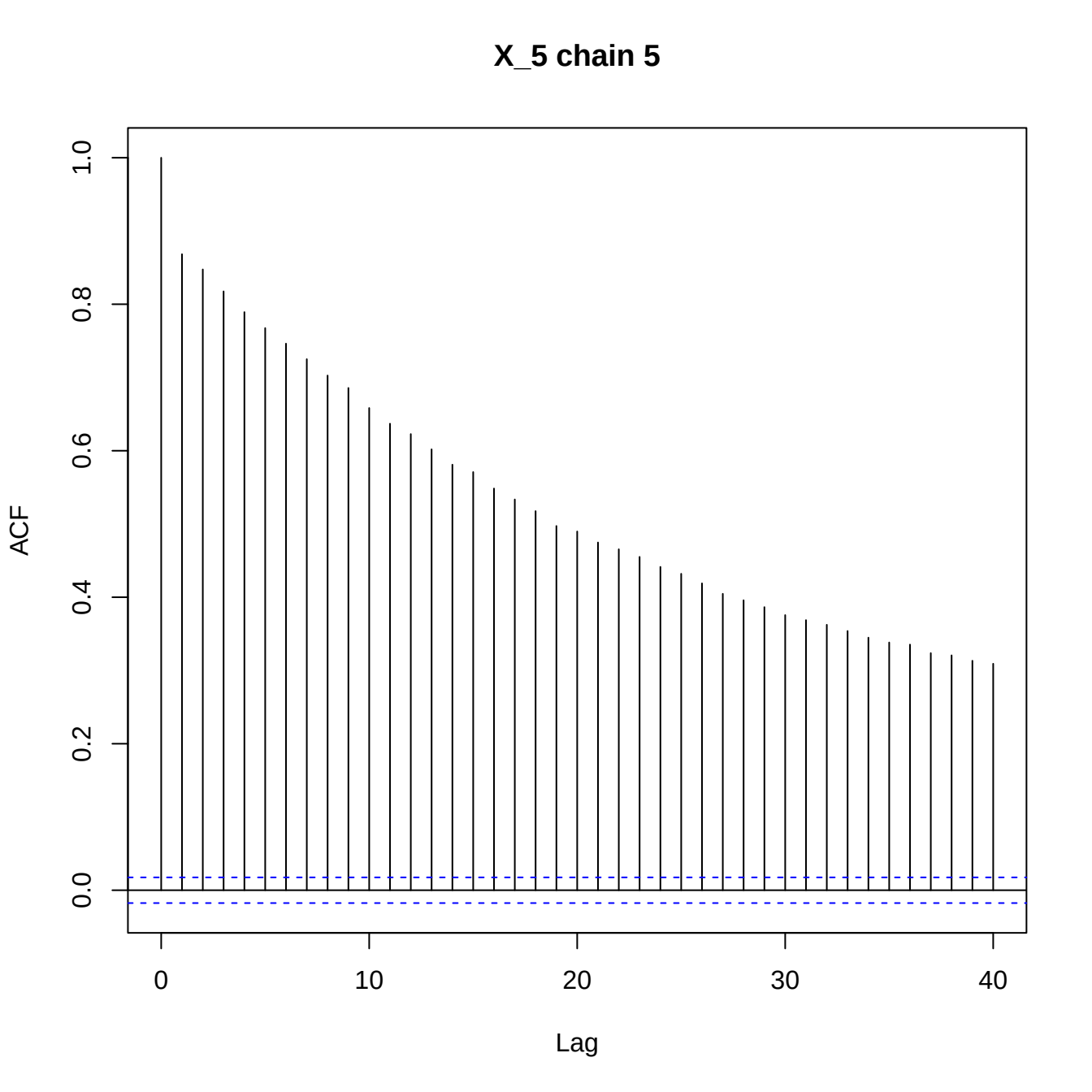
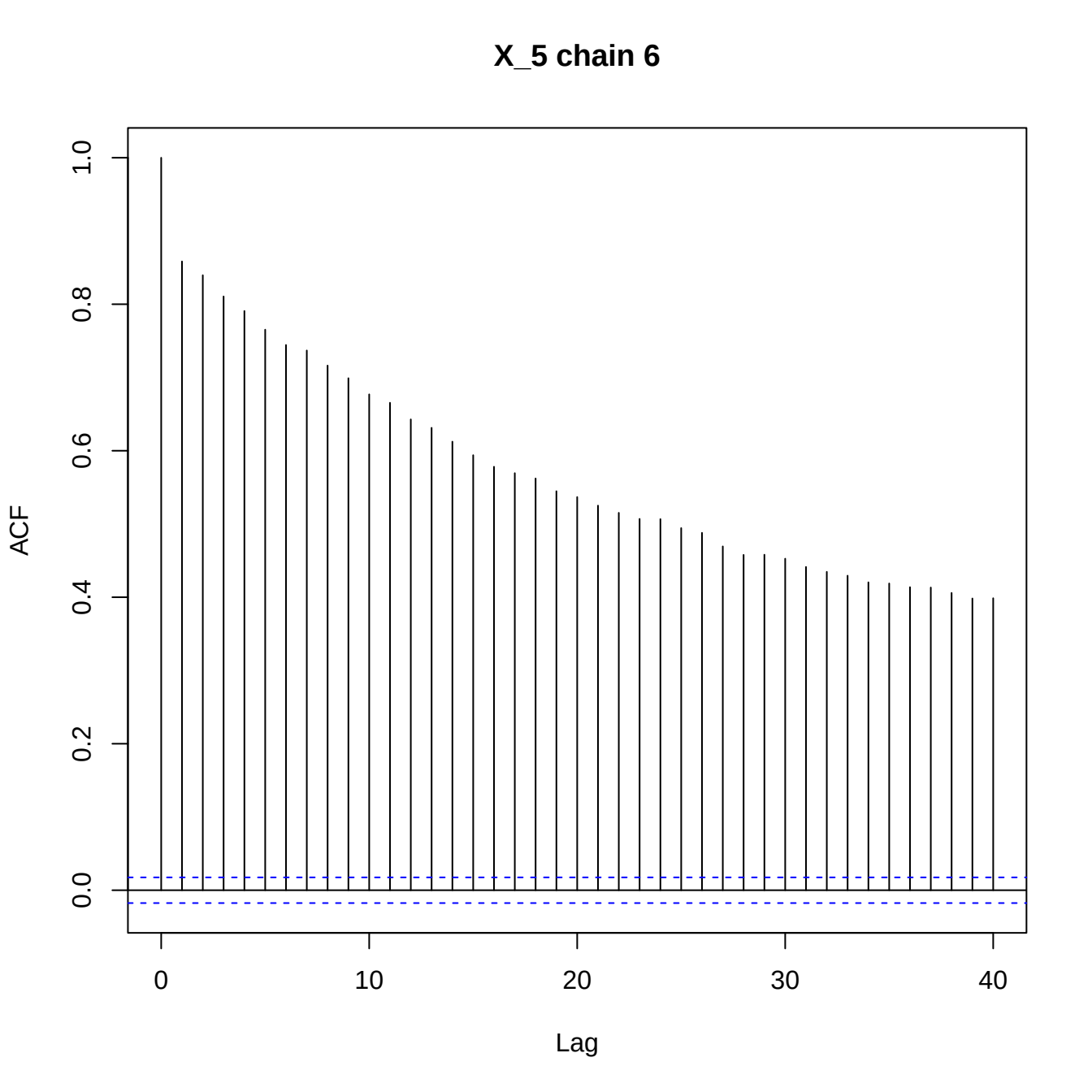
0.8
0.6
0.4
0.2
0.0
0
10
20
30
40
Lag

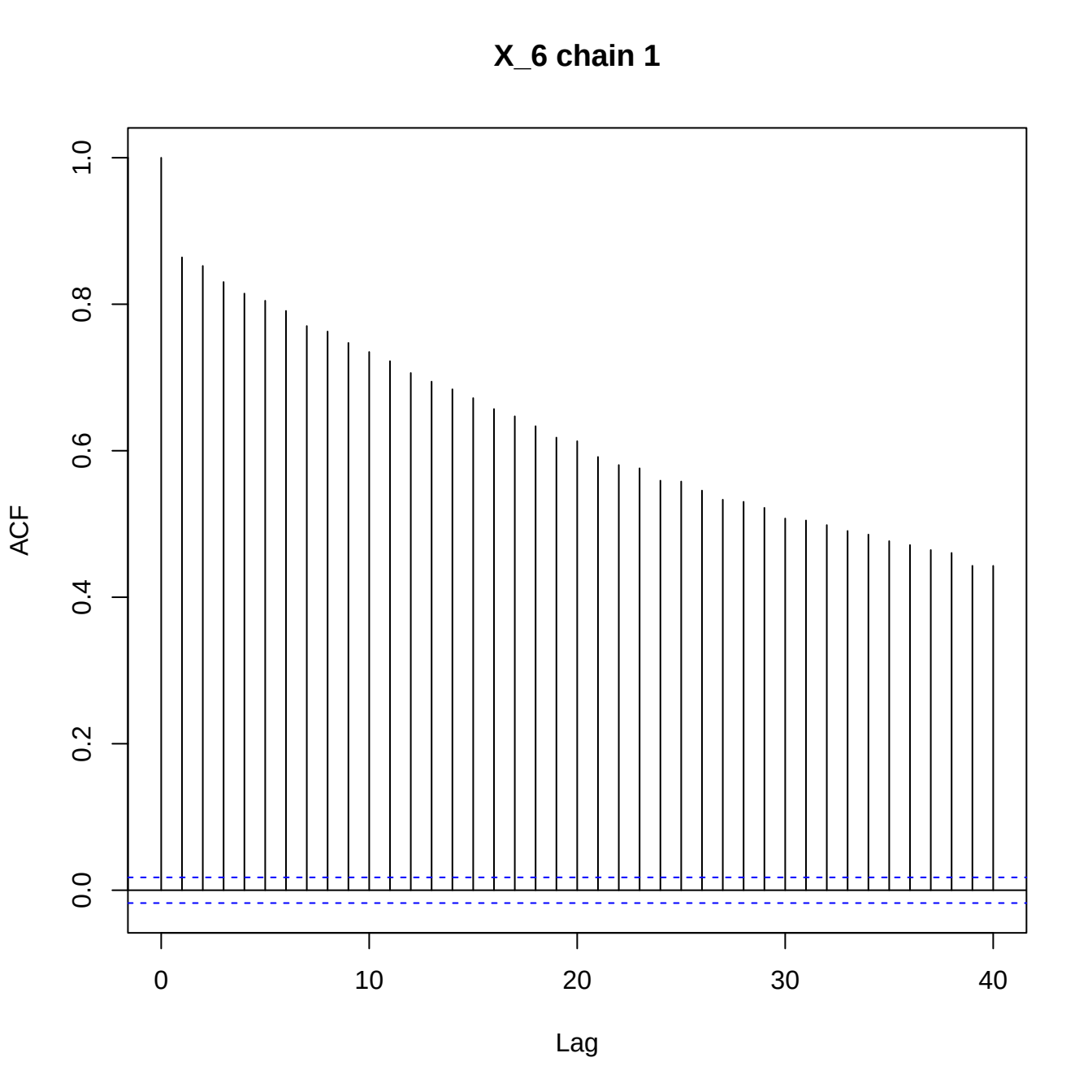

X_5 chain 2
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
10
20
30
40
Lag


X_5 chain 3
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
10
20
30
40
Lag


X_5 chain 4
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
10
20
30
40
Lag


X_5 chain 5
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
10
20
30
40
Lag


X_5 chain 6
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
10
20
30
40
Lag


X_6 chain 1
ACF
1.0
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0.6
0.4
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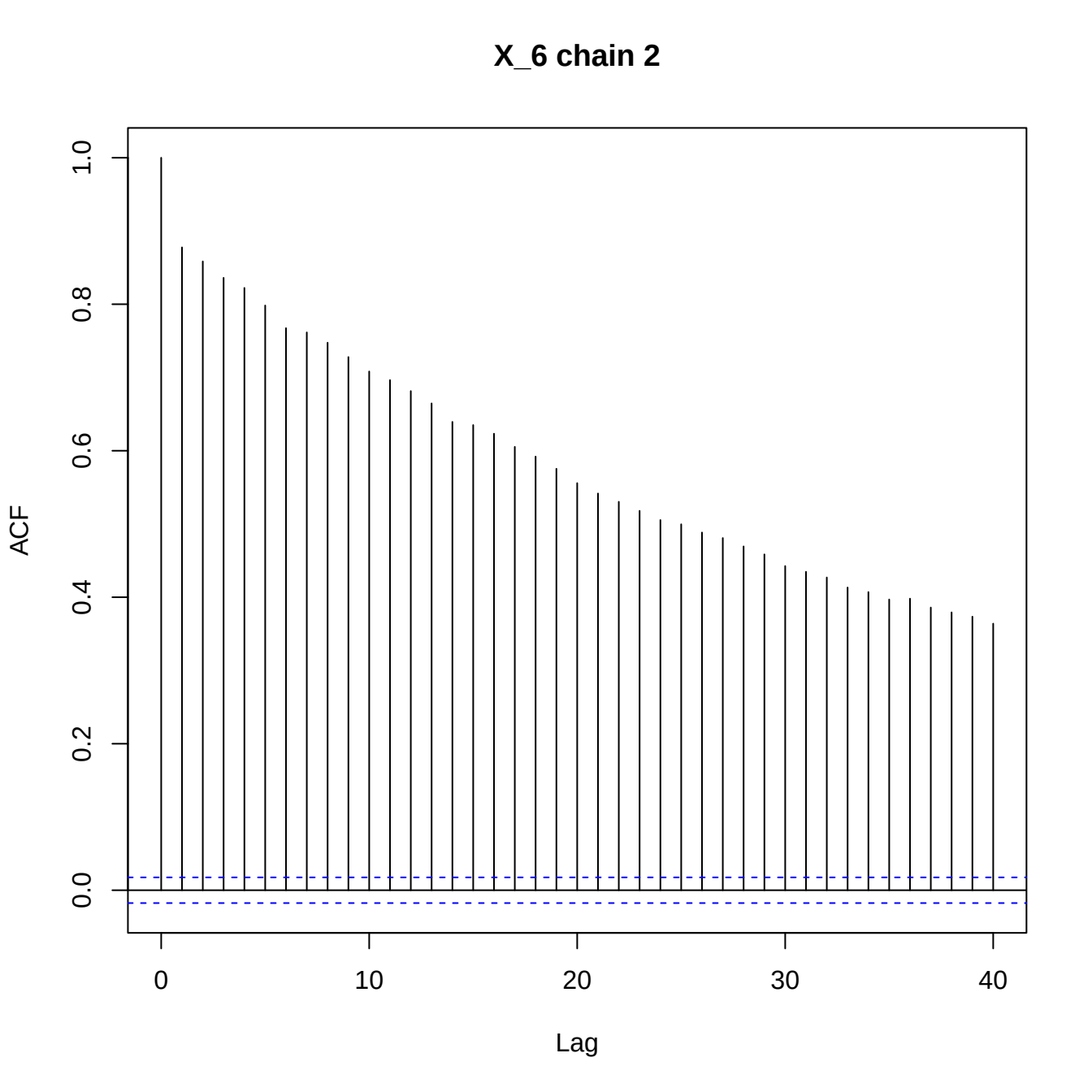
Lag


X_6 chain 2
ACF
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0.4
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0.0
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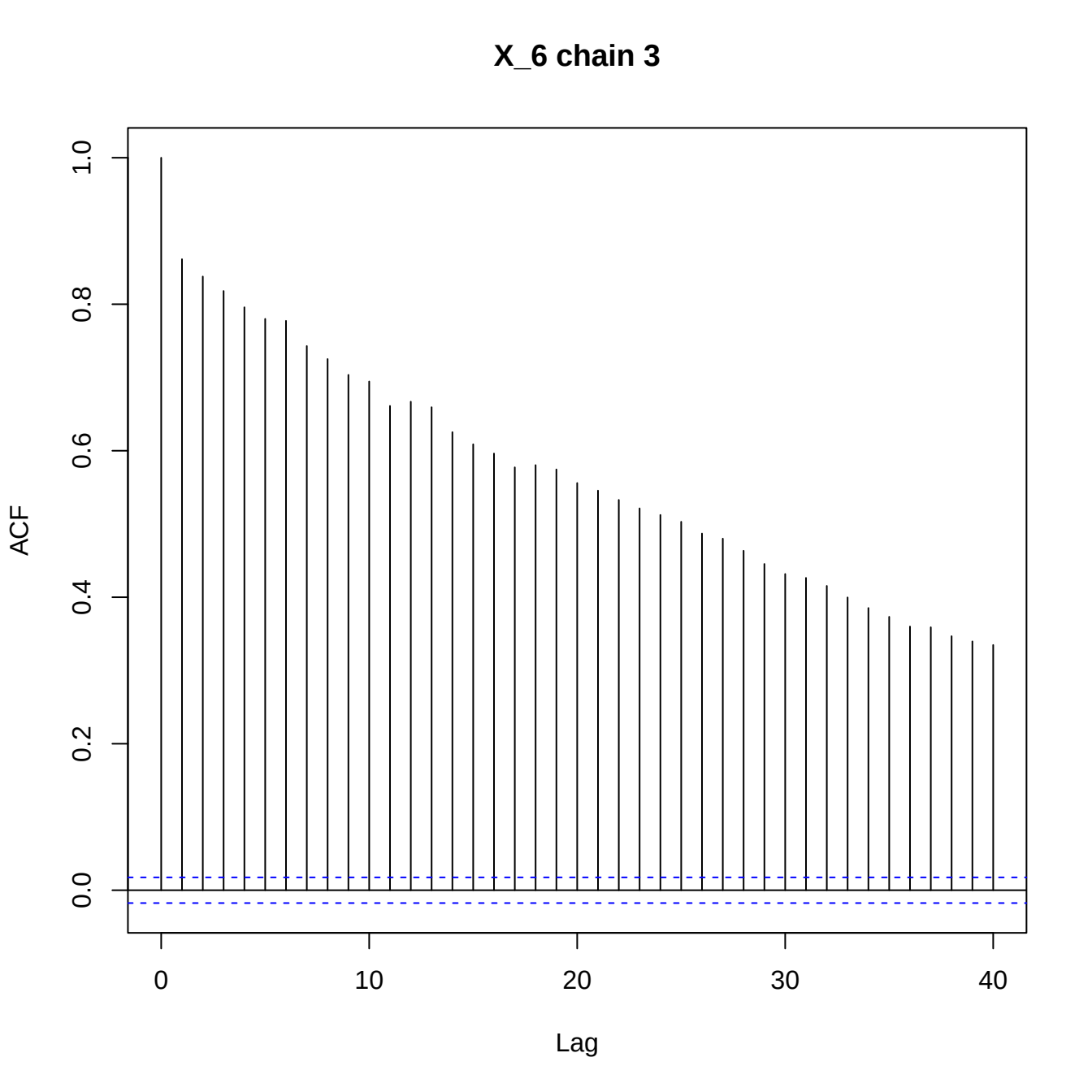
Lag


X_6 chain 3
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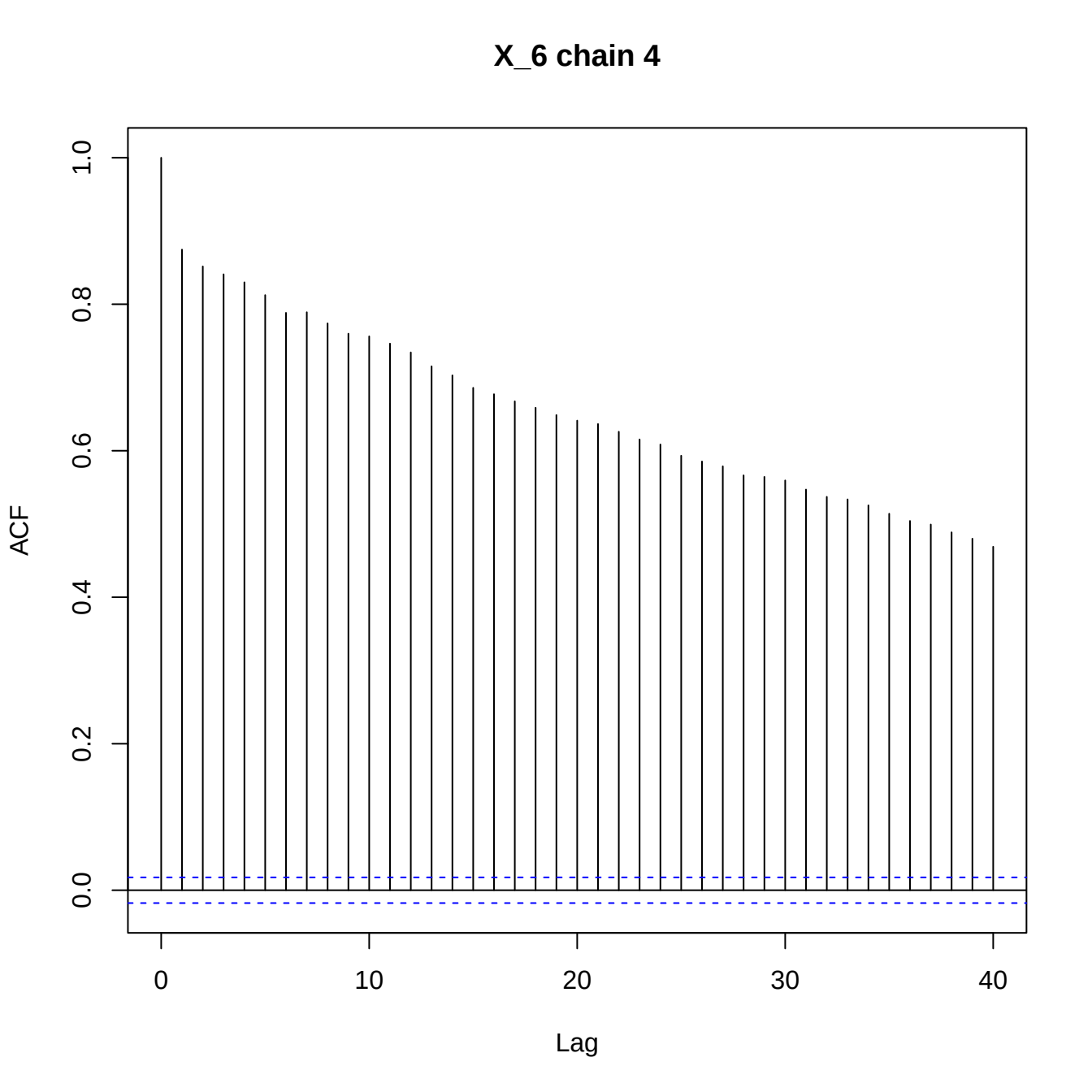
Lag


X_6 chain 4
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1.0
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0.6
0.4
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20
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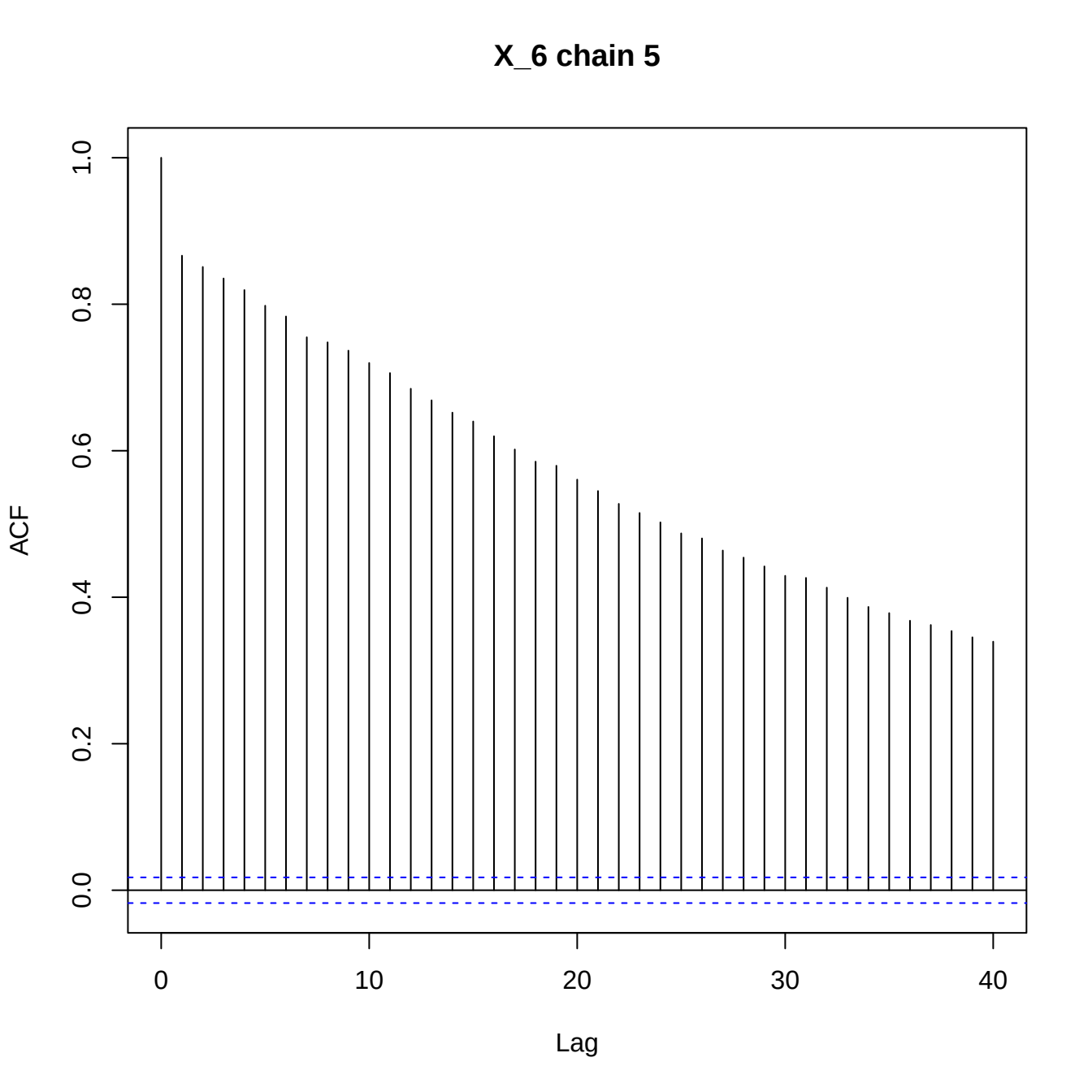
Lag


X_6 chain 5
ACF
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0.4
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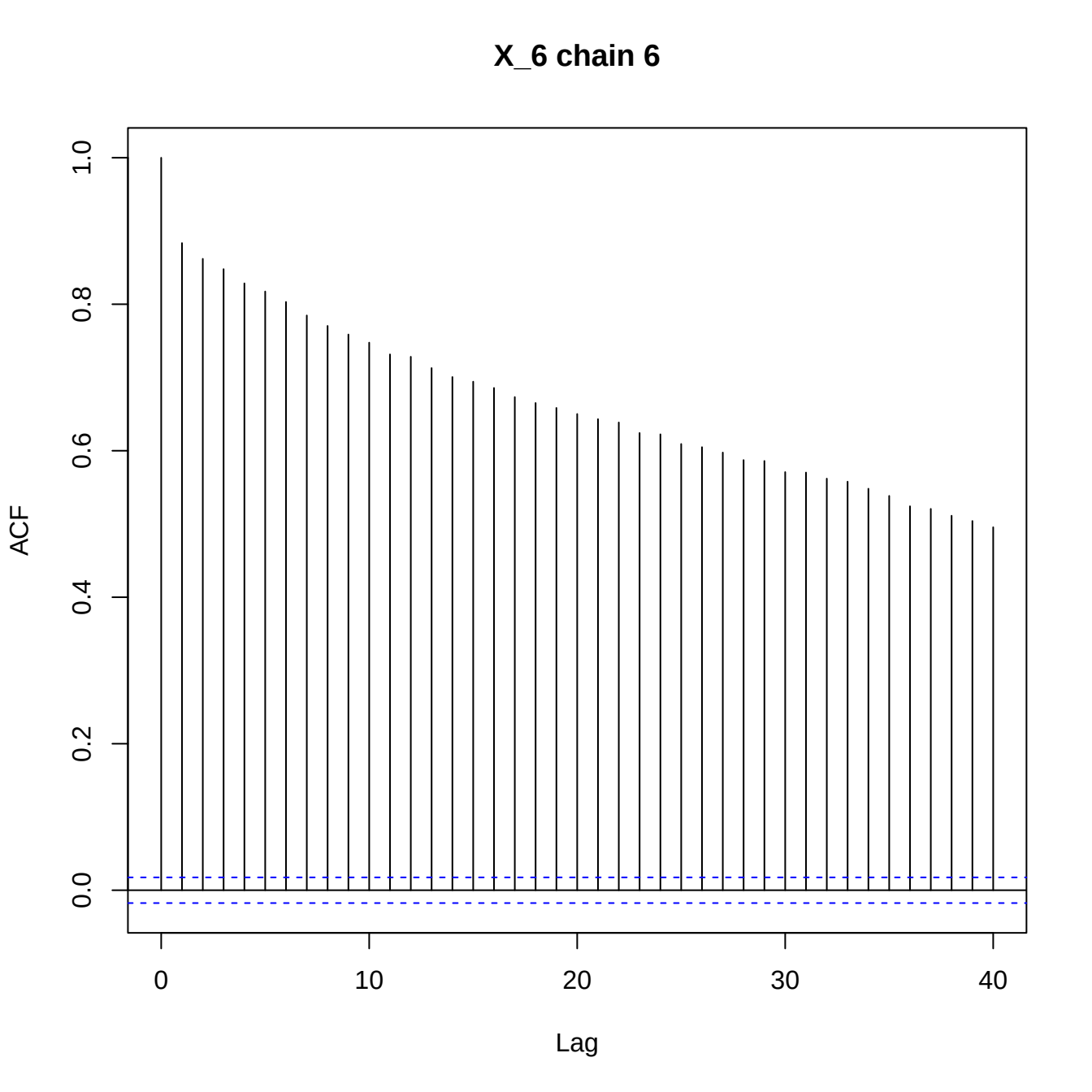
Lag


X_6 chain 6
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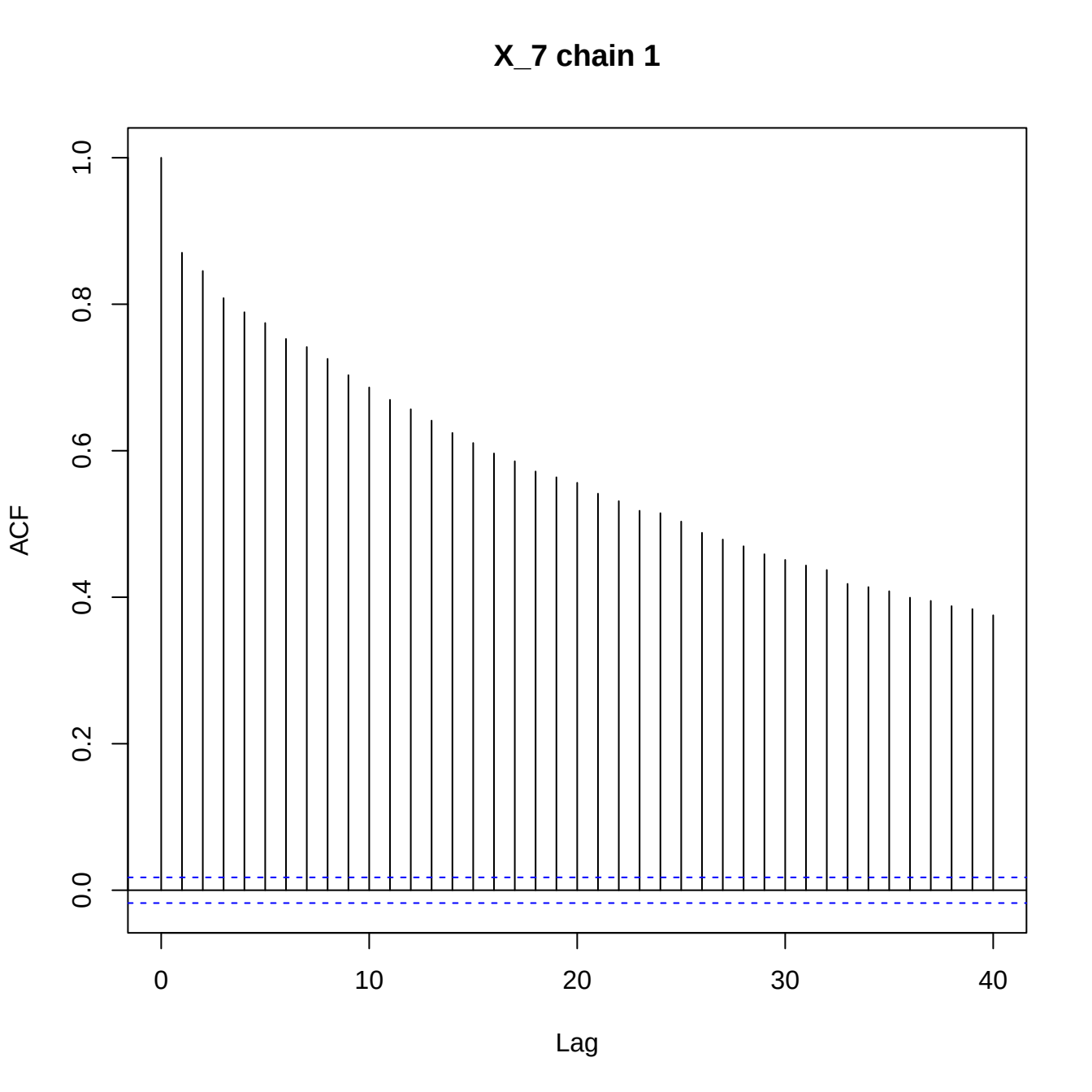
Lag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1.0
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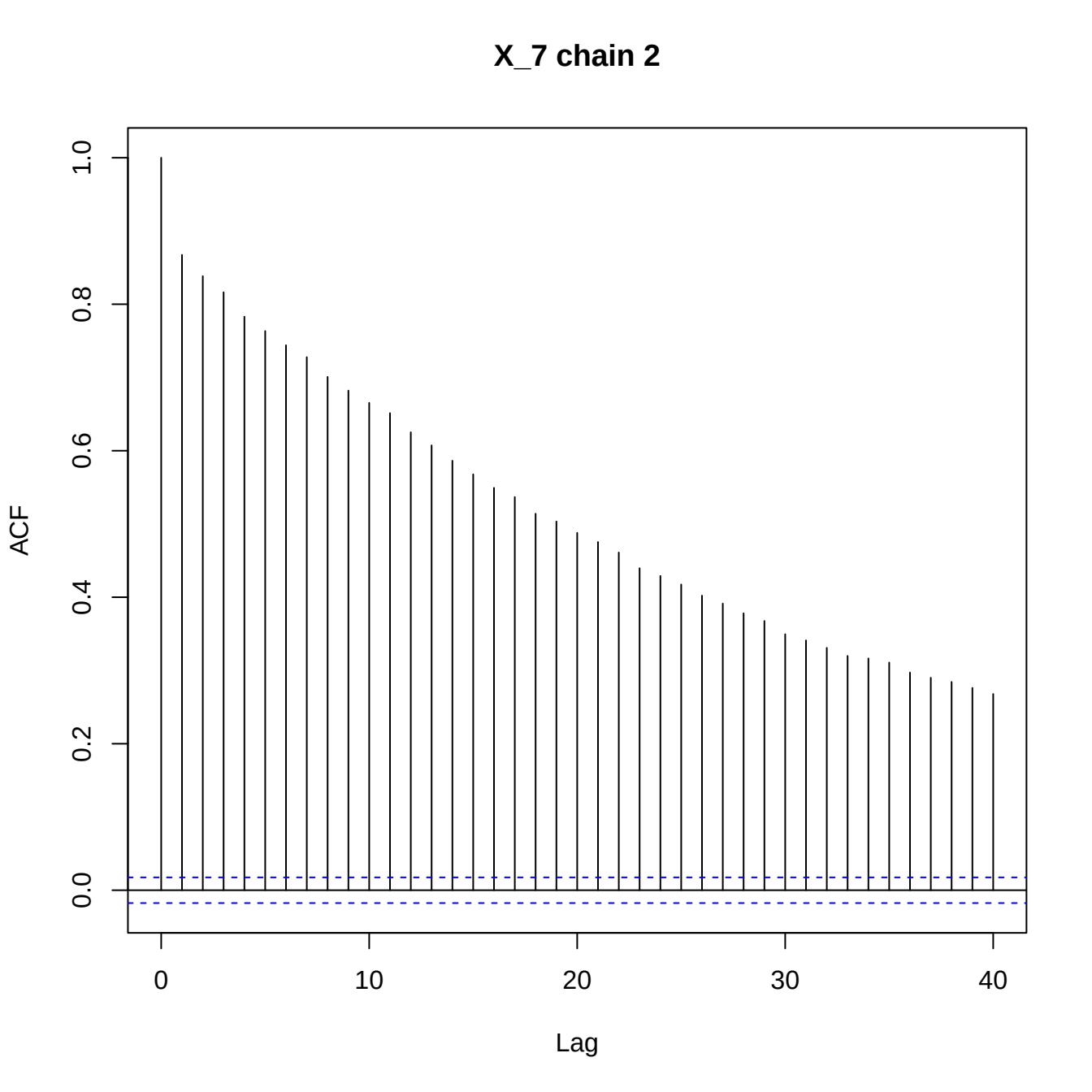
Lag


X_7 chain 2
ACF
1.0
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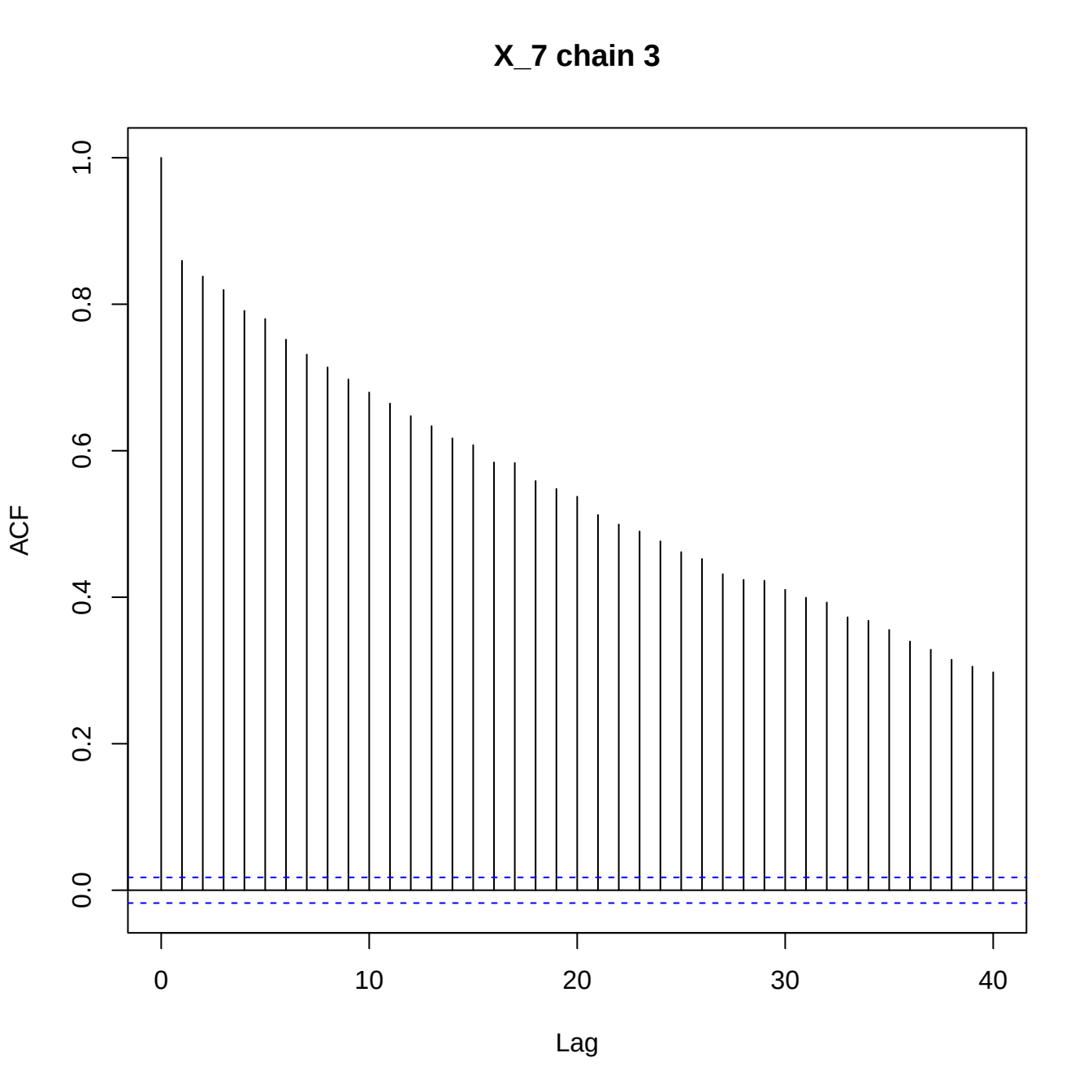
Lag


X_7 chain 3
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1.0
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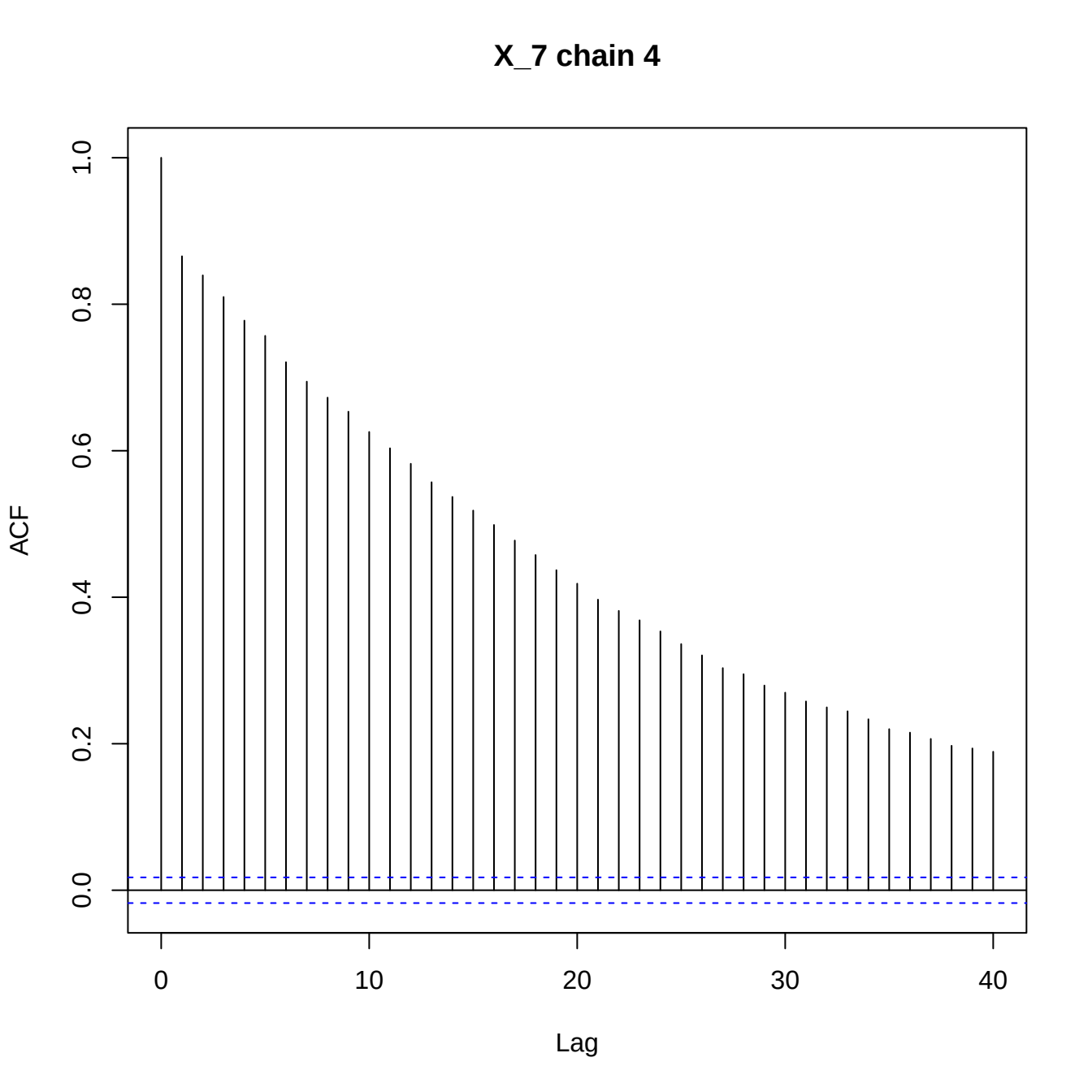
Lag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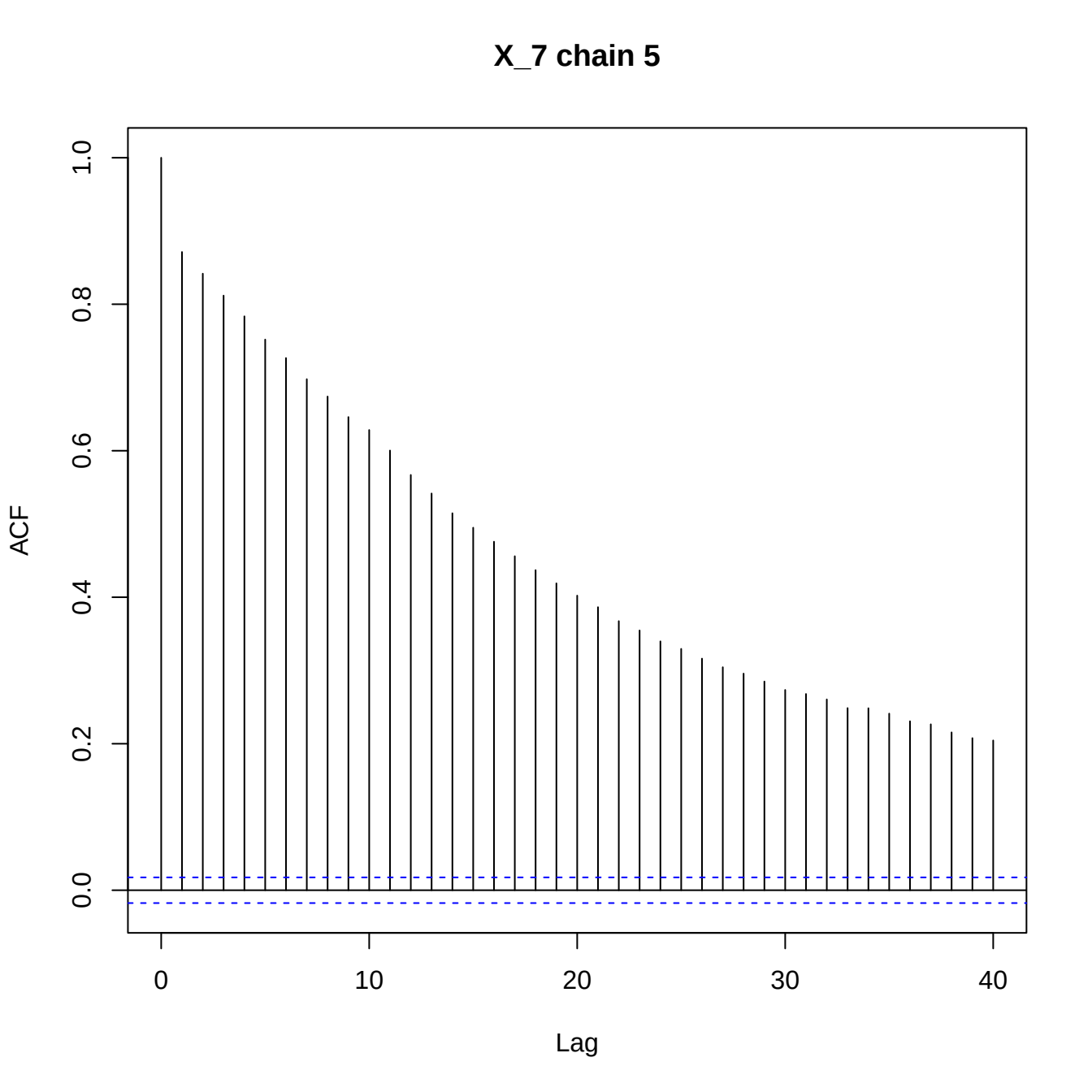
Lag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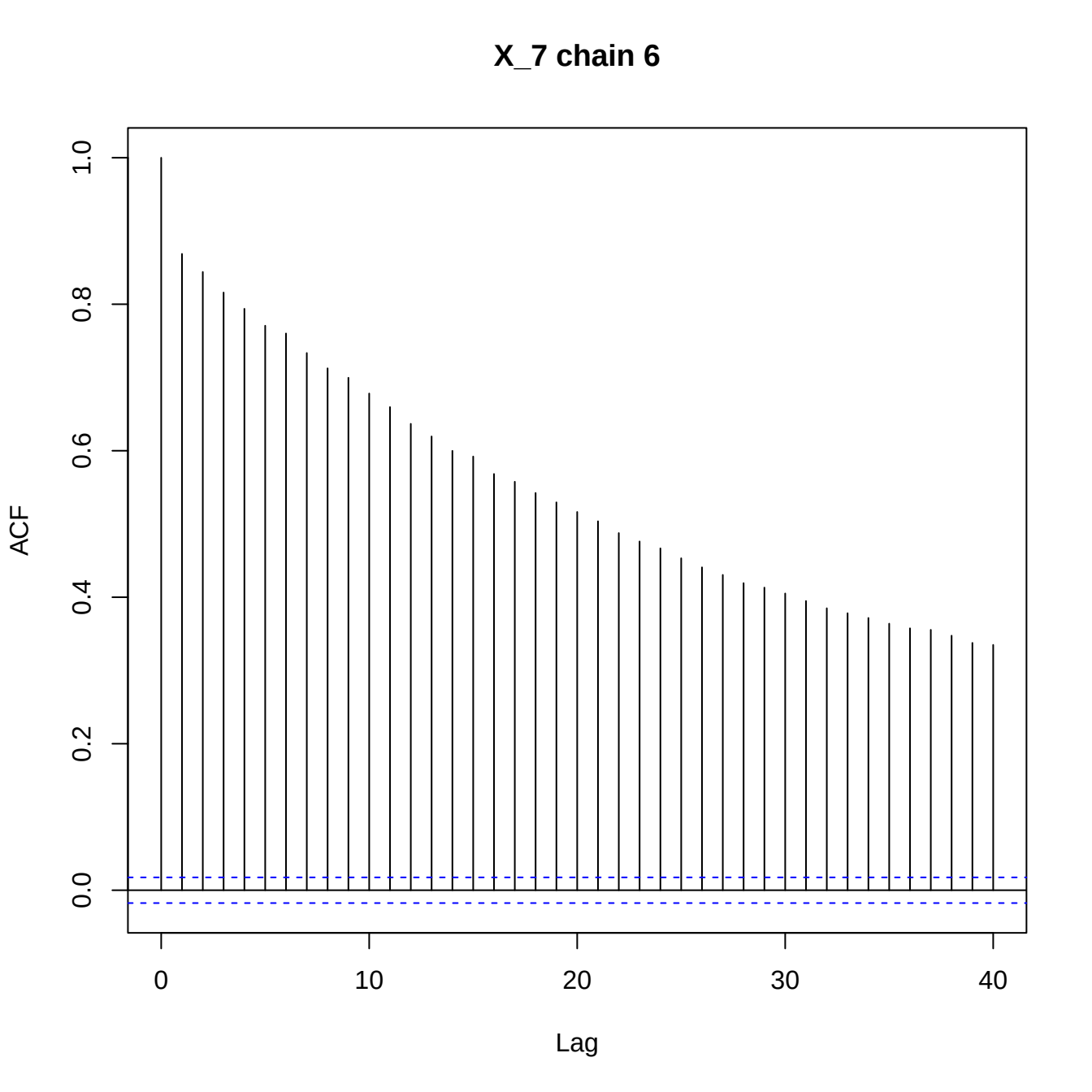
Lag


X_7 chain 6
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0.8
0.6
0.4
0.2
0.0
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20
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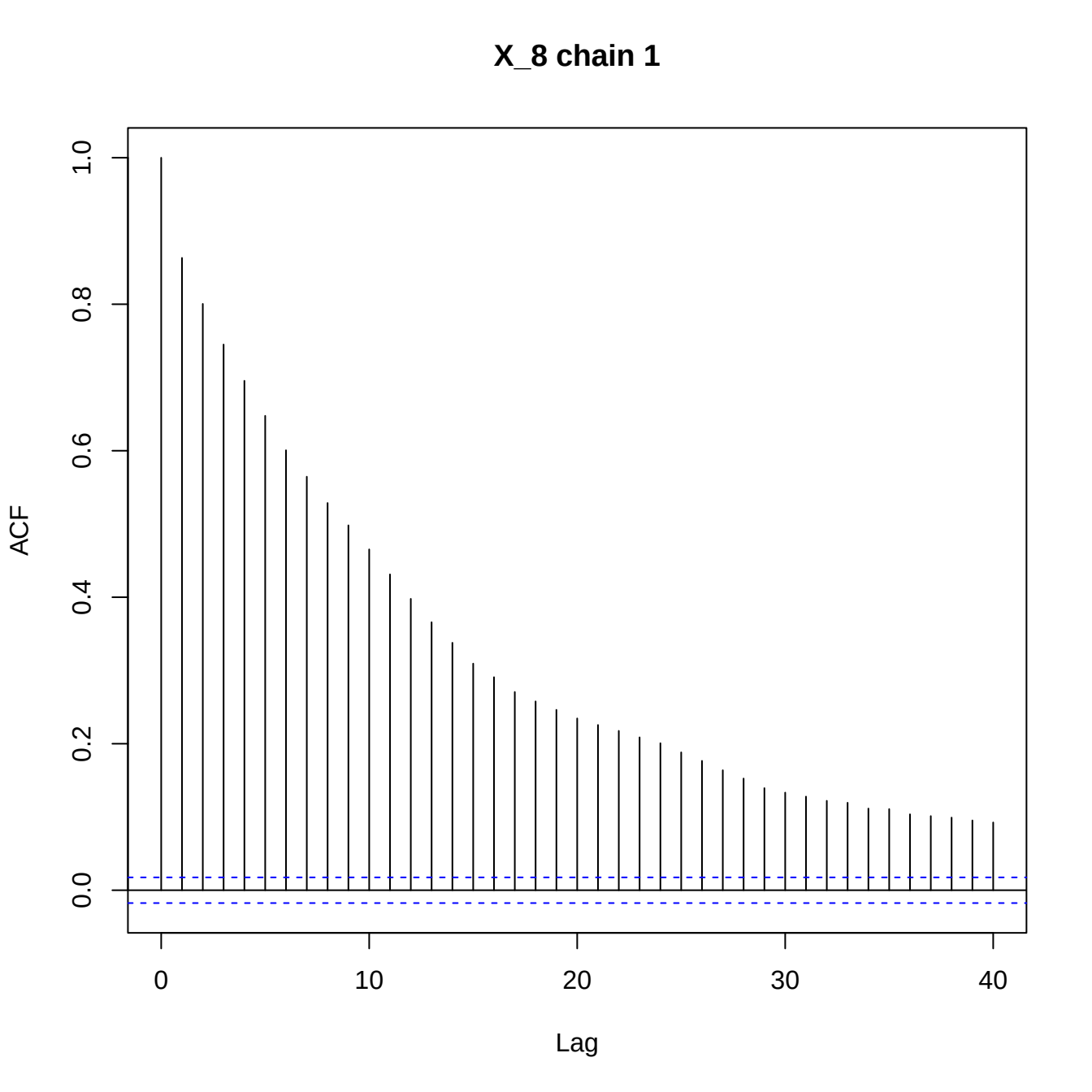
Lag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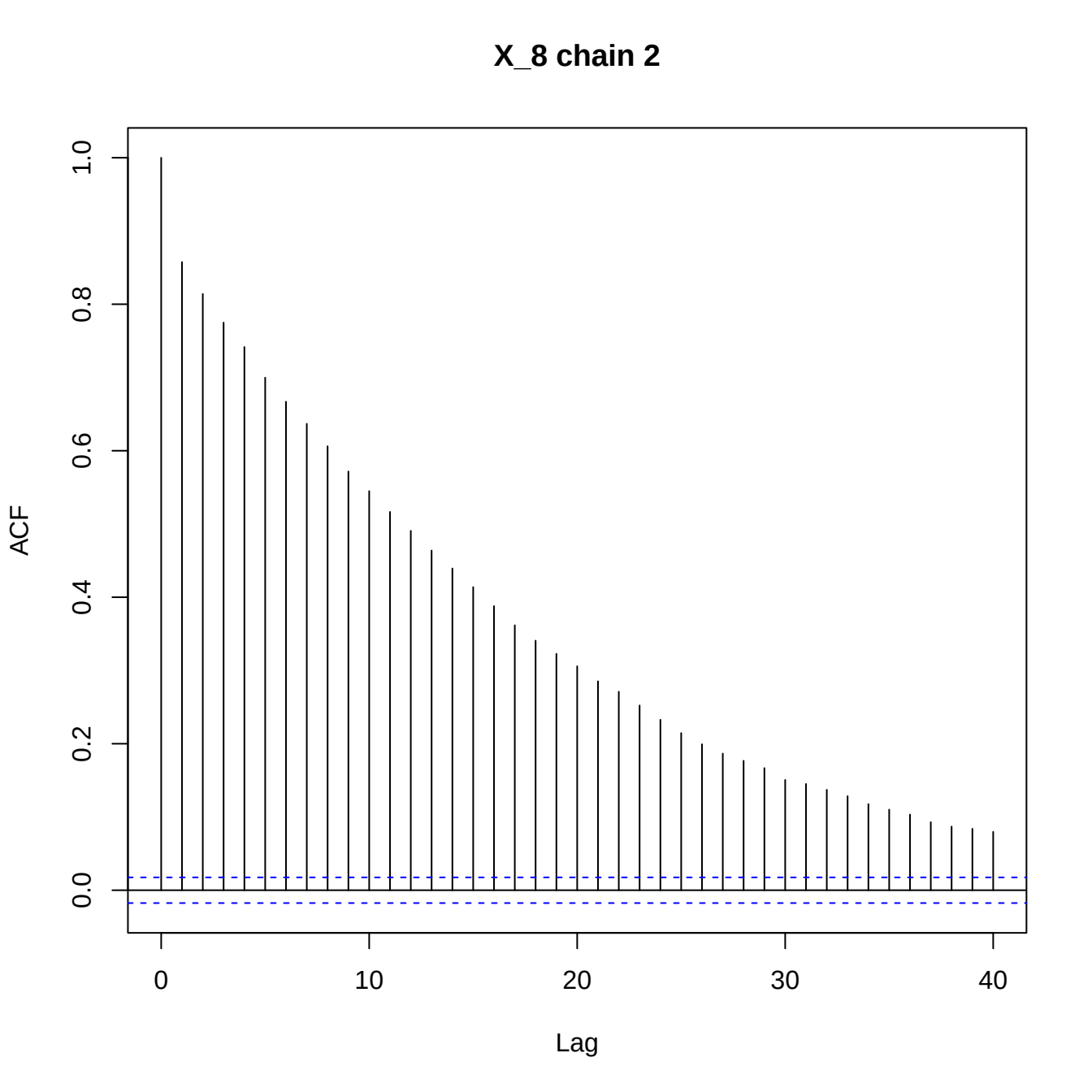
Lag


X_8 chain 2
ACF
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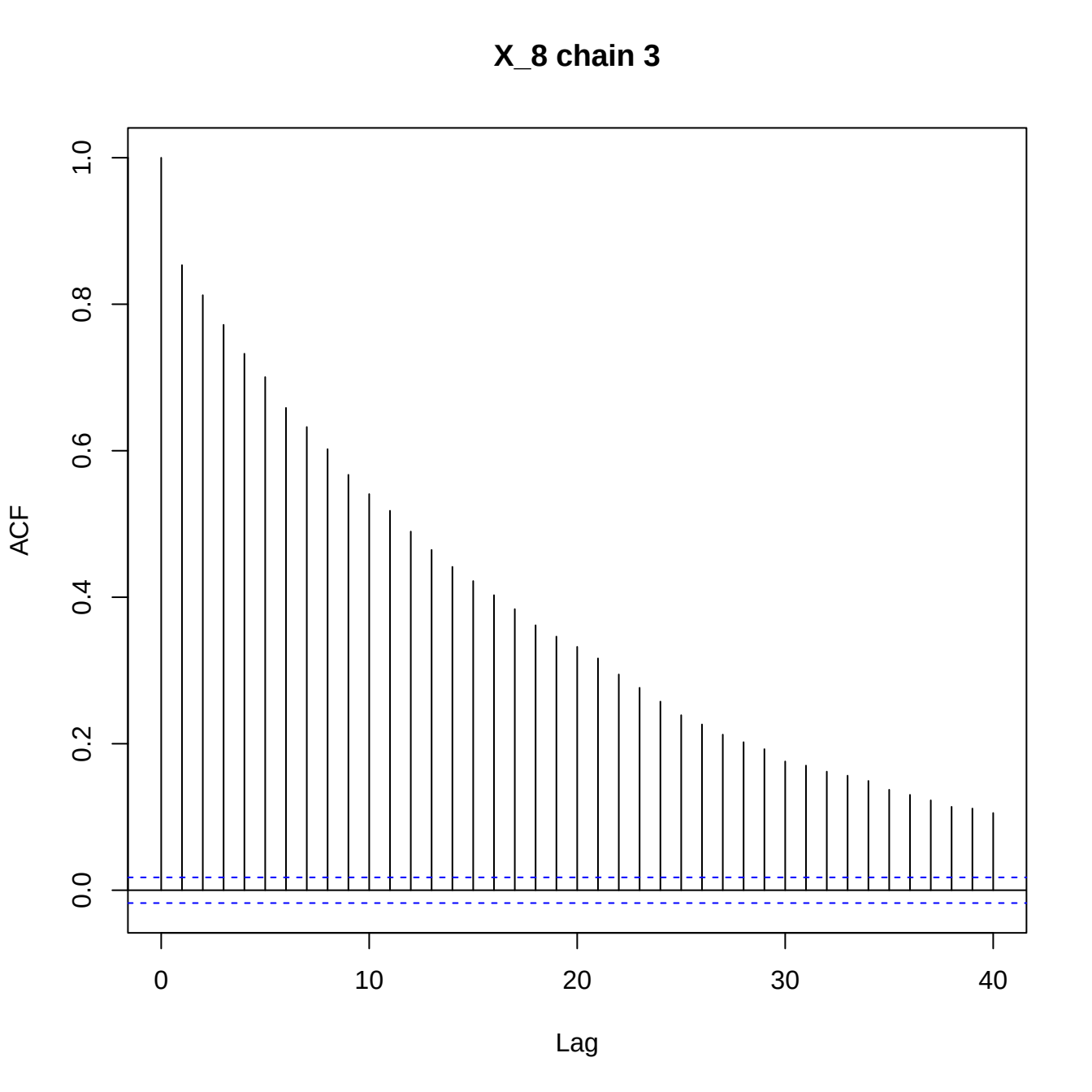
Lag


X_8 chain 3
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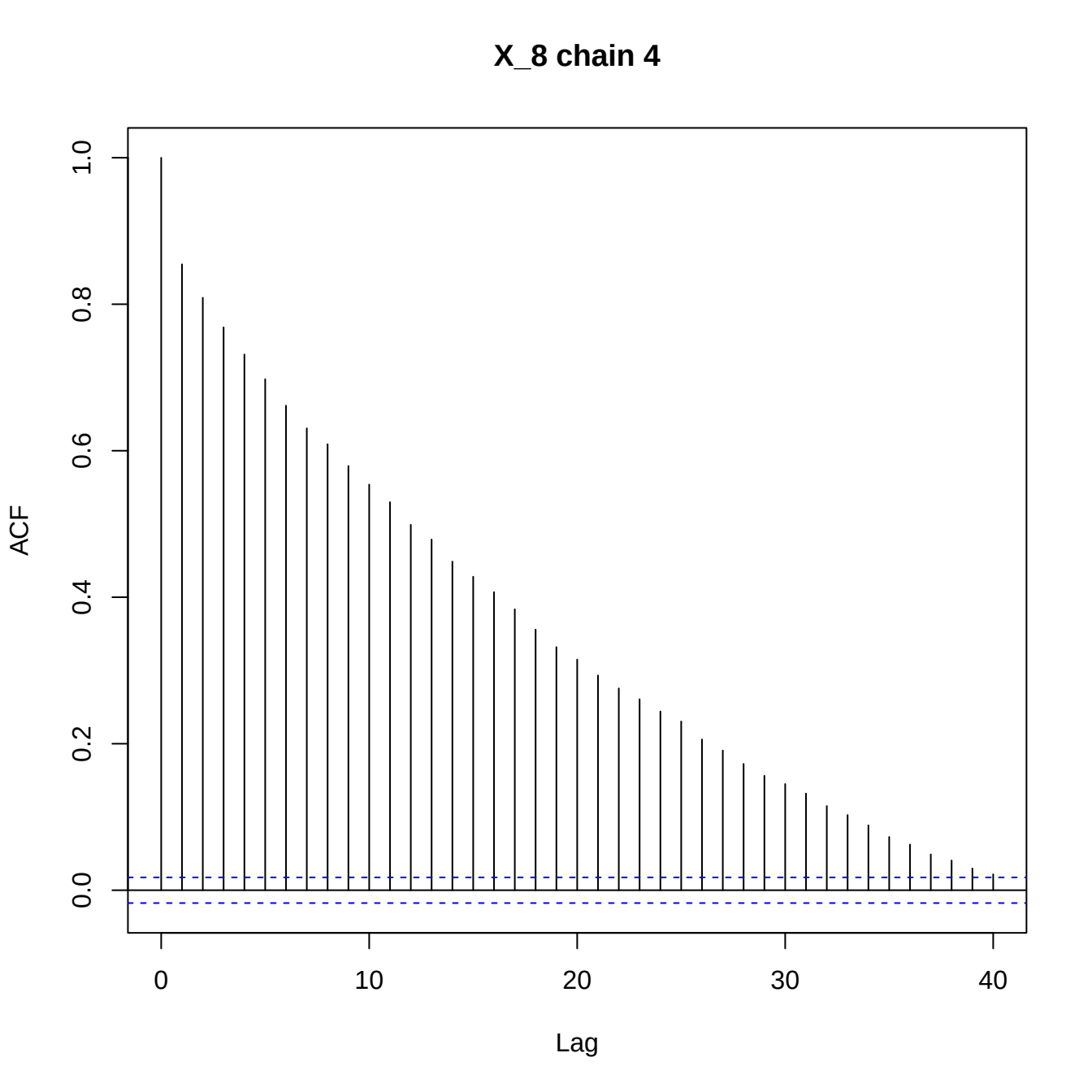
Lag


X_8 chain 4
ACF
1.0
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0.0
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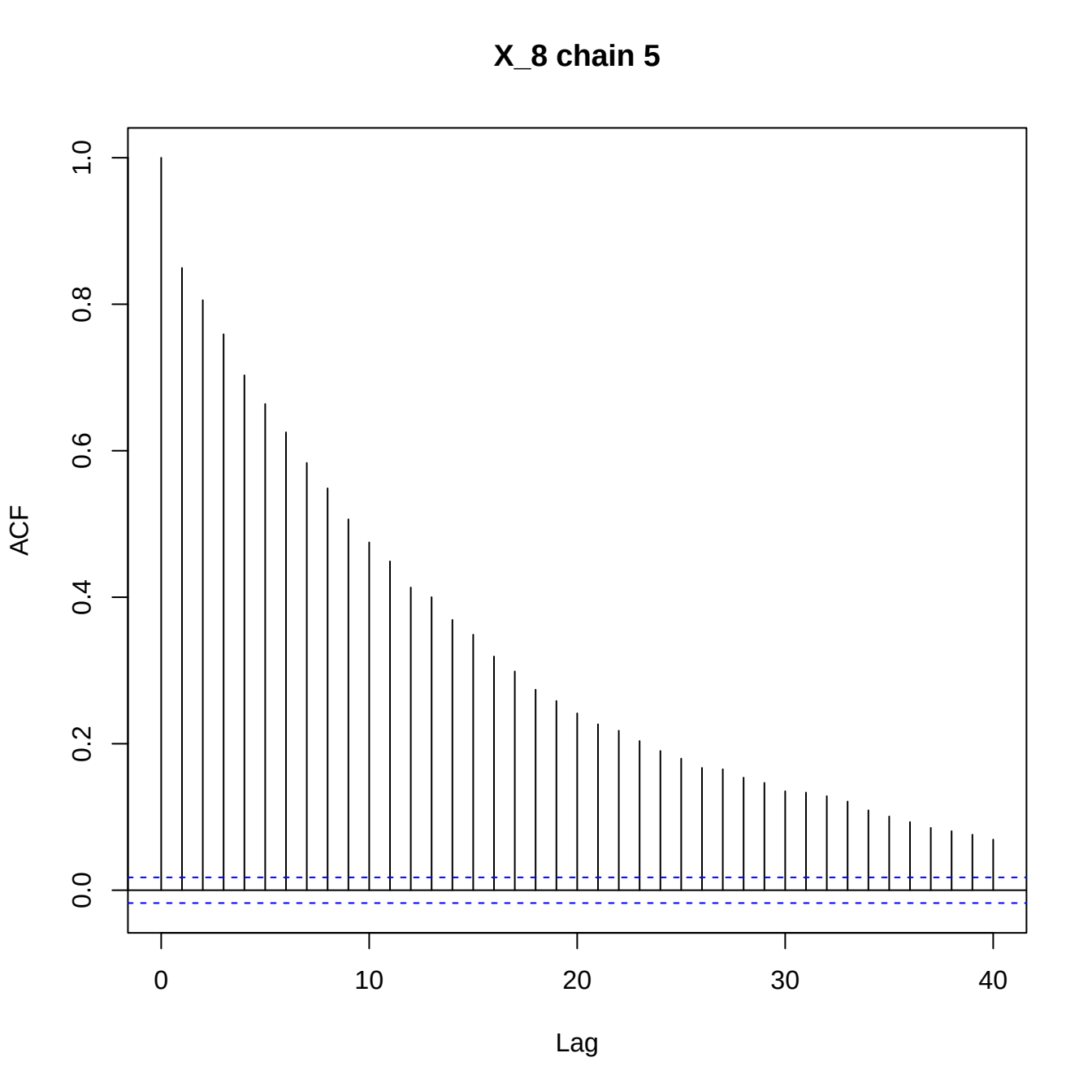
Lag


X_8 chain 5
ACF
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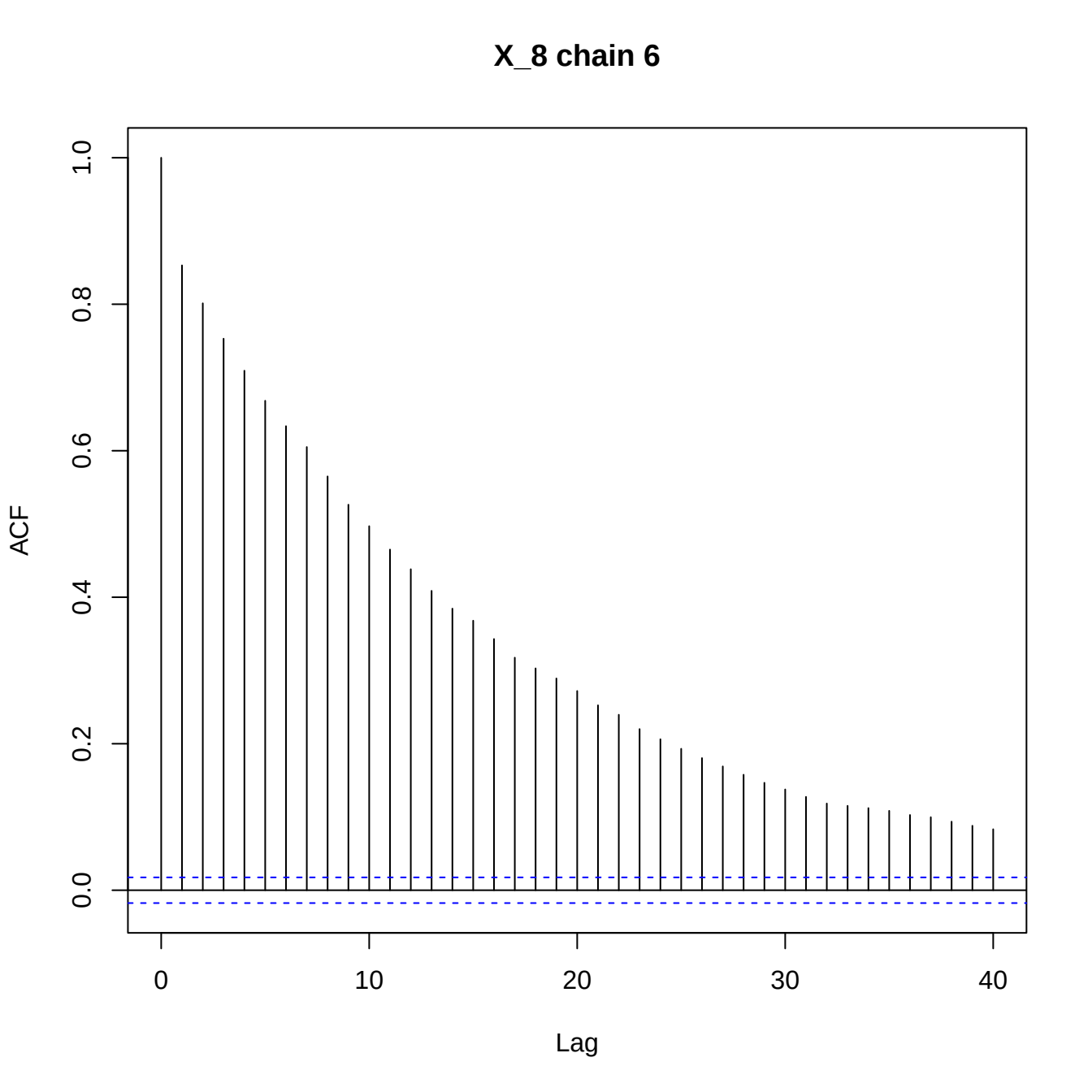
Lag


X_8 chain 6
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0.0
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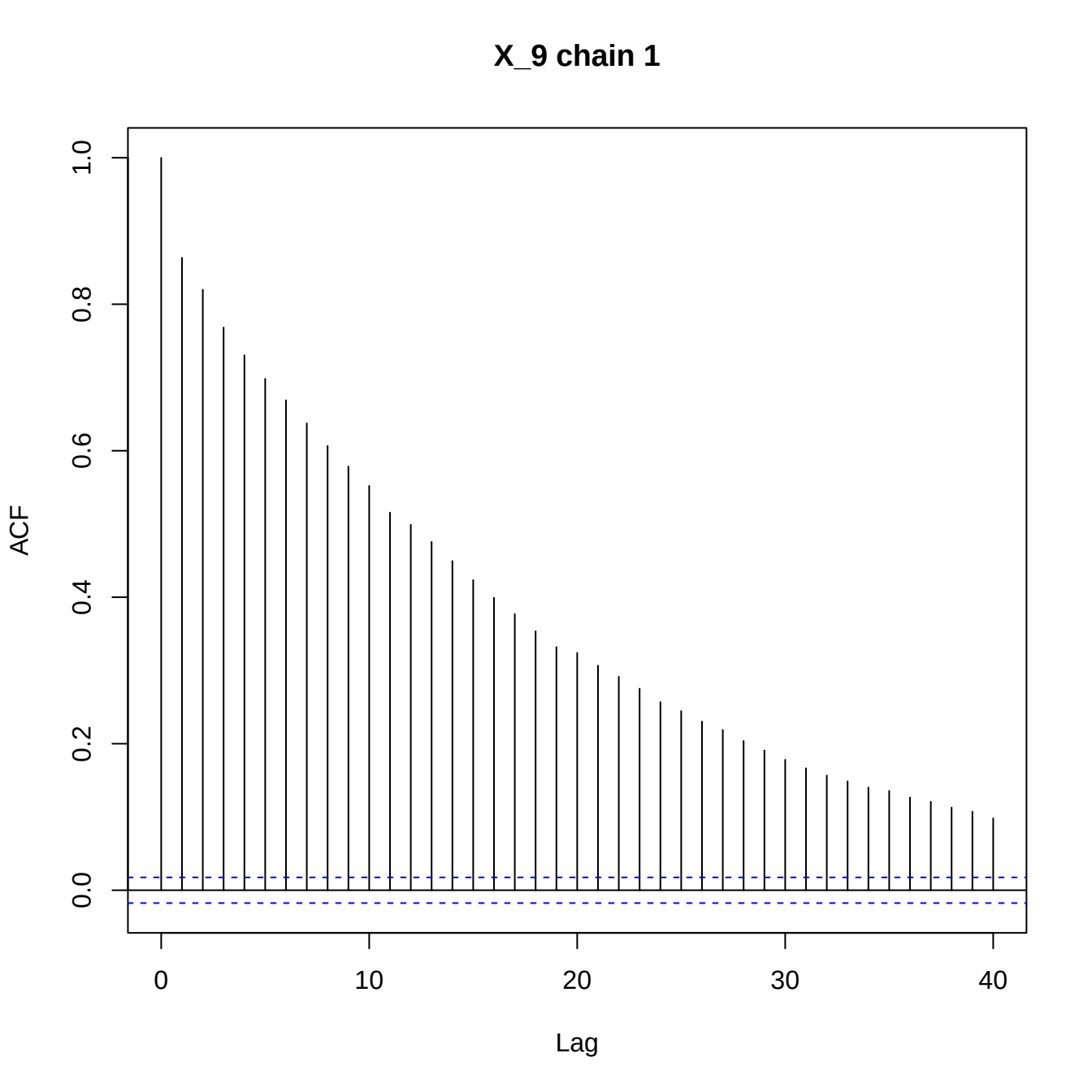
Lag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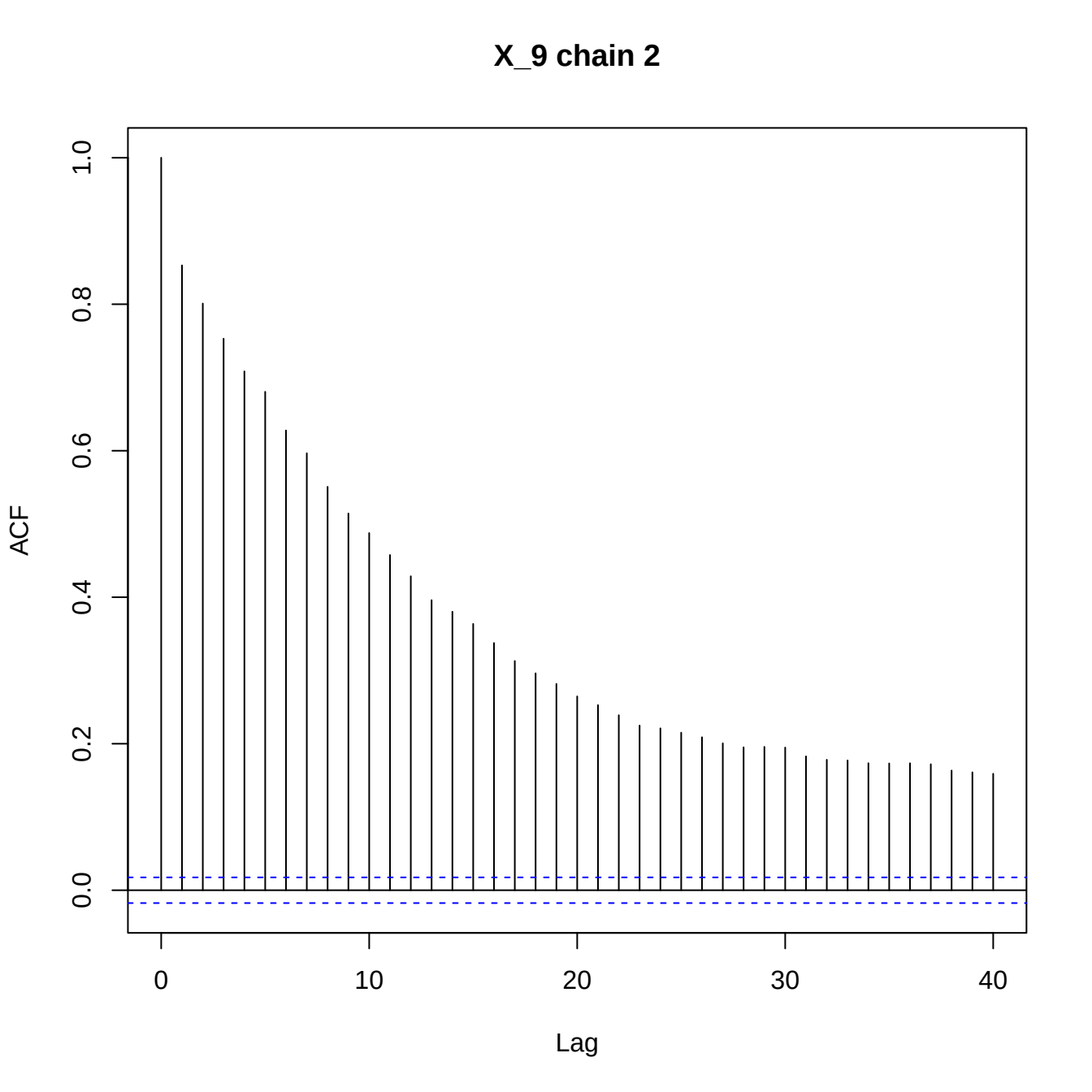
Lag


X_9 chain 2
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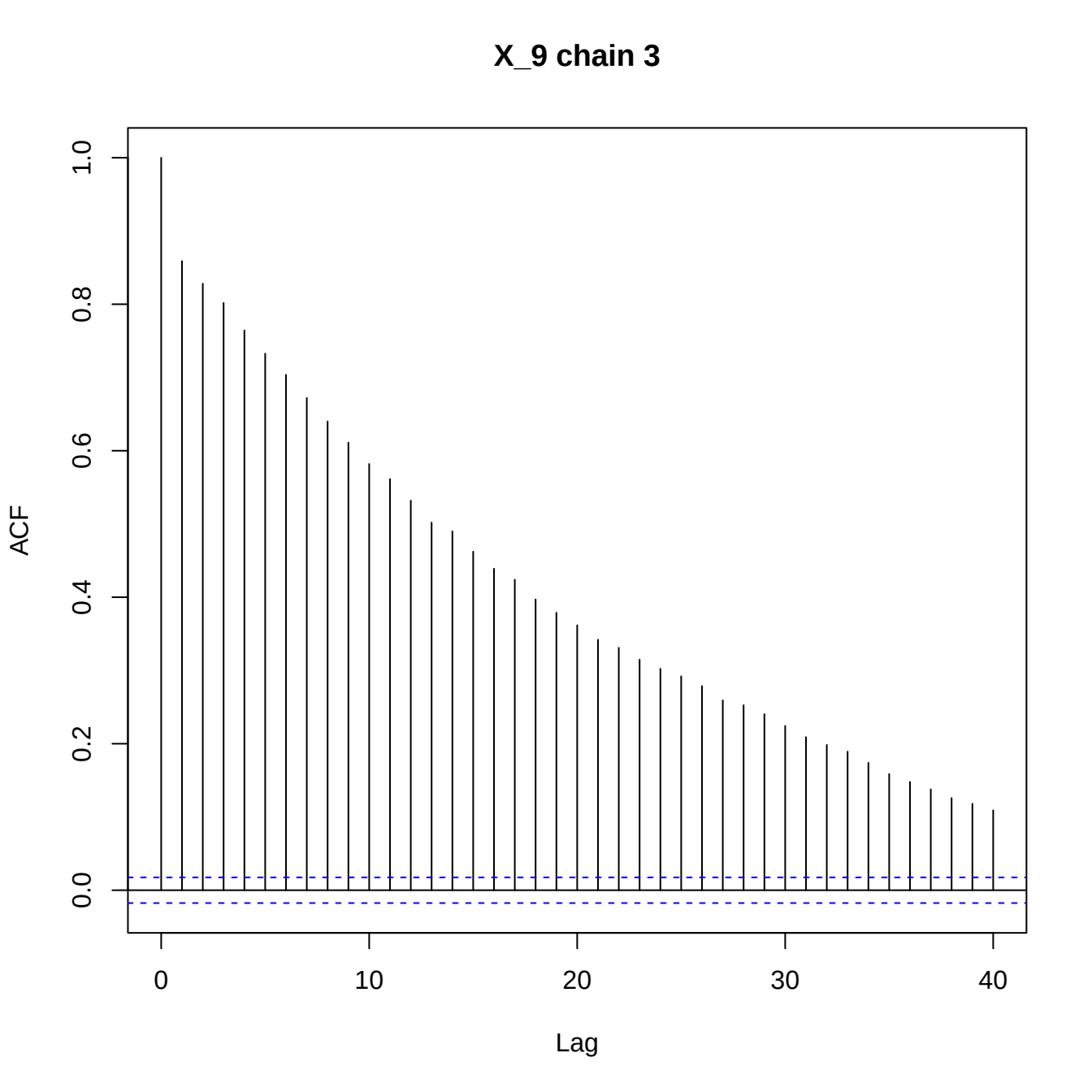
Lag


X_9 chain 3
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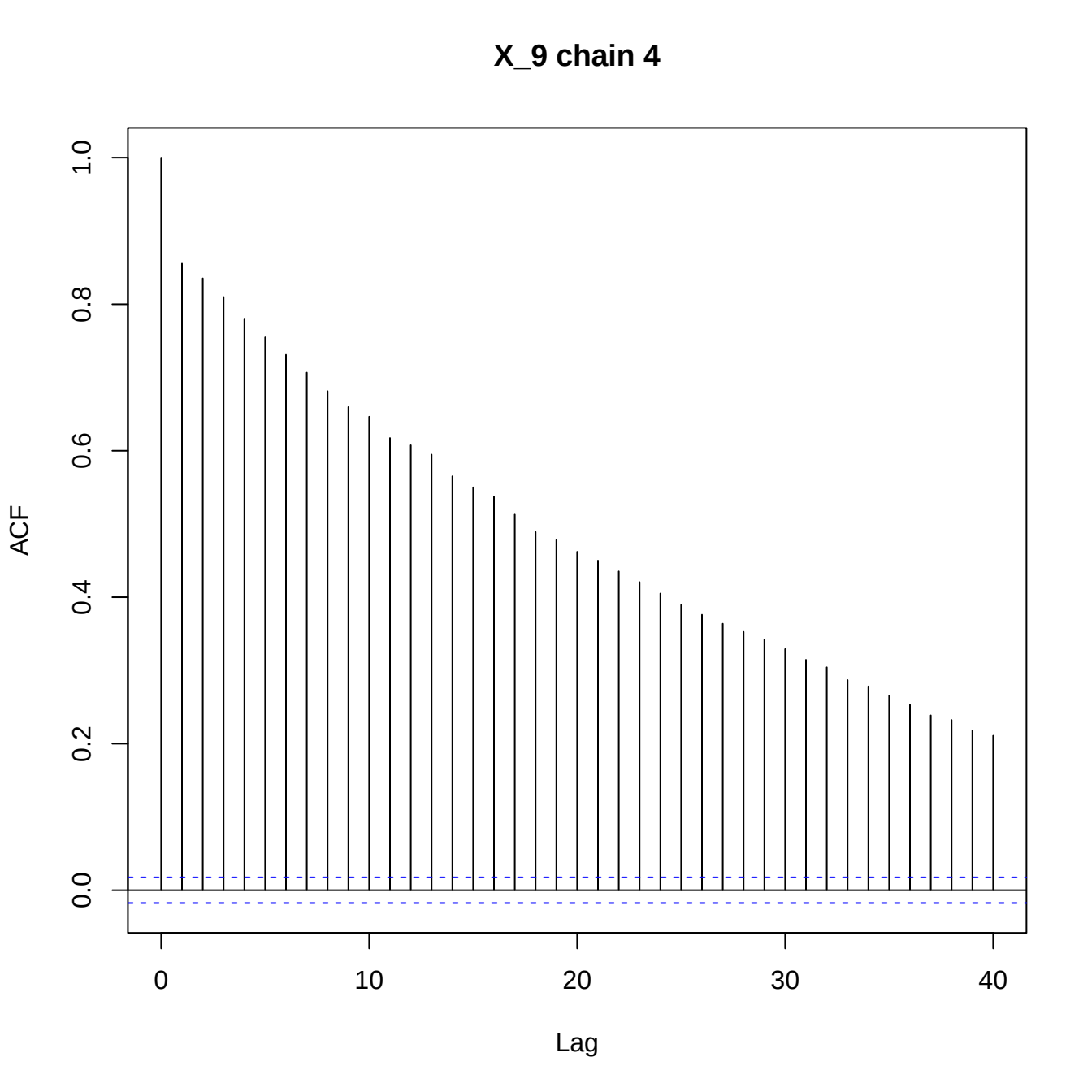
Lag


X_9 chain 4
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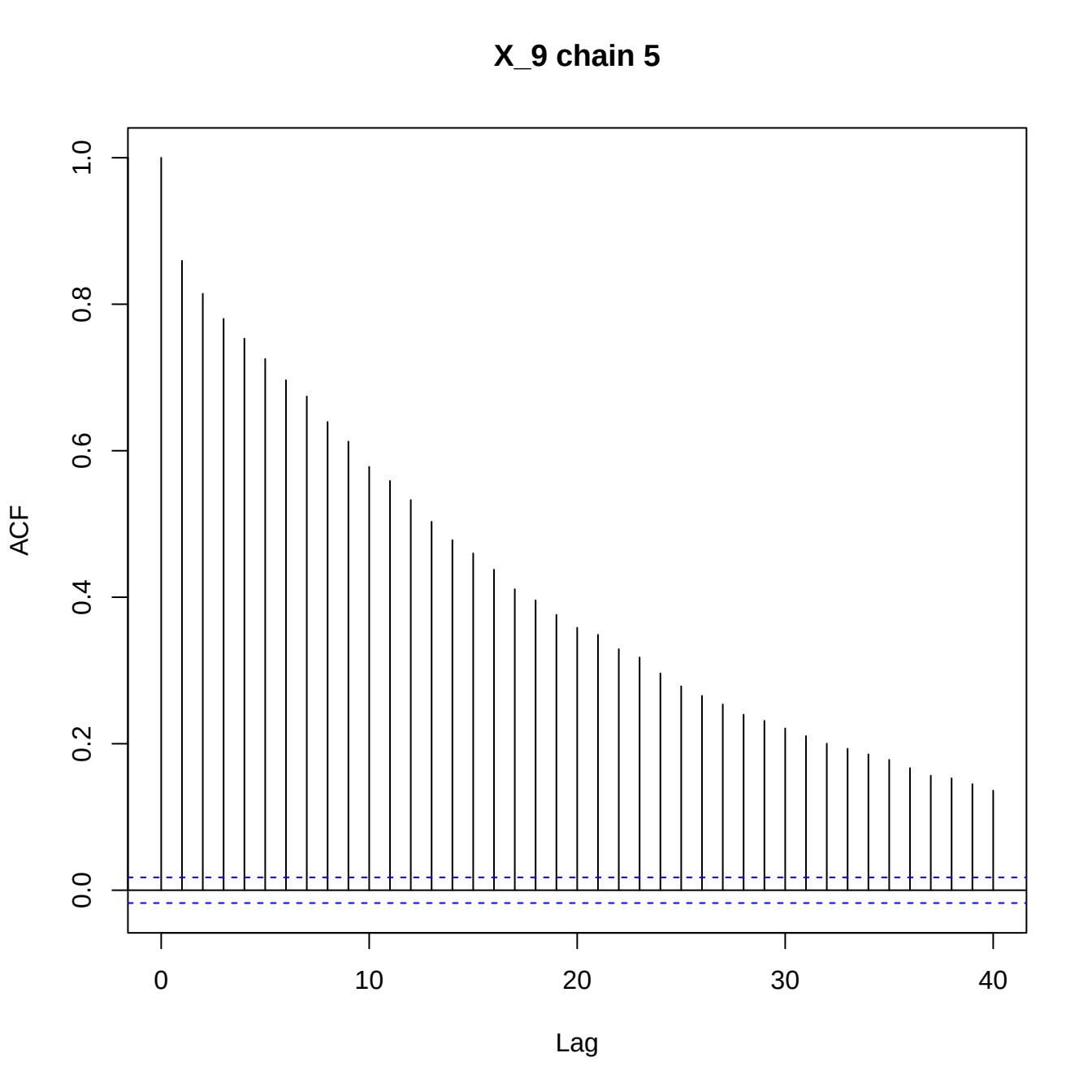
Lag


X_9 chain 5
ACF
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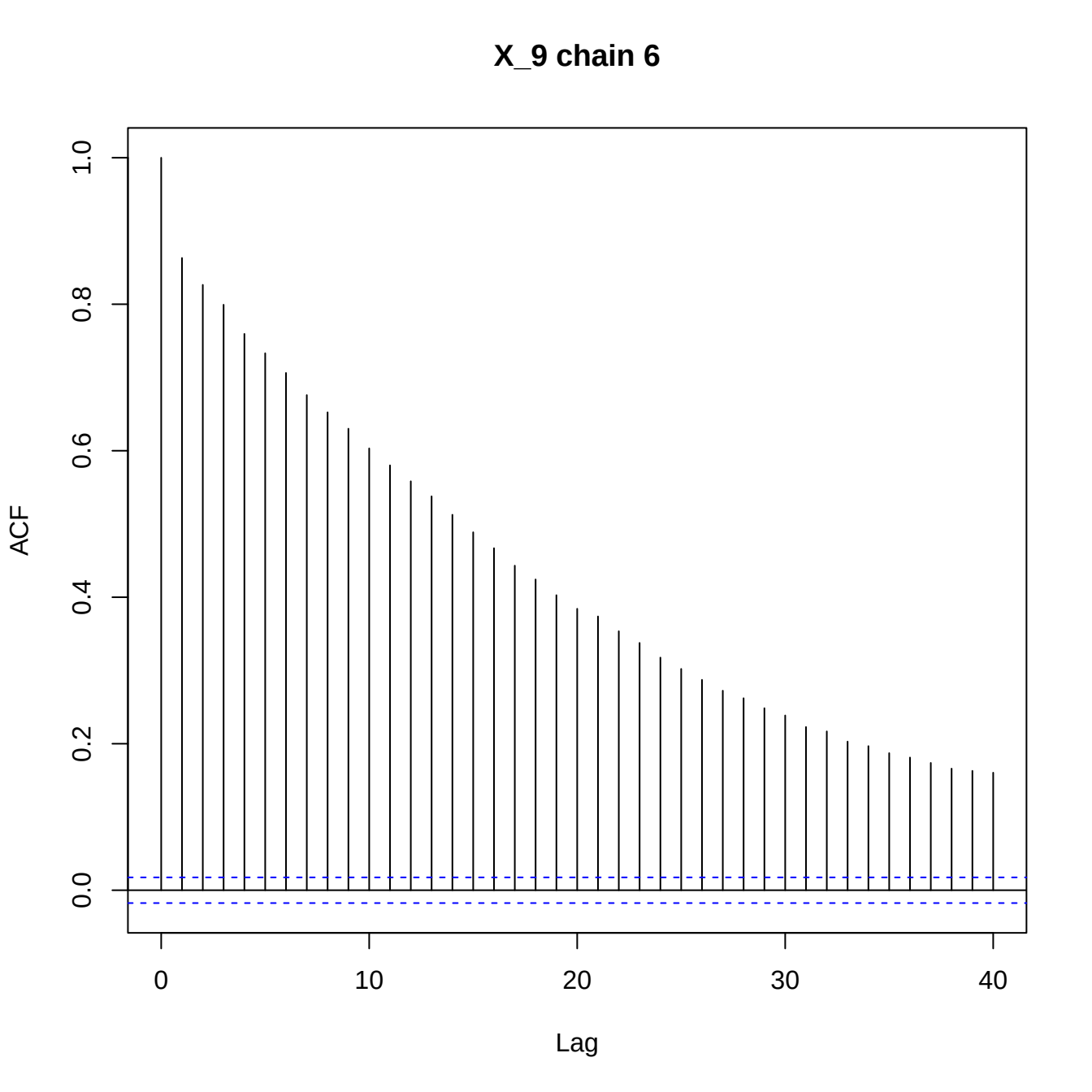
Lag


X_9 chain 6
ACF
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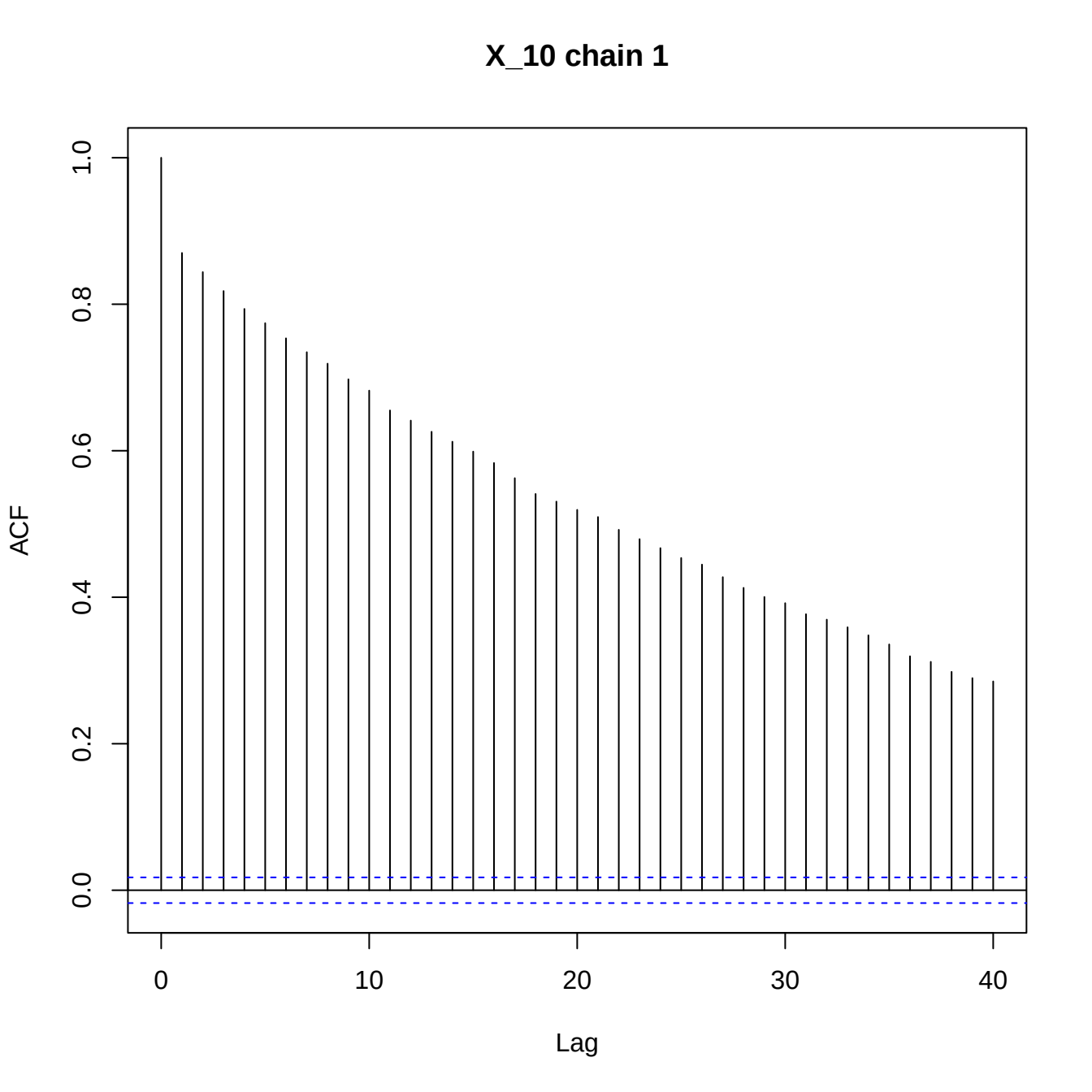
Lag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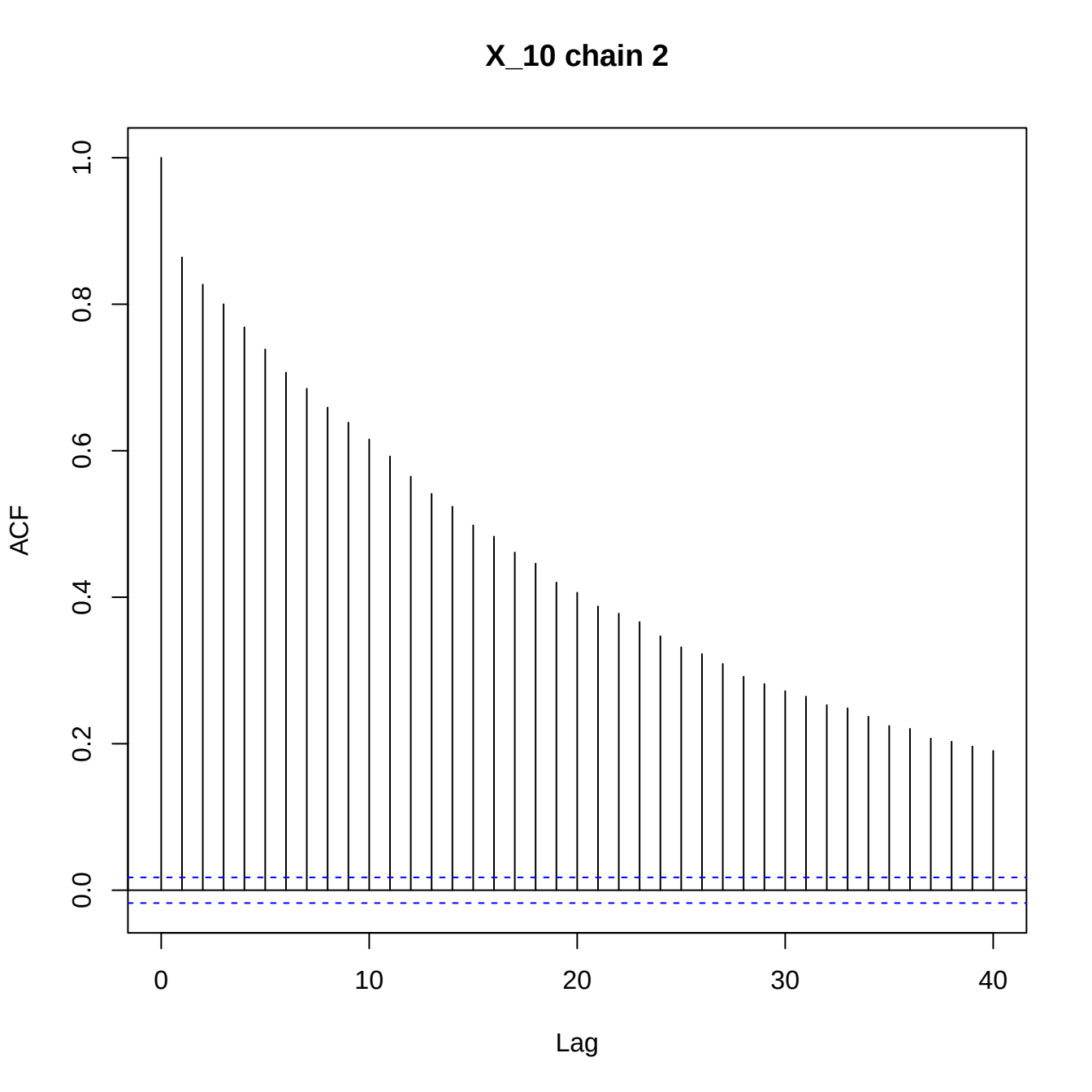
Lag


X_10 chain 2
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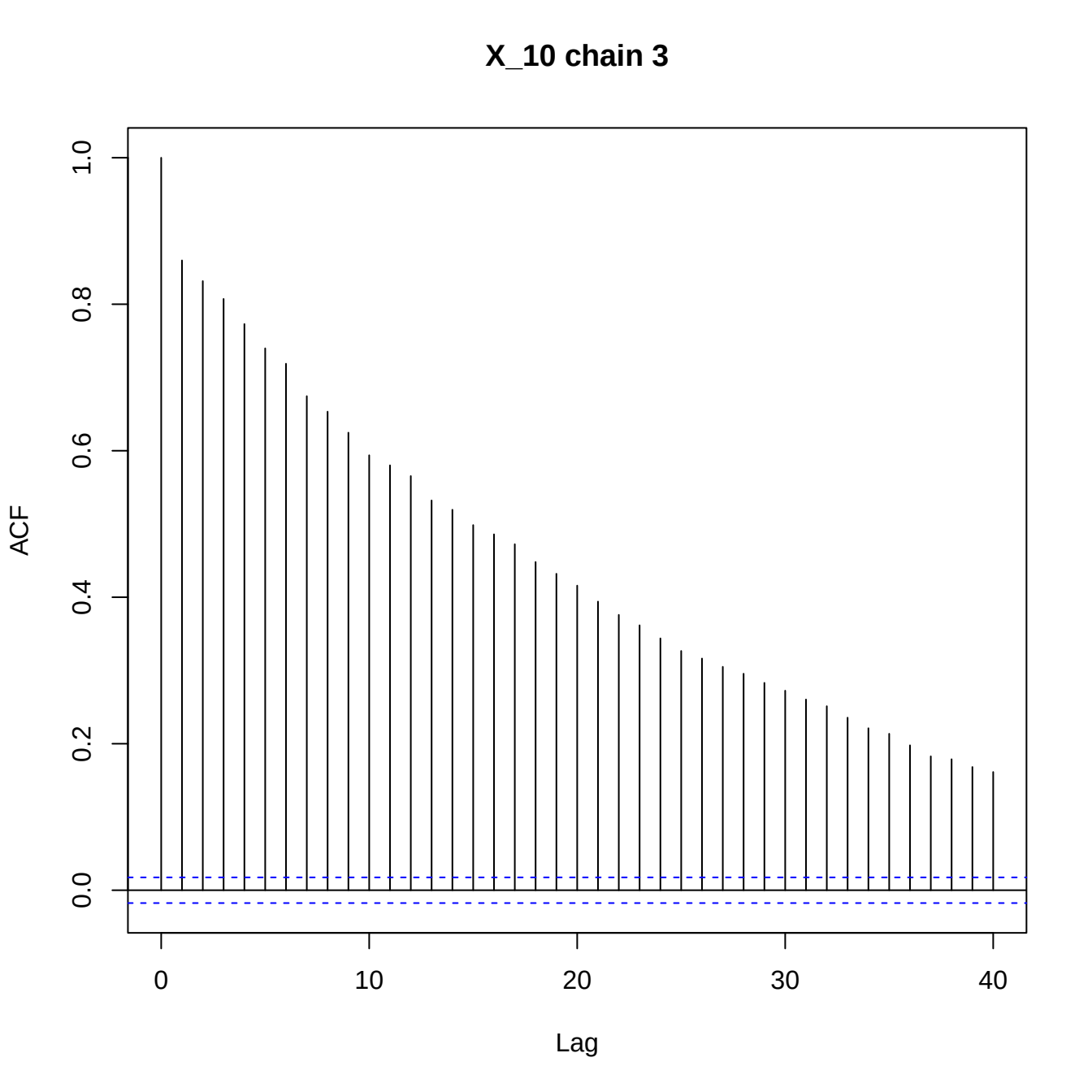
Lag


X_10 chain 3
ACF
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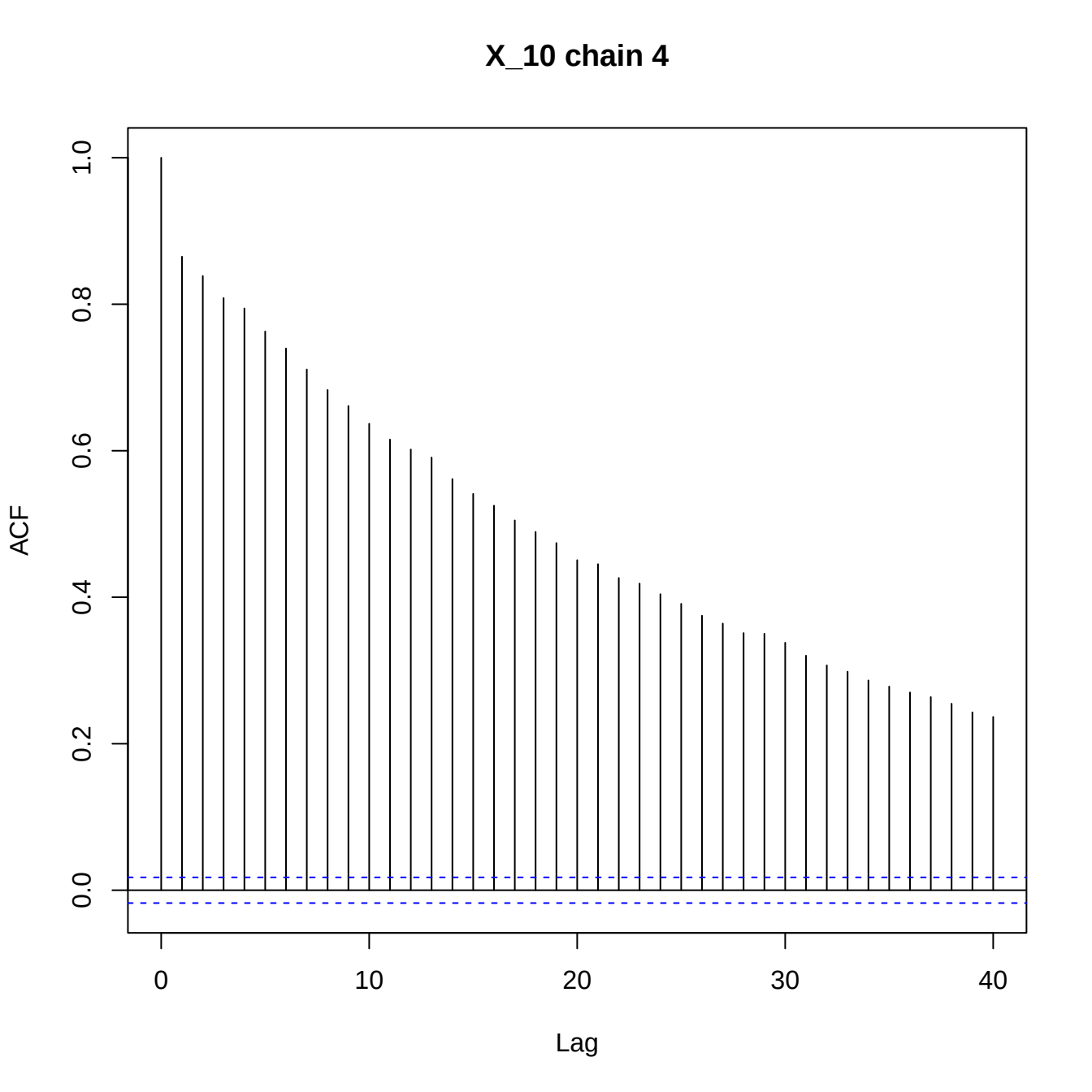
Lag


X_10 chain 4
ACF
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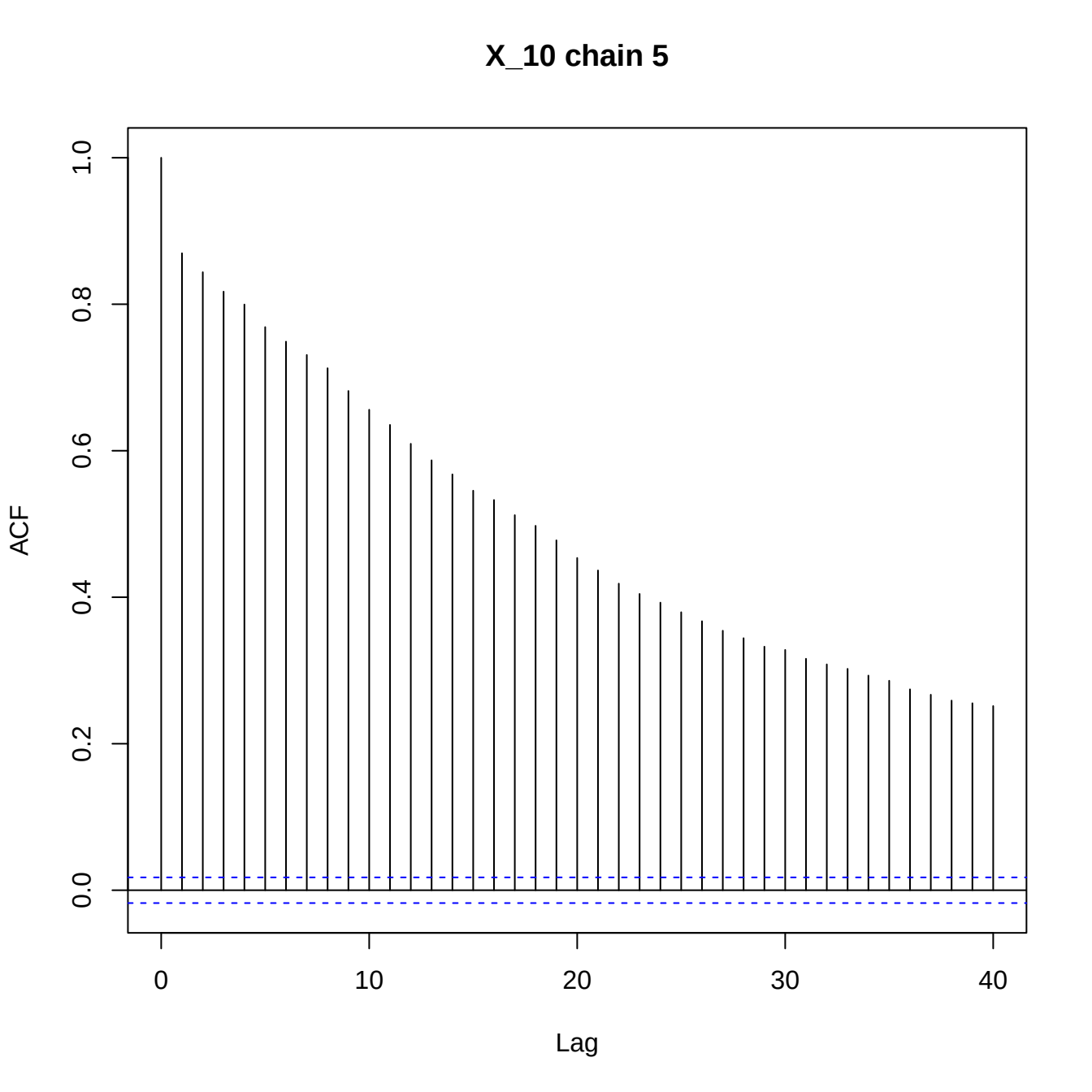
Lag


X_10 chain 5
ACF
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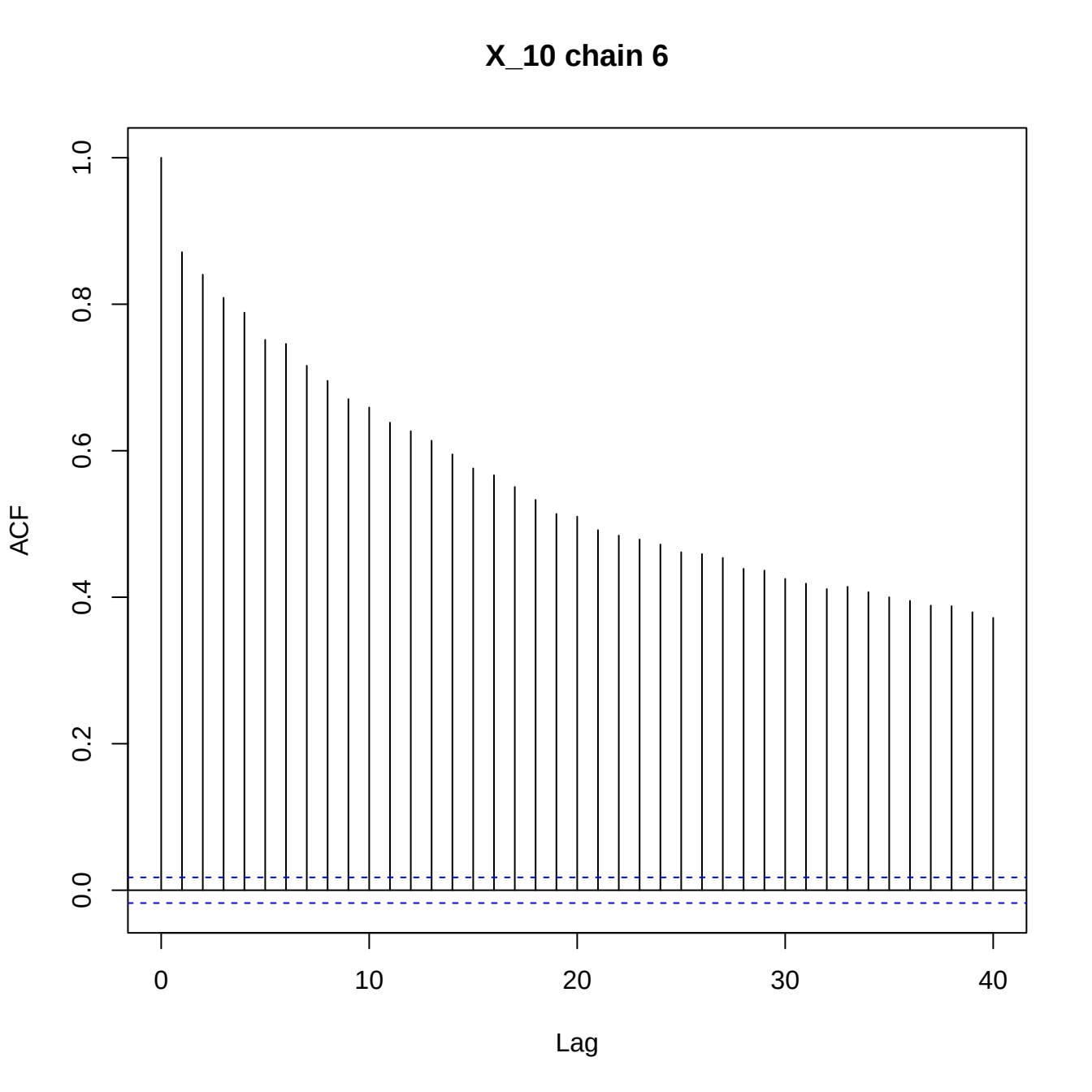
Lag


X_10 chain 6
ACF
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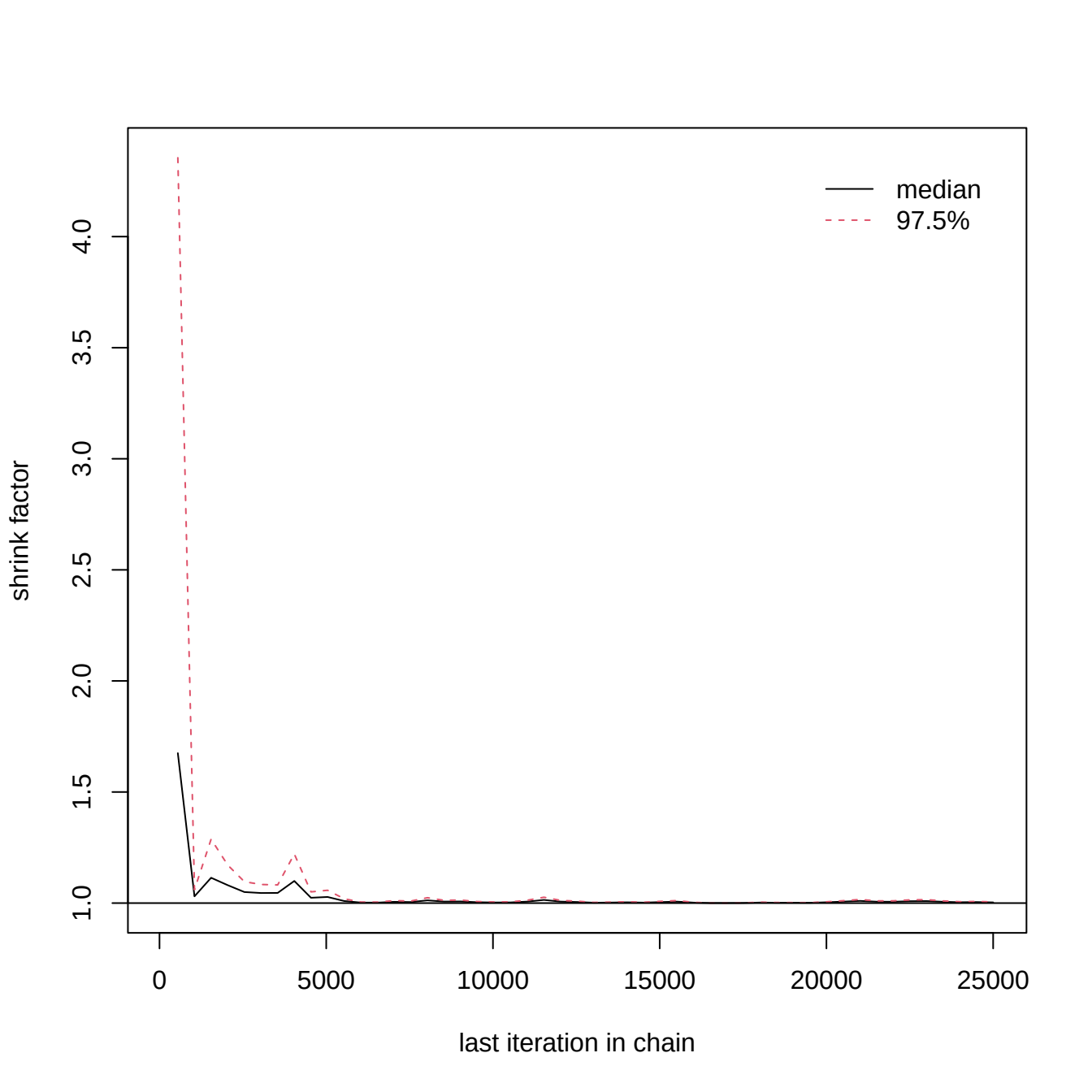
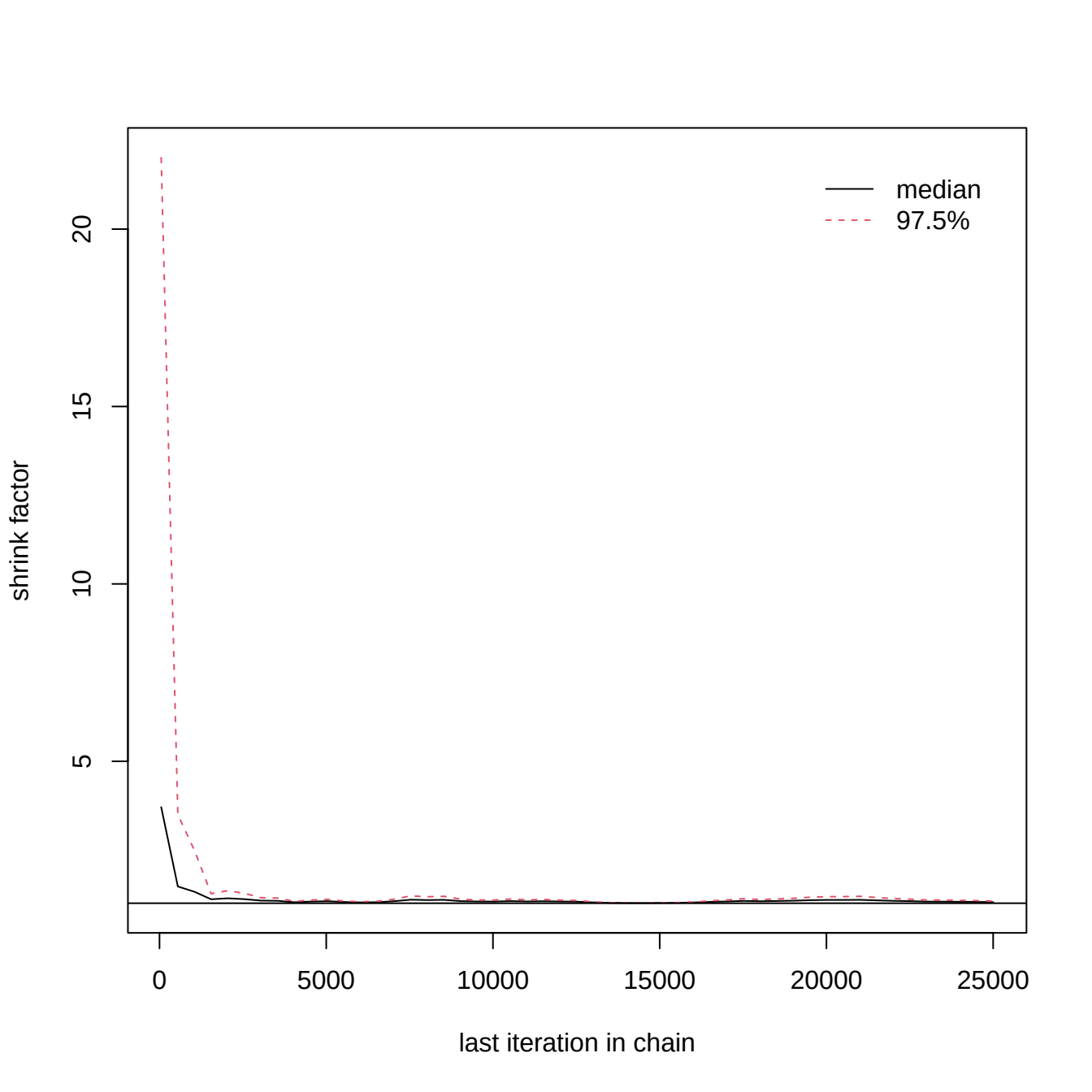
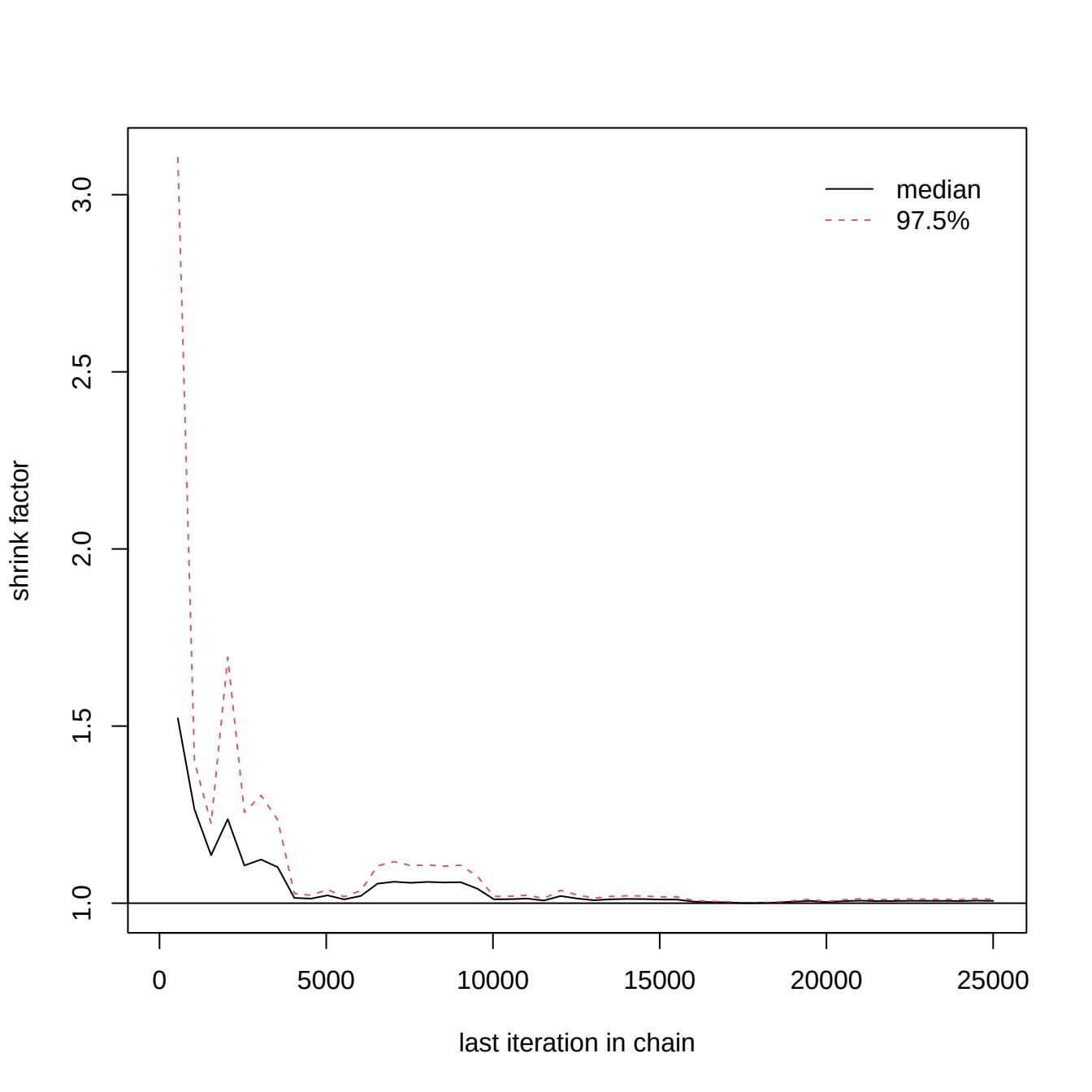
Lag


median
97.5%
shrink factor
1.0
1.5
2.0
2.5
3.0
3.5
4.0
0
5000
10000
15000
20000
25000
last iteration in chain


median
97.5%
shrink factor
5
10
15
20
0
5000
10000
15000
20000
25000
last iteration in chain


median
97.5%
shrink factor
1.0
1.5
2.0
2.5
3.0
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10000
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20000
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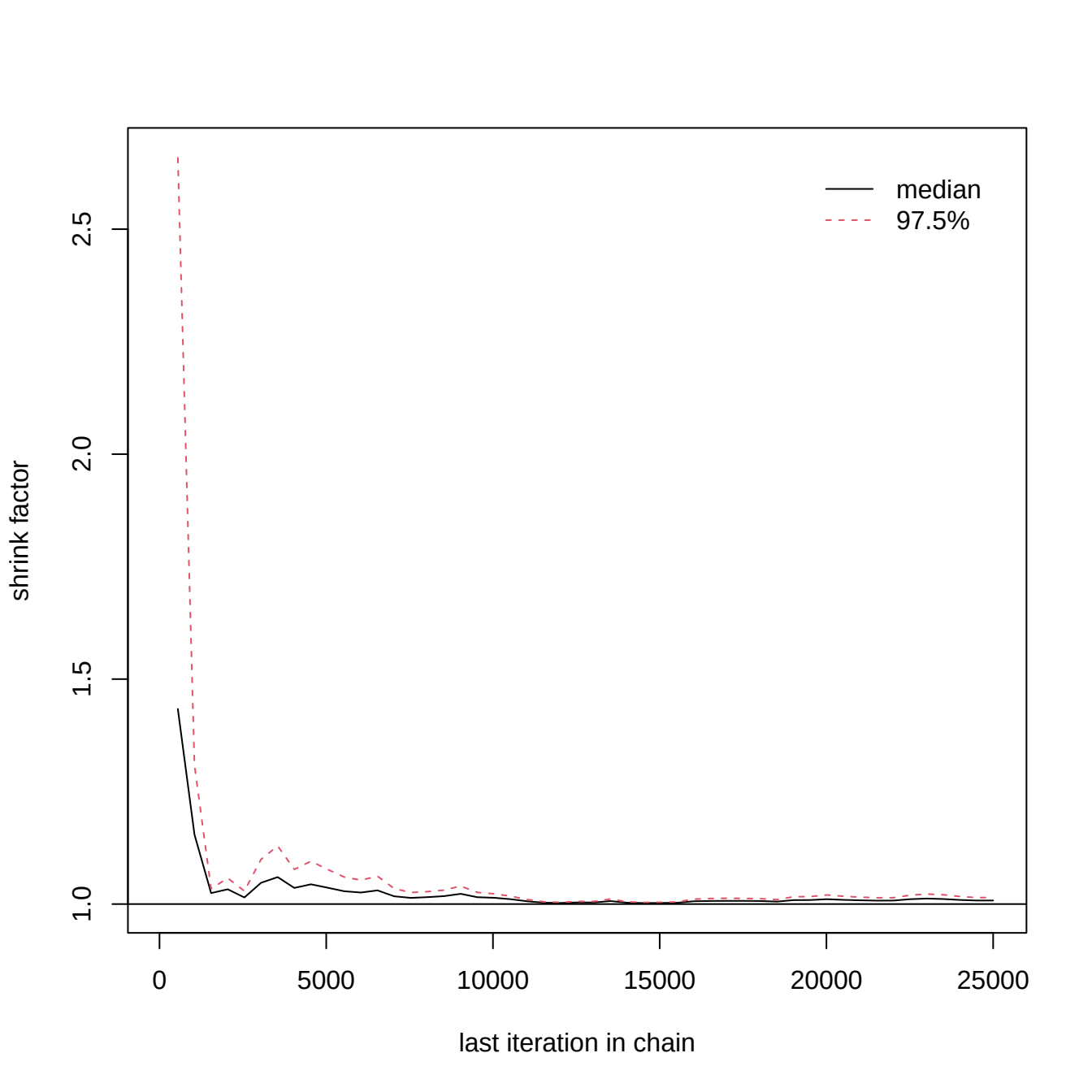
last iteration in chain


median
97.5%
shrink factor
1.0
1.5
2.0
2.5
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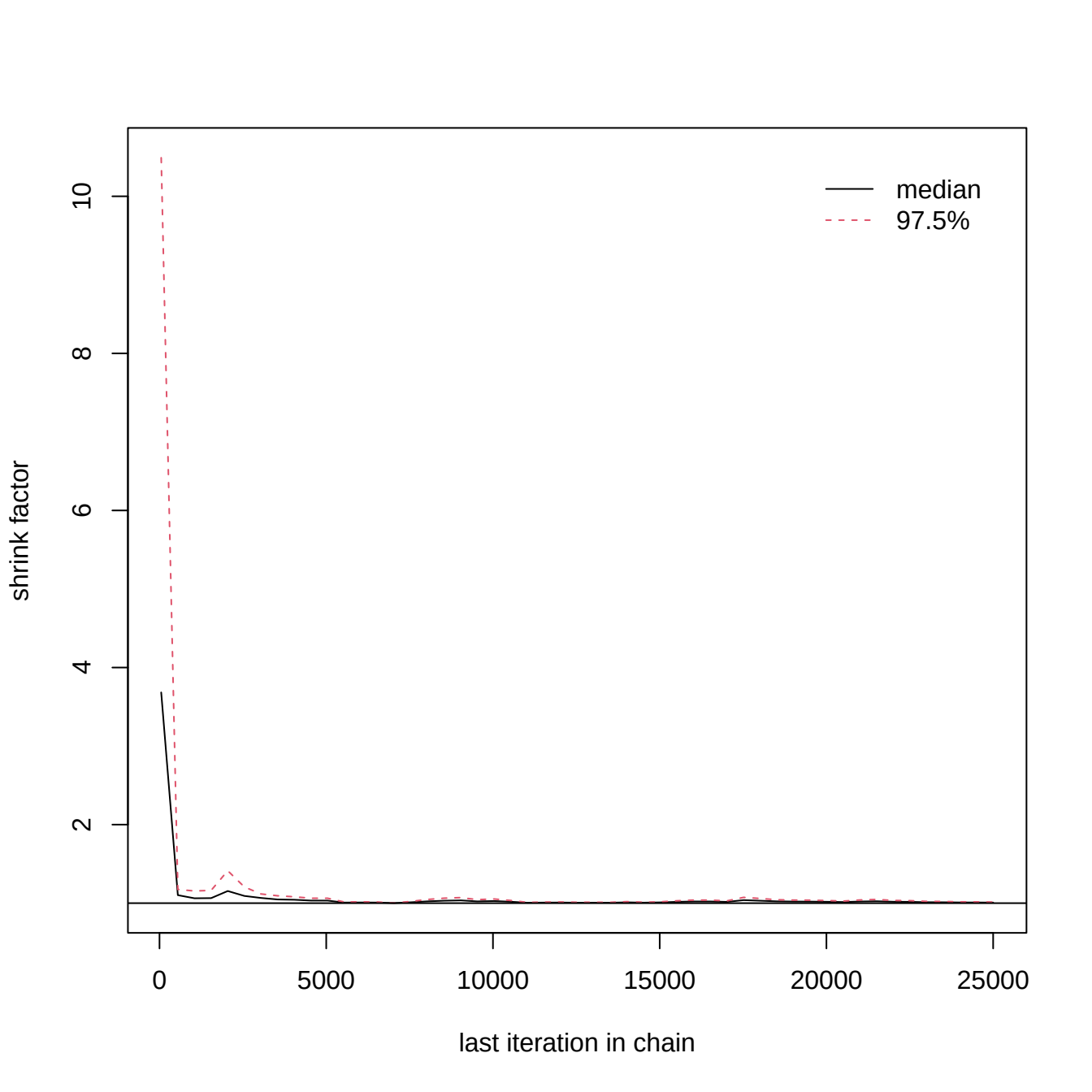
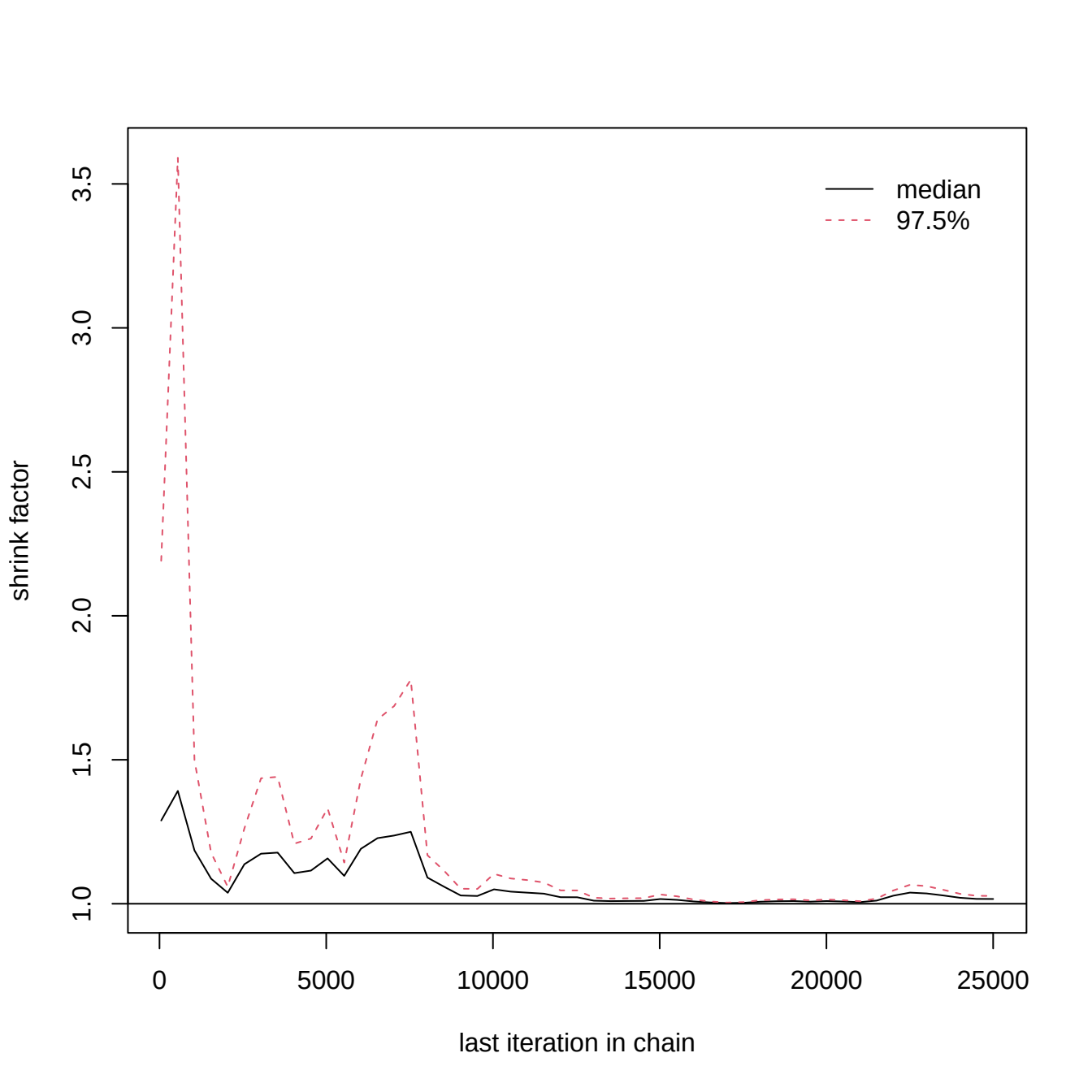
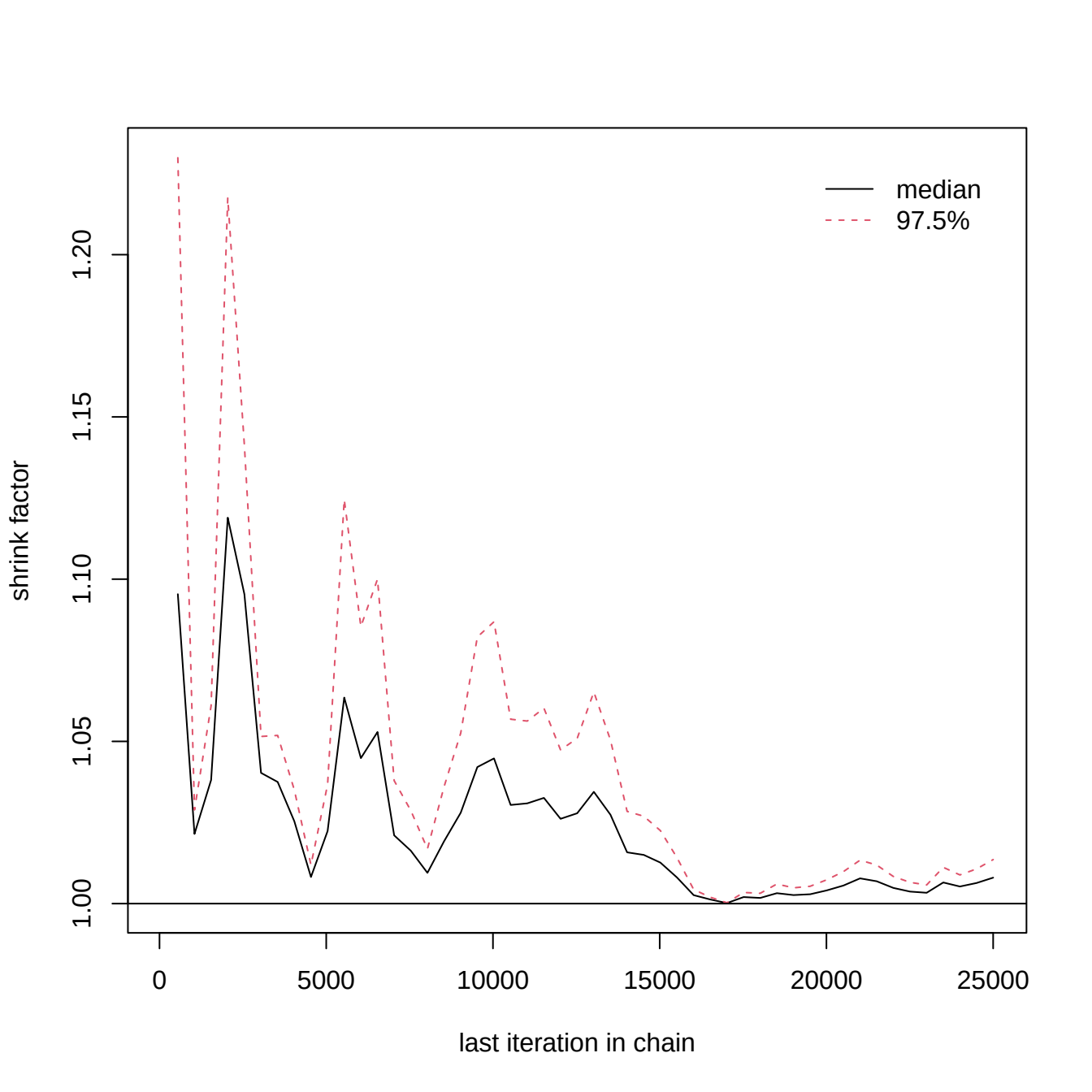
10000
15000
20000
25000
last iteration in chain


median
97.5%
shrink factor
2
4
6
8
10
0
5000
10000
15000
20000
25000
last iteration in chain


median
97.5%
shrink factor
1.0
1.5
2.0
2.5
3.0
3.5
0
5000
10000
15000
20000
25000
last iteration in chain


median
97.5%
shrink factor
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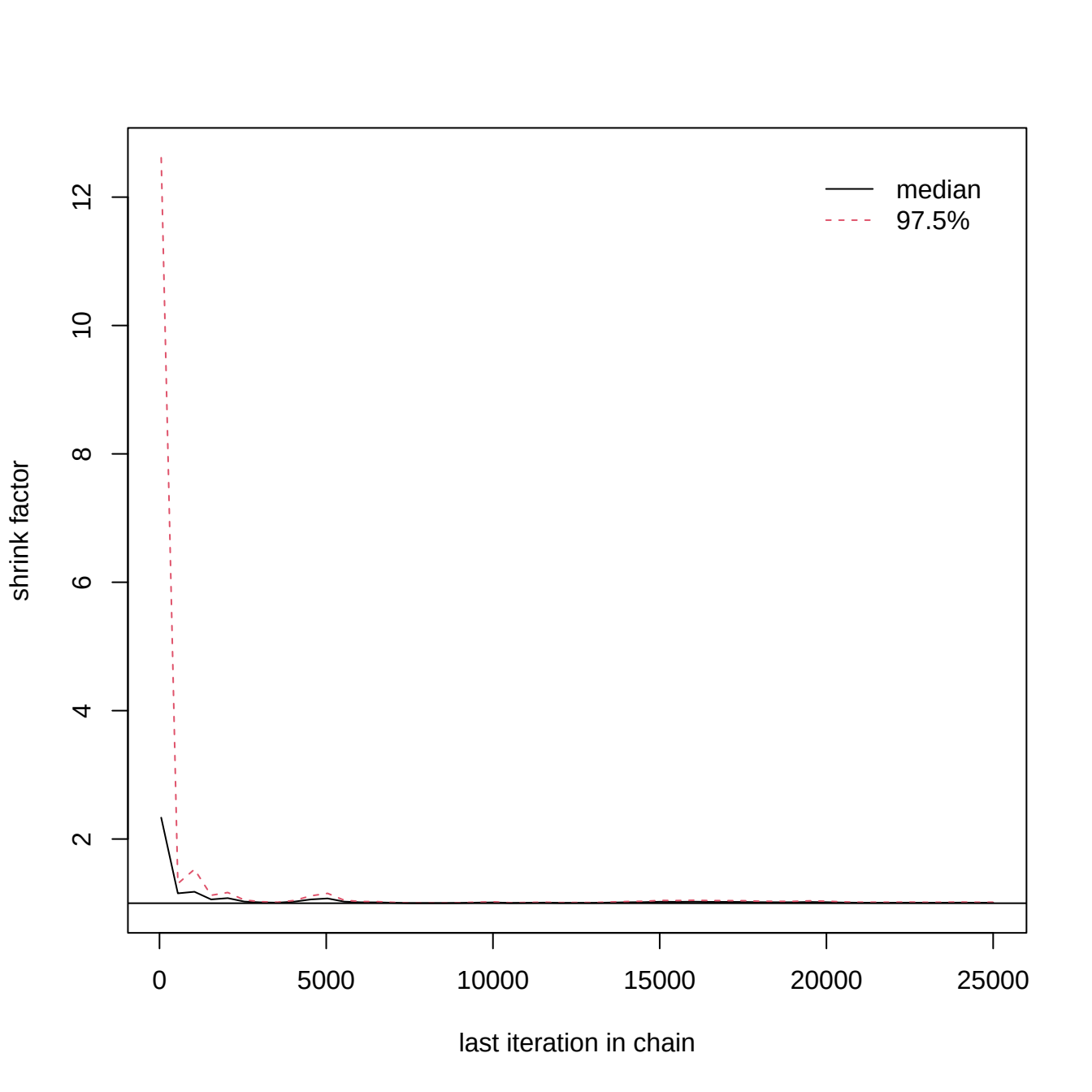
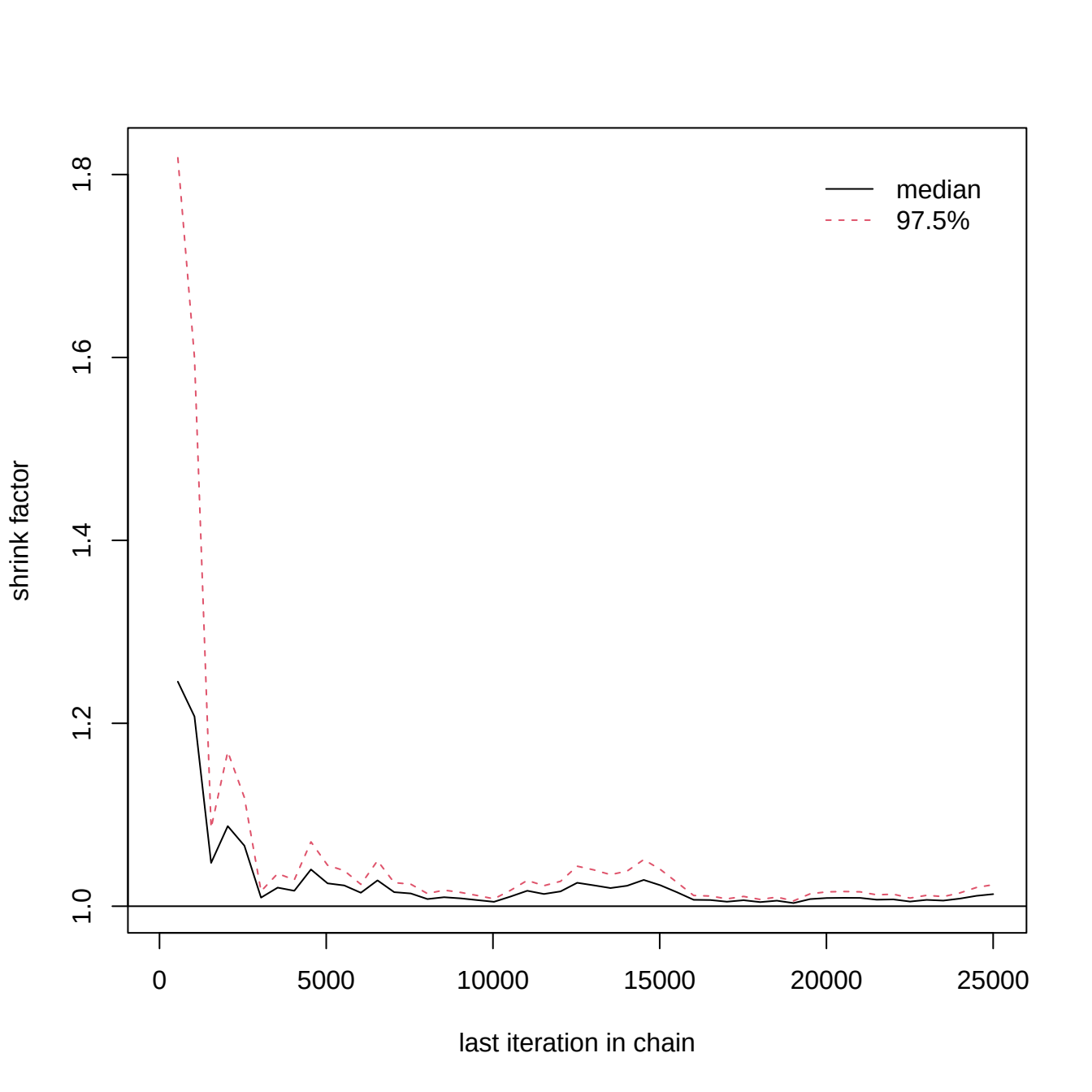
1.05
1.10
1.15
1.20
0
5000
10000
15000
20000
25000
last iteration in chain


median
97.5%
shrink factor
2
4
6
8
10
12
0
5000
10000
15000
20000
25000
last iteration in chain


median
97.5%
shrink factor
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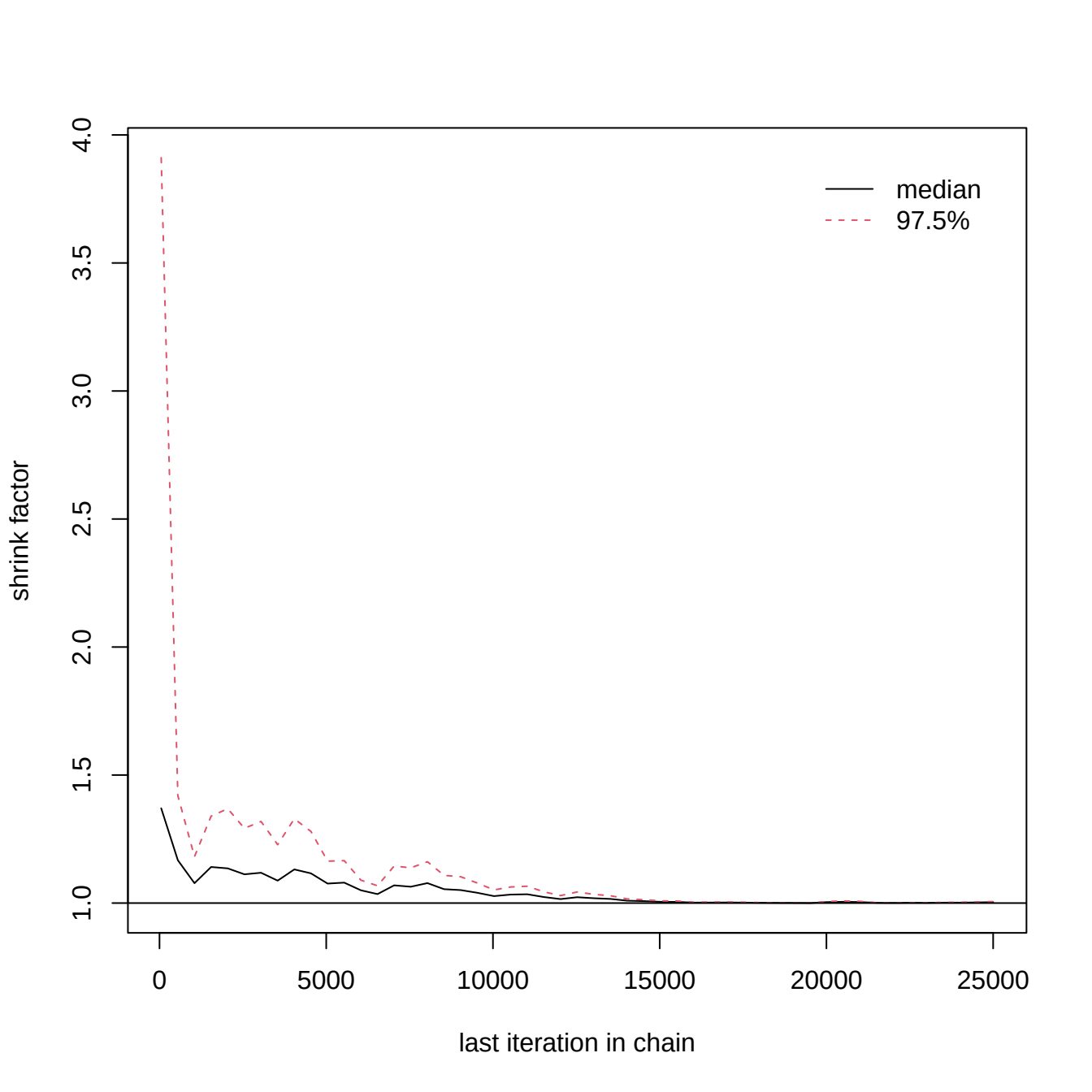
1.2
1.4
1.6
1.8
0
5000
10000
15000
20000
25000
last iteration in chain


median
97.5%
shrink factor
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0
5000
10000
15000
20000
25000
last iteration in chain