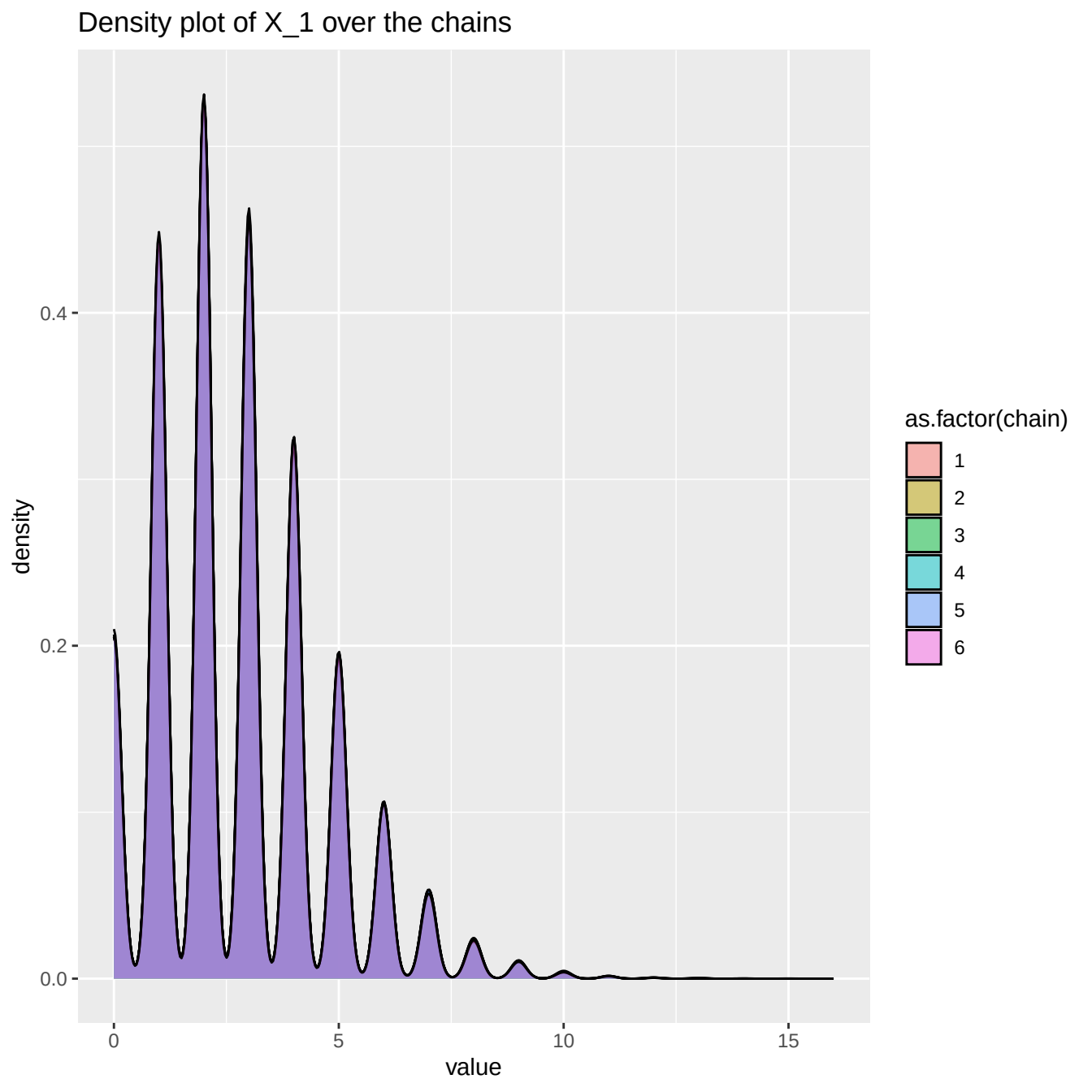
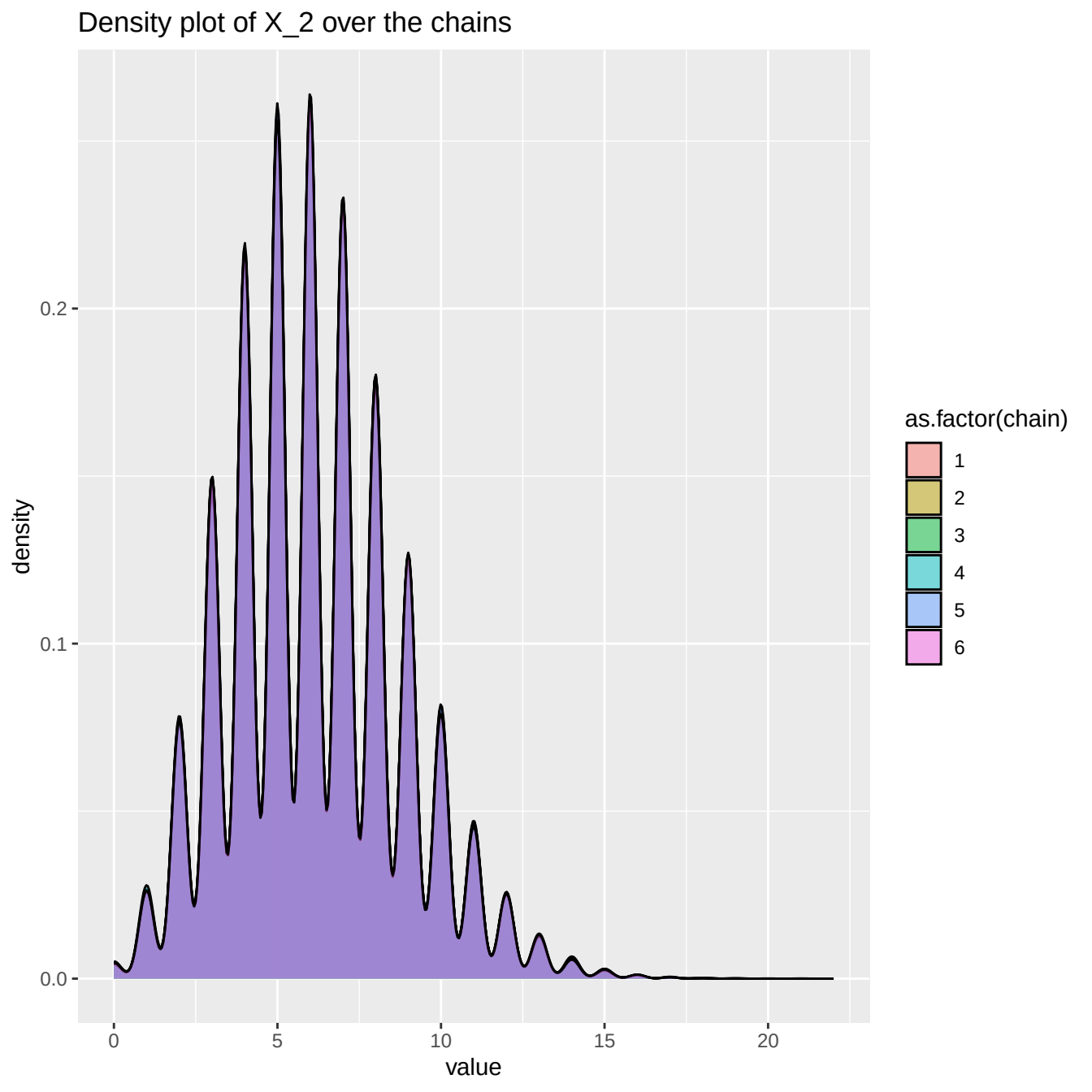
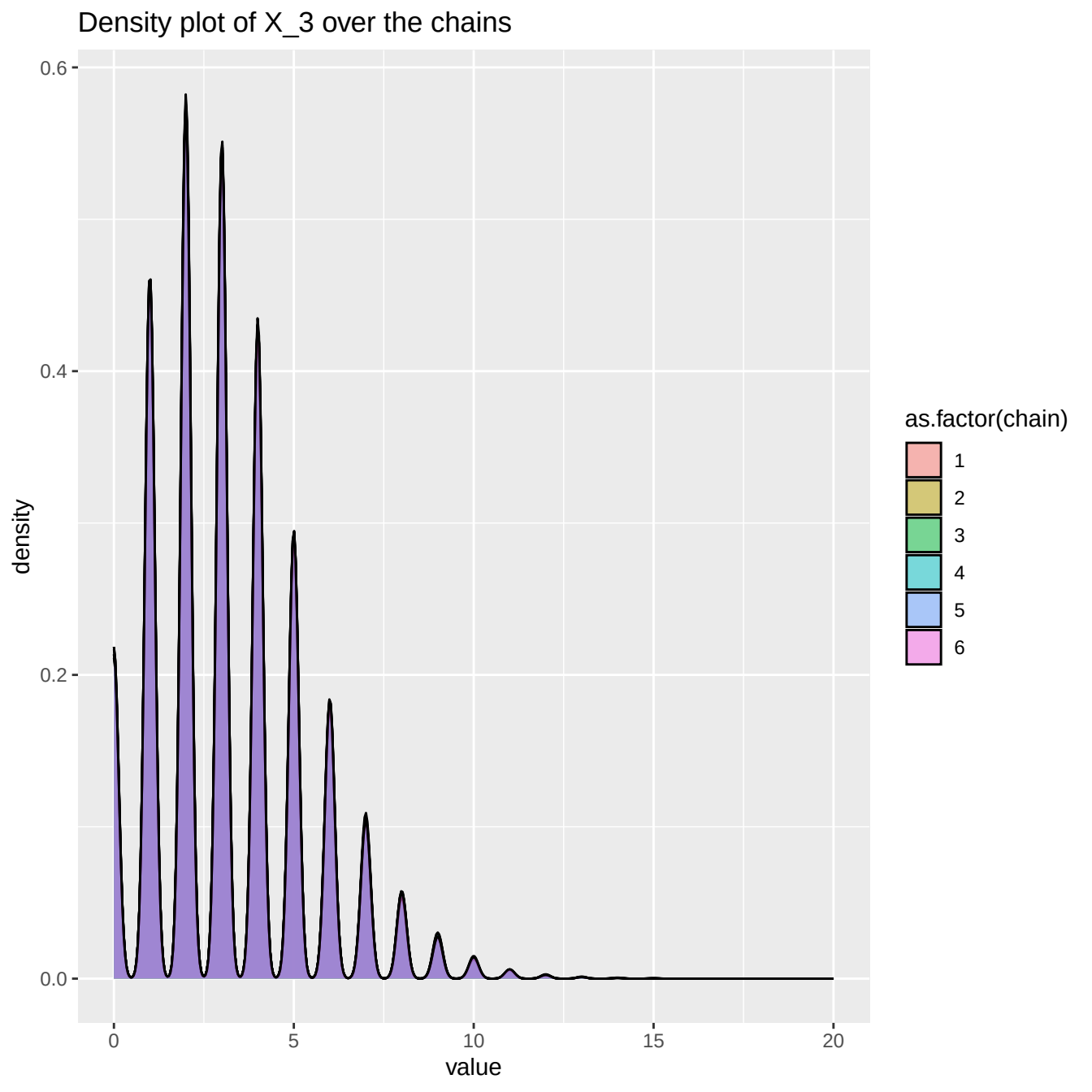
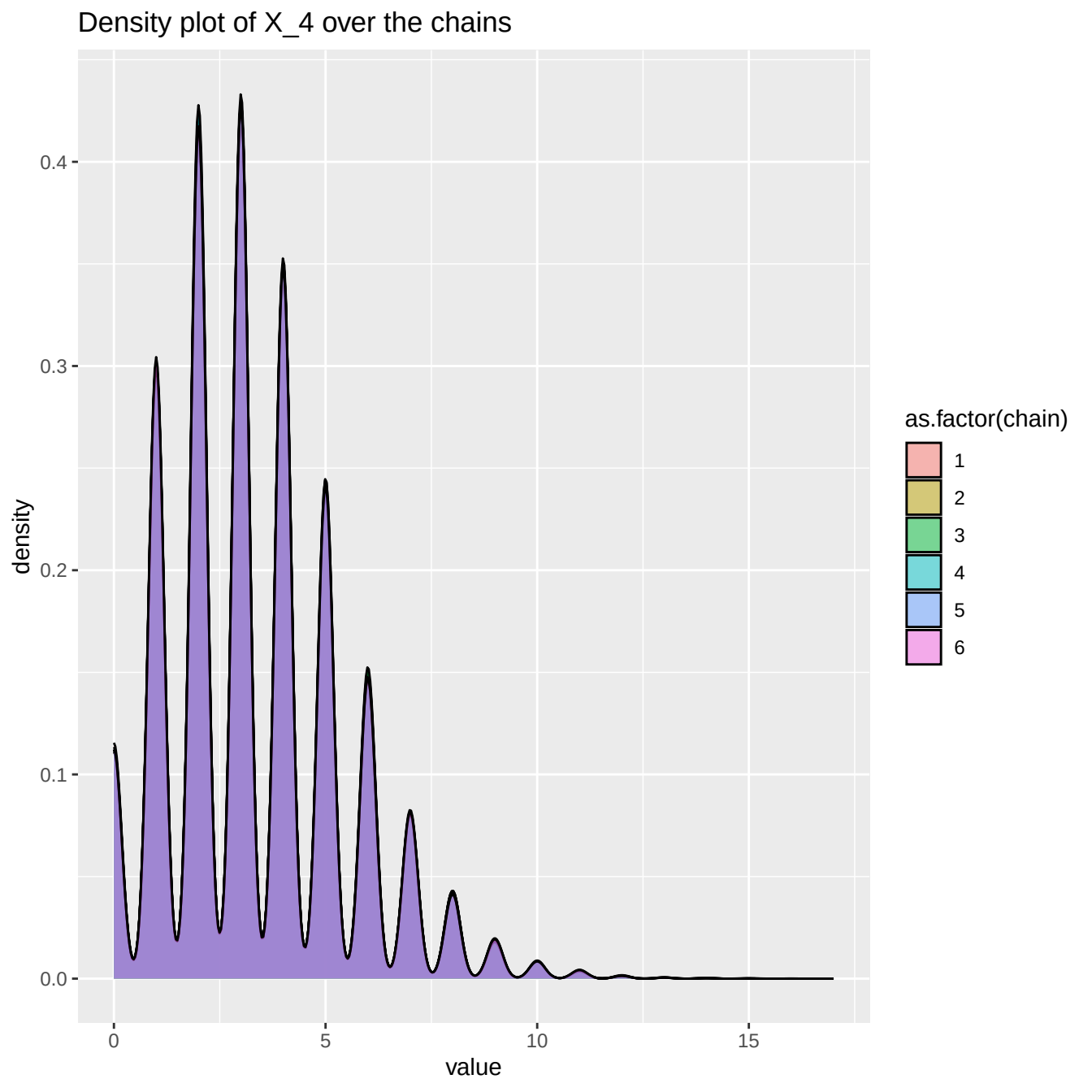
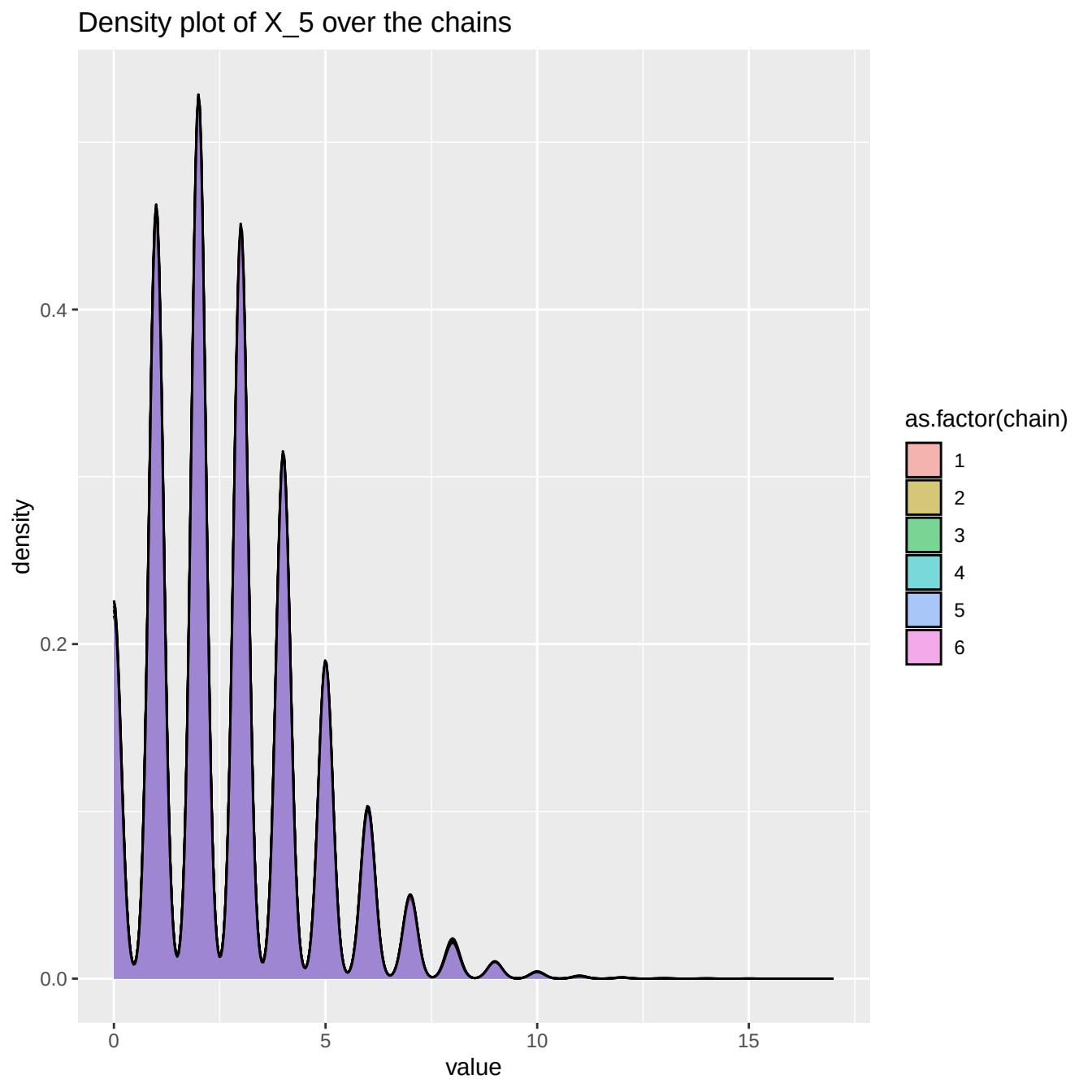
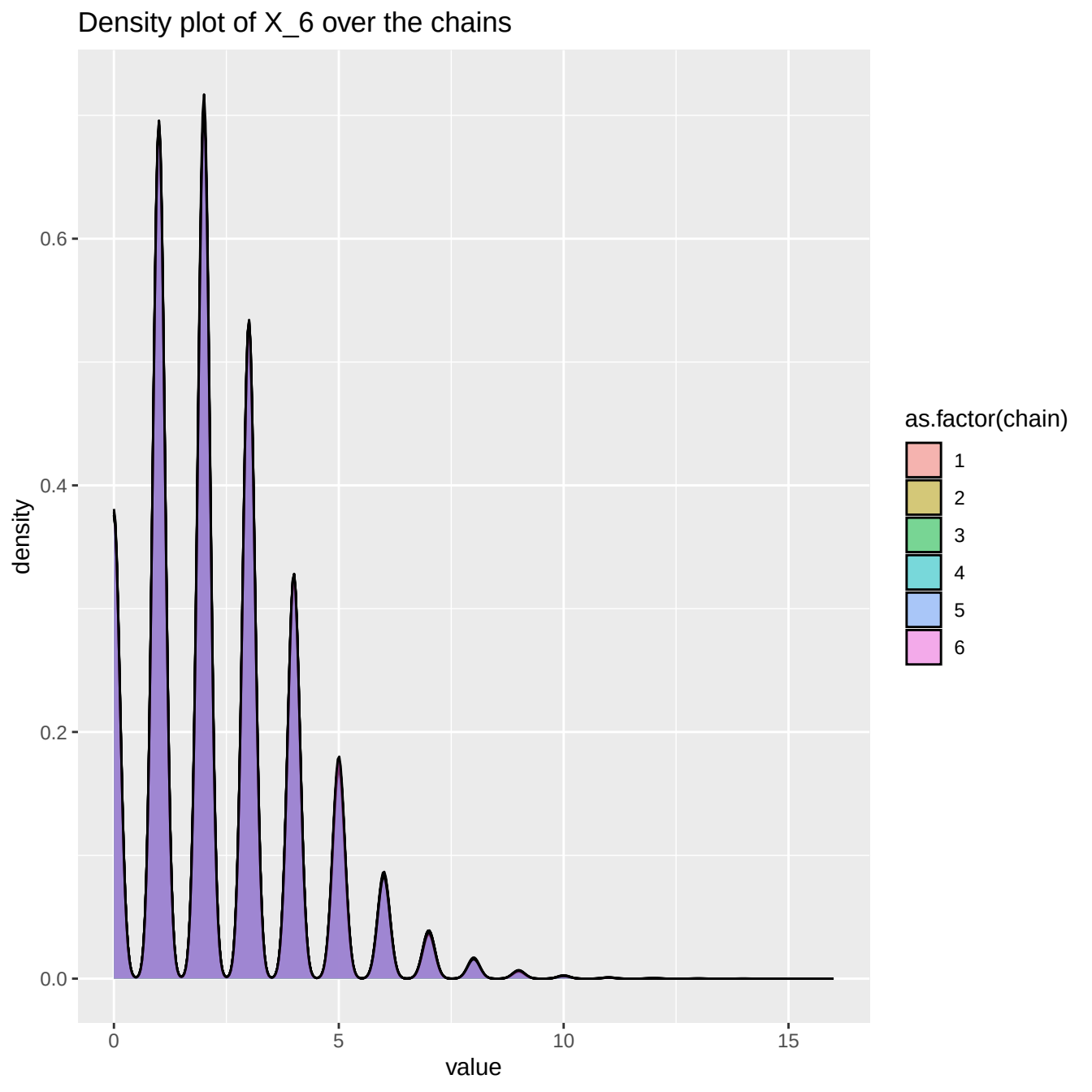

Density plot of X_1 over the chains
density
0.0
0.2
0.4
0
5
10
15
value
as.factor(chain)
1
2
3
4
5
6

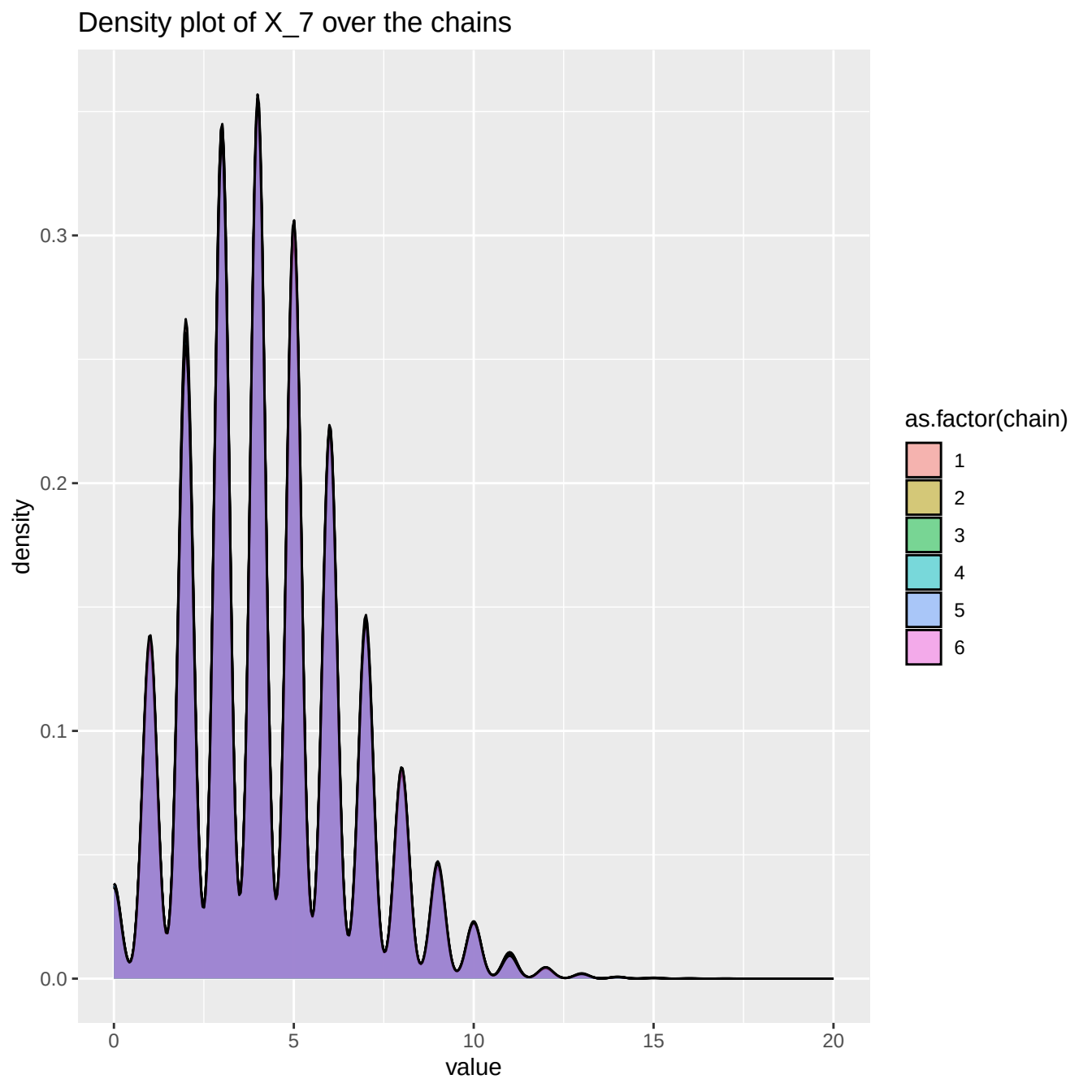

Density plot of X_2 over the chains
density
0.0
0.1
0.2
0
5
10
15
20
value
as.factor(chain)
1
2
3
4
5
6

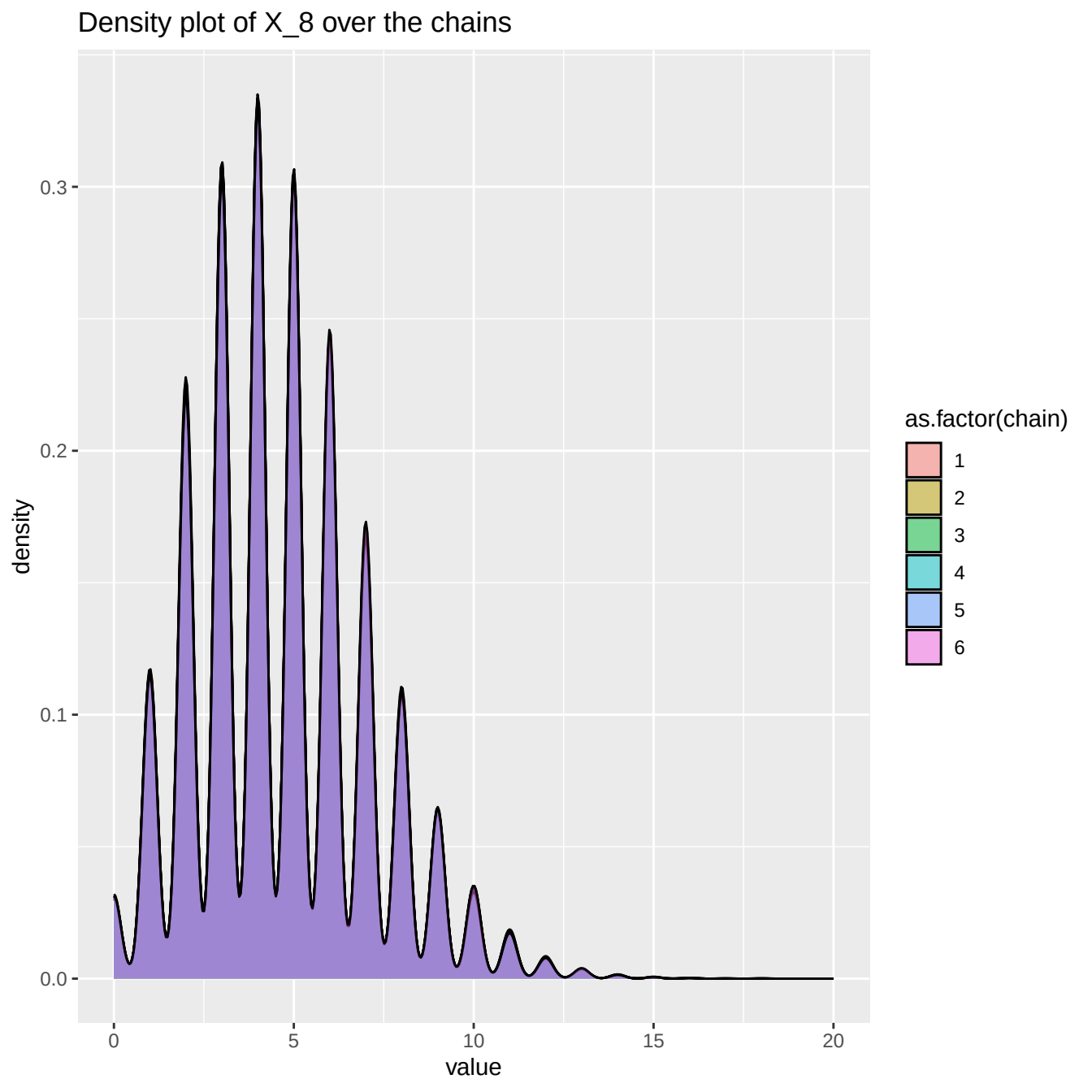

Density plot of X_3 over the chains
0.6
0.4
0.2
0.0
density
0
5
10
15
20
value
as.factor(chain)
1
2
3
4
5
6

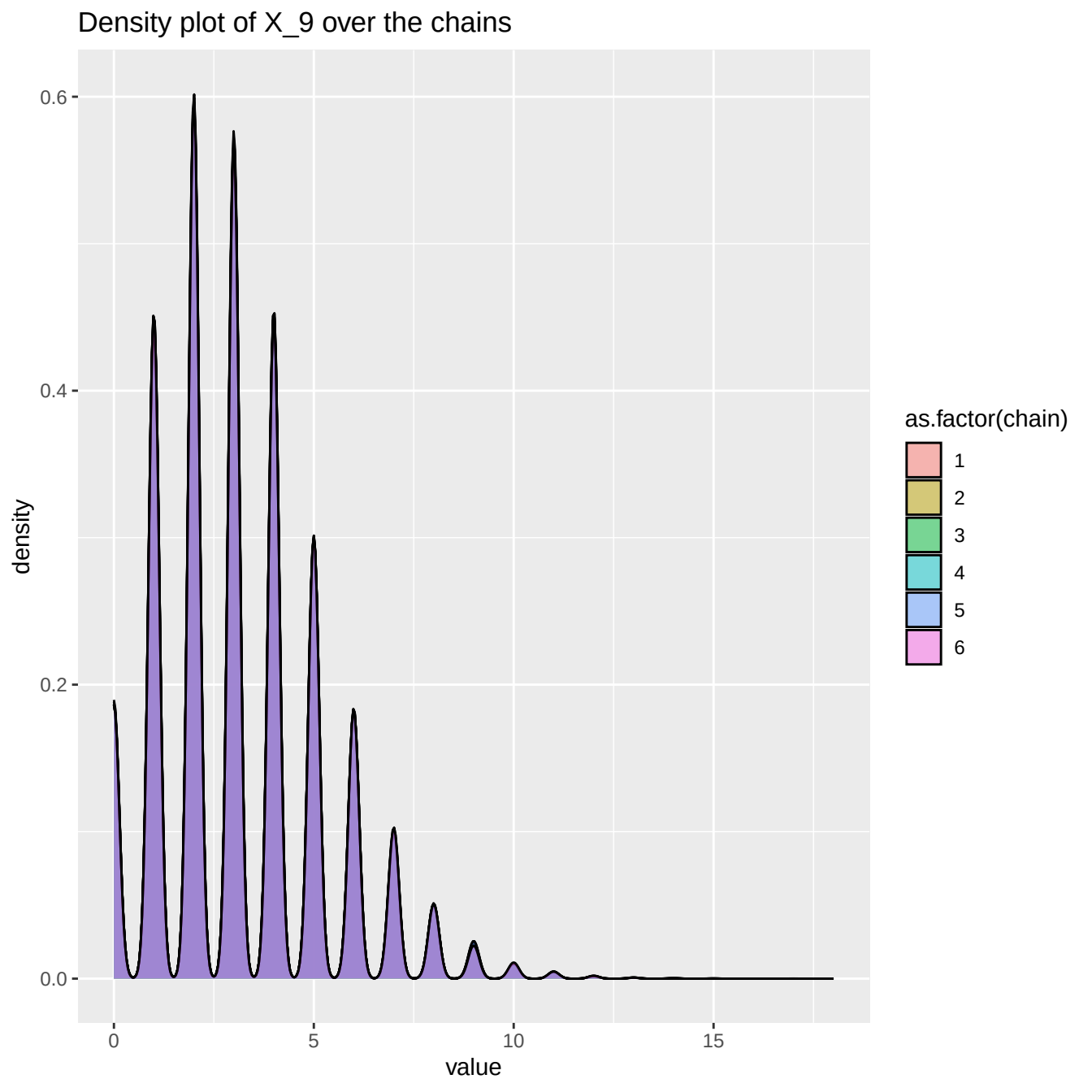

Density plot of X_4 over the chains
density
0.0
0.1
0.2
0.3
0.4
0
5
10
15
value
as.factor(chain)
1
2
3
4
5
6

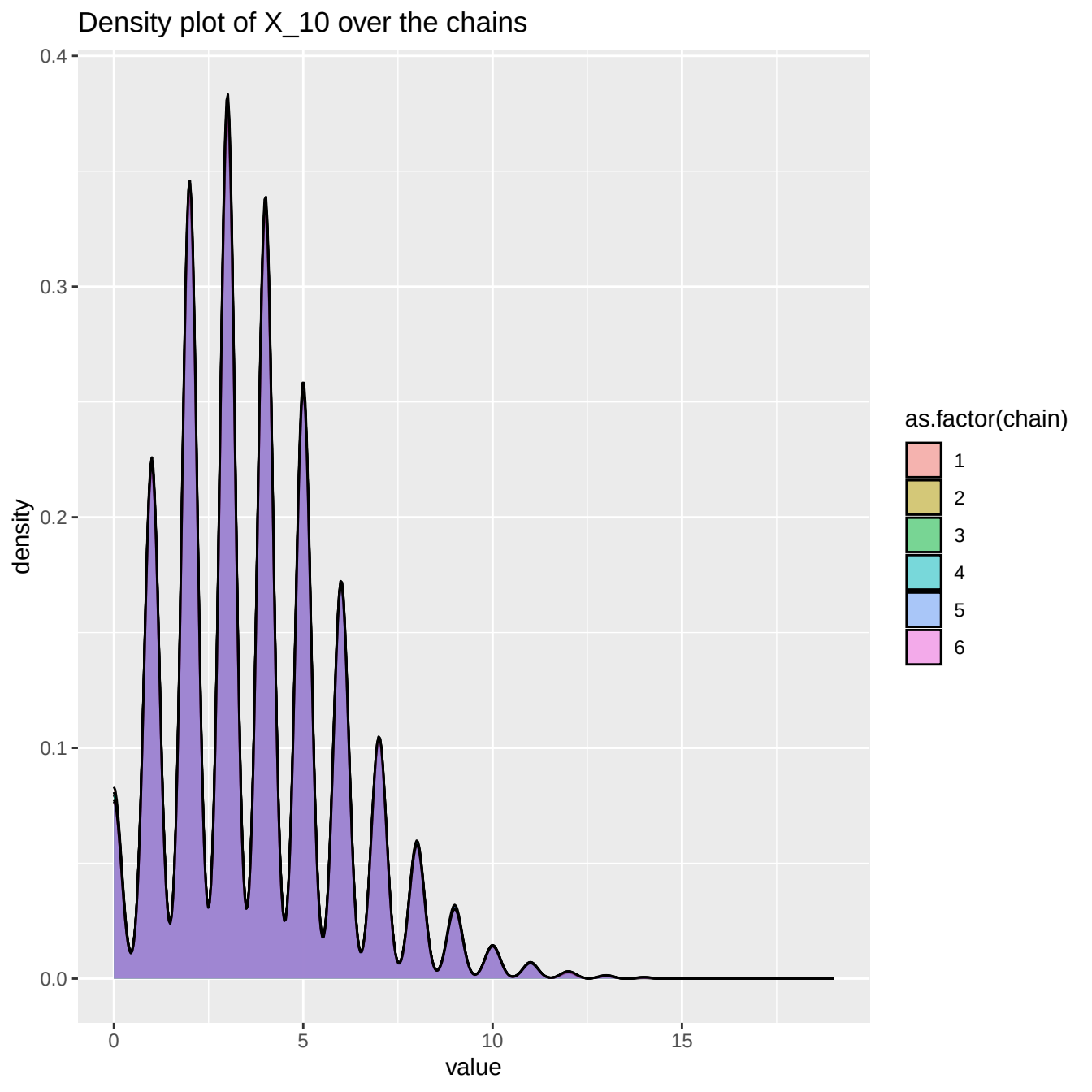

Density plot of X_5 over the chains
density
0.4
0.2
0.0
0
5
10
15
value
as.factor(chain)
1
2
3
4
5
6

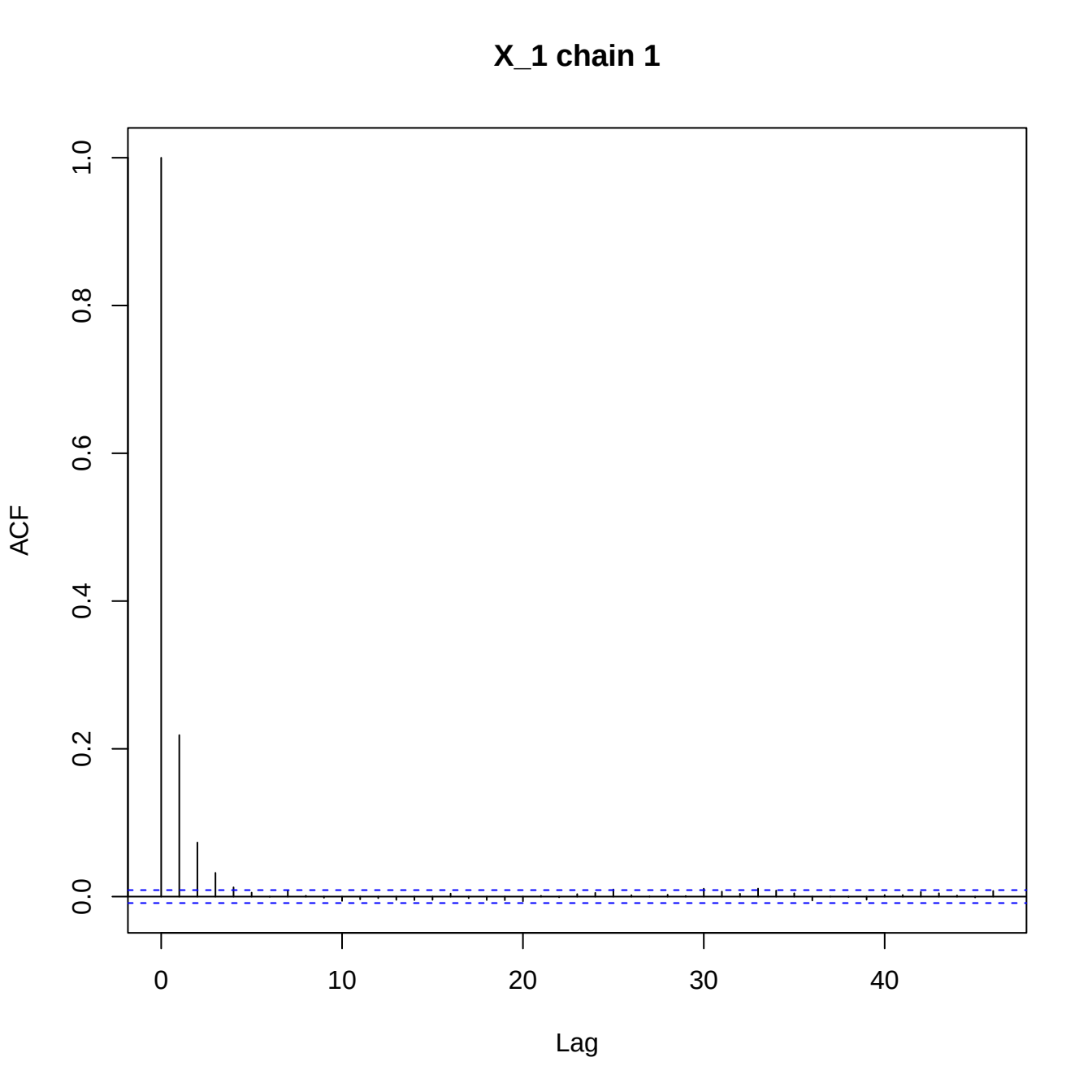

Density plot of X_6 over the chains
density
0.0
0.2
0.4
0.6
0
5
10
15
value
as.factor(chain)
1
2
3
4
5
6

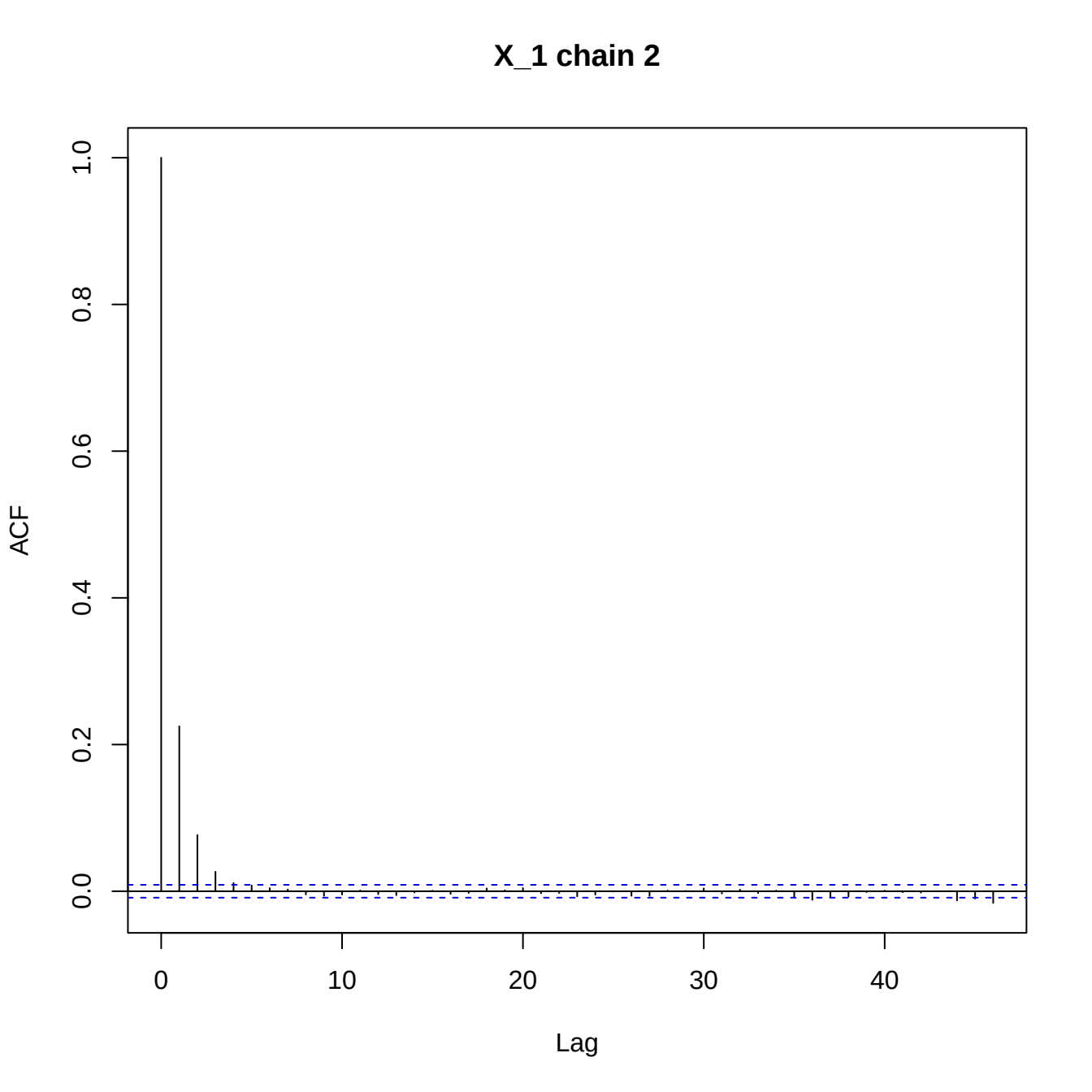

Density plot of X_7 over the chains
density
0.0
0.1
0.2
0.3
0
5
10
15
20
value
as.factor(chain)
1
2
3
4
5
6

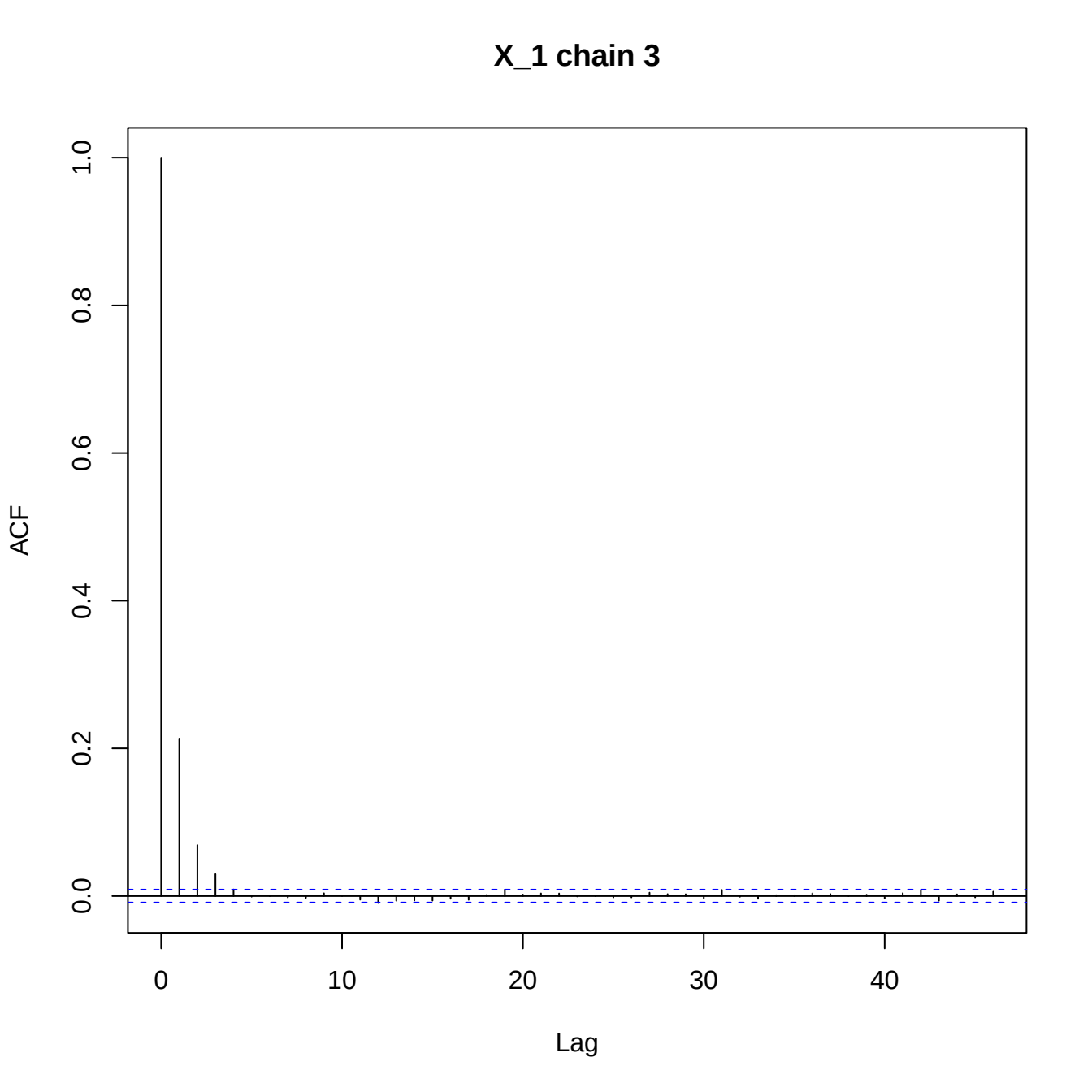

Density plot of X_8 over the chains
density
0.0
0.1
0.2
0.3
0
5
10
15
20
value
as.factor(chain)
1
2
3
4
5
6

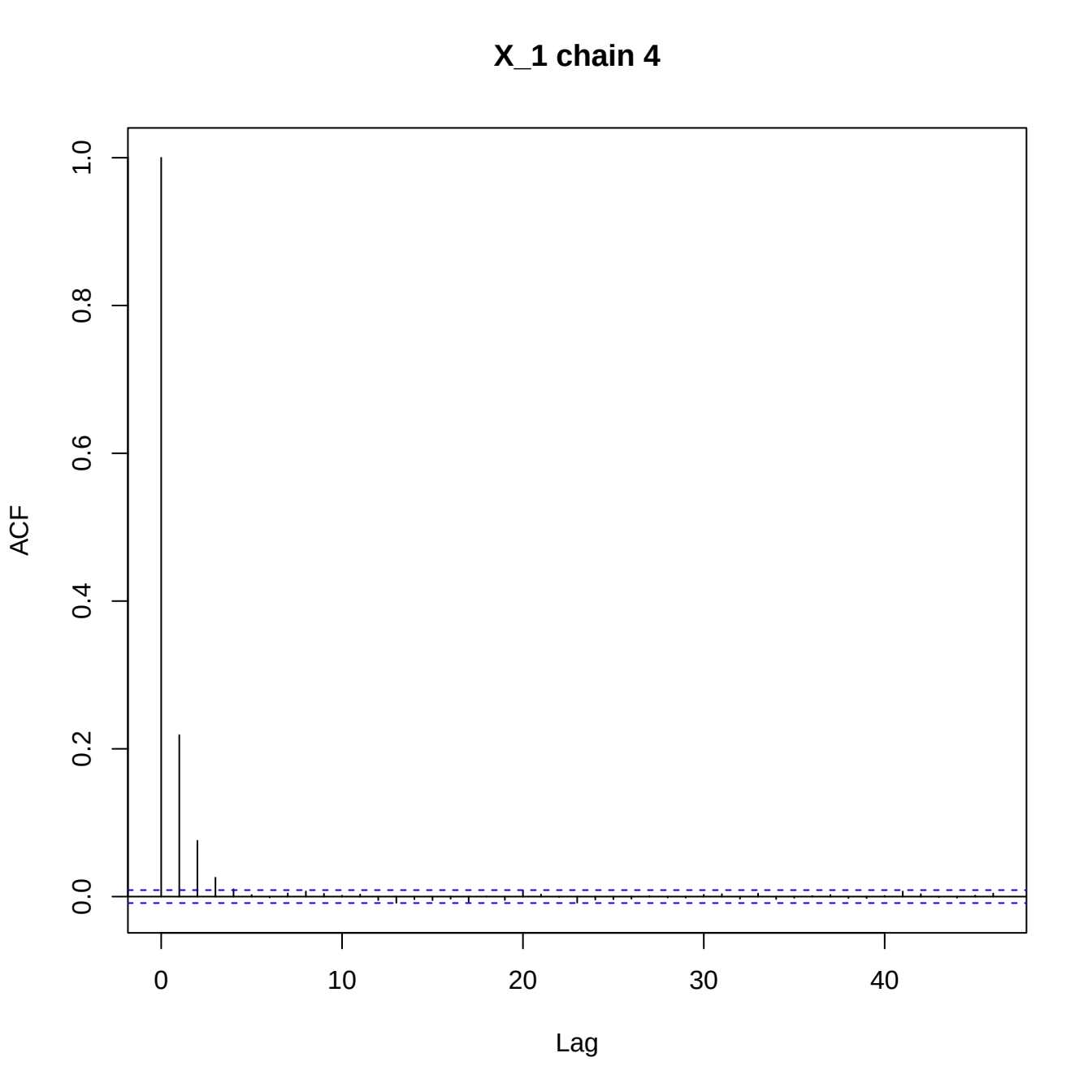

Density plot of X_9 over the chains
density
0.6
0.4
0.2
0.0
0
5
10
15
value
as.factor(chain)
1
2
3
4
5
6

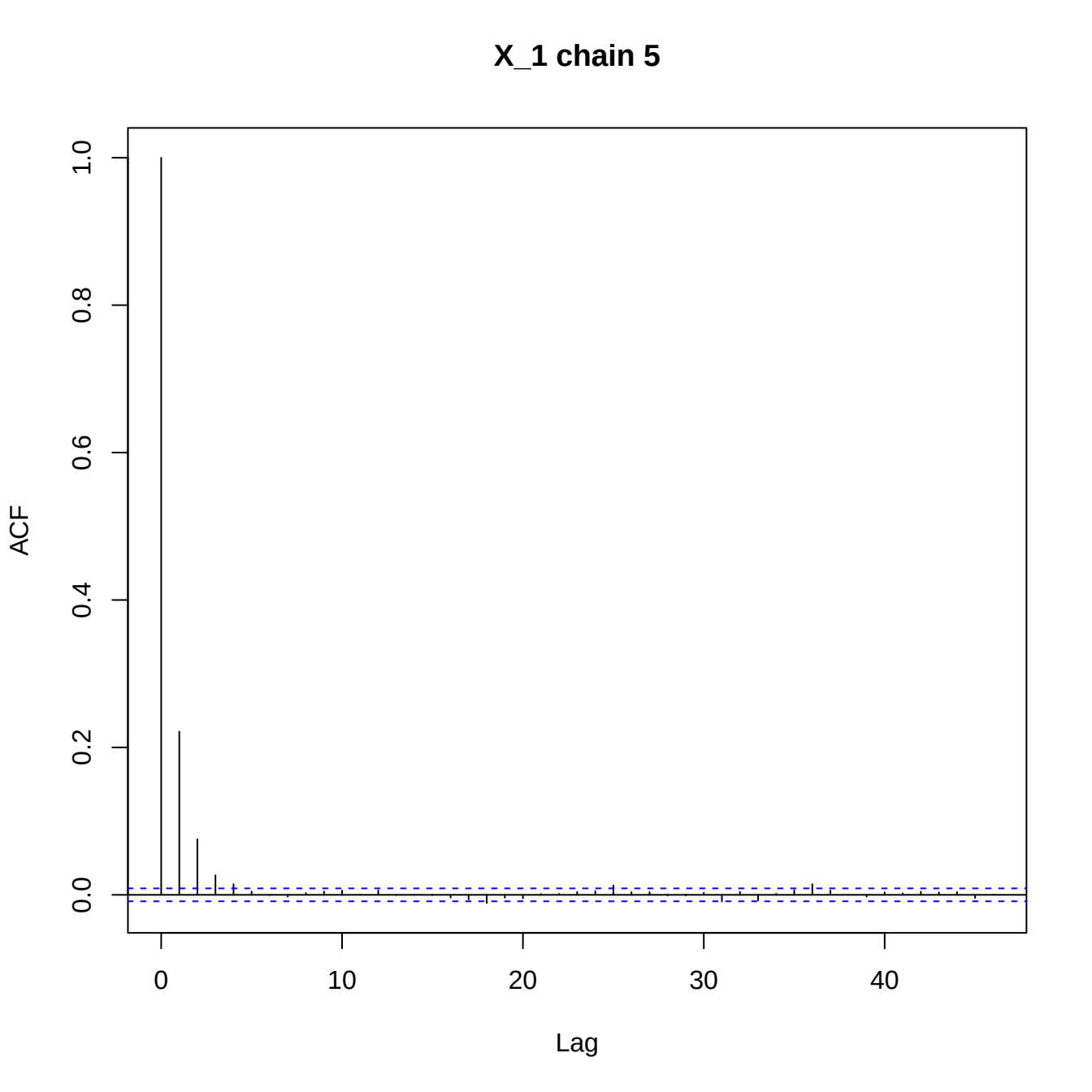

Density plot of X_10 over the chains
density
value
0.0
0.1
0.2
0.3
0.4
0
5
10
15
as.factor(chain)
1
2
3
4
5
6

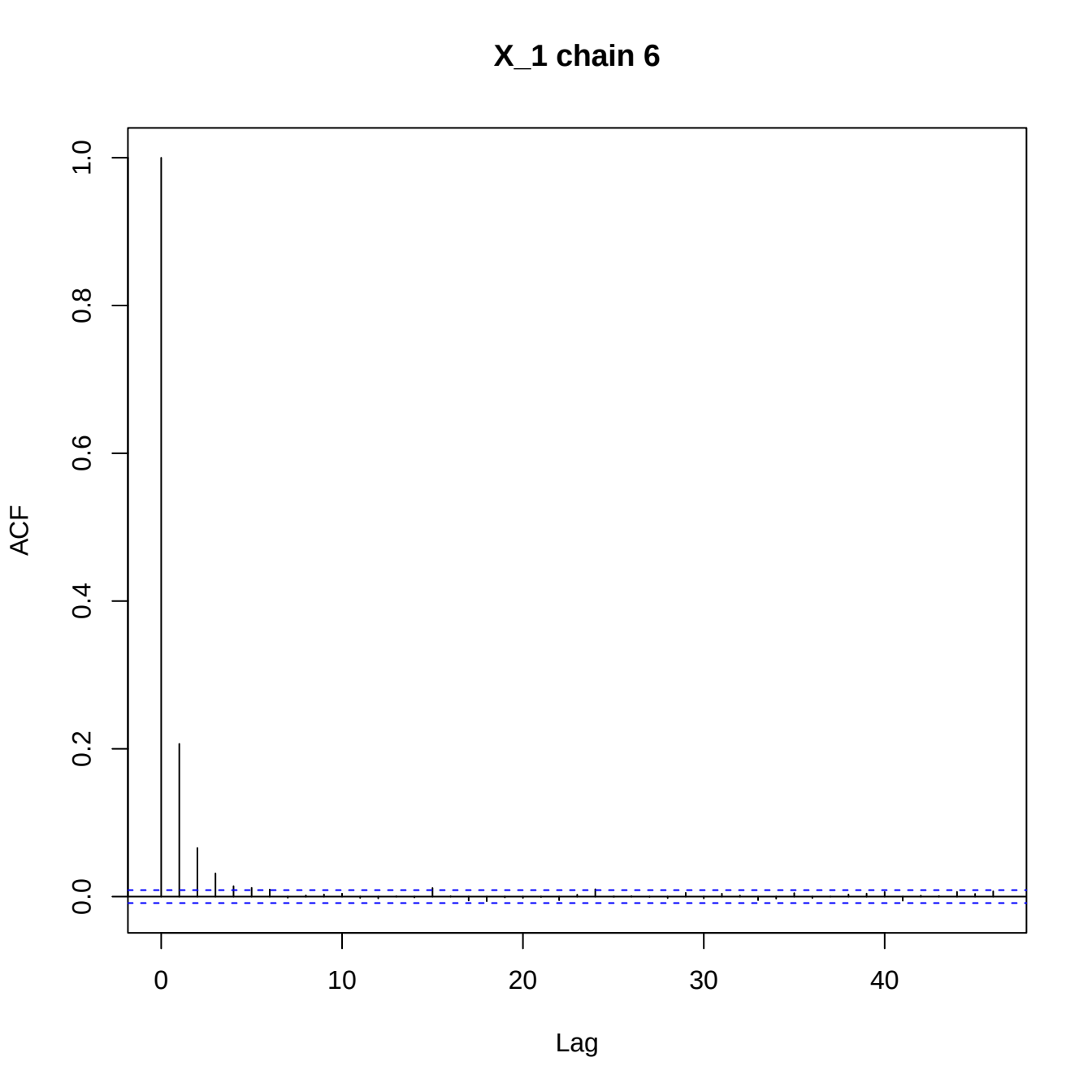

X_1 chain 1
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
10
20
30
40
Lag

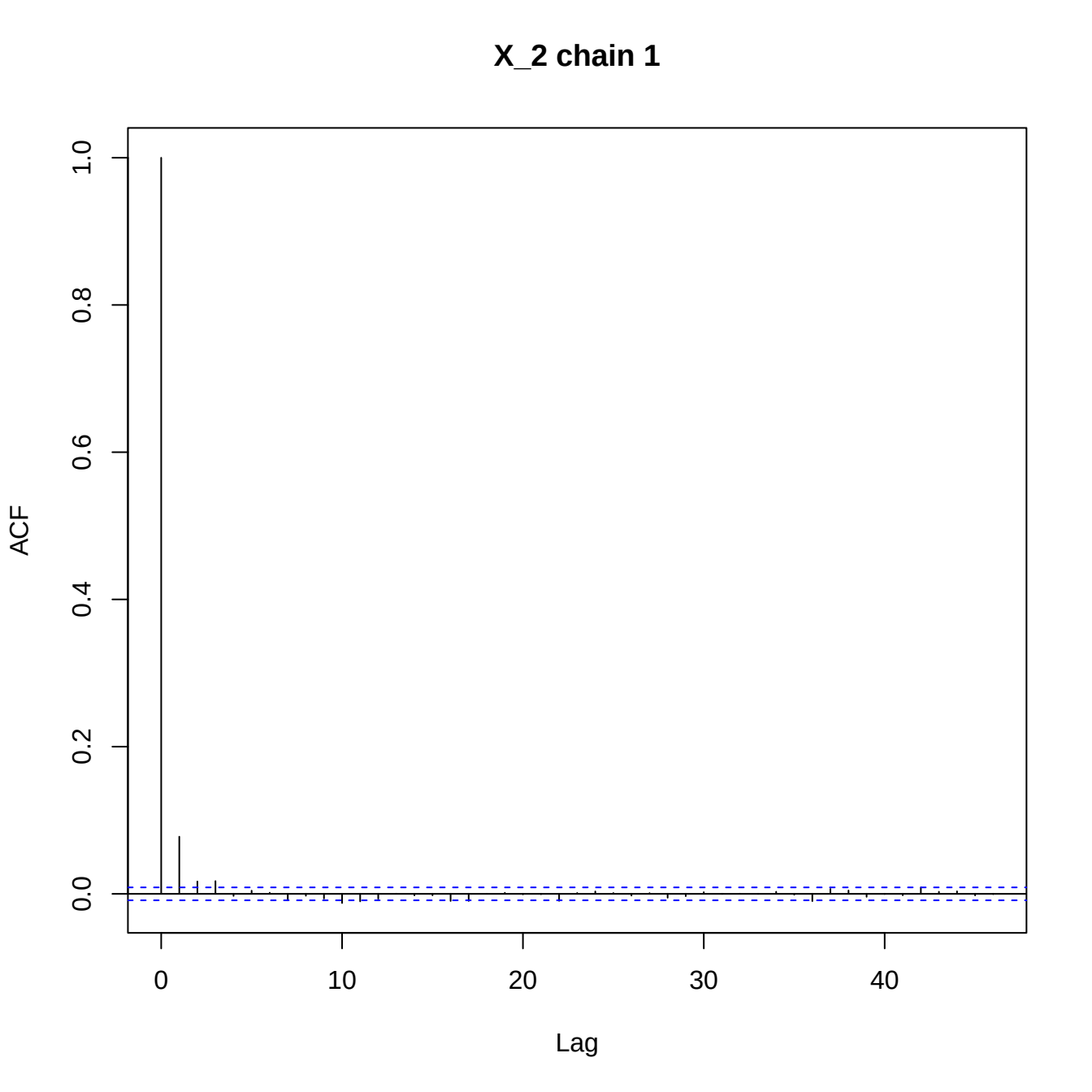

X_1 chain 2
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
10
20
30
40
Lag

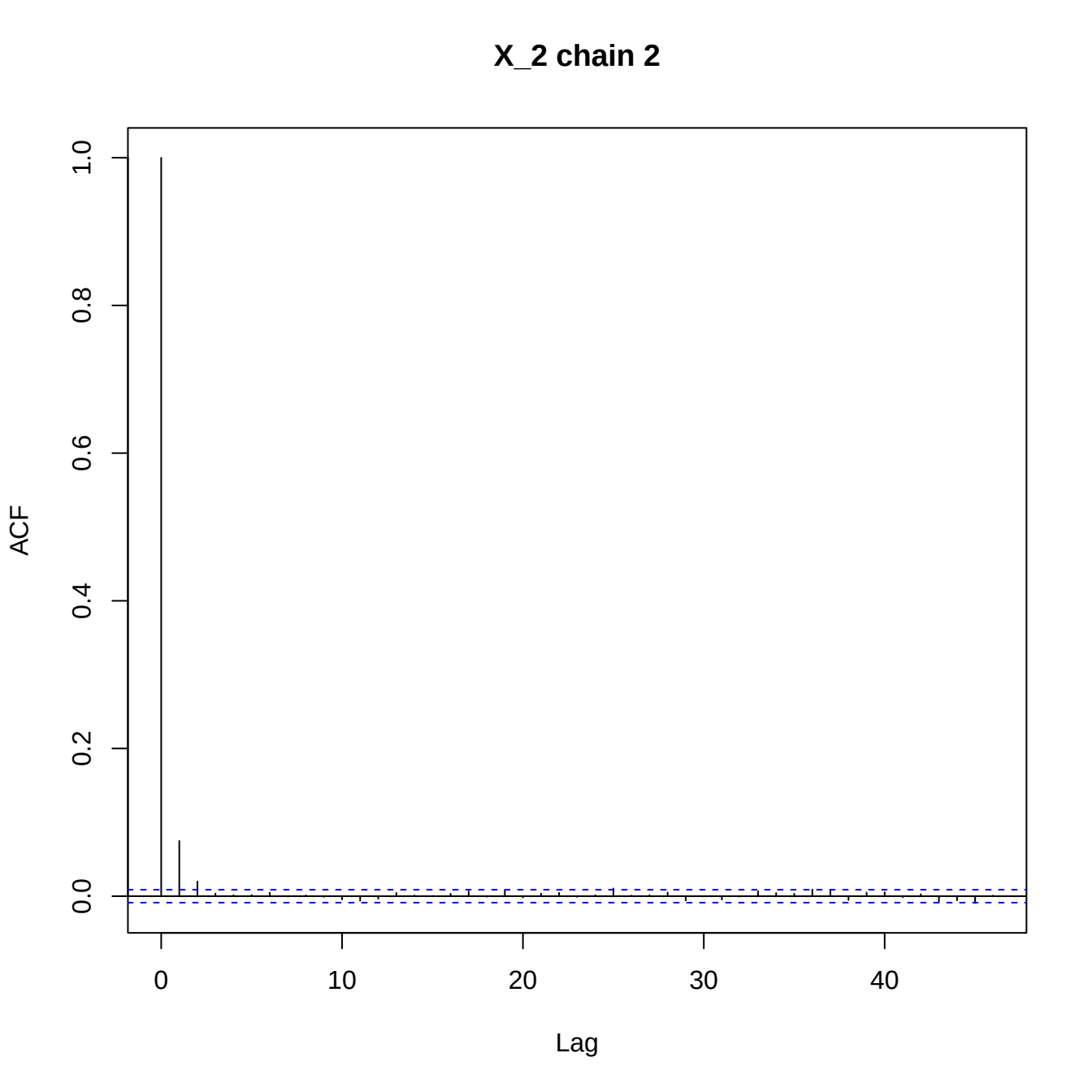

X_1 chain 3
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
10
20
30
40
Lag

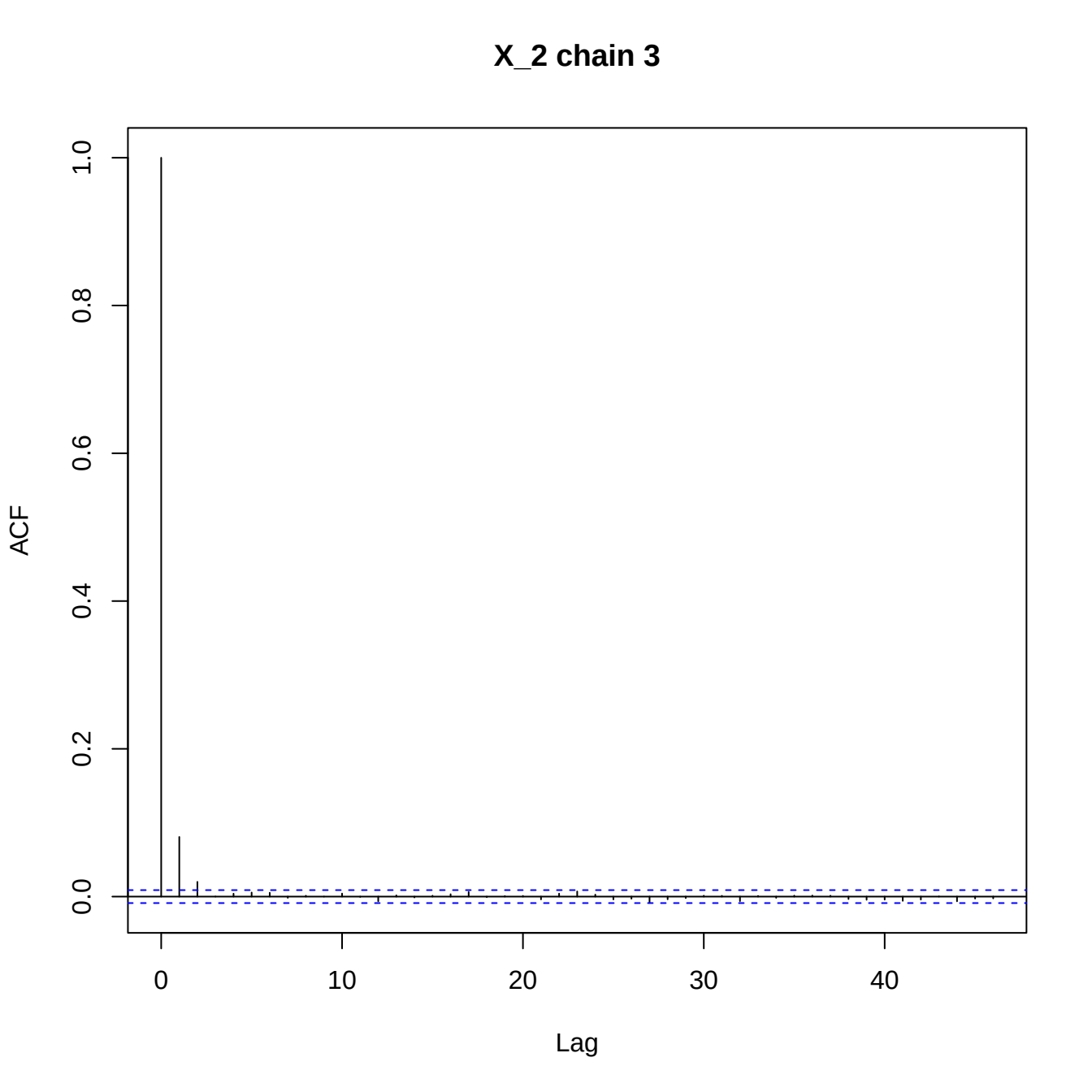

X_1 chain 4
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
10
20
30
40
Lag

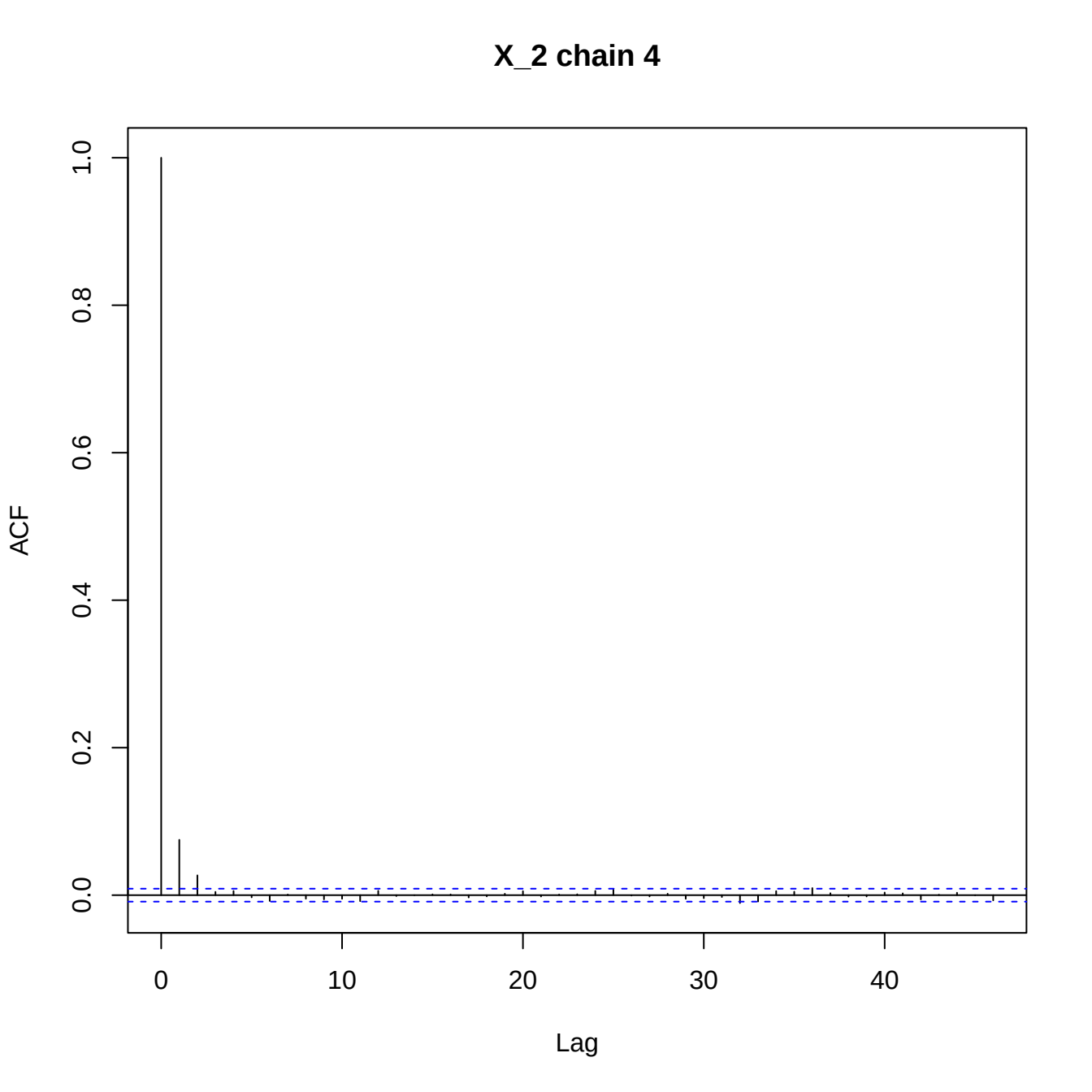

X_1 chain 5
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
10
20
30
40
Lag

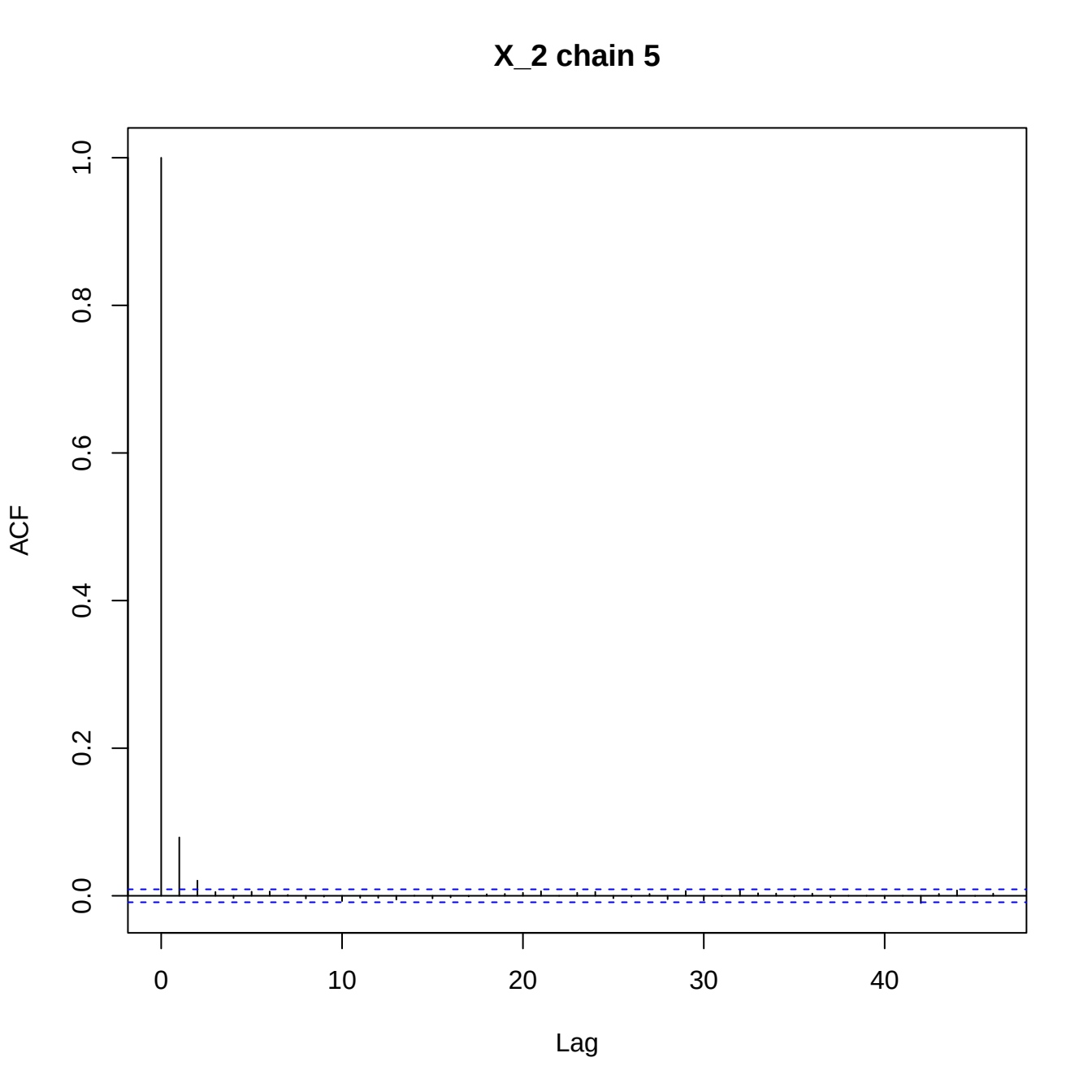

X_1 chain 6
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
10
20
30
40
Lag


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
0
10
20
30
40
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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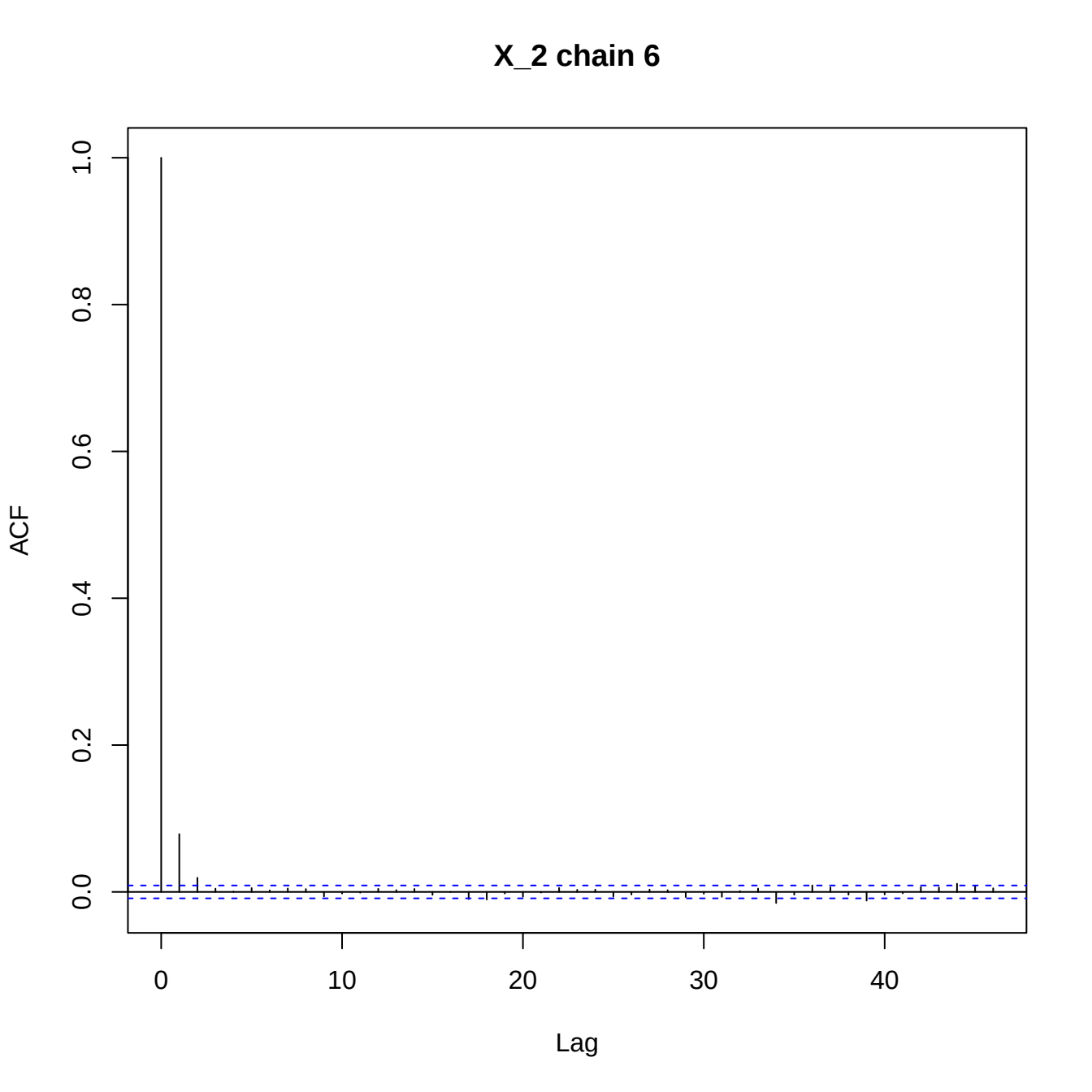
Lag


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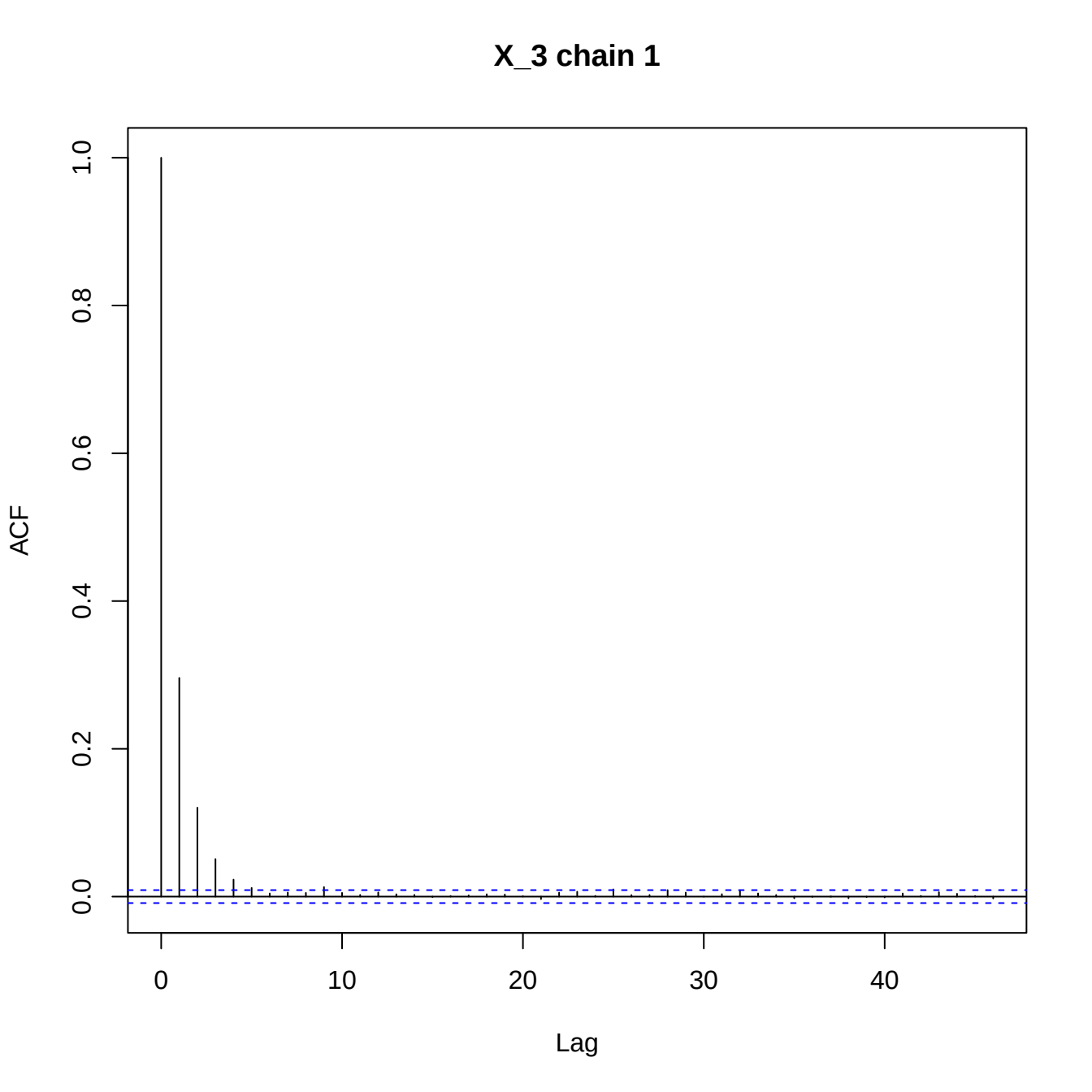
Lag


X_3 chain 1
ACF
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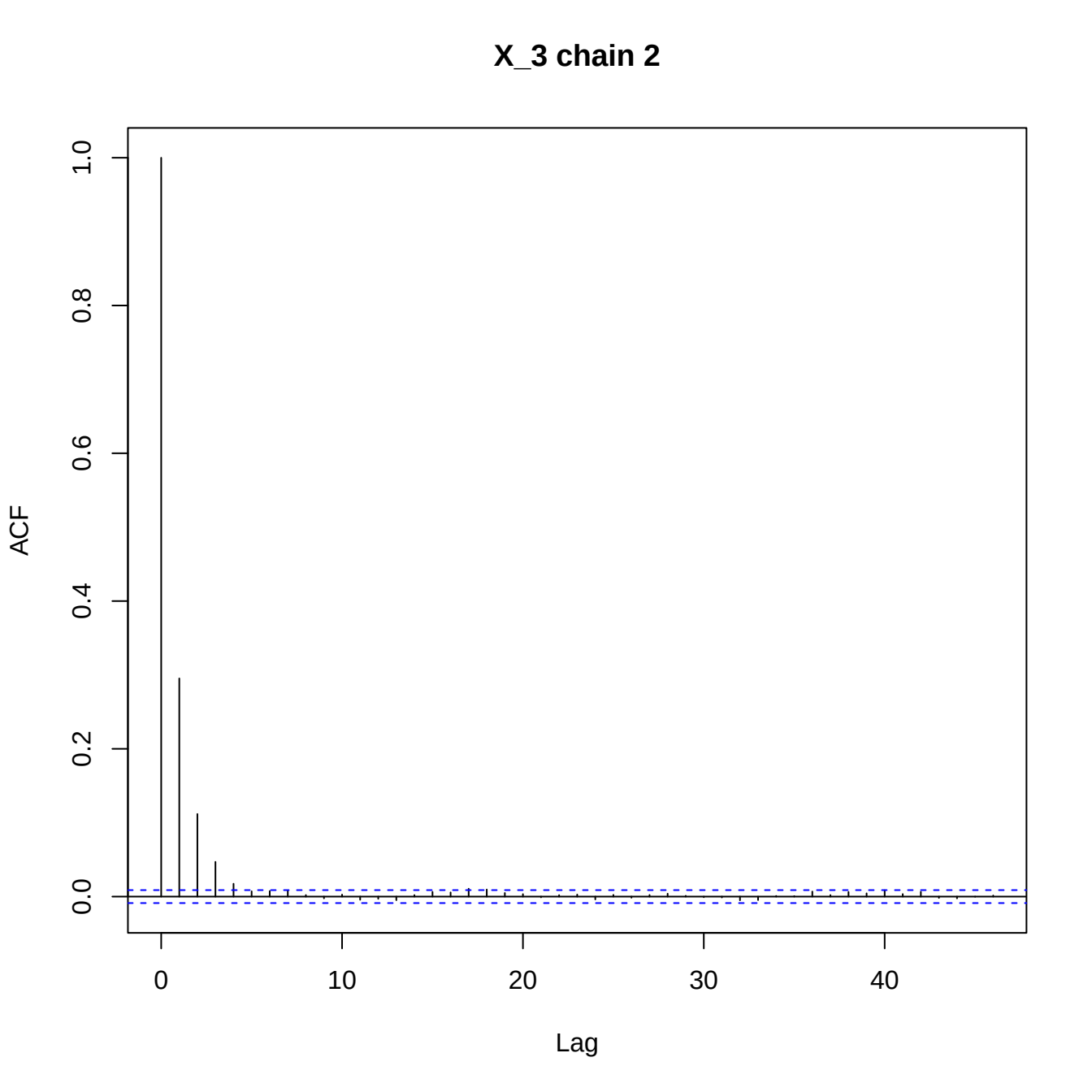
0.6
0.4
0.2
0.0
0
10
20
30
40
Lag


X_3 chain 2
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
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20
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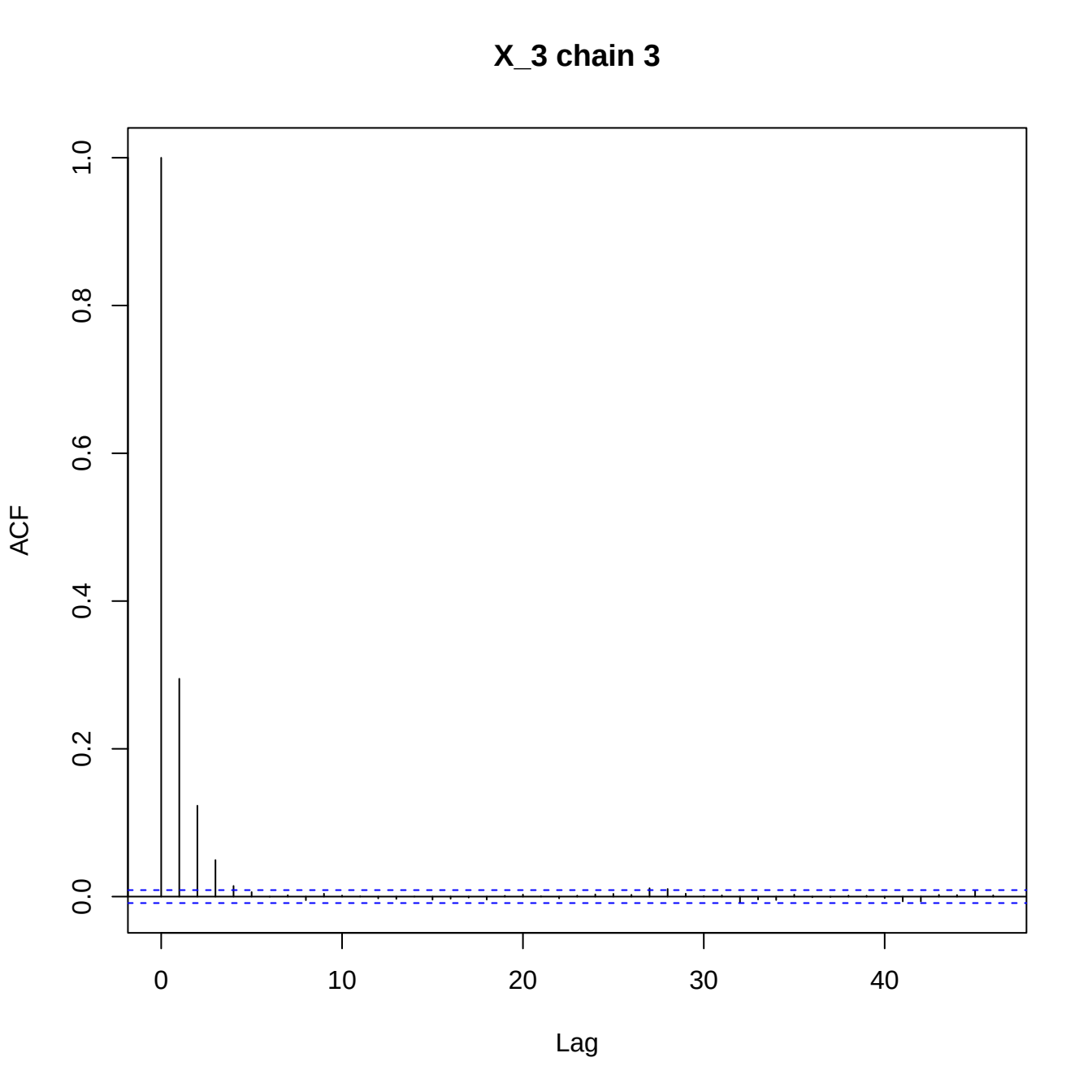
Lag


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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20
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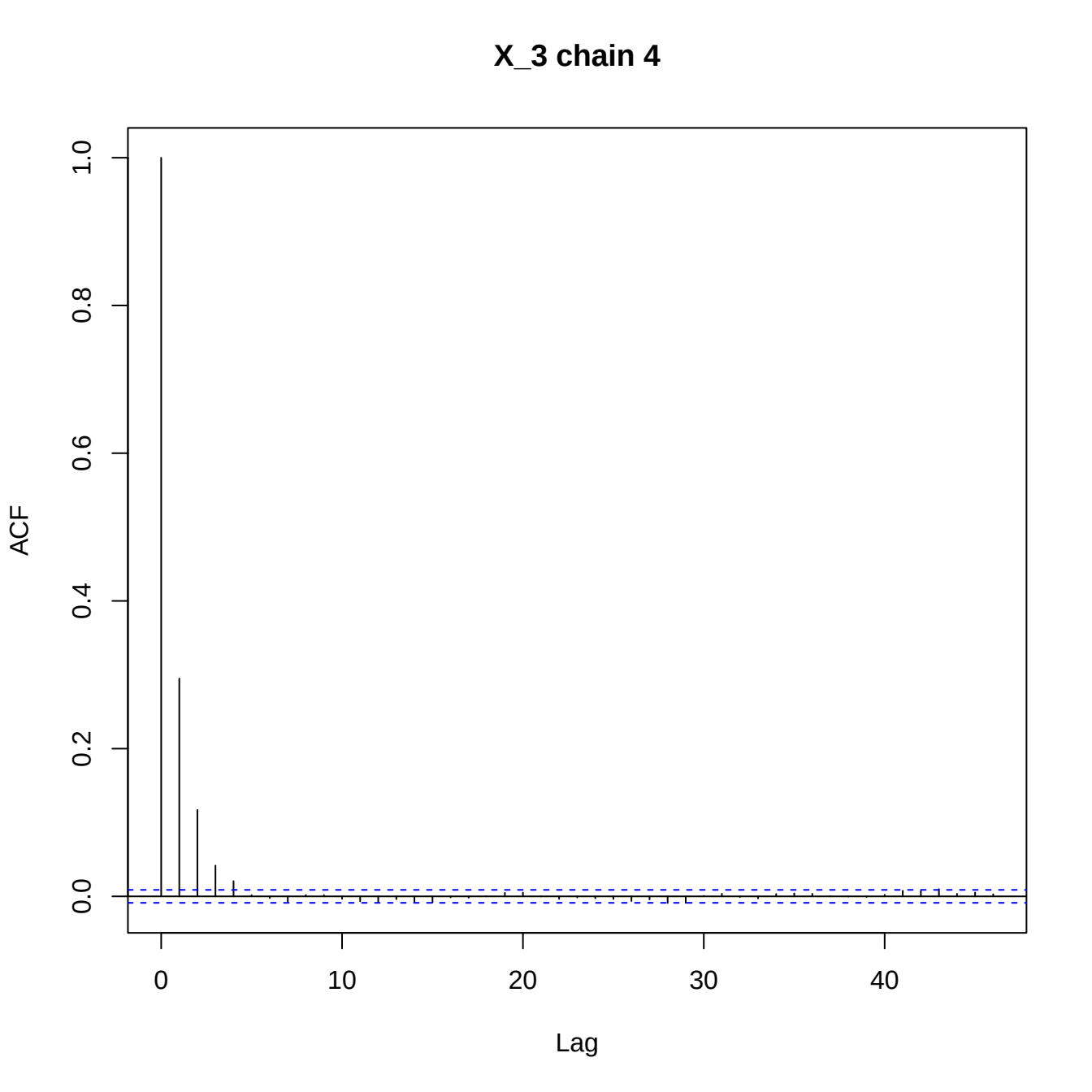
Lag


X_3 chain 4
ACF
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0.6
0.4
0.2
0.0
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20
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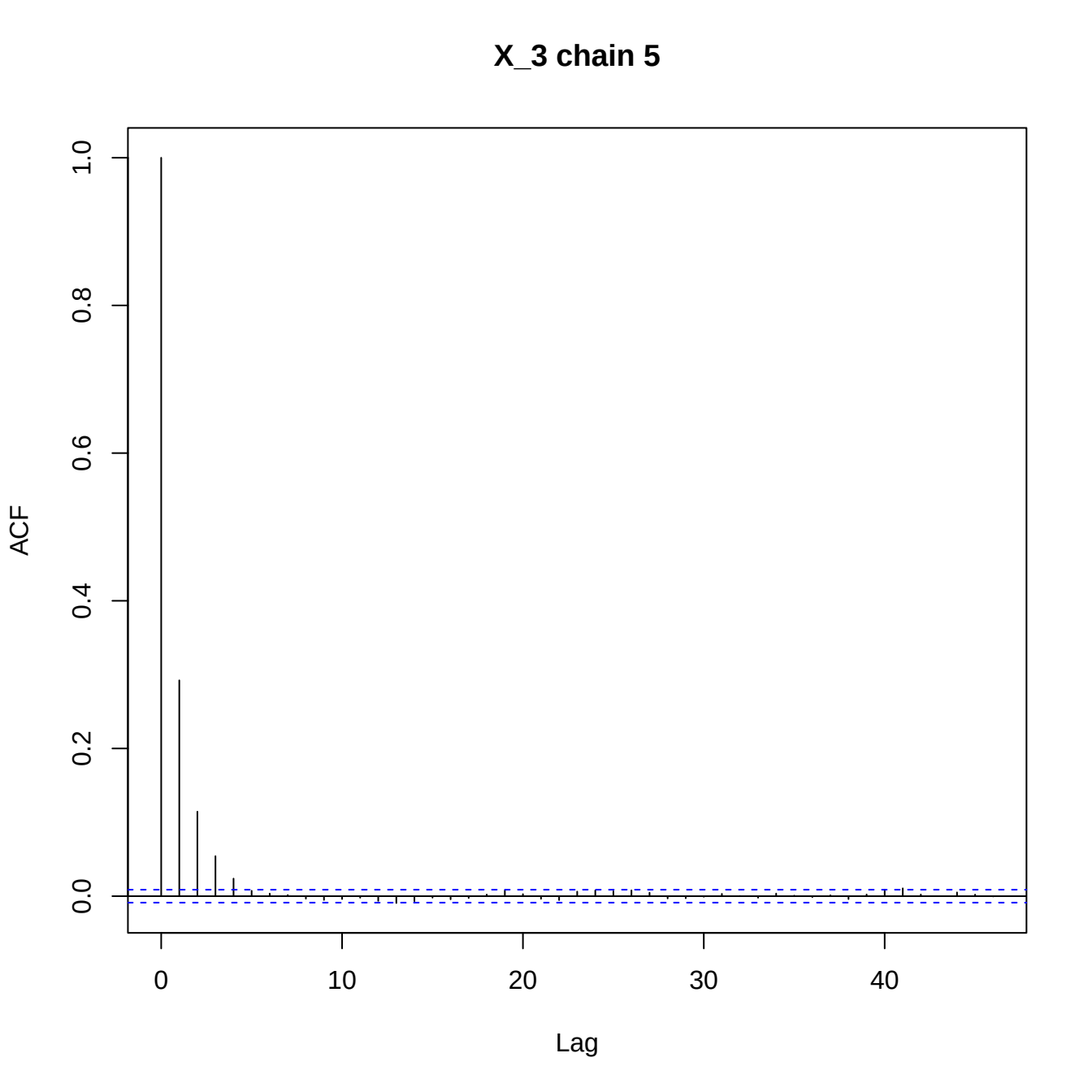
Lag


X_3 chain 5
ACF
1.0
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0.6
0.4
0.2
0.0
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20
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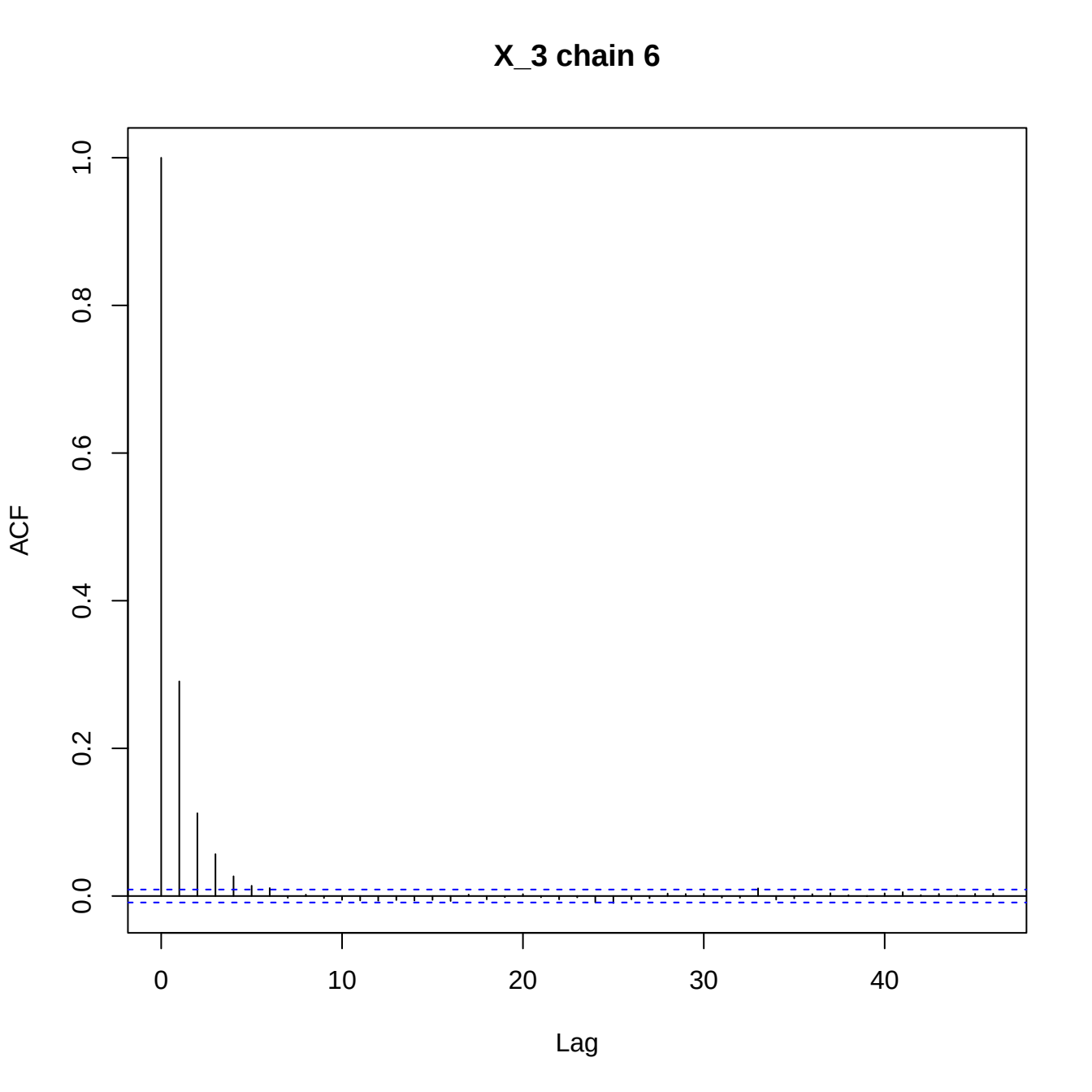
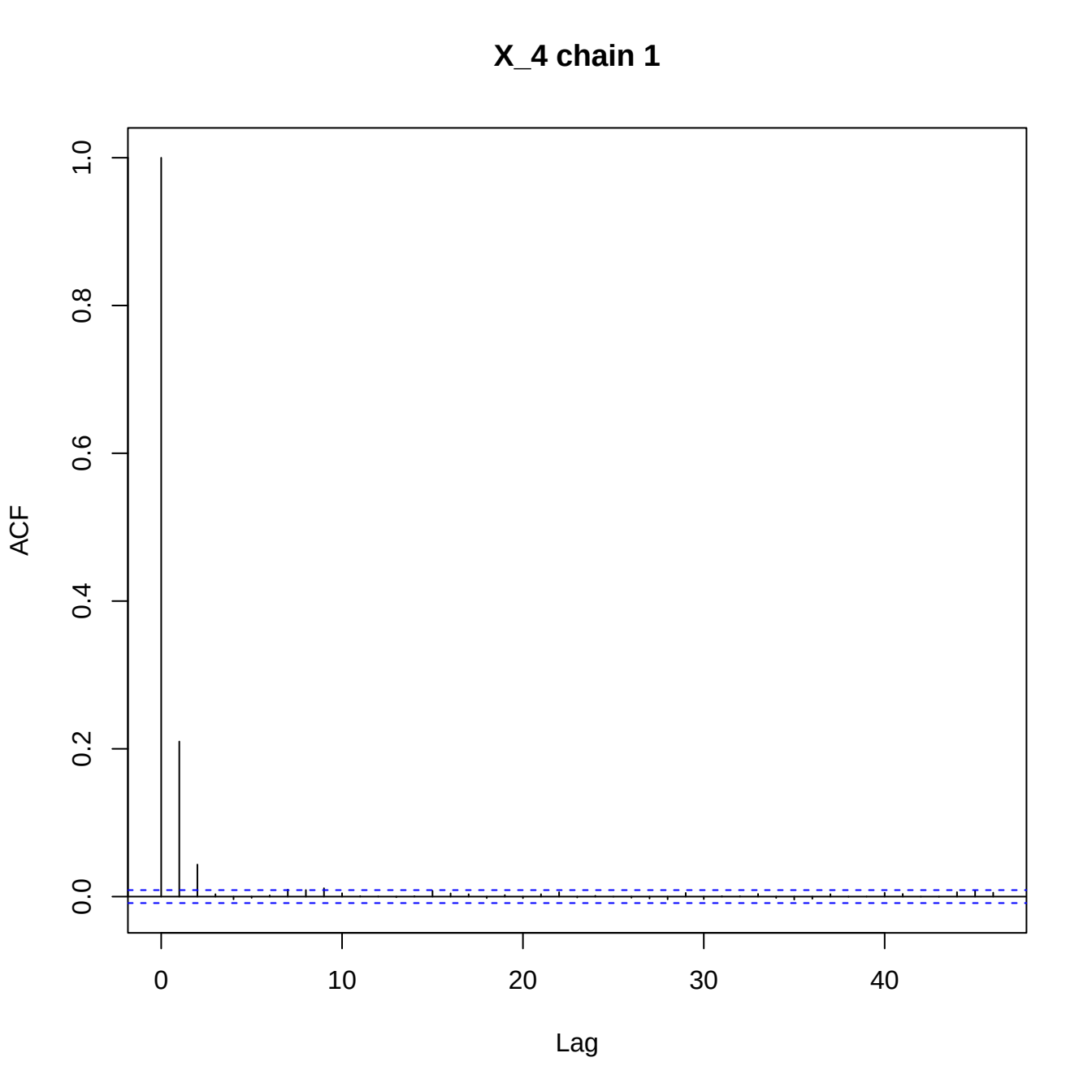
40
Lag


X_3 chain 6
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
10
20
30
40
Lag


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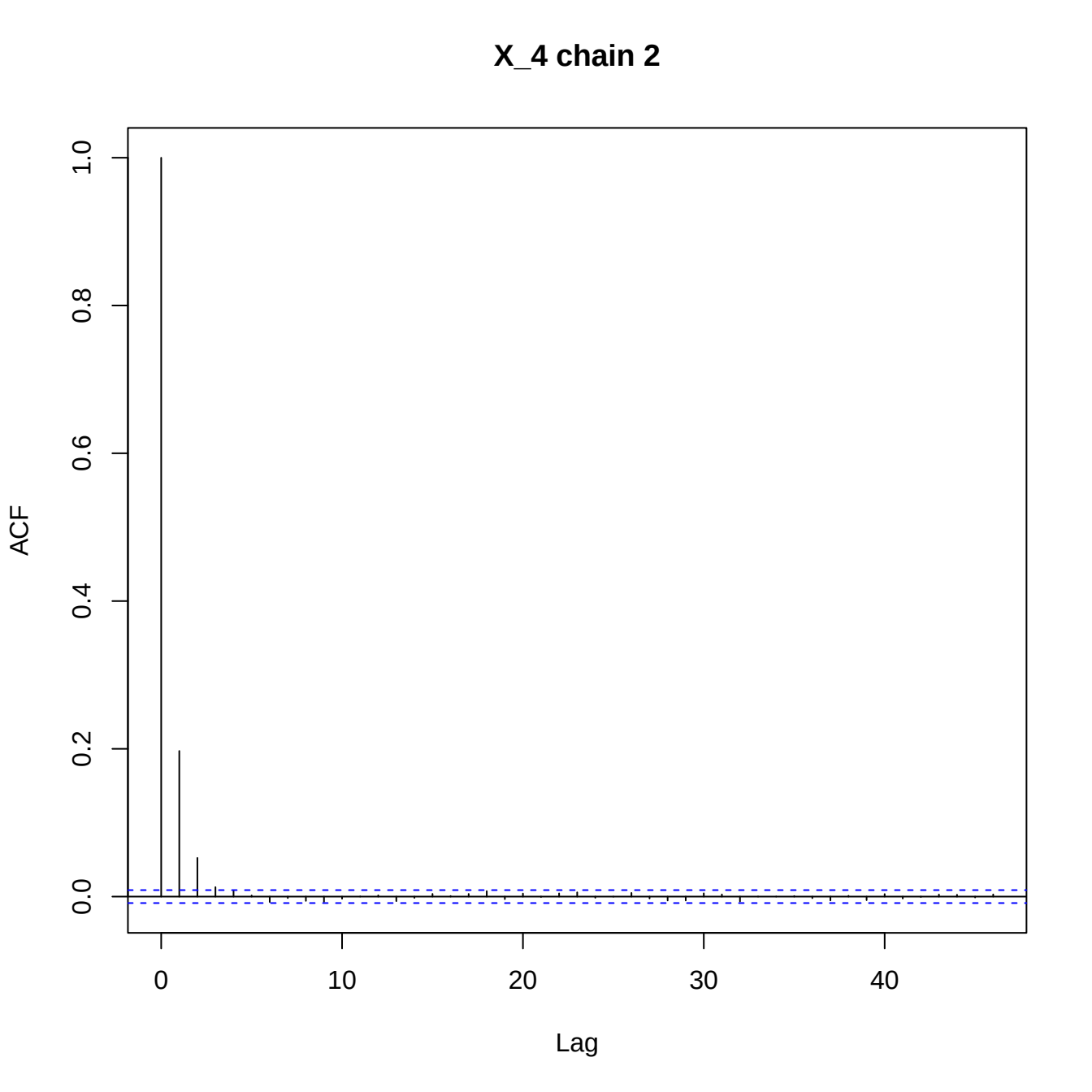
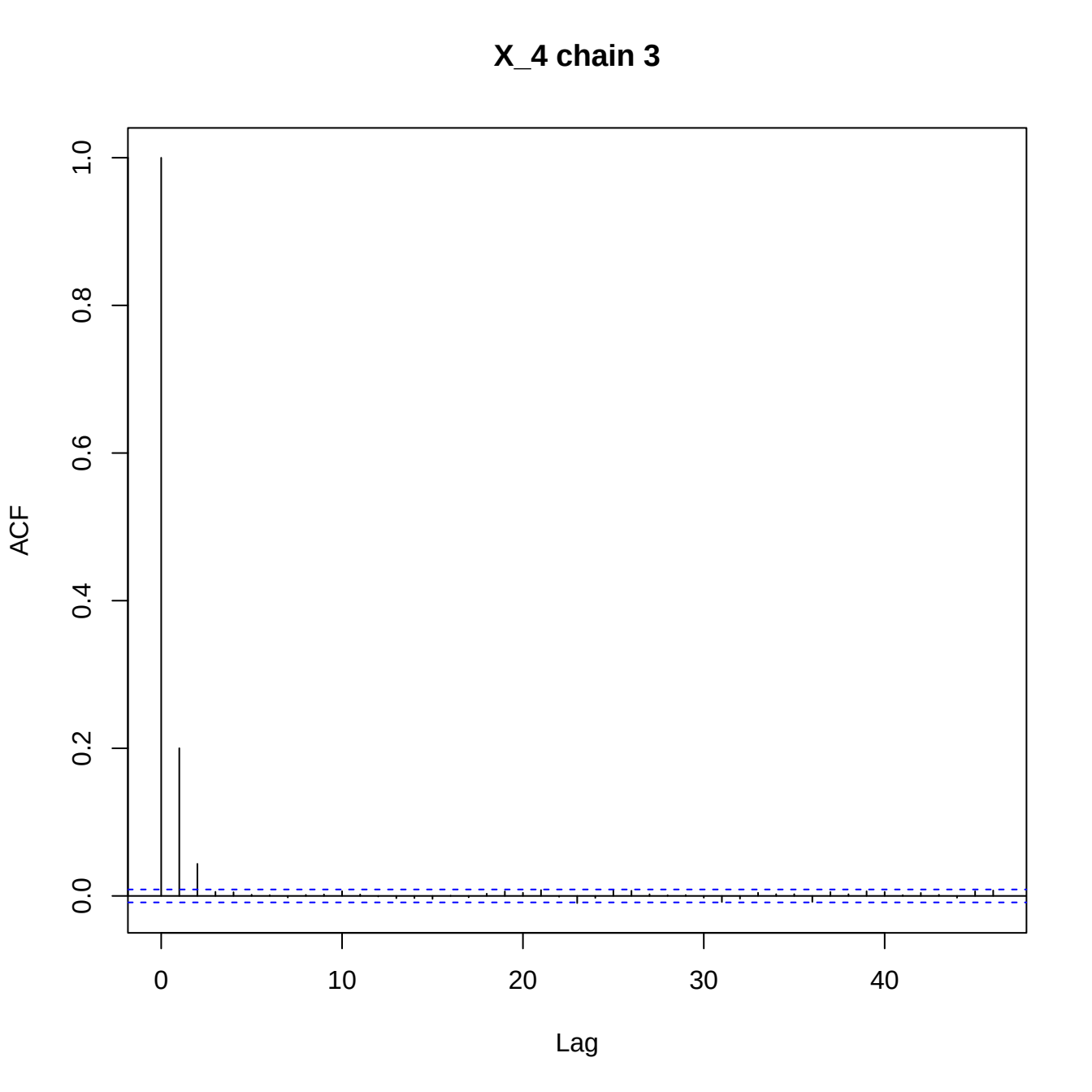
0.6
0.4
0.2
0.0
0
10
20
30
40
Lag


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
1.0
0.8
0.6
0.4
0.2
0.0
0
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20
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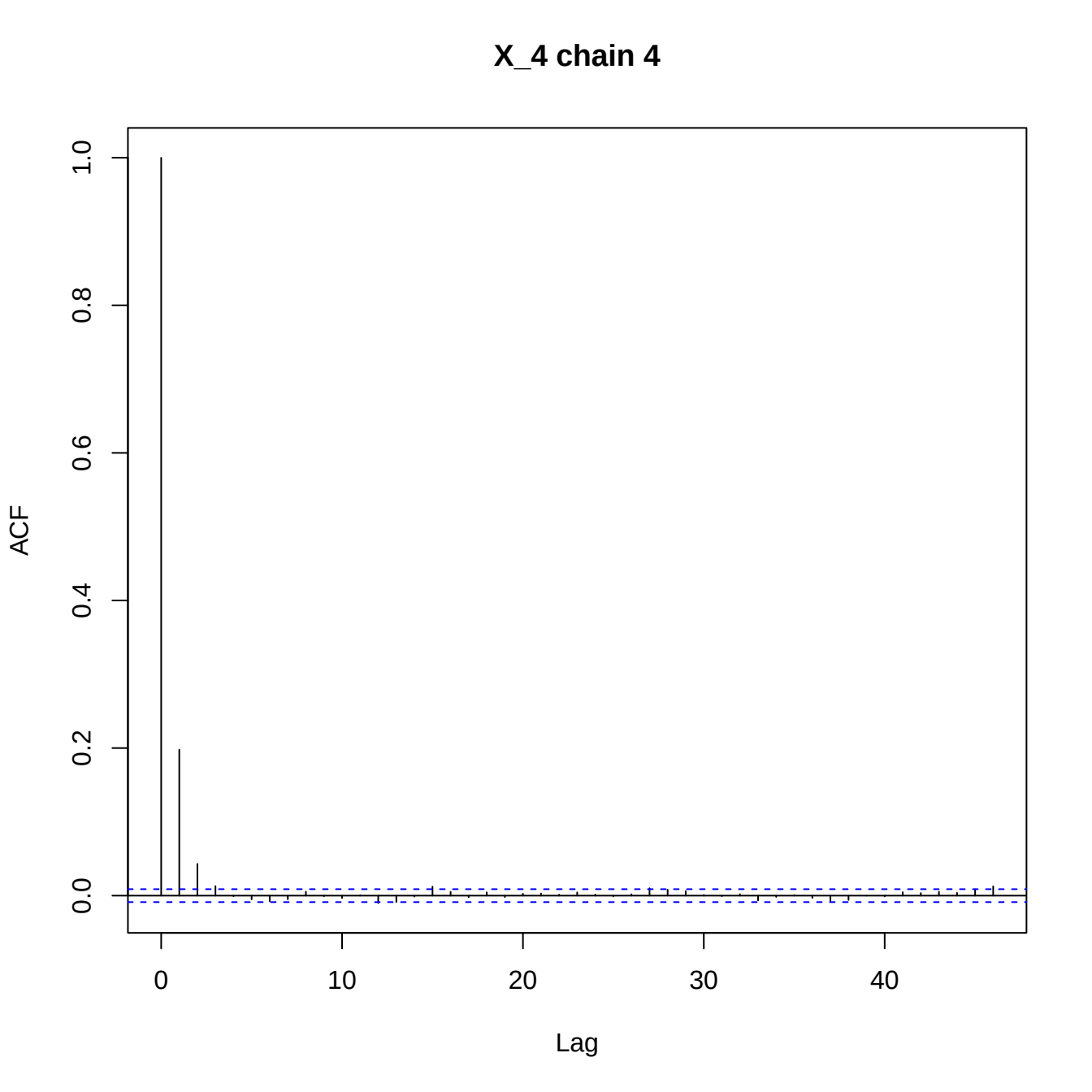
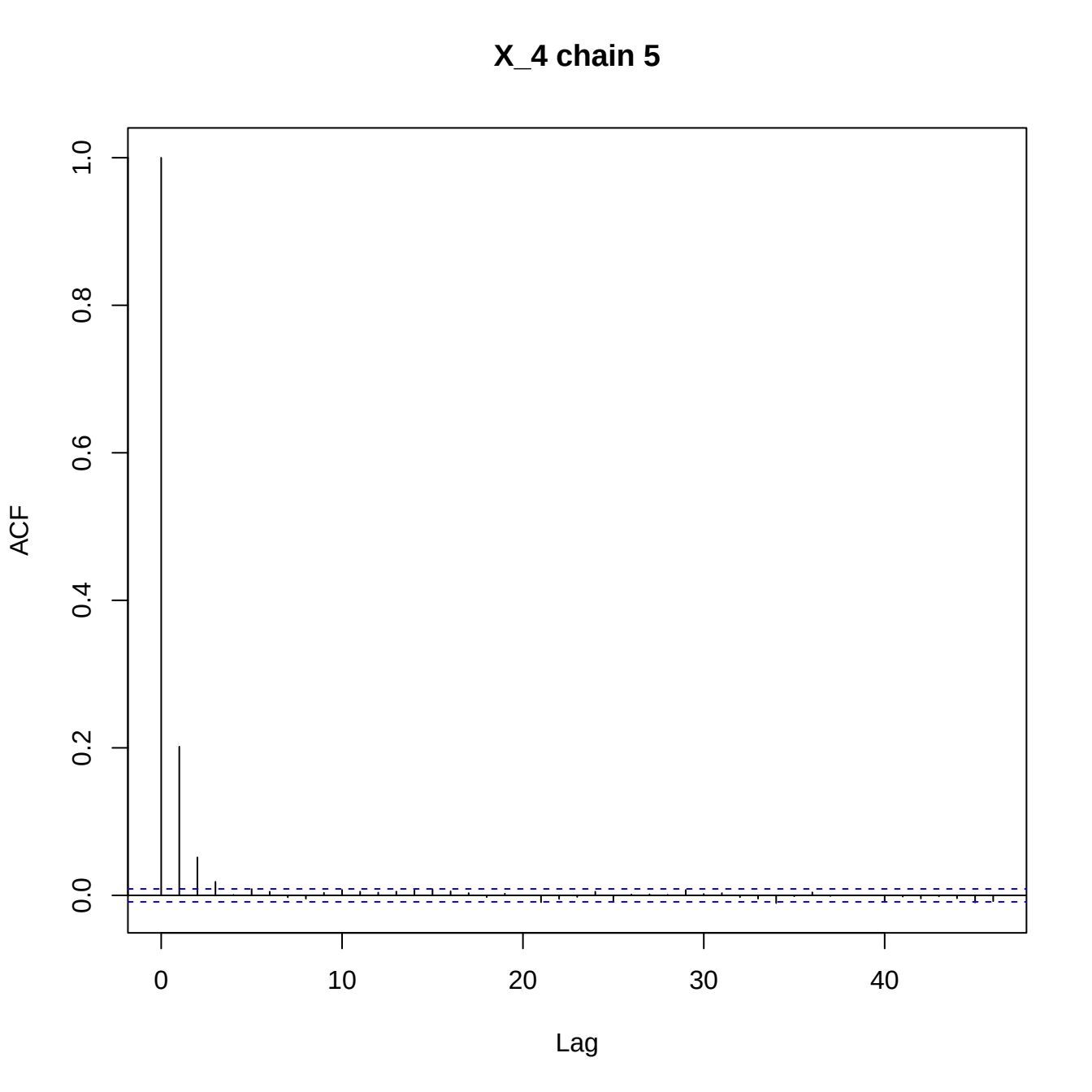
40
Lag


X_4 chain 4
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
10
20
30
40
Lag


X_4 chain 5
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
10
20
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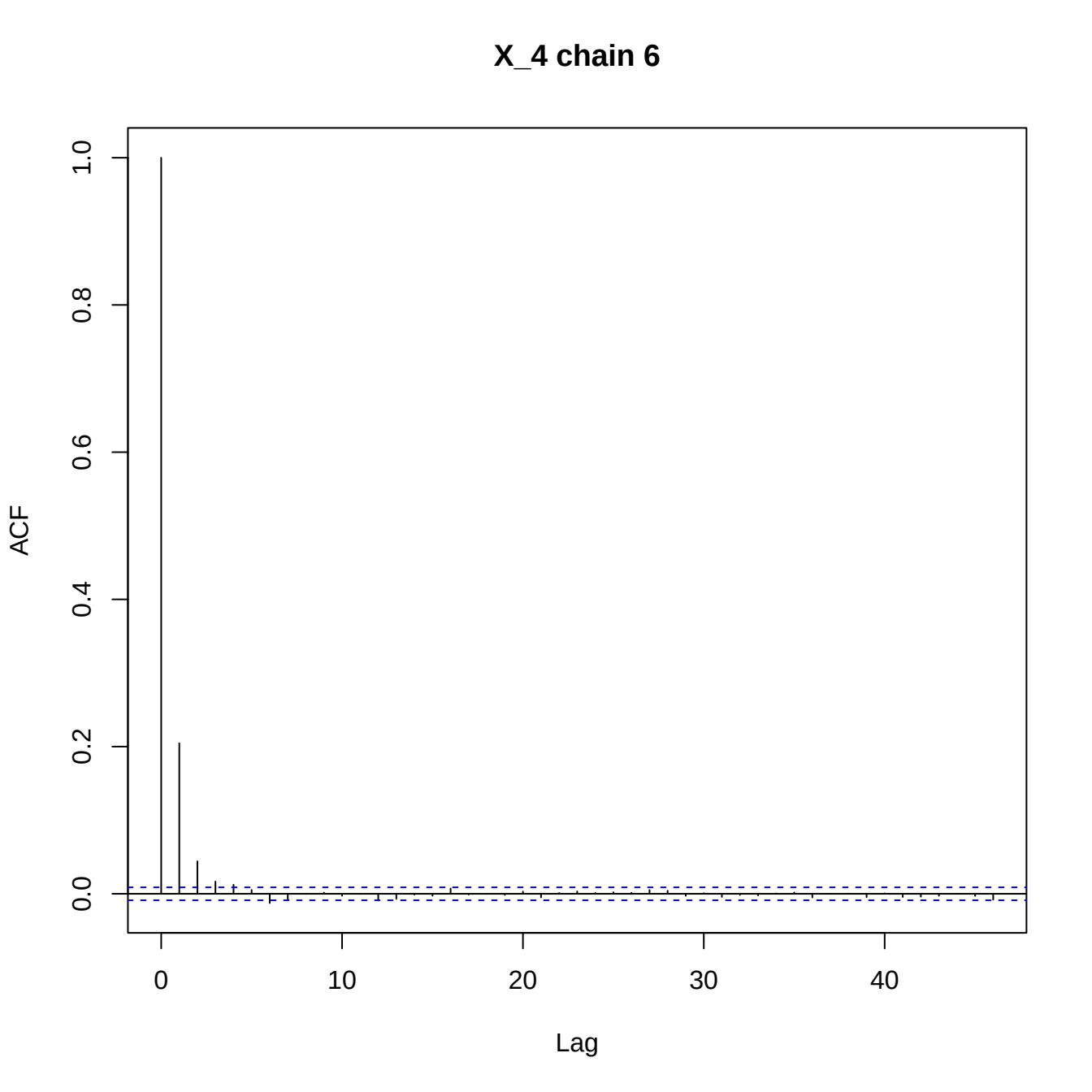
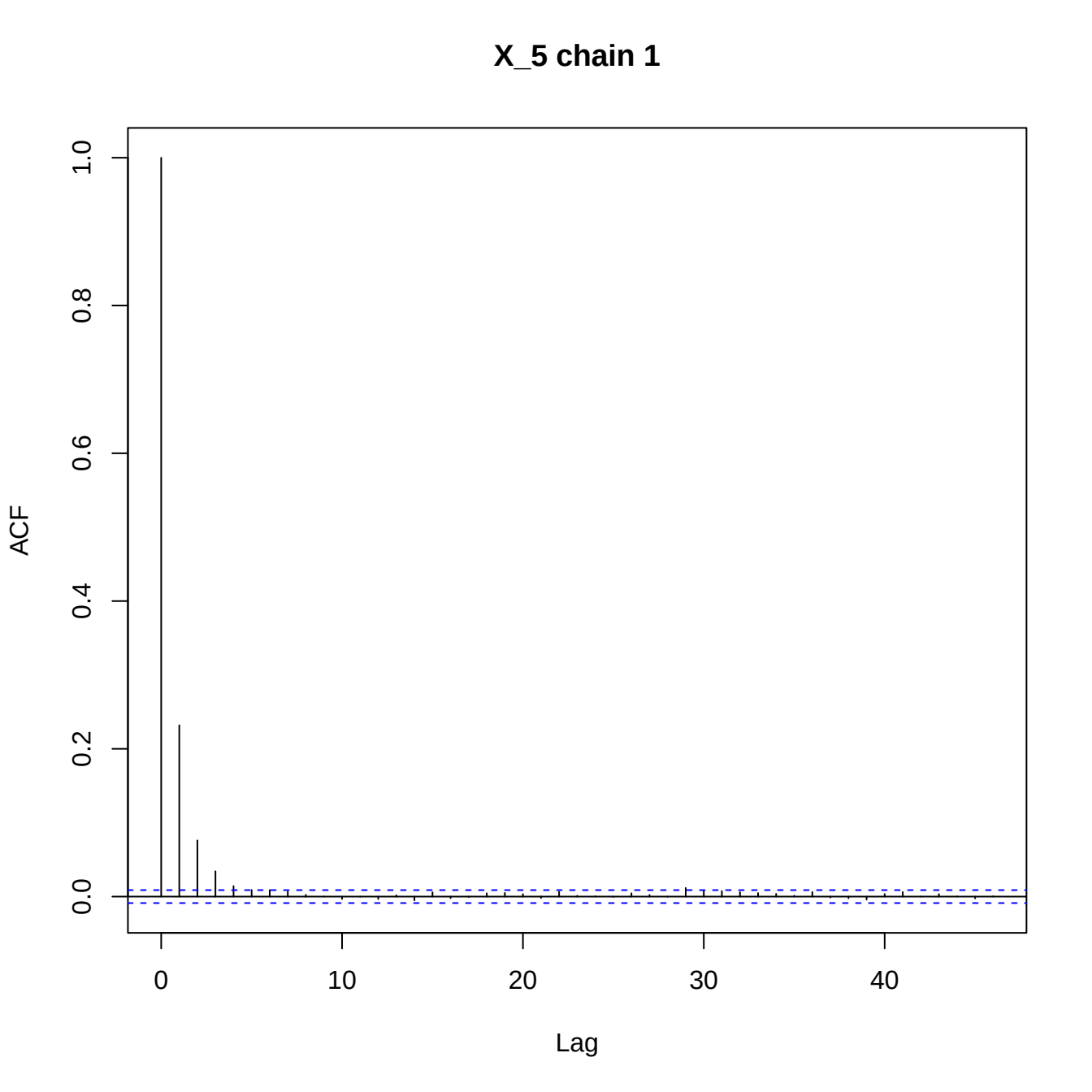
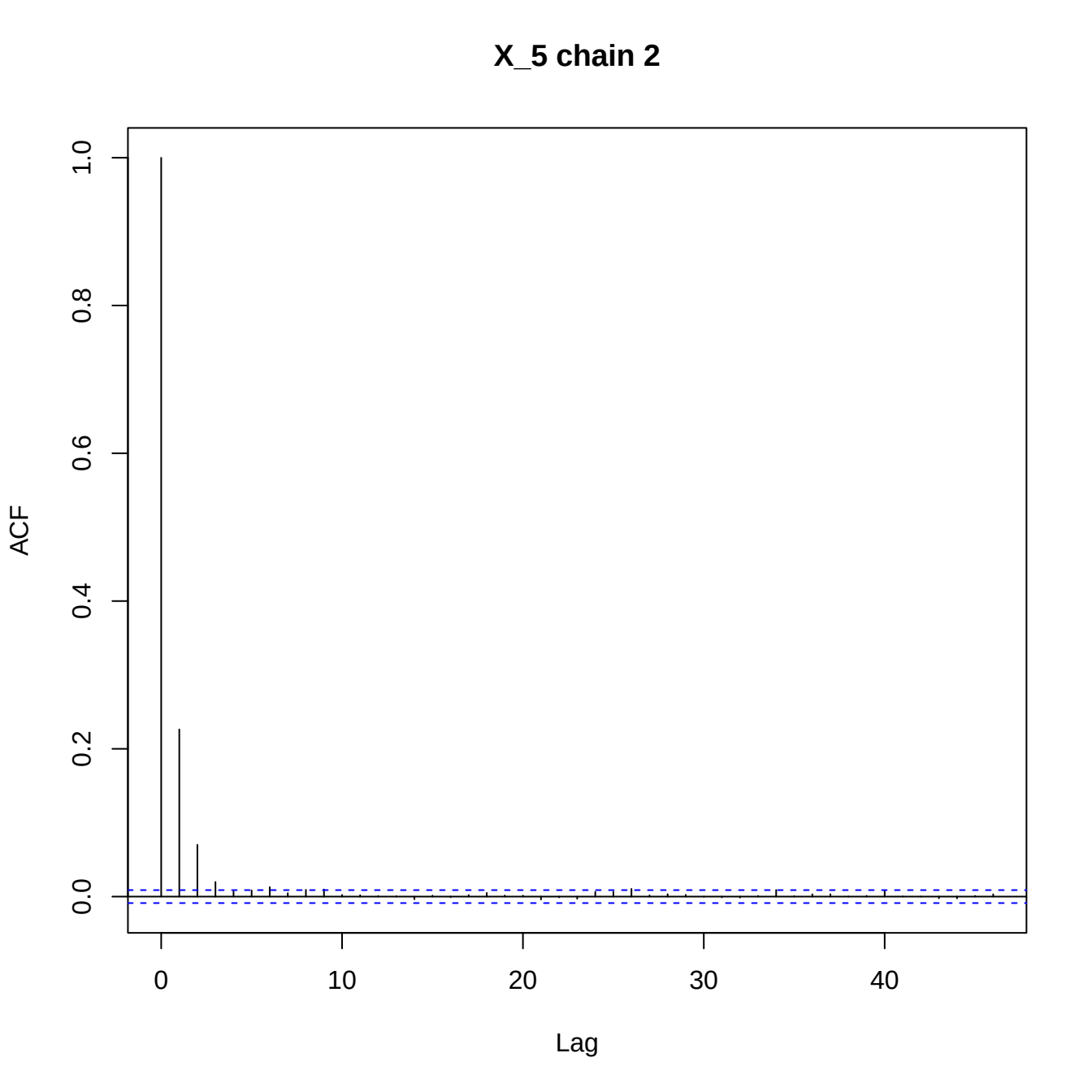
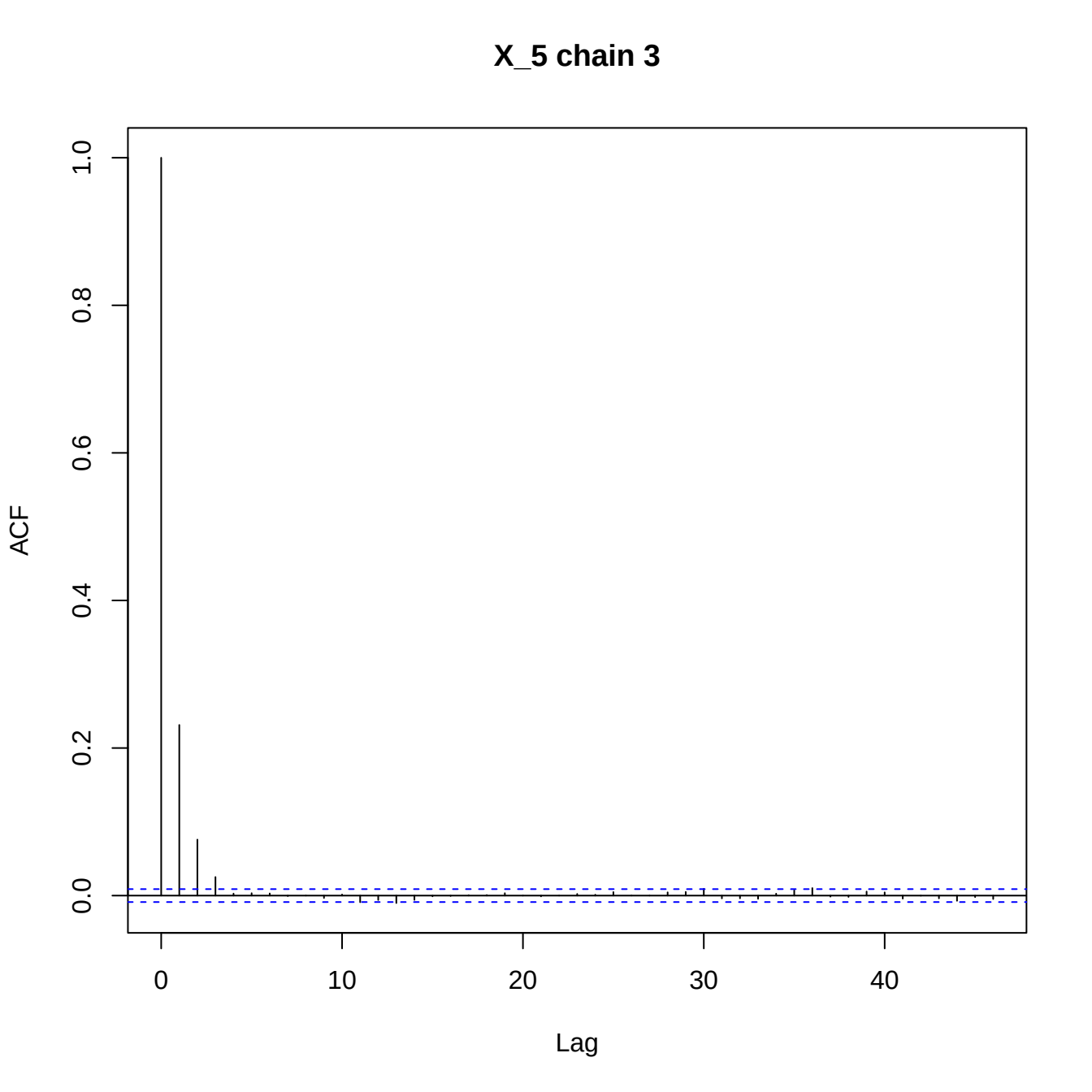
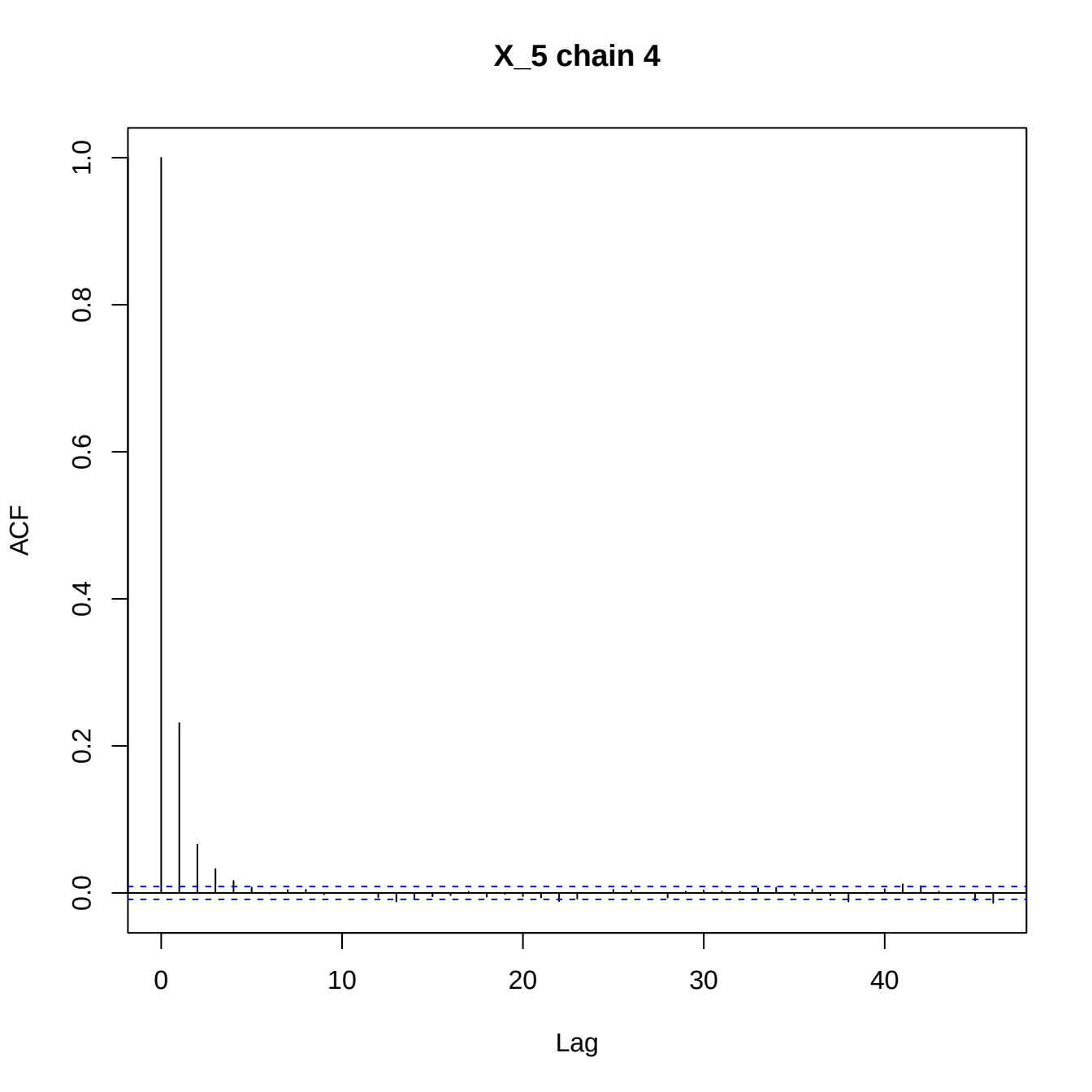
40
Lag

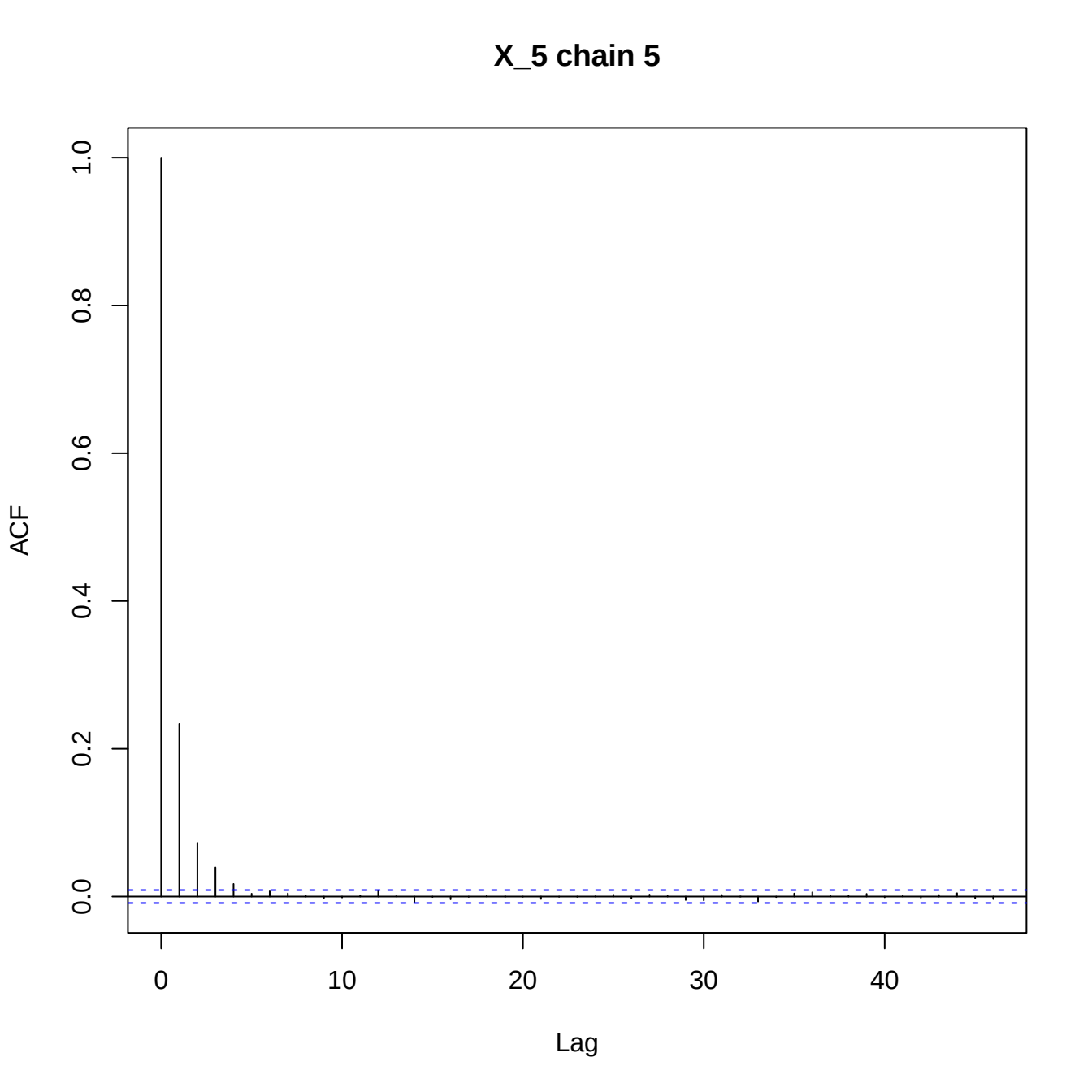

X_4 chain 6
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
10
20
30
40
Lag

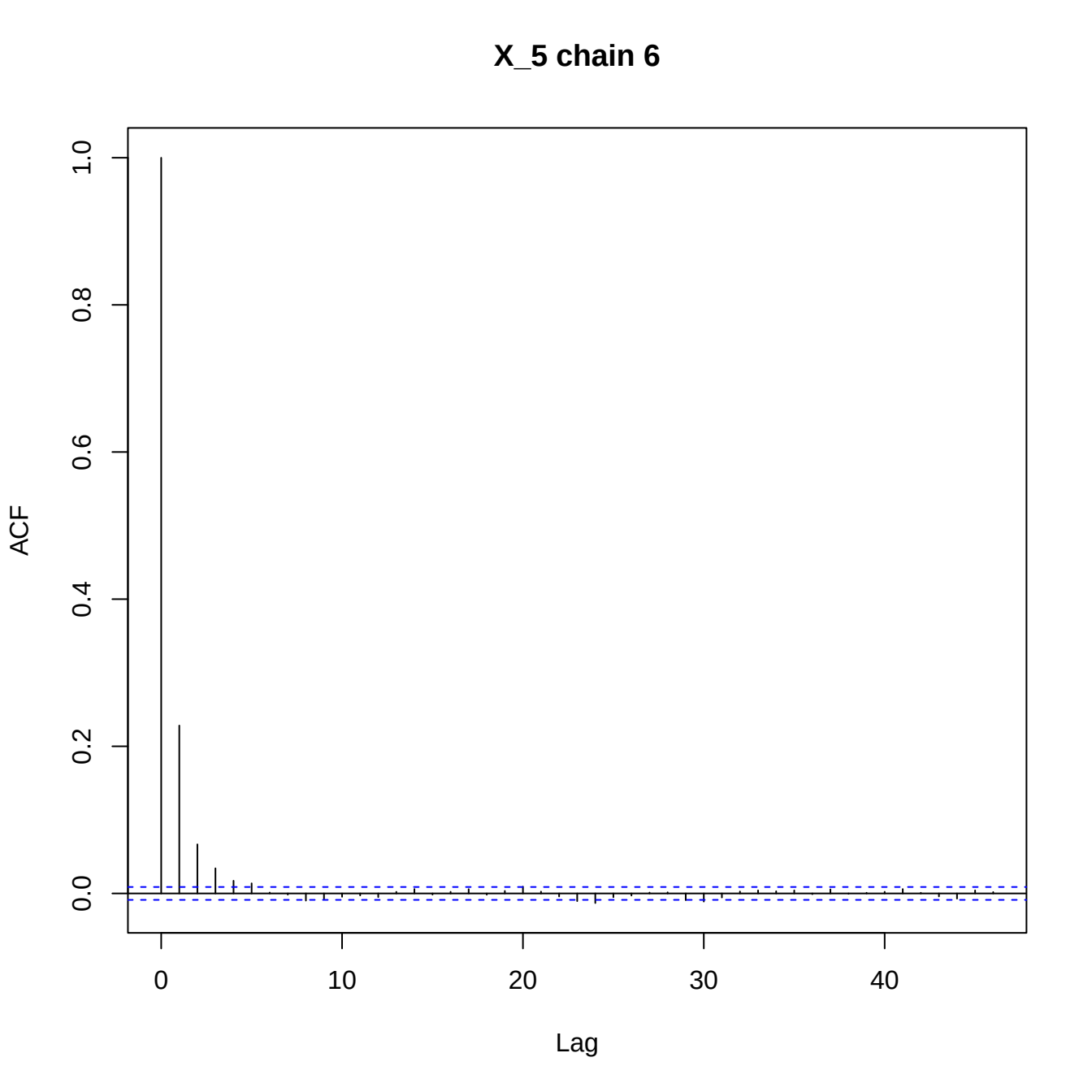

X_5 chain 1
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
10
20
30
40
Lag

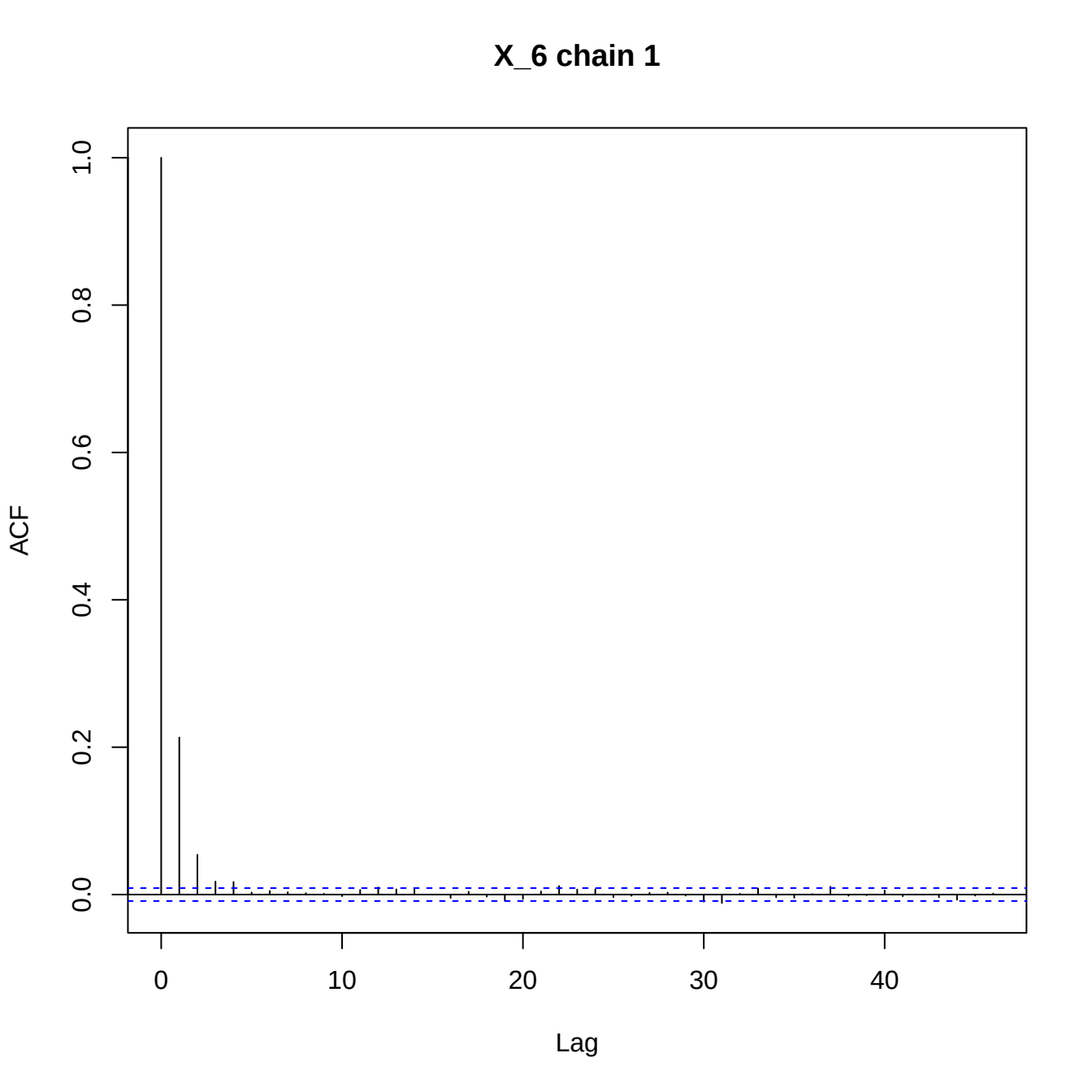

X_5 chain 2
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
10
20
30
40
Lag


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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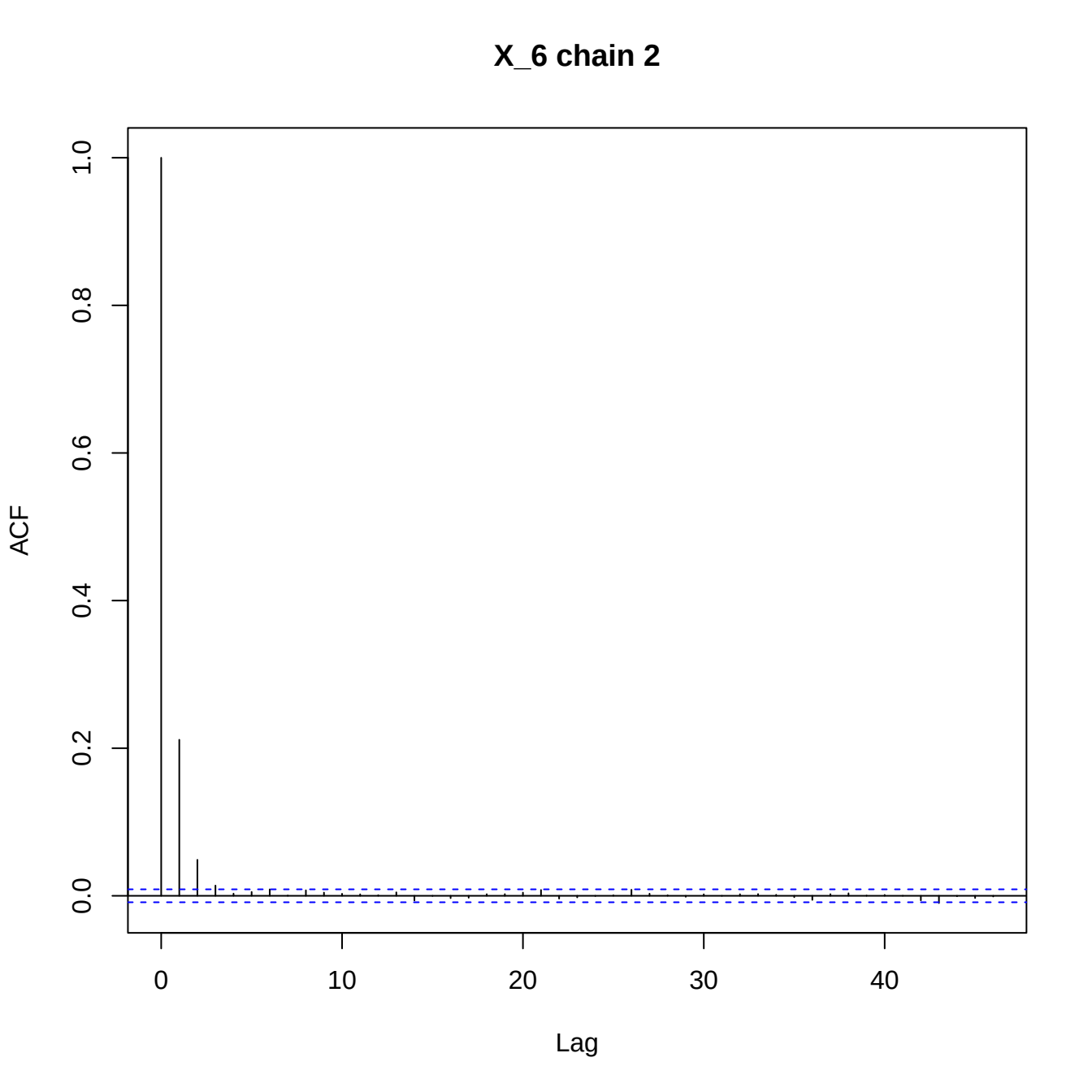
Lag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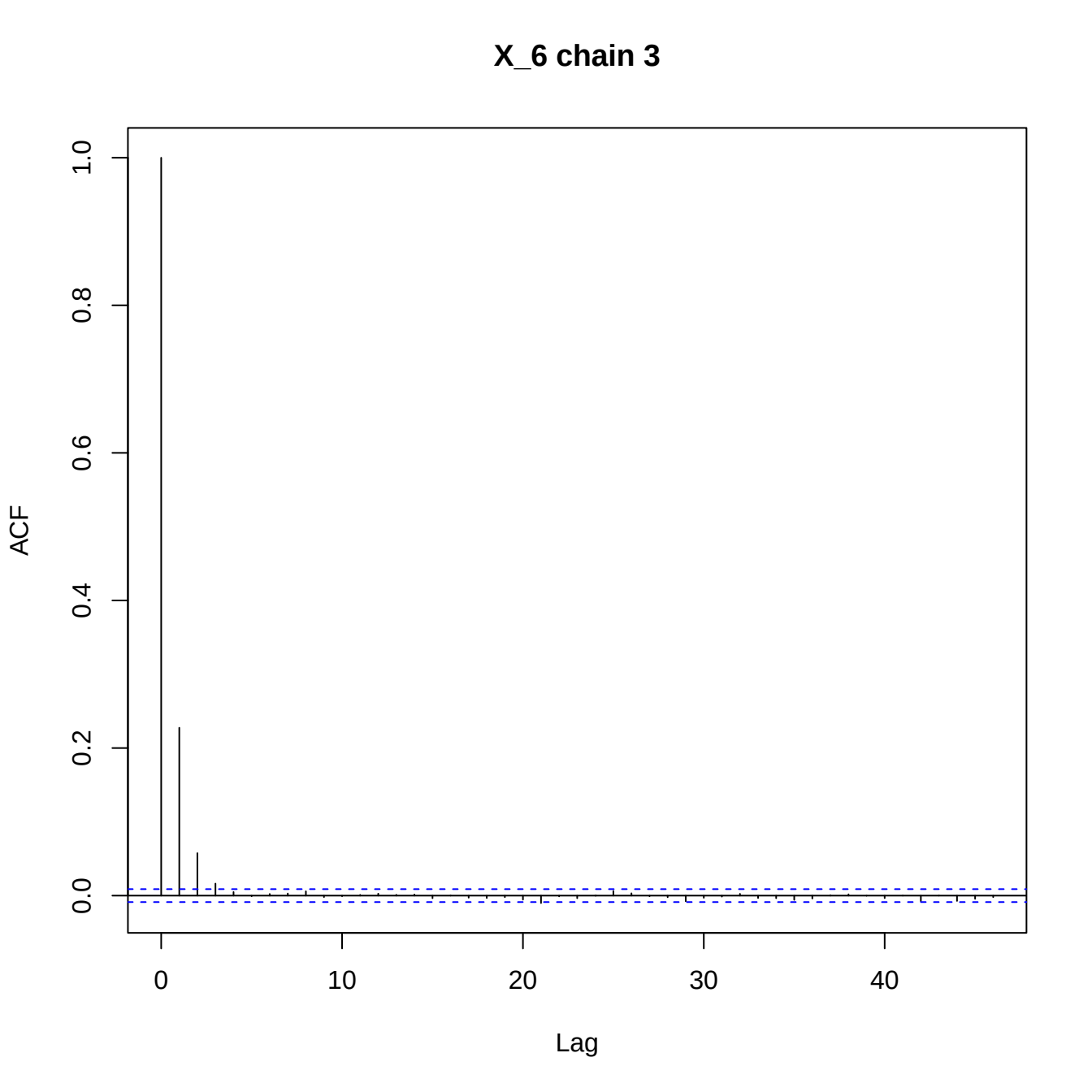
Lag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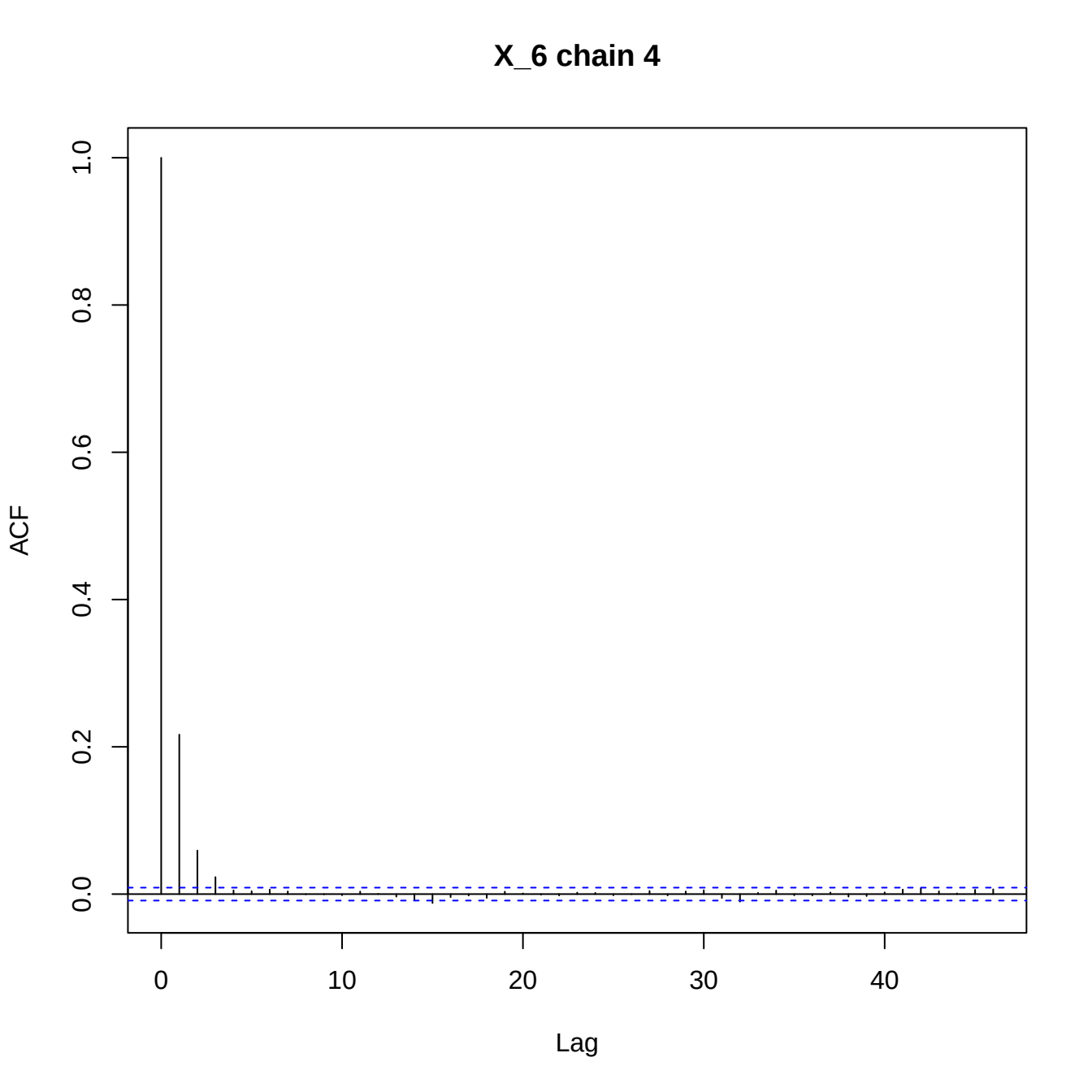
Lag


X_6 chain 4
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20
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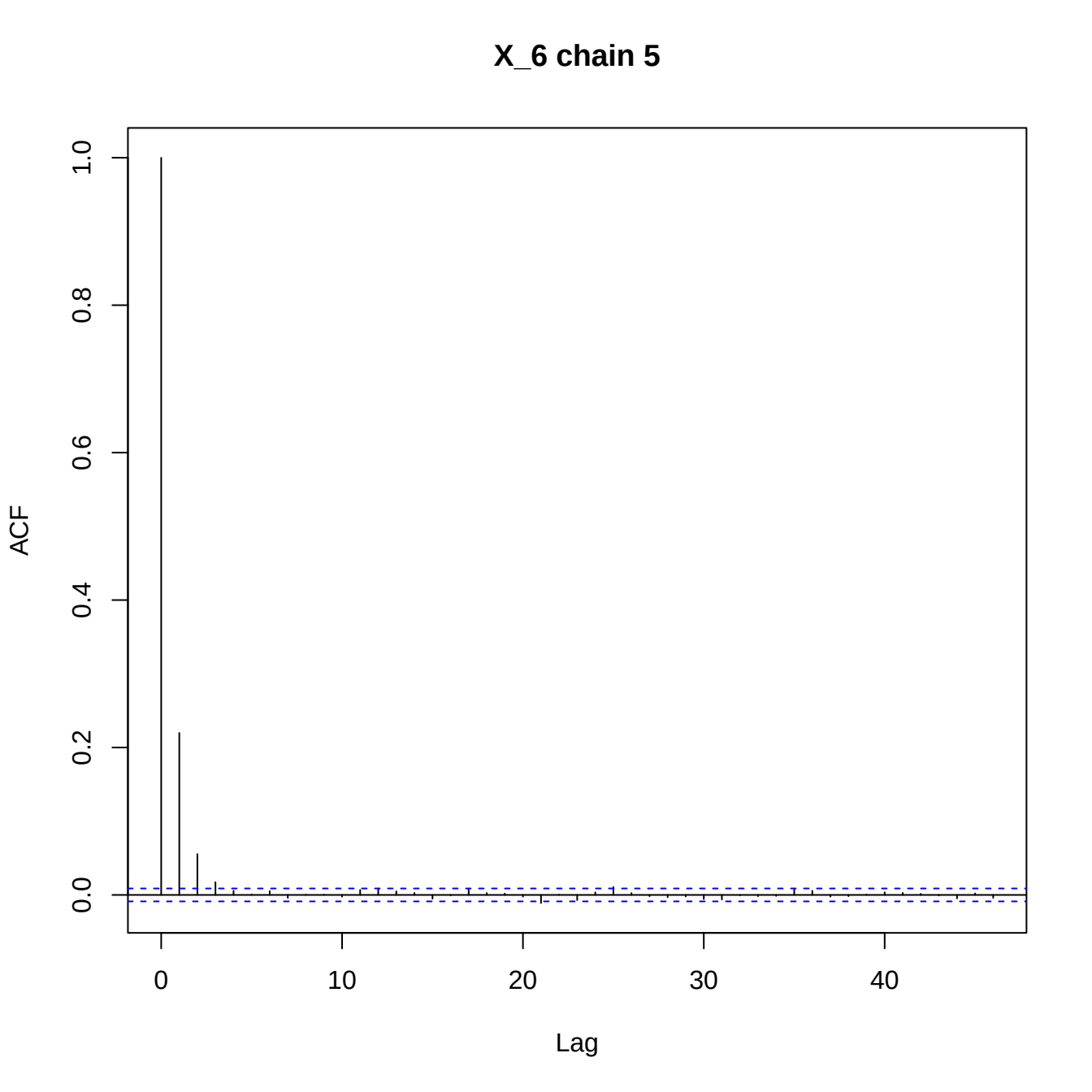
Lag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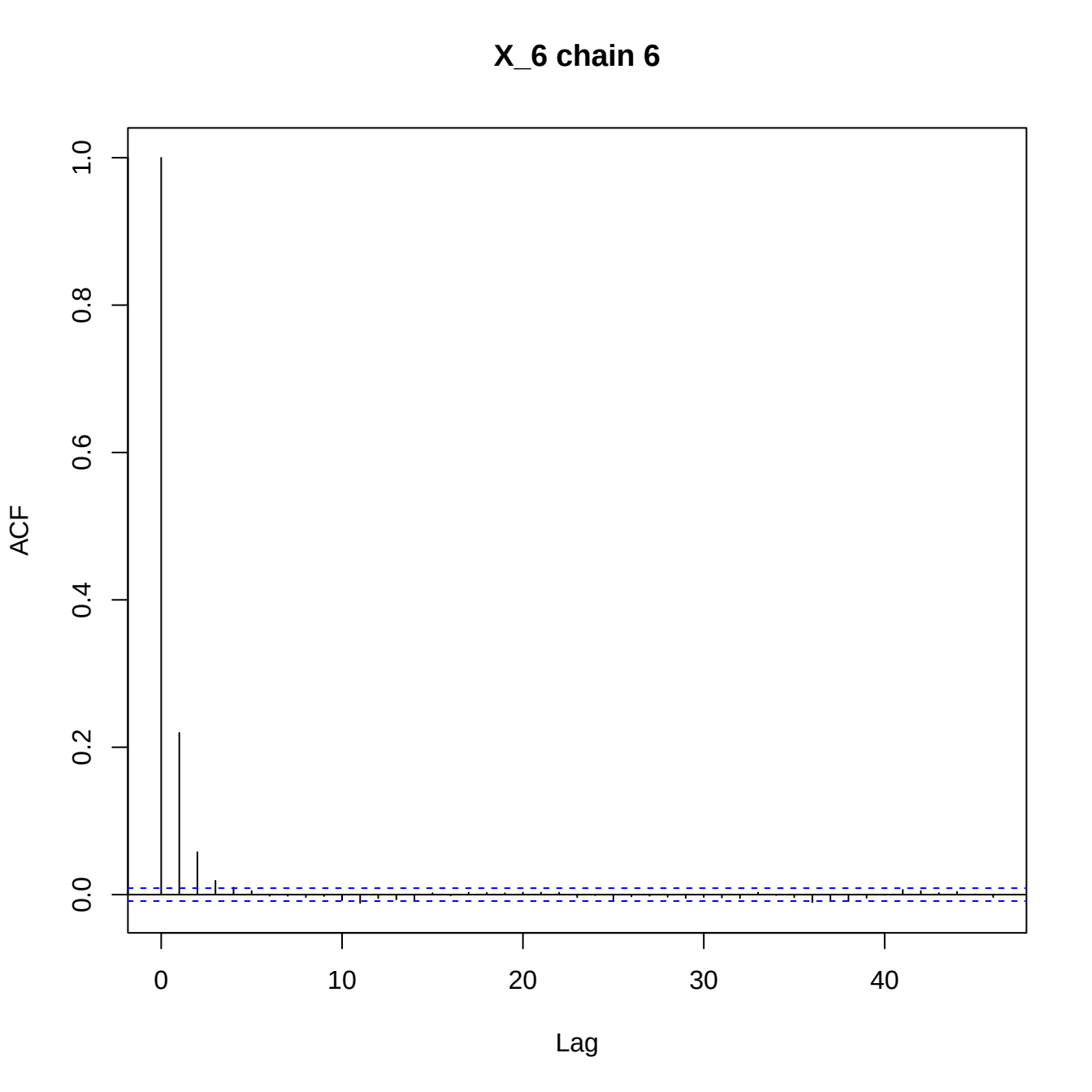
Lag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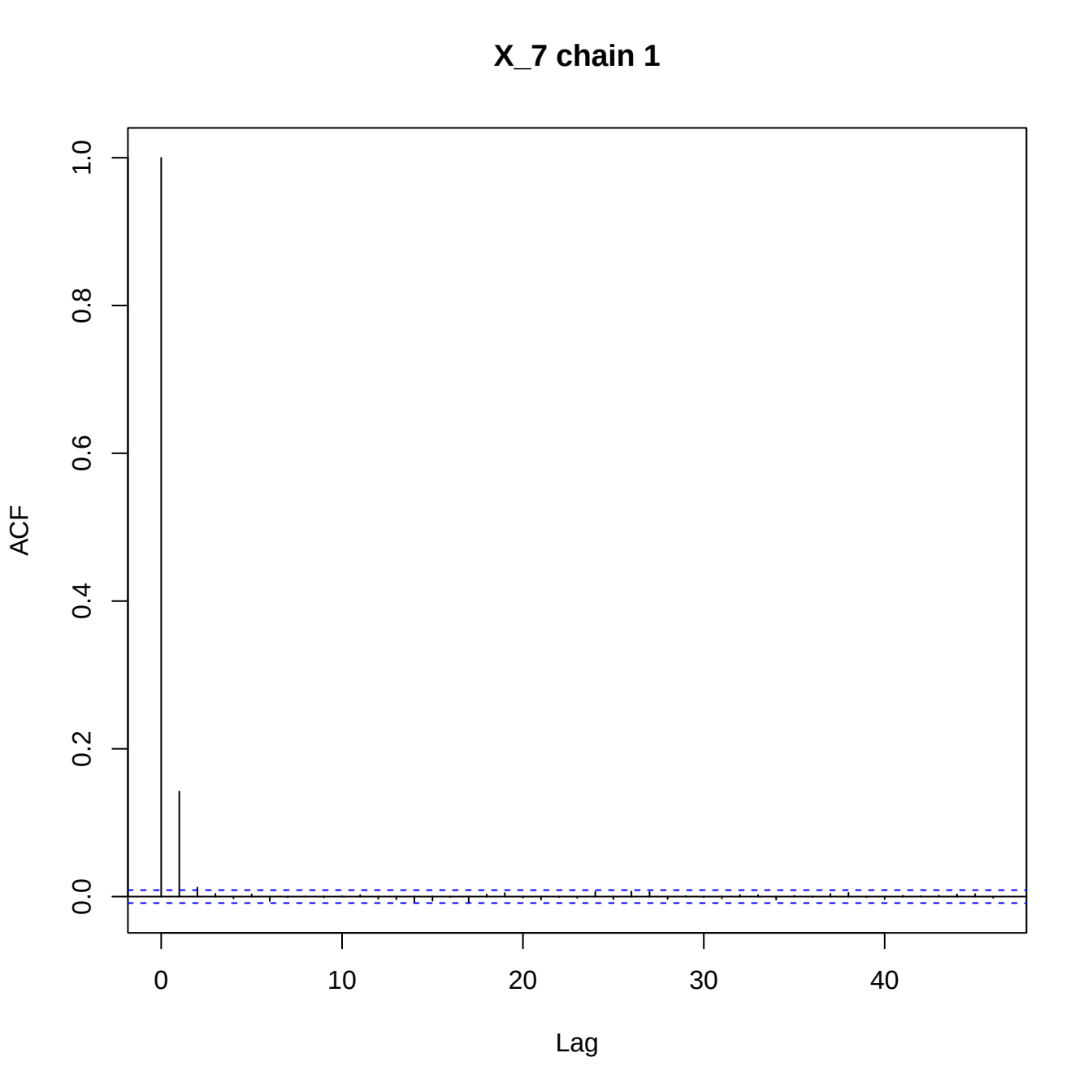
Lag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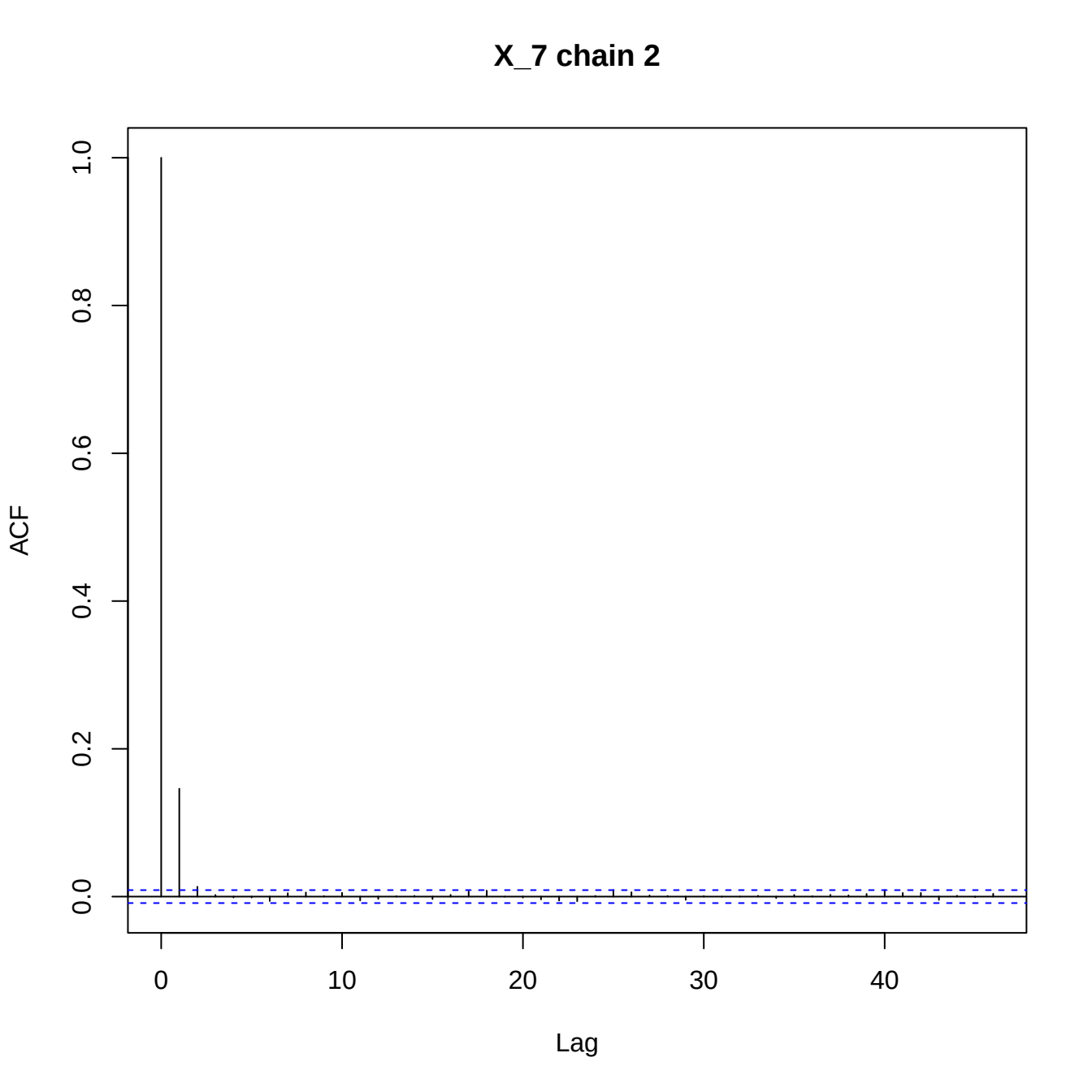
Lag


X_7 chain 2
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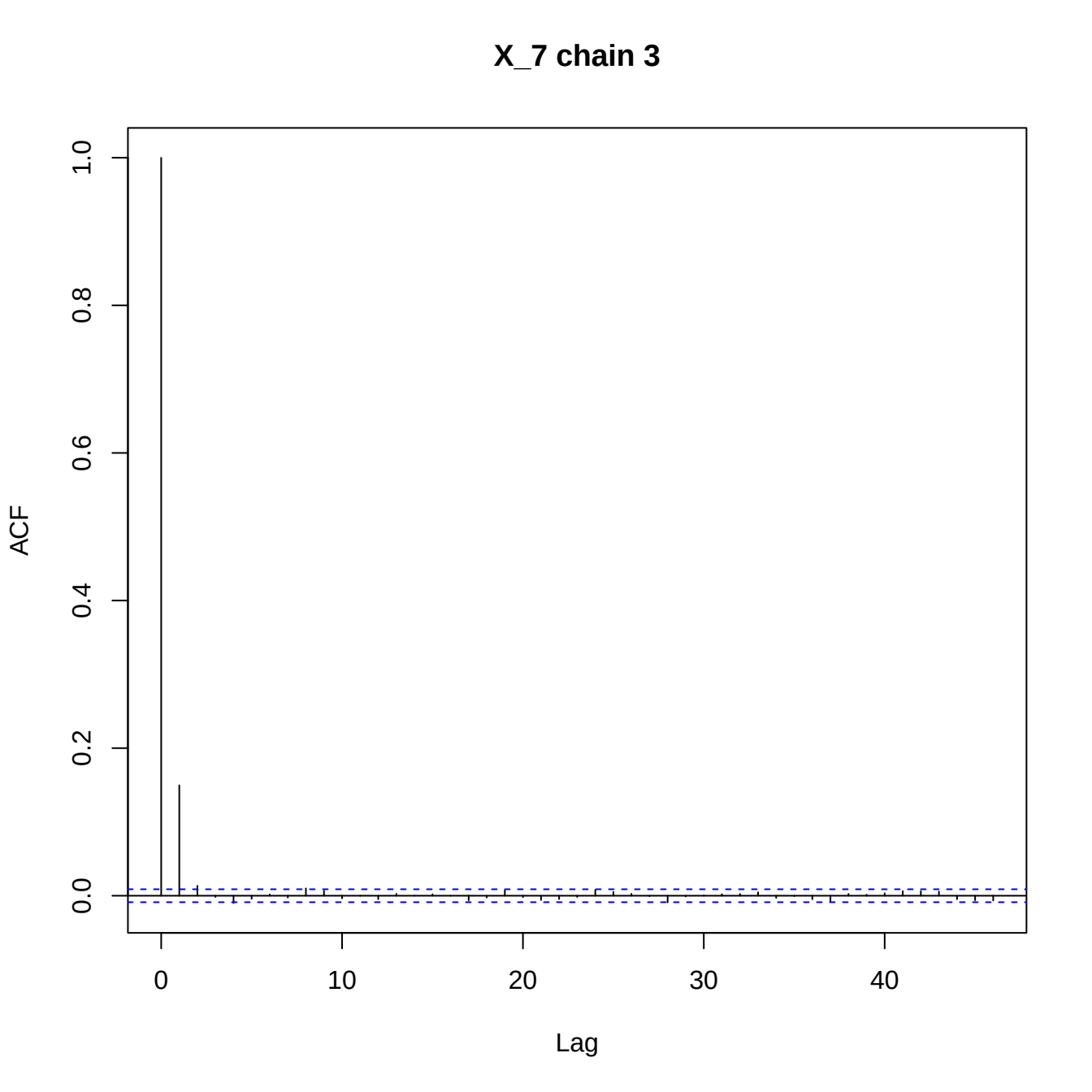
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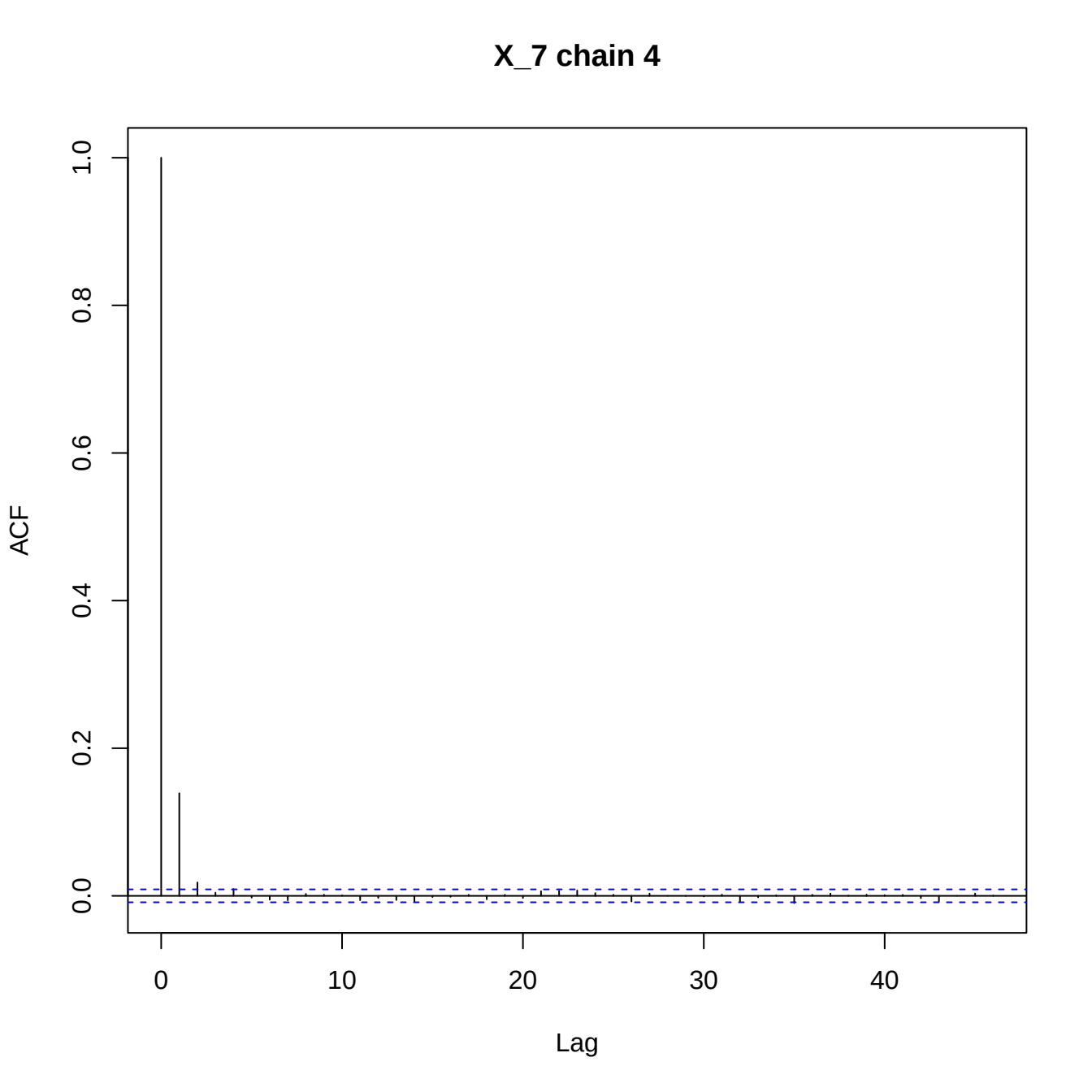
Lag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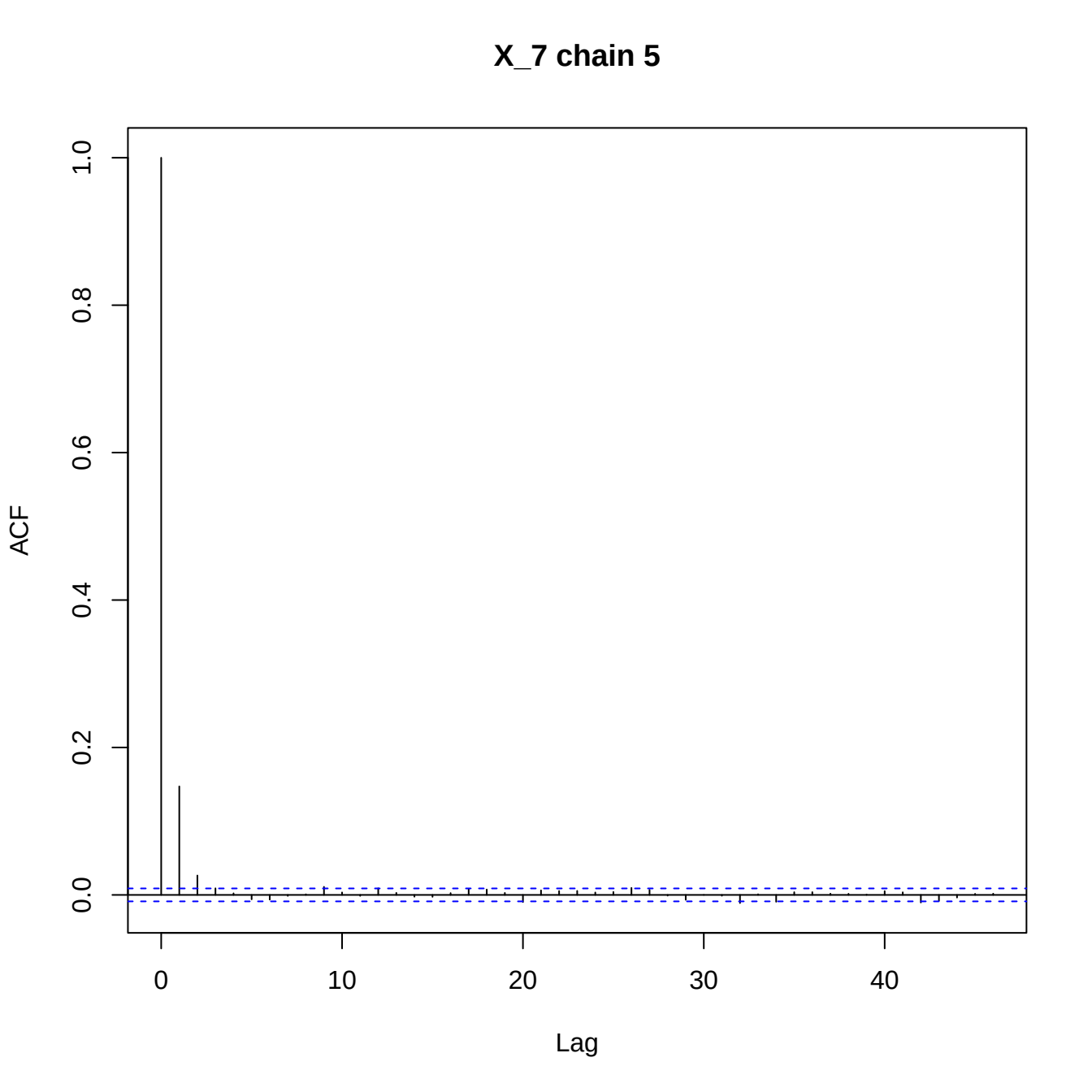
Lag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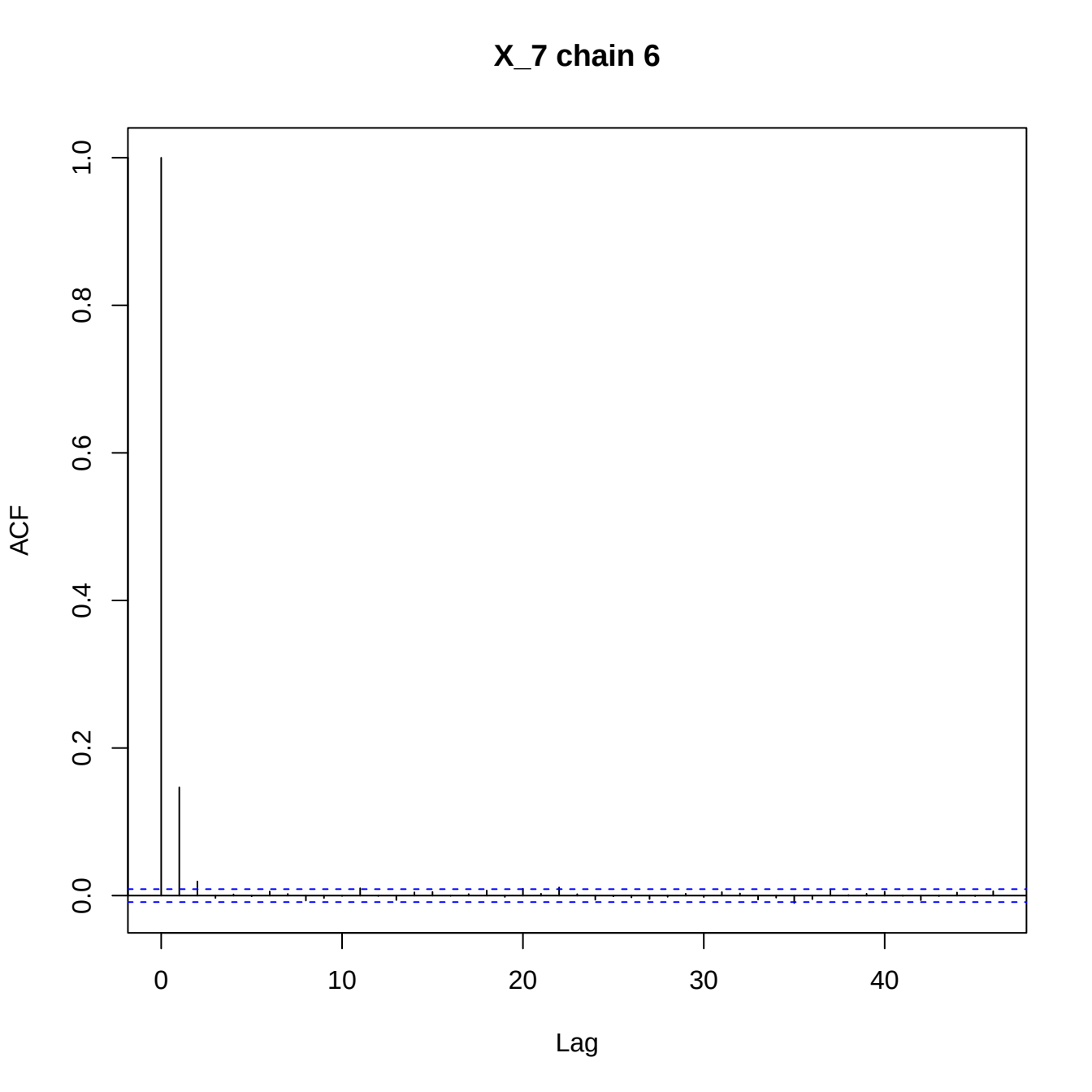
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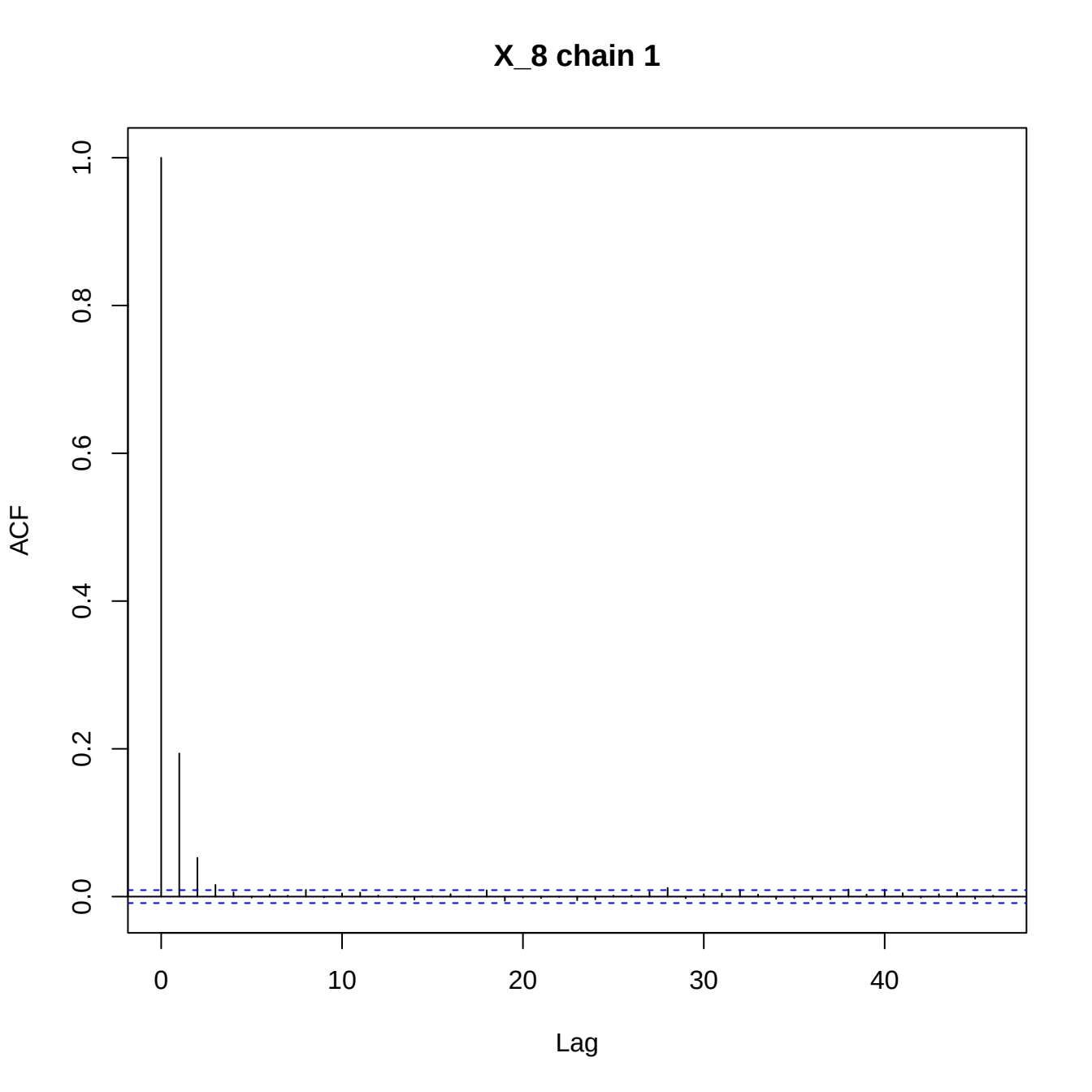
Lag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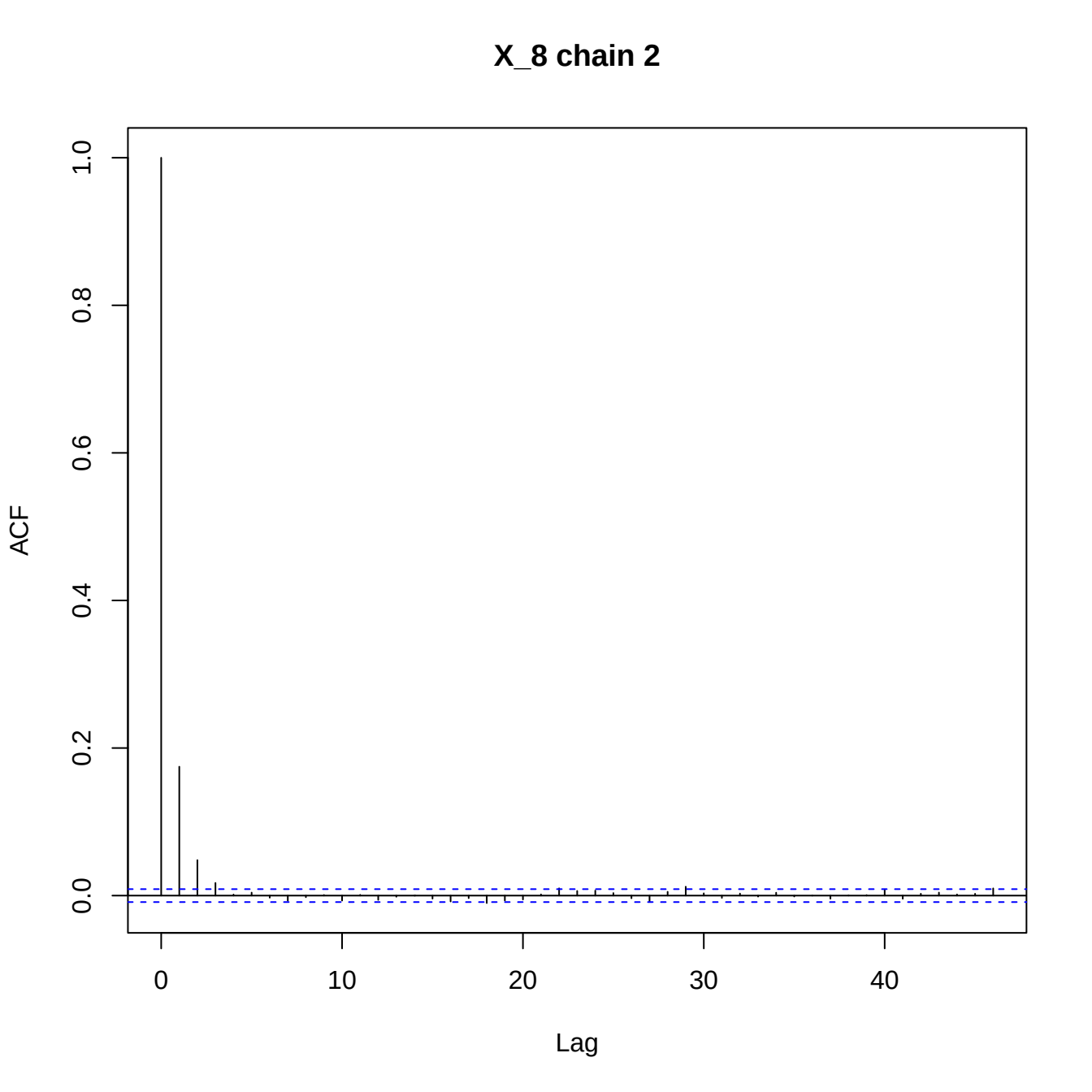
Lag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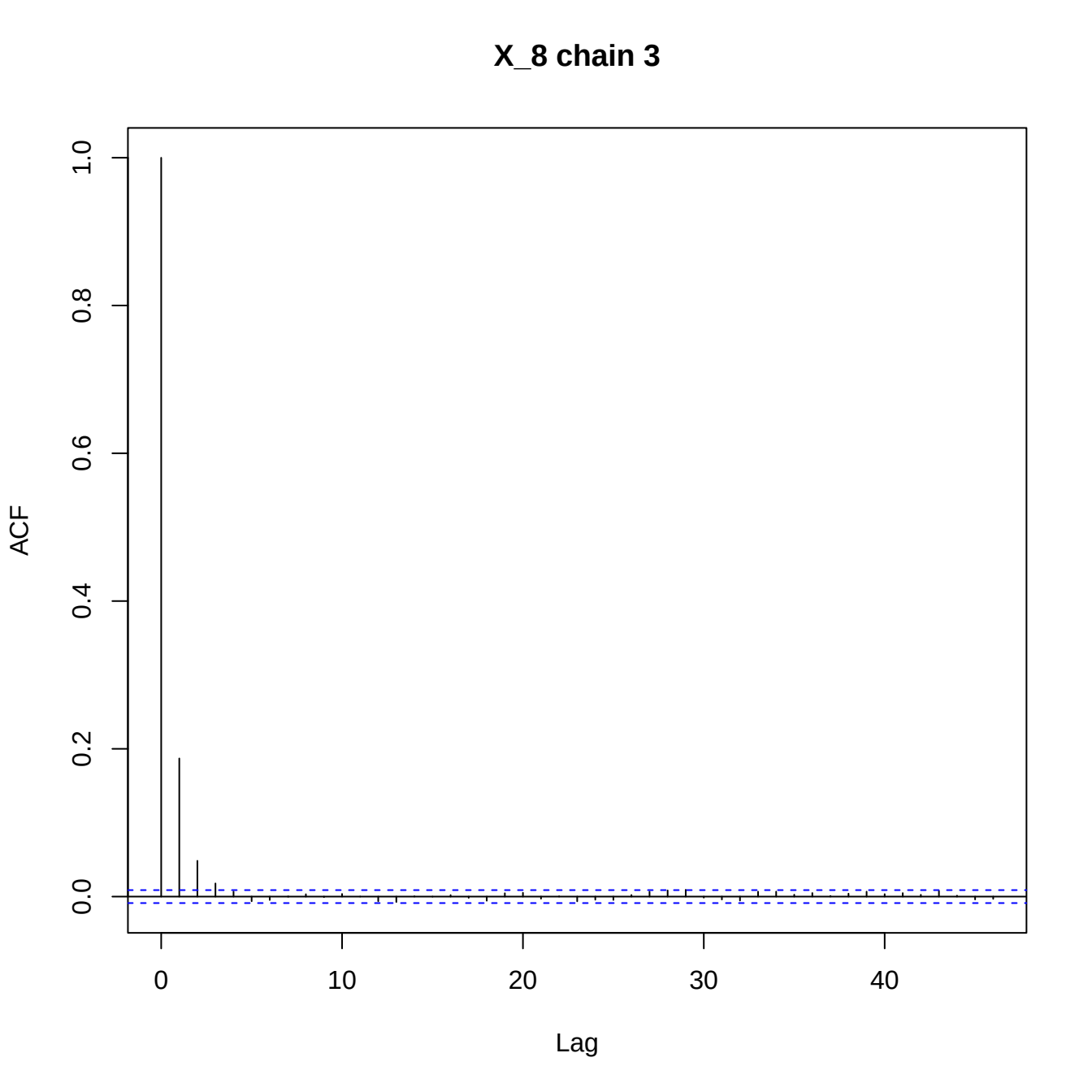
Lag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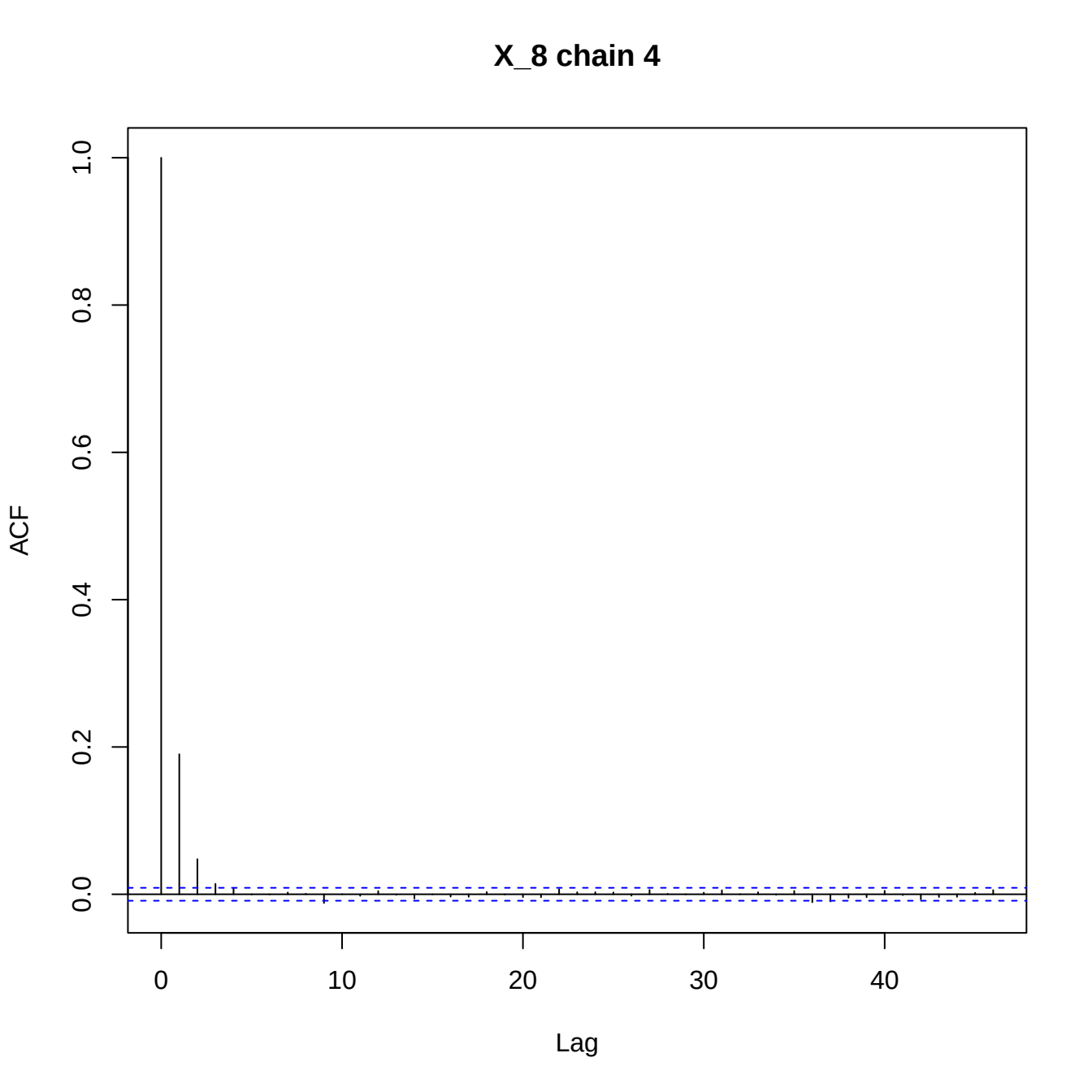
Lag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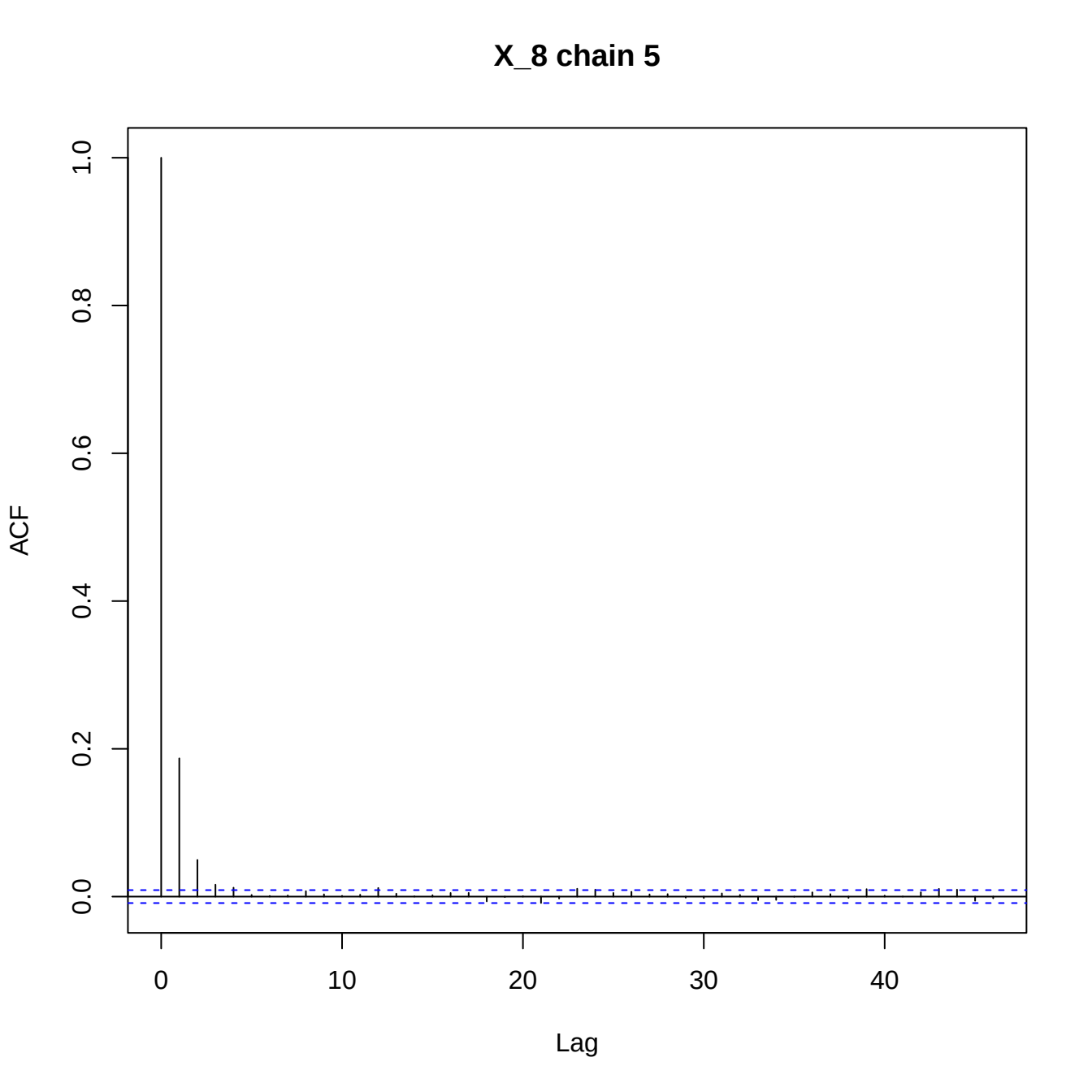
Lag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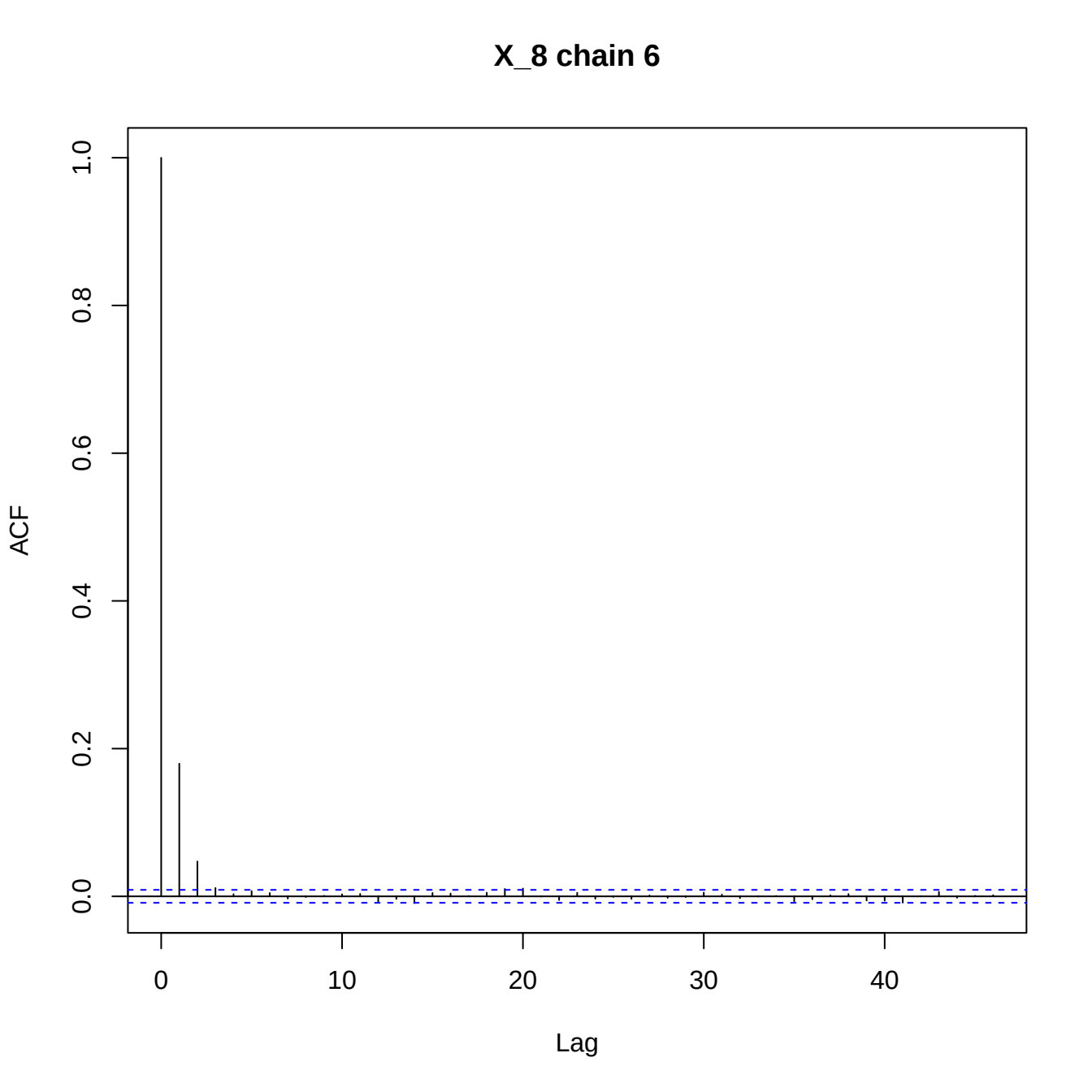
Lag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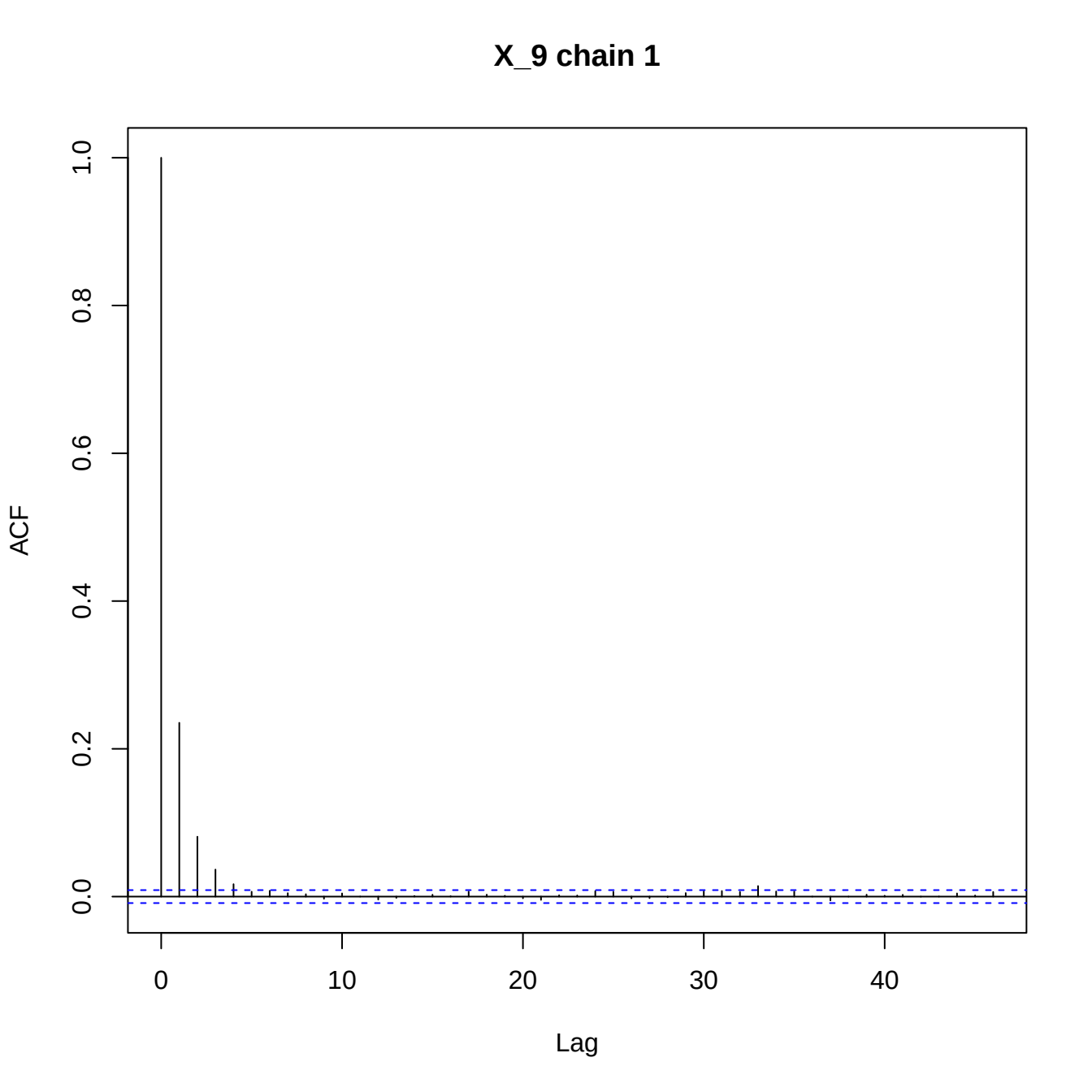
Lag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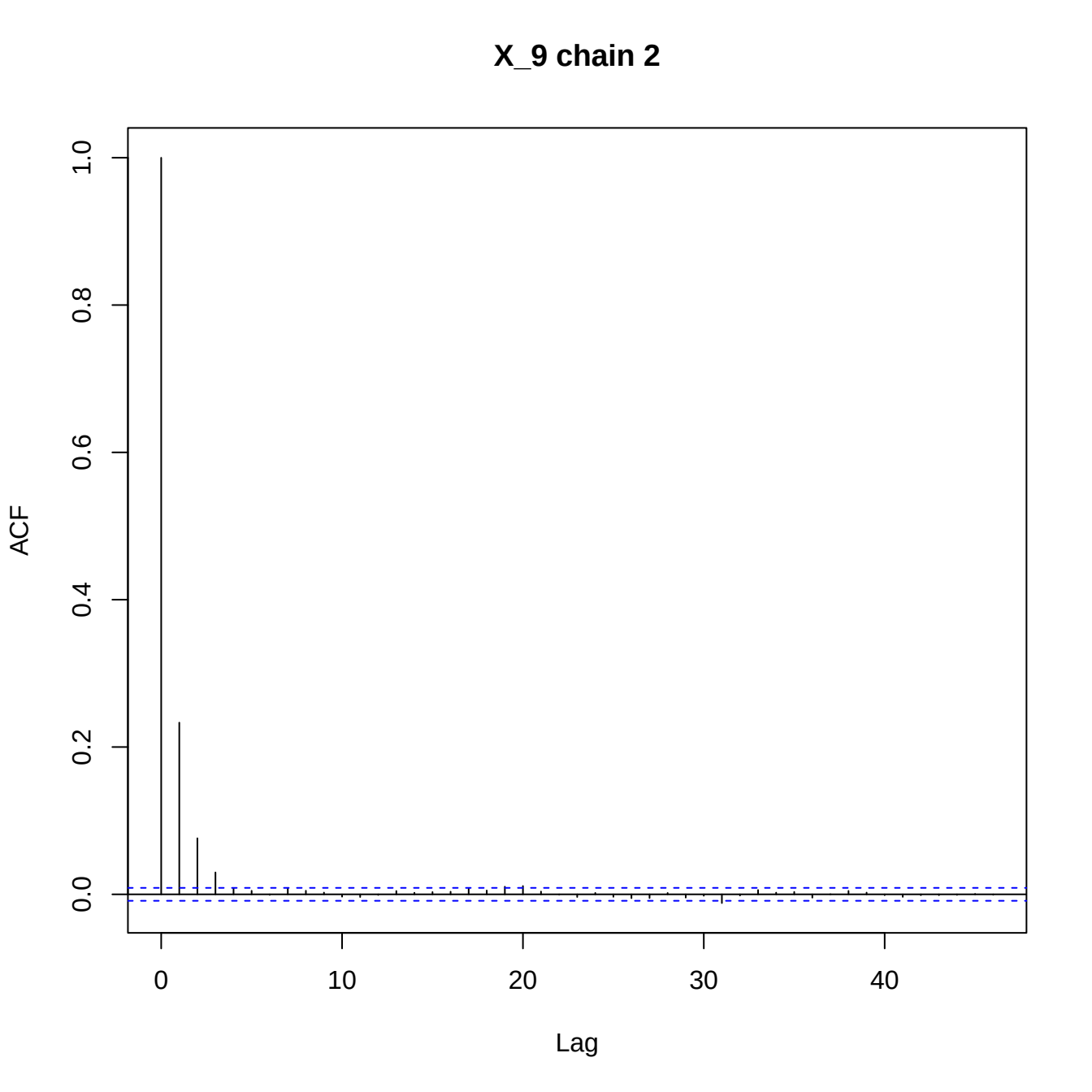
X_9 chain 2
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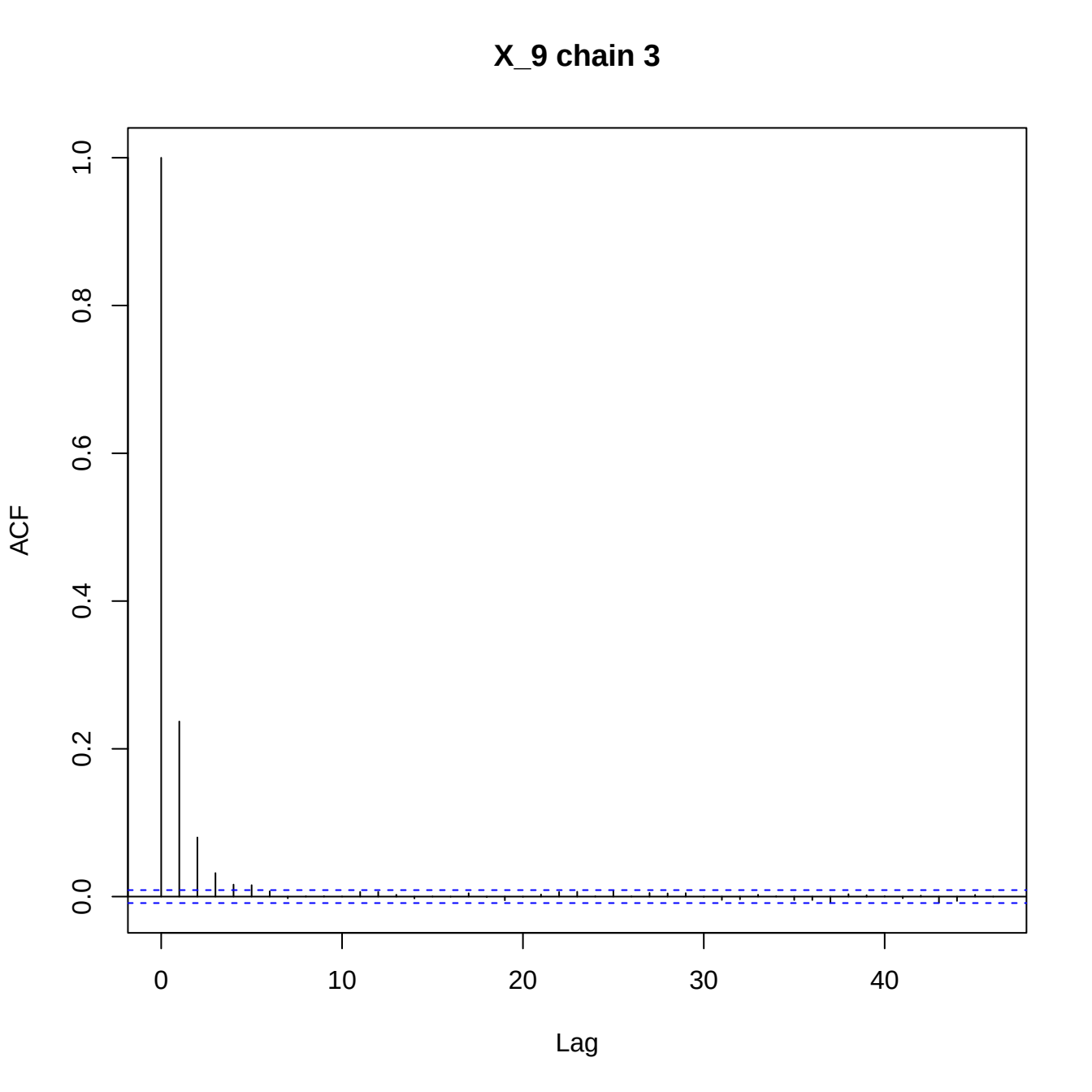
Lag


X_9 chain 3
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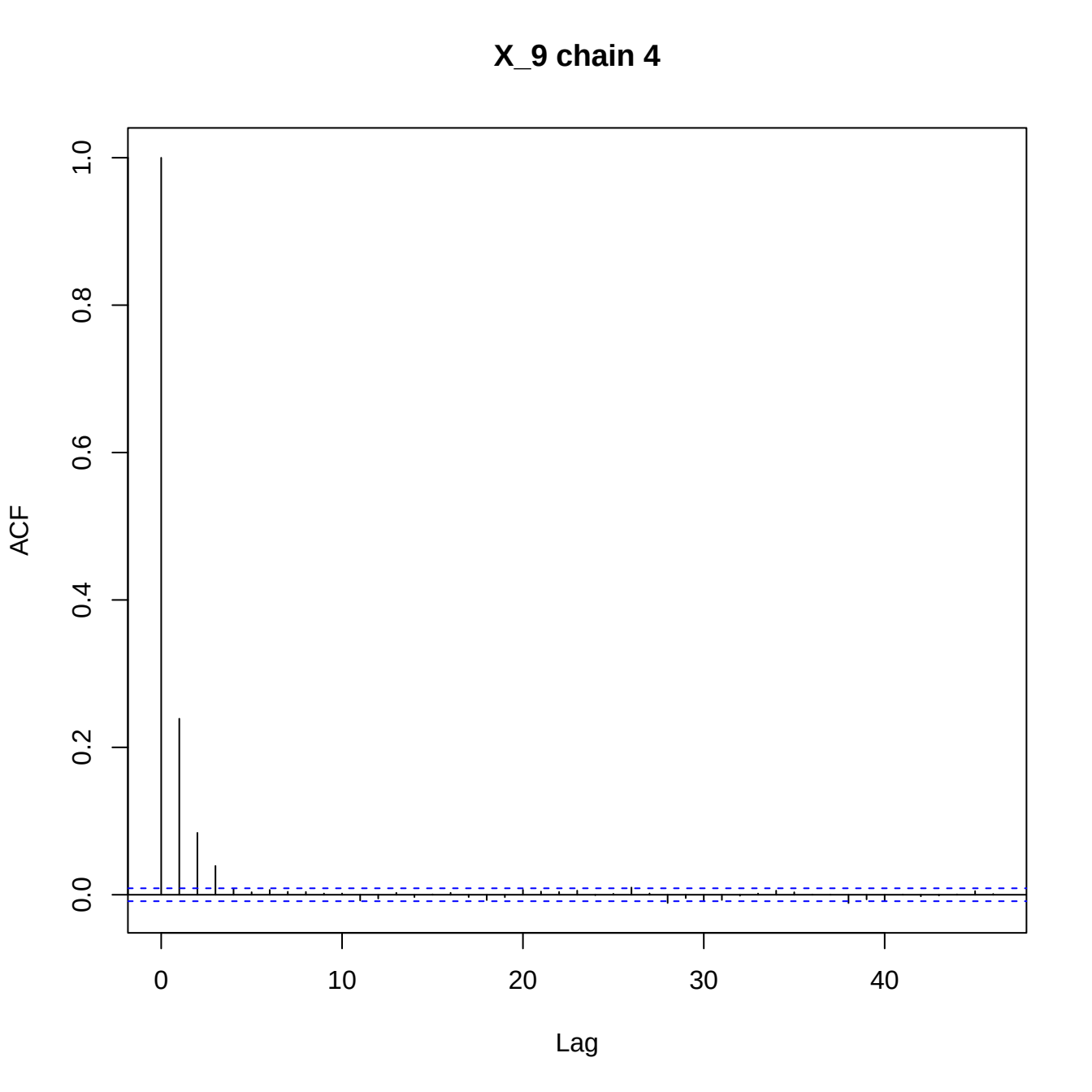
Lag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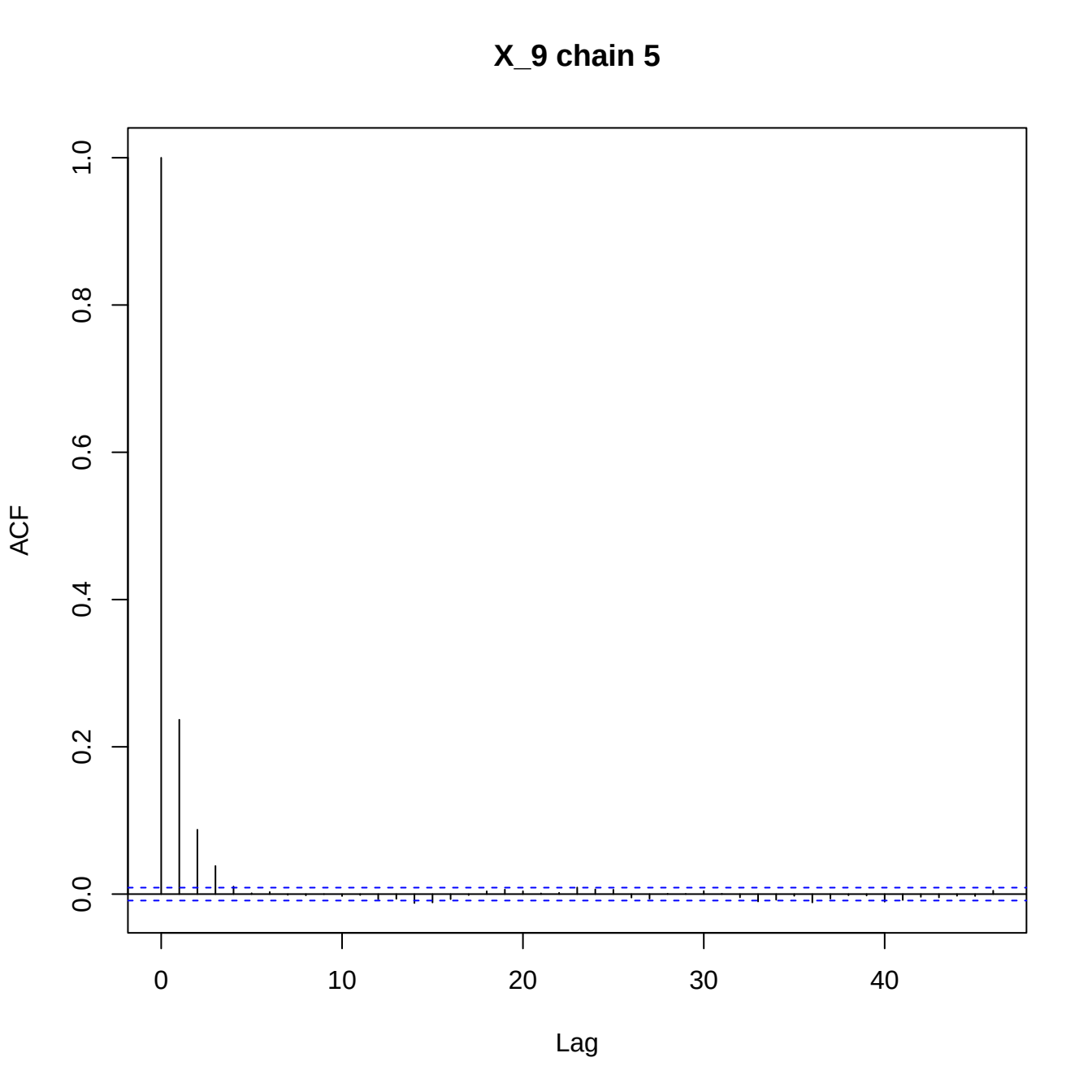
Lag


X_9 chain 5
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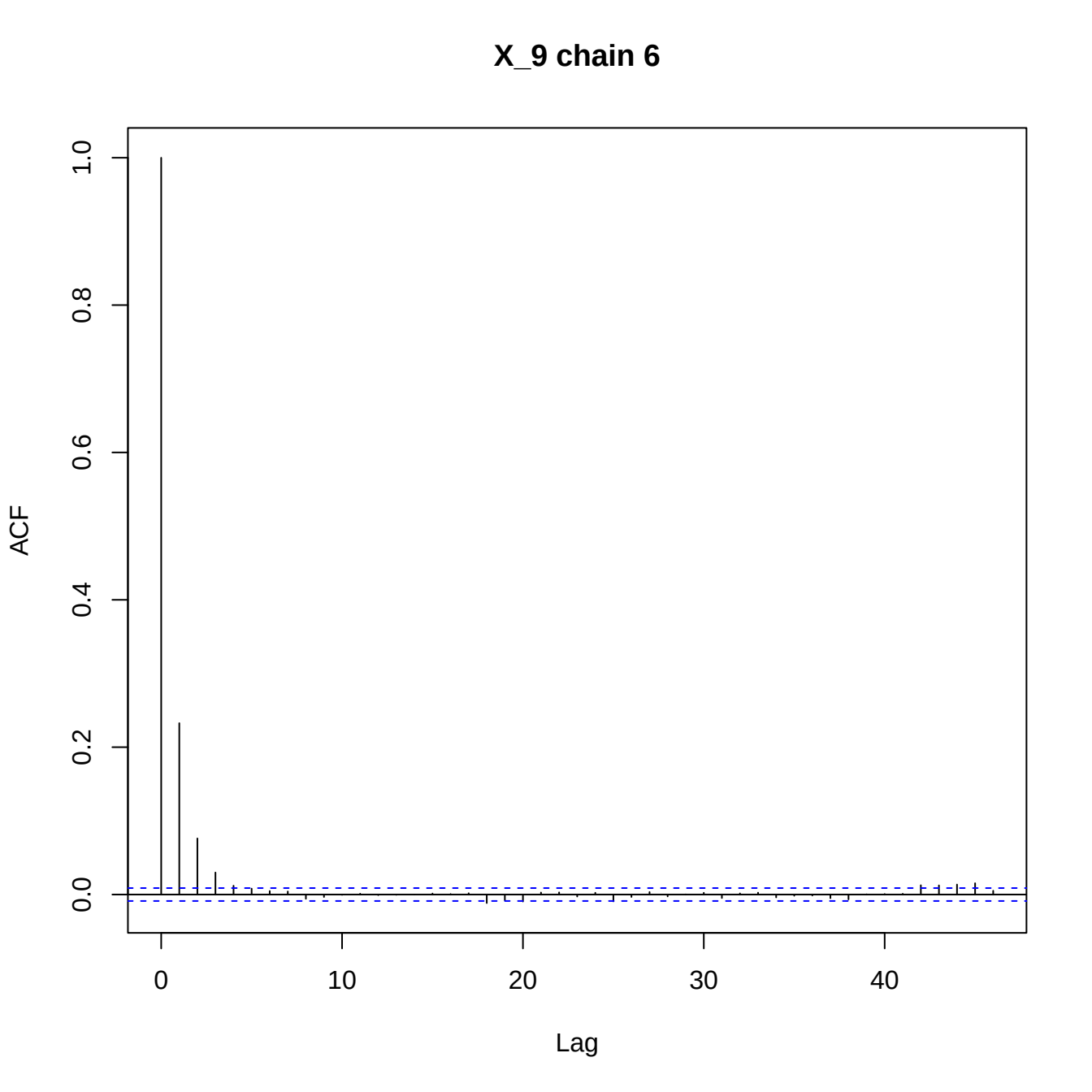
Lag


X_9 chain 6
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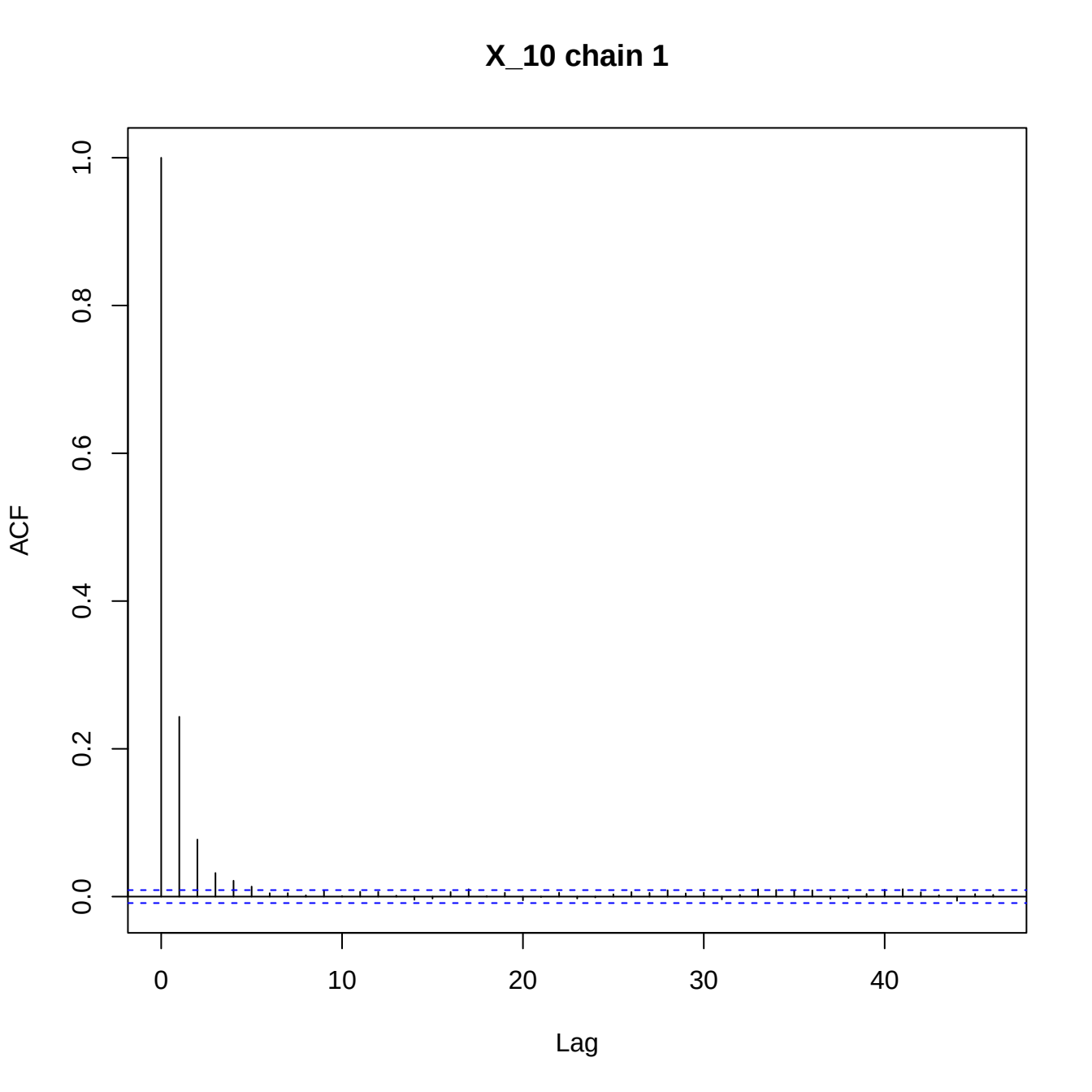
Lag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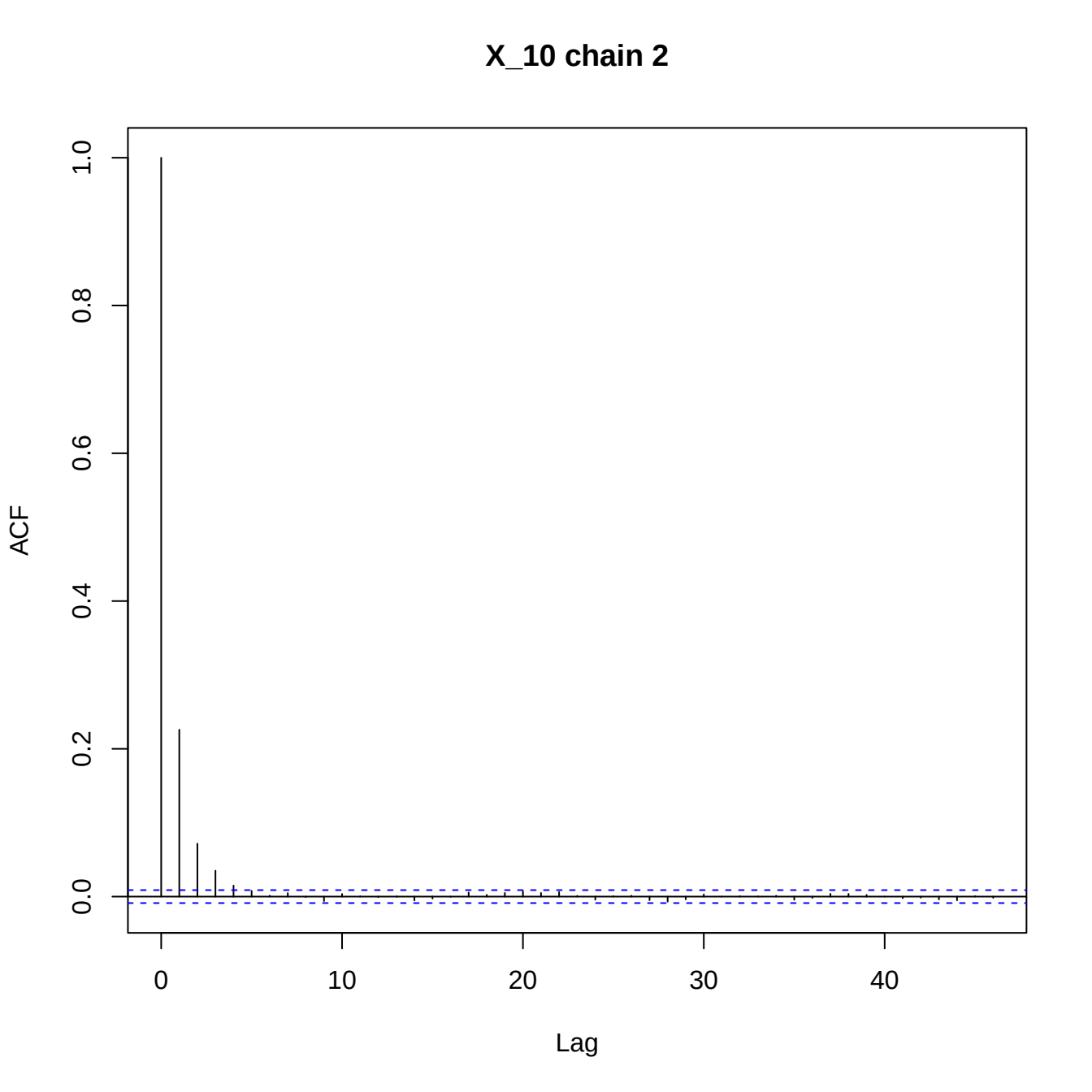
Lag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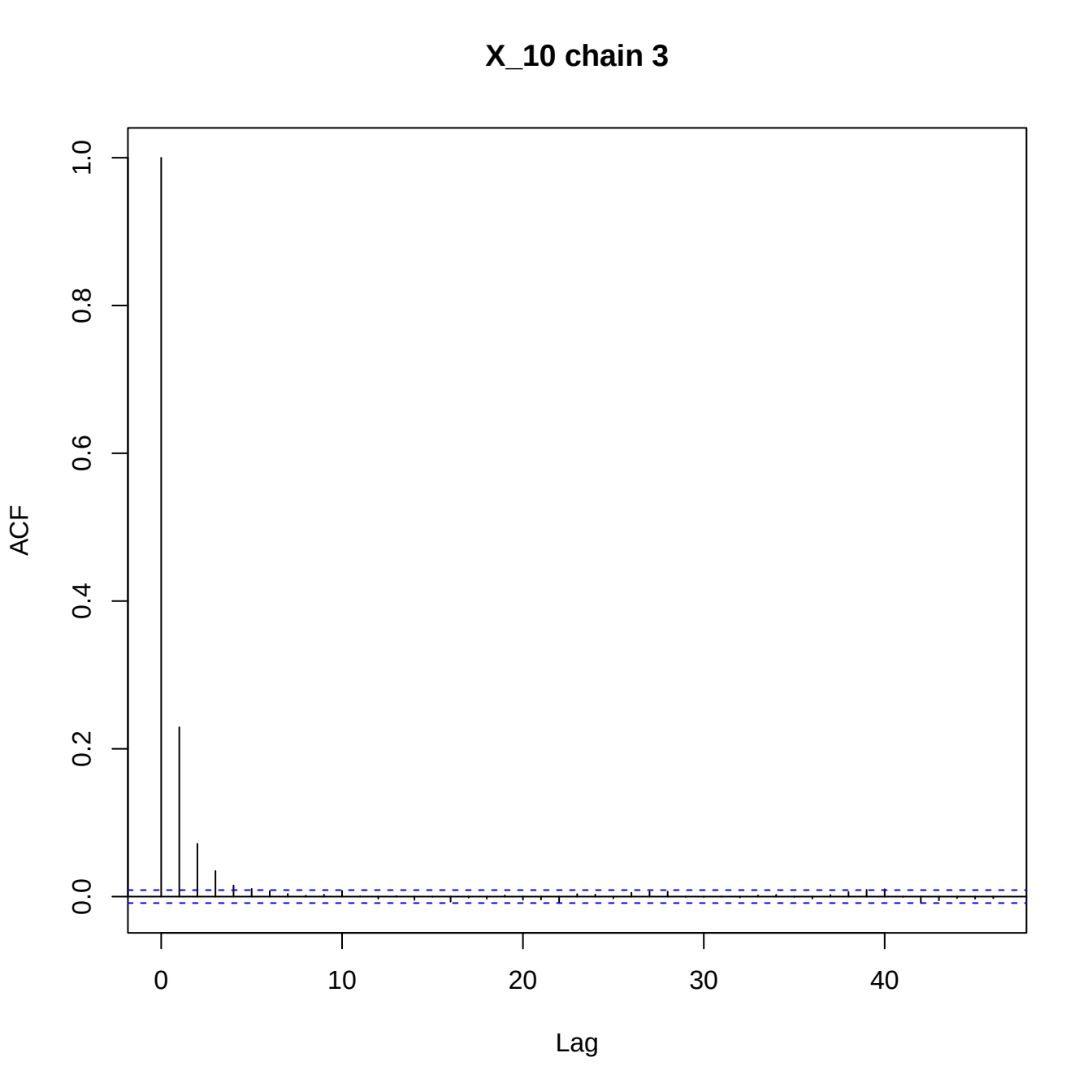
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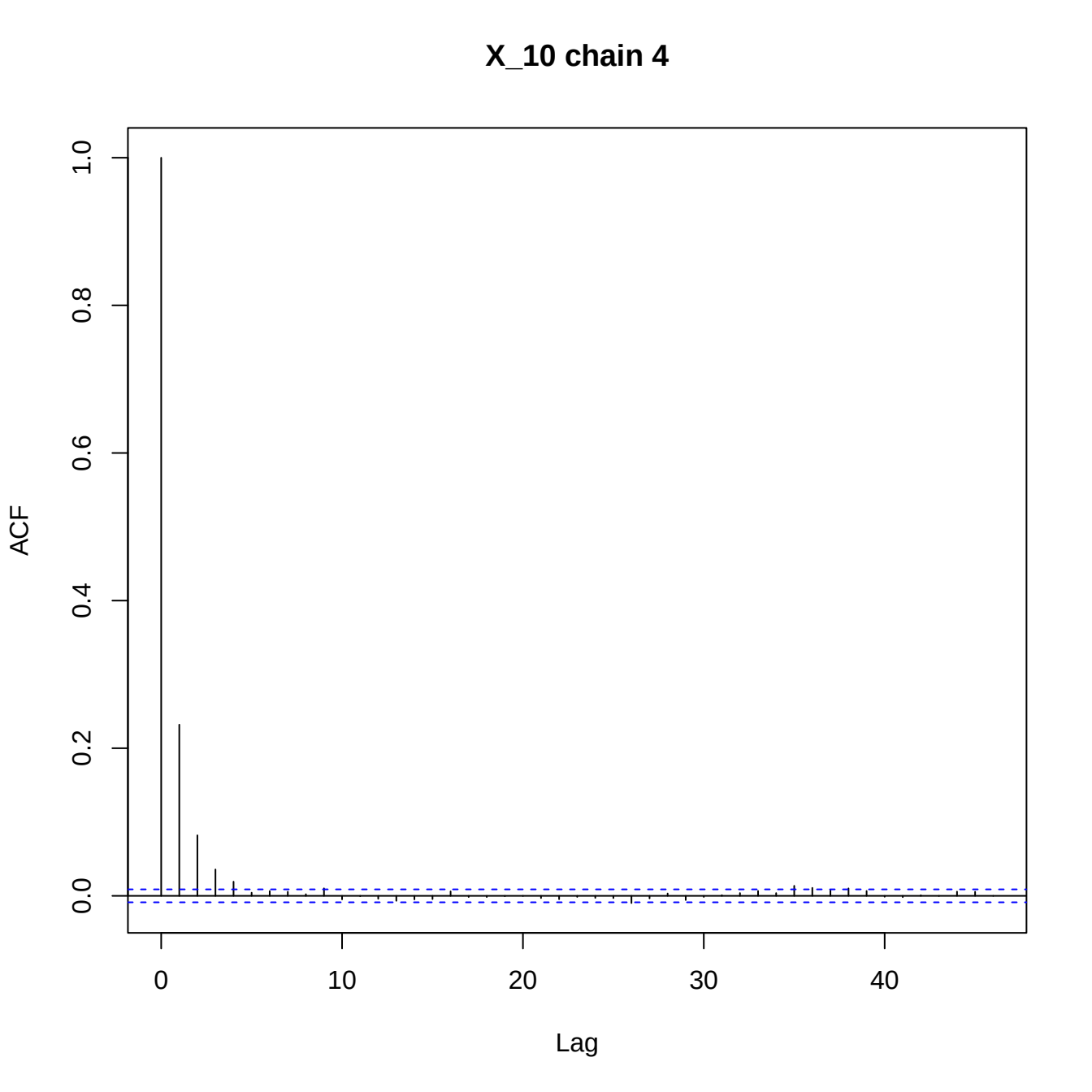
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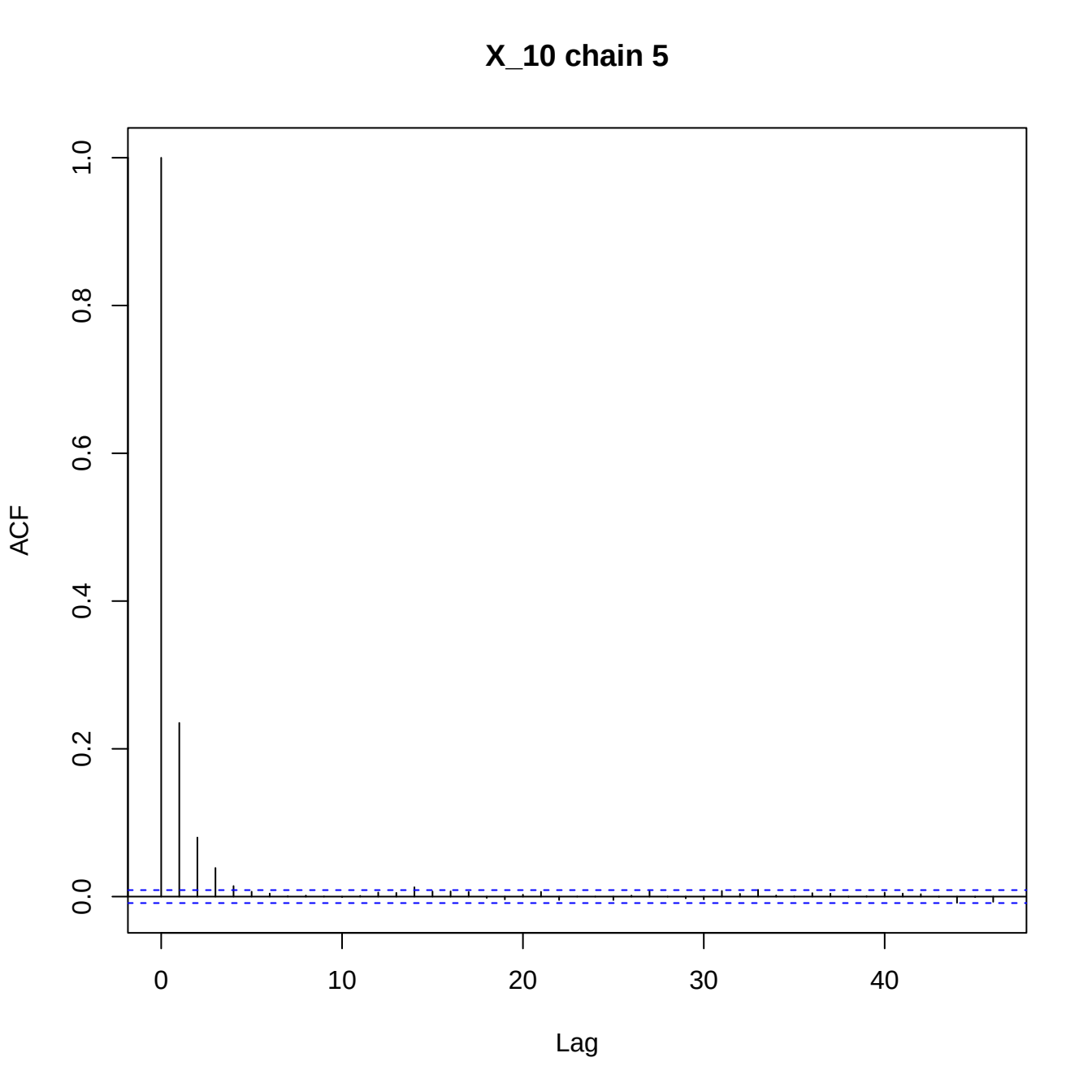
Lag


X_10 chain 5
ACF
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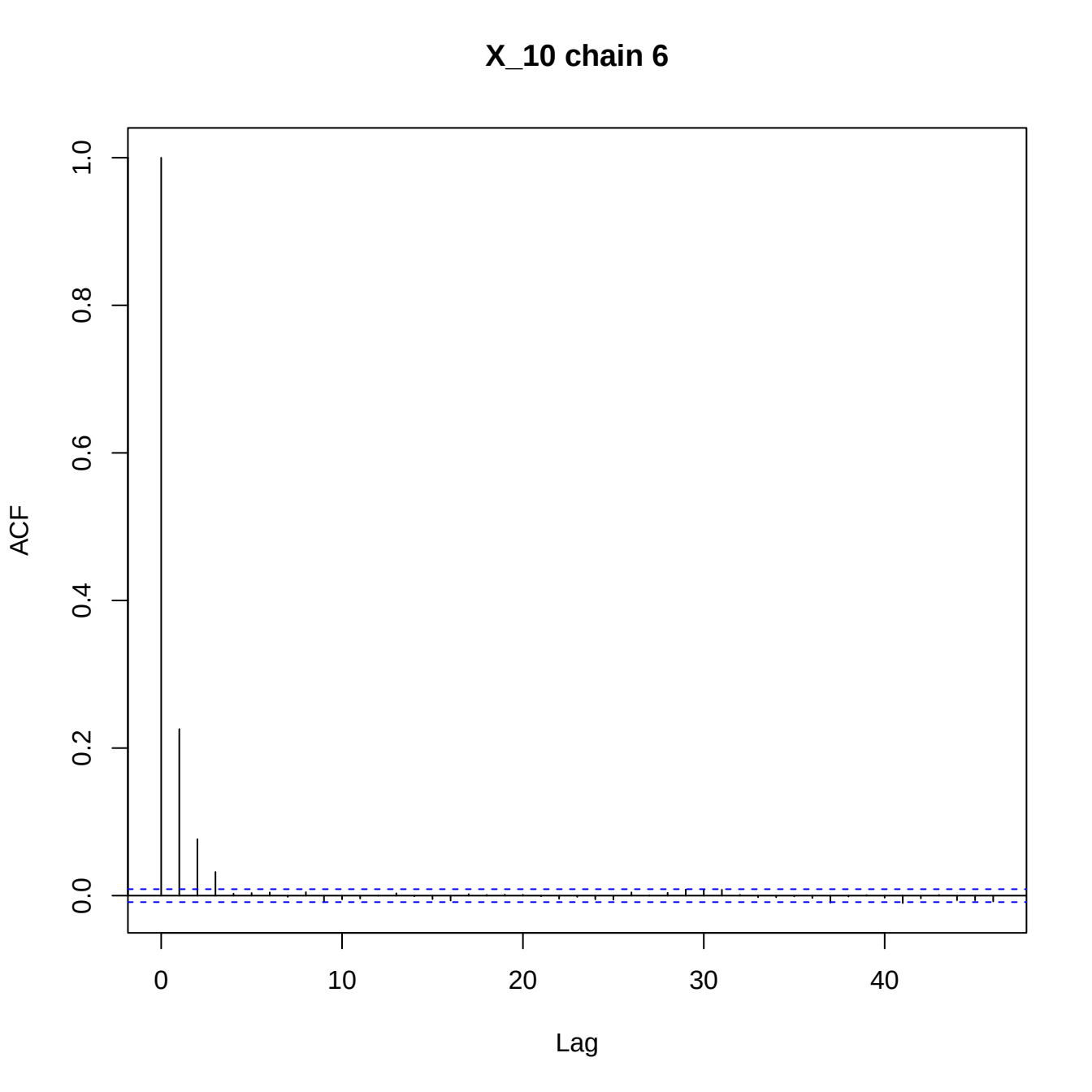
Lag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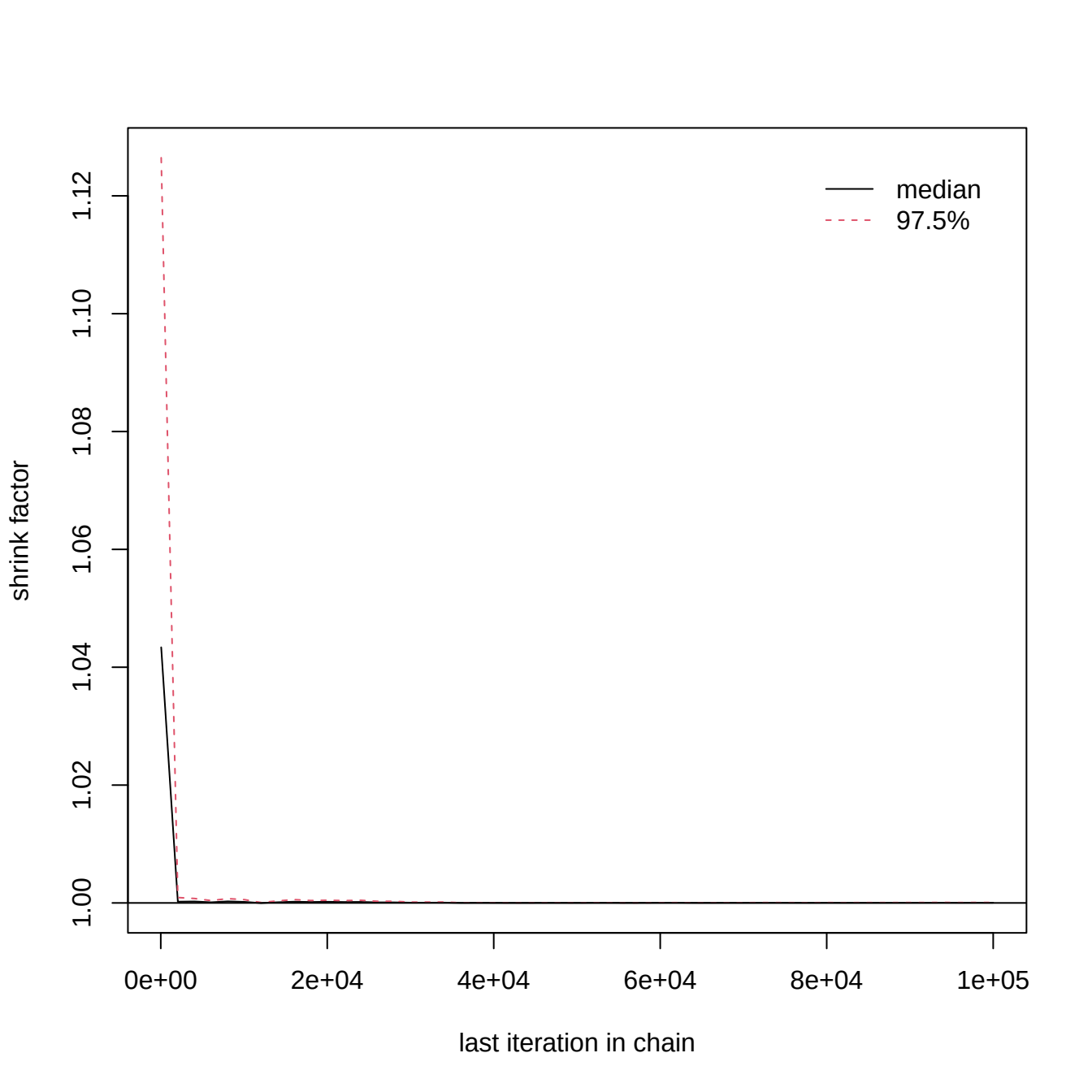
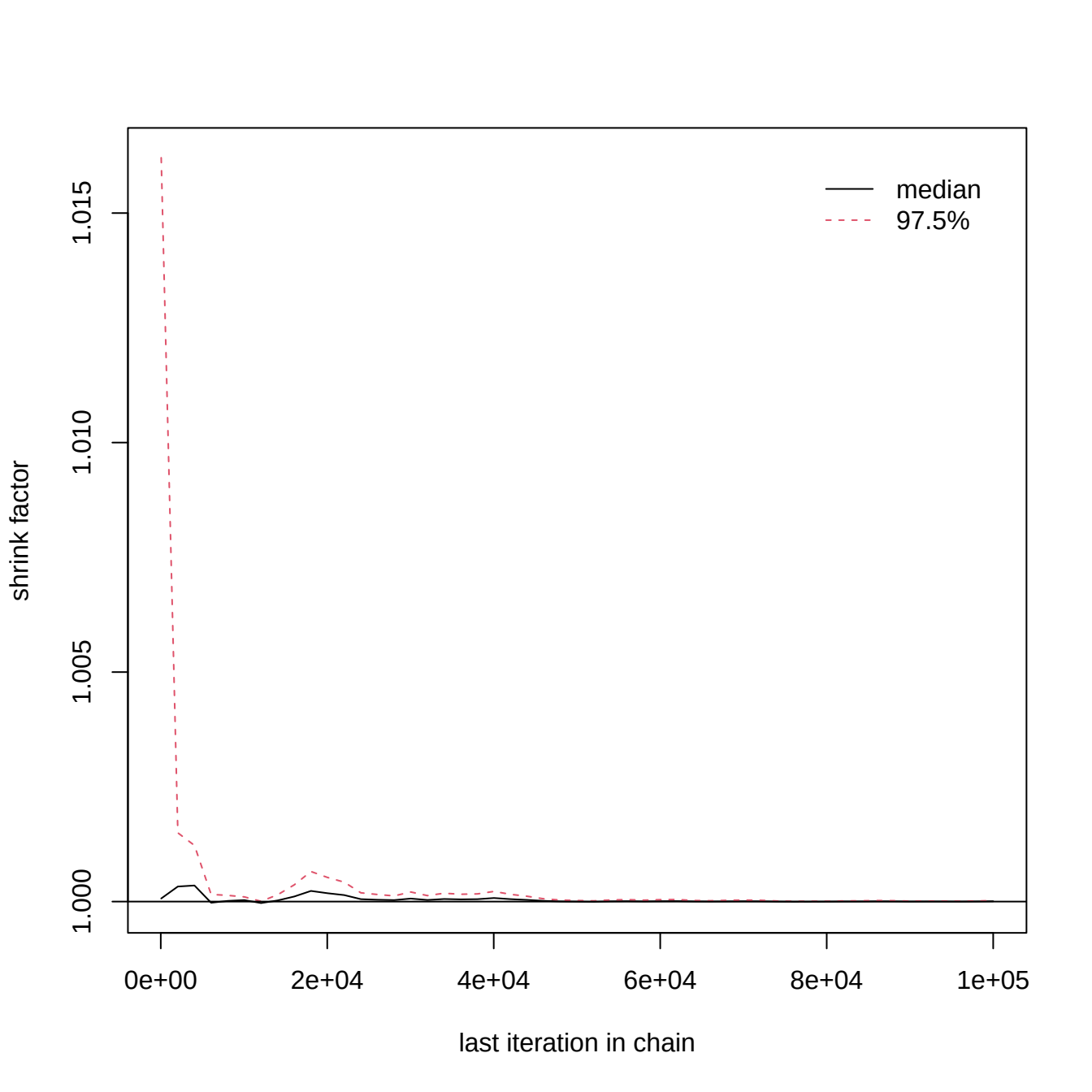
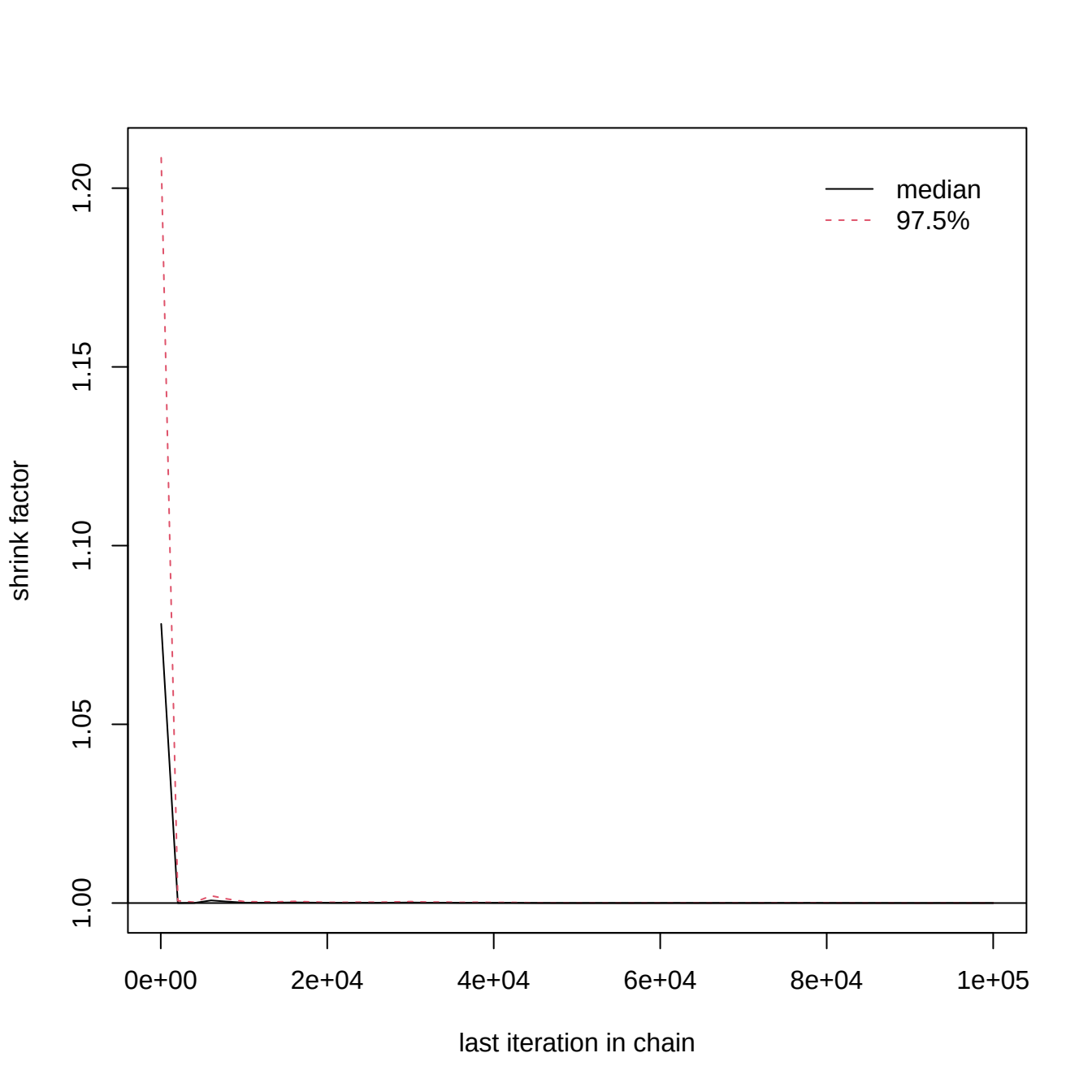
Lag


median
97.5%
shrink factor
1.00
1.02
1.04
1.06
1.08
1.10
1.12
0e+00
2e+04
4e+04
6e+04
8e+04
1e+05
last iteration in chain


median
97.5%
shrink factor
1.000
1.005
1.010
1.015
0e+00
2e+04
4e+04
6e+04
8e+04
1e+05
last iteration in chain


median
97.5%
shrink factor
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2e+04
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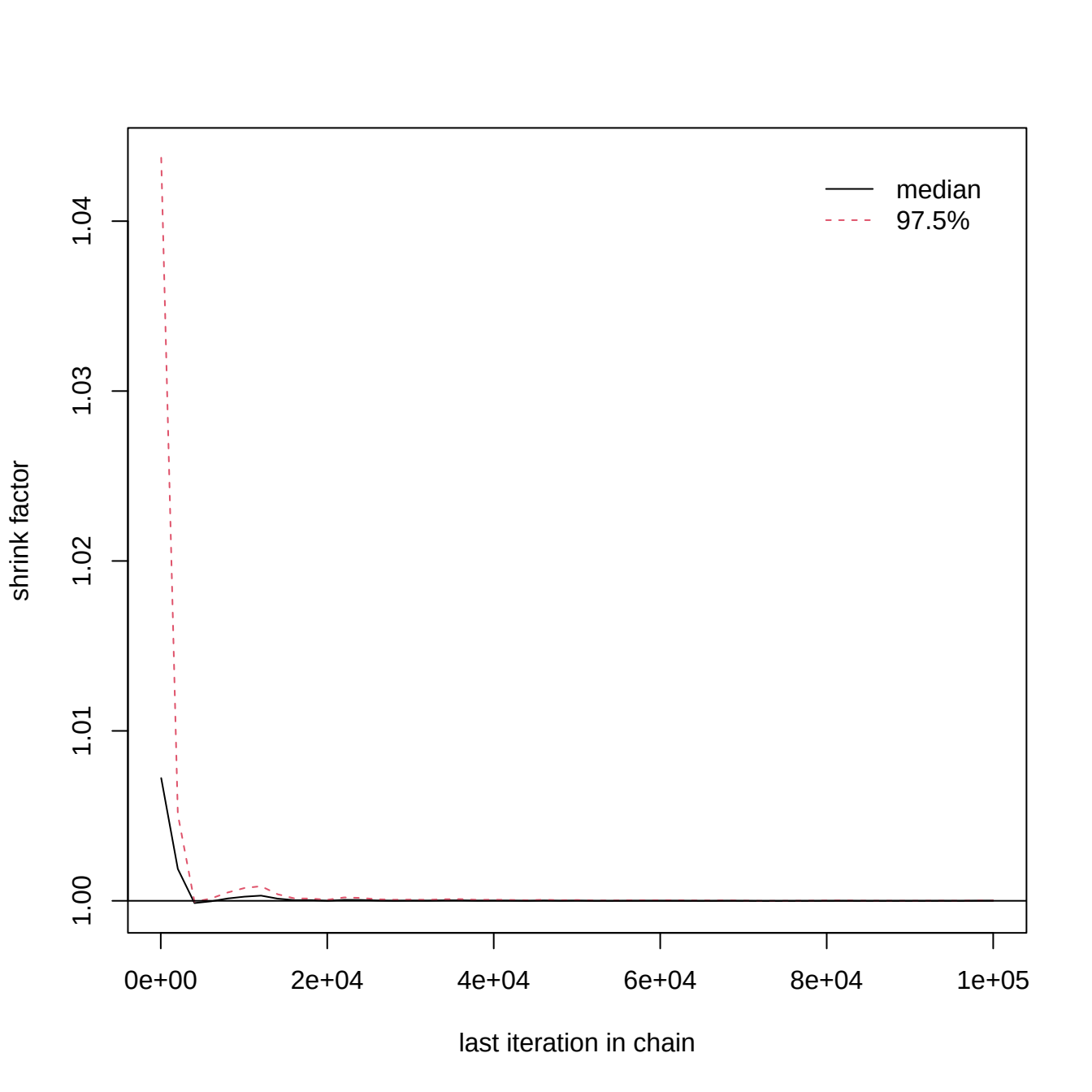
6e+04
8e+04
1e+05
last iteration in chain


median
97.5%
shrink factor
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1.01
1.02
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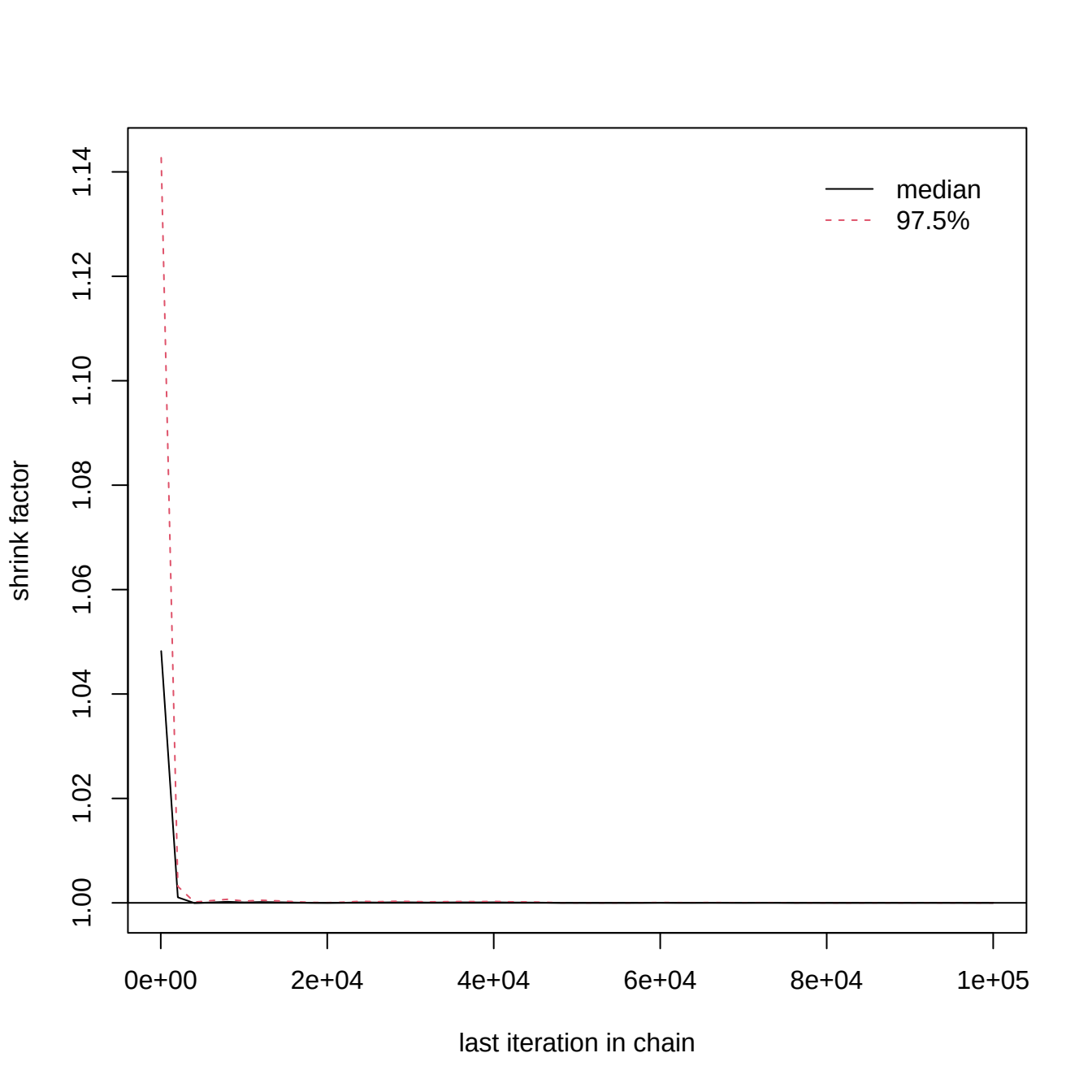
1.04
0e+00
2e+04
4e+04
6e+04
8e+04
1e+05
last iteration in chain


median
97.5%
shrink factor
1.00
1.02
1.04
1.06
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1.14
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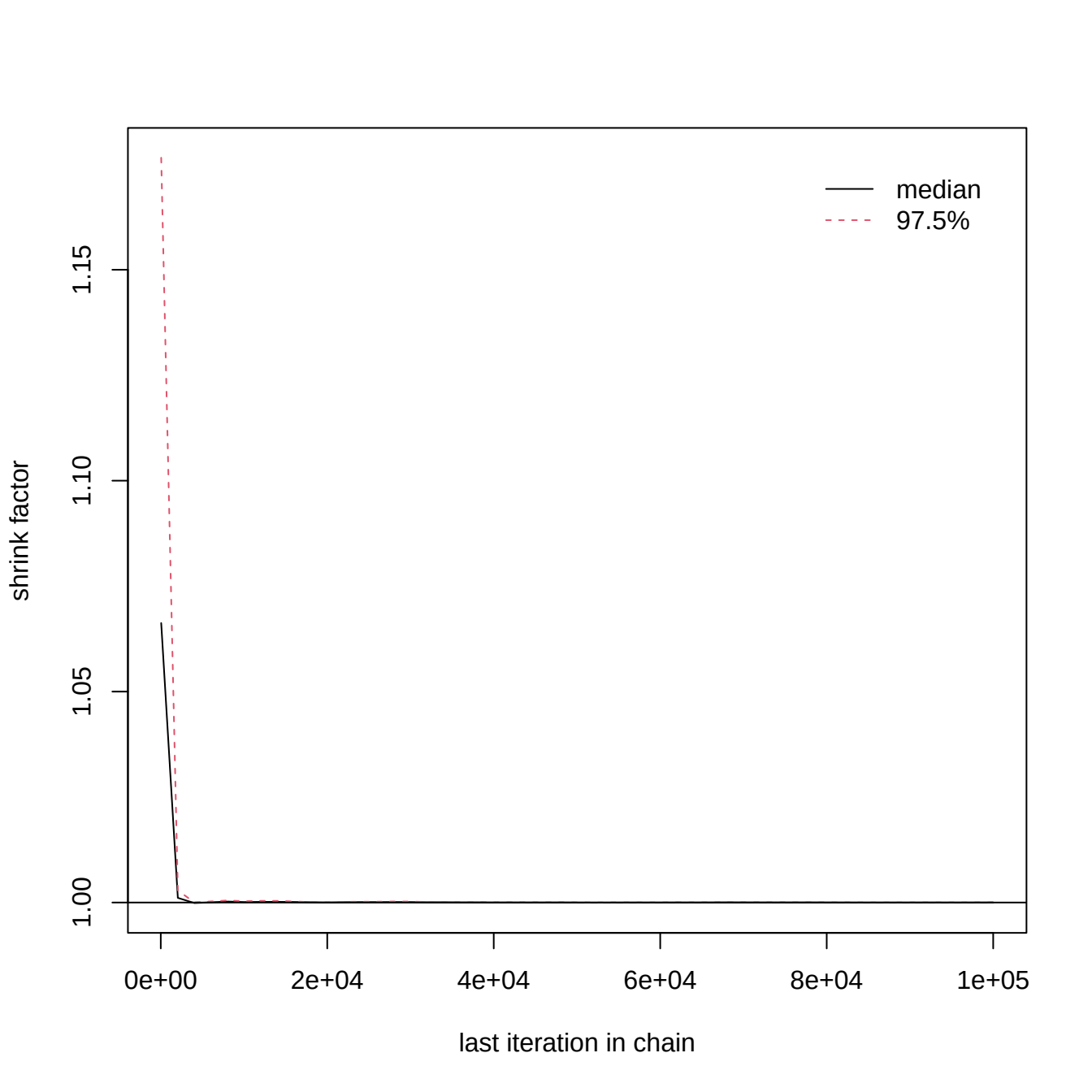
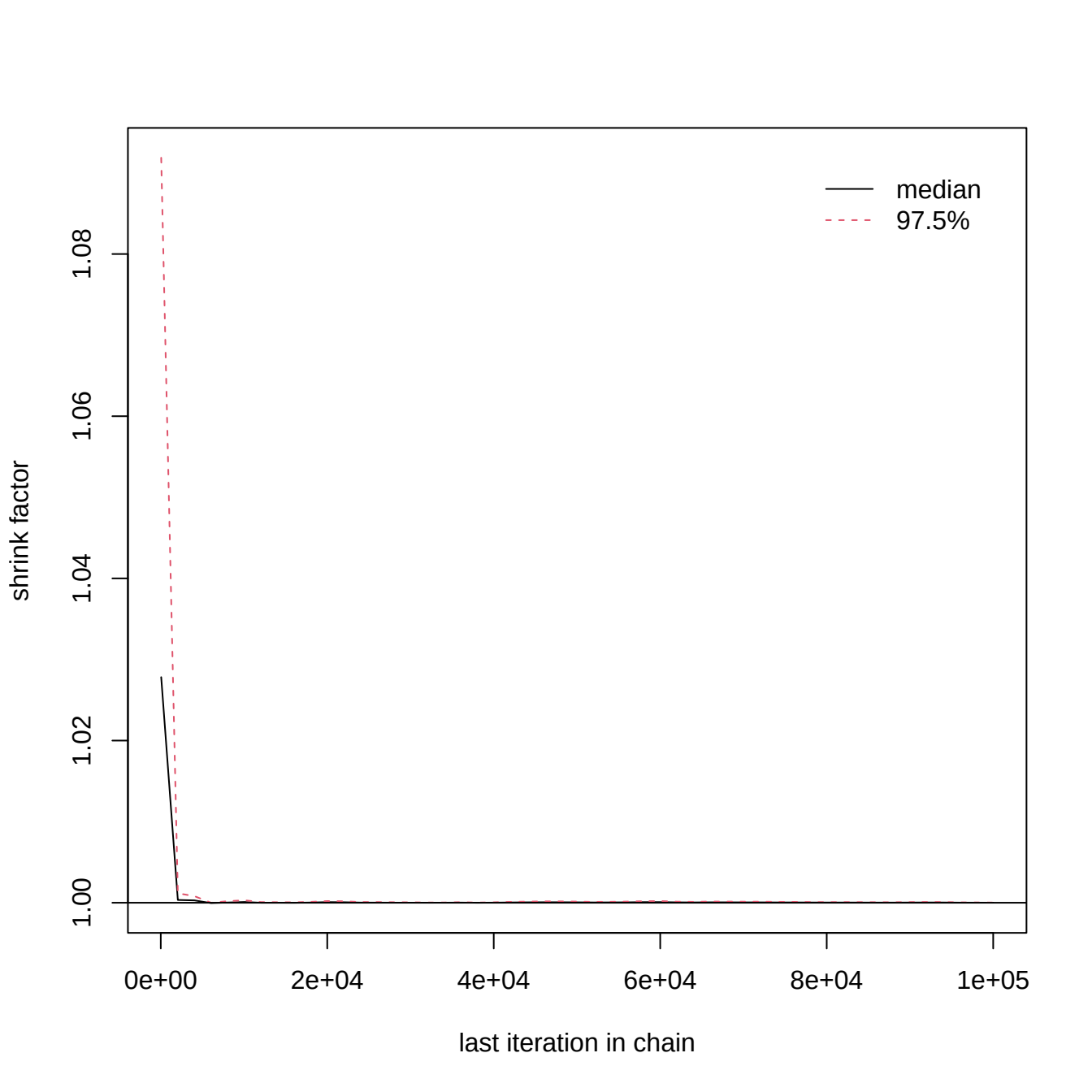
2e+04
4e+04
6e+04
8e+04
1e+05
last iteration in chain


median
97.5%
shrink factor
1.00
1.05
1.10
1.15
0e+00
2e+04
4e+04
6e+04
8e+04
1e+05
last iteration in chain


median
97.5%
shrink factor
1.00
1.02
1.04
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1.08
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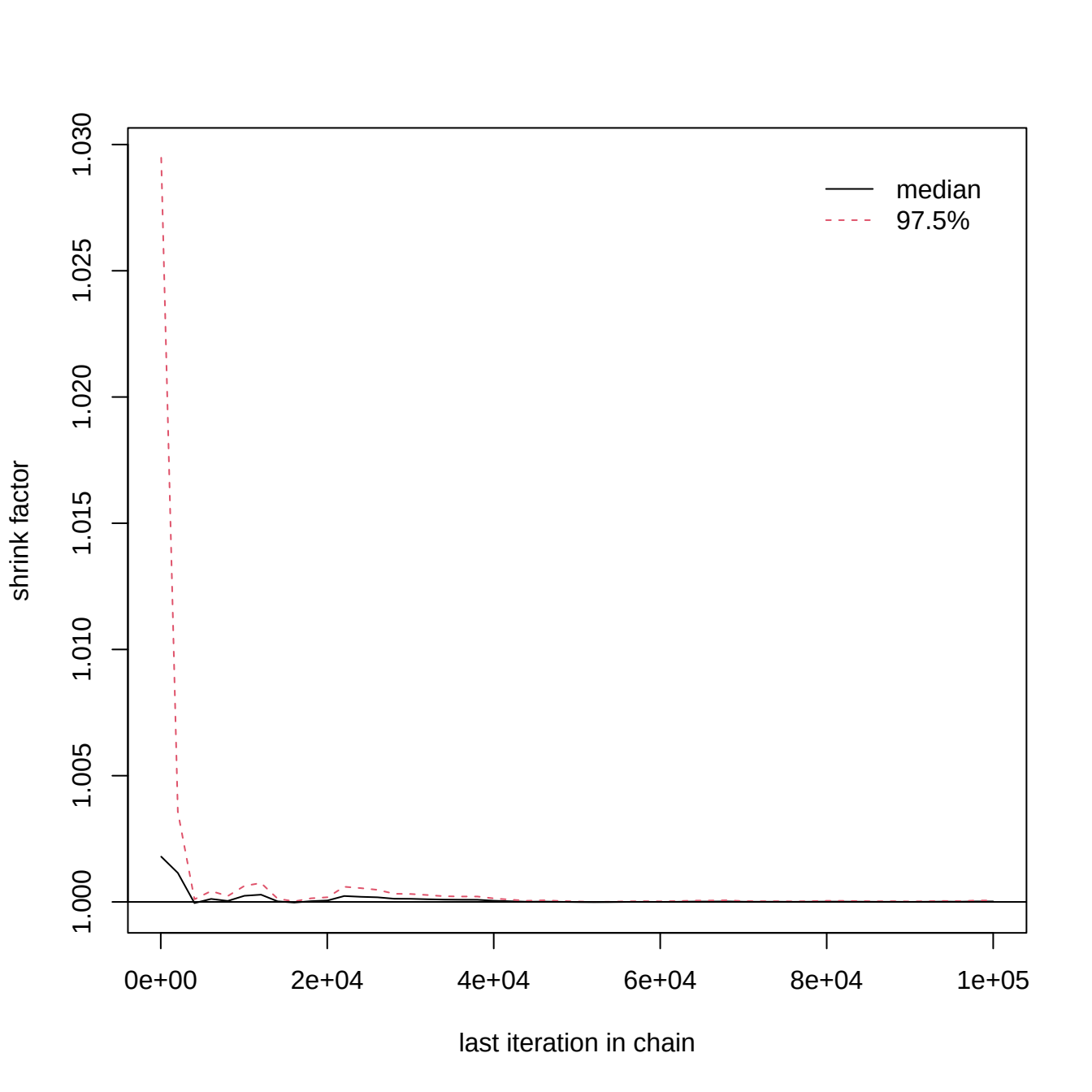
2e+04
4e+04
6e+04
8e+04
1e+05
last iteration in chain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97.5%
shrink factor
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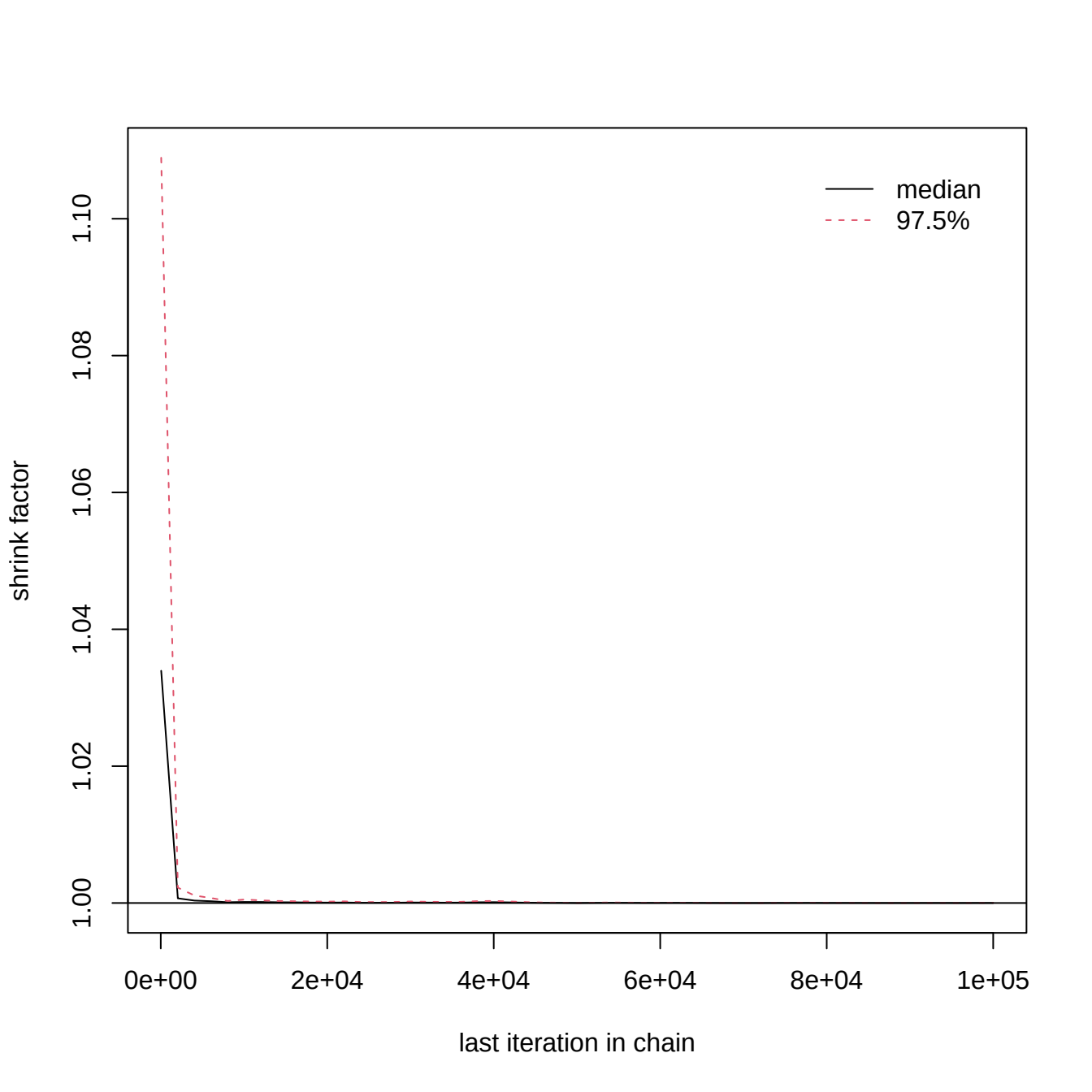
2e+04
4e+04
6e+04
8e+04
1e+05
last iteration in chain


median
97.5%
shrink factor
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1.02
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1.10
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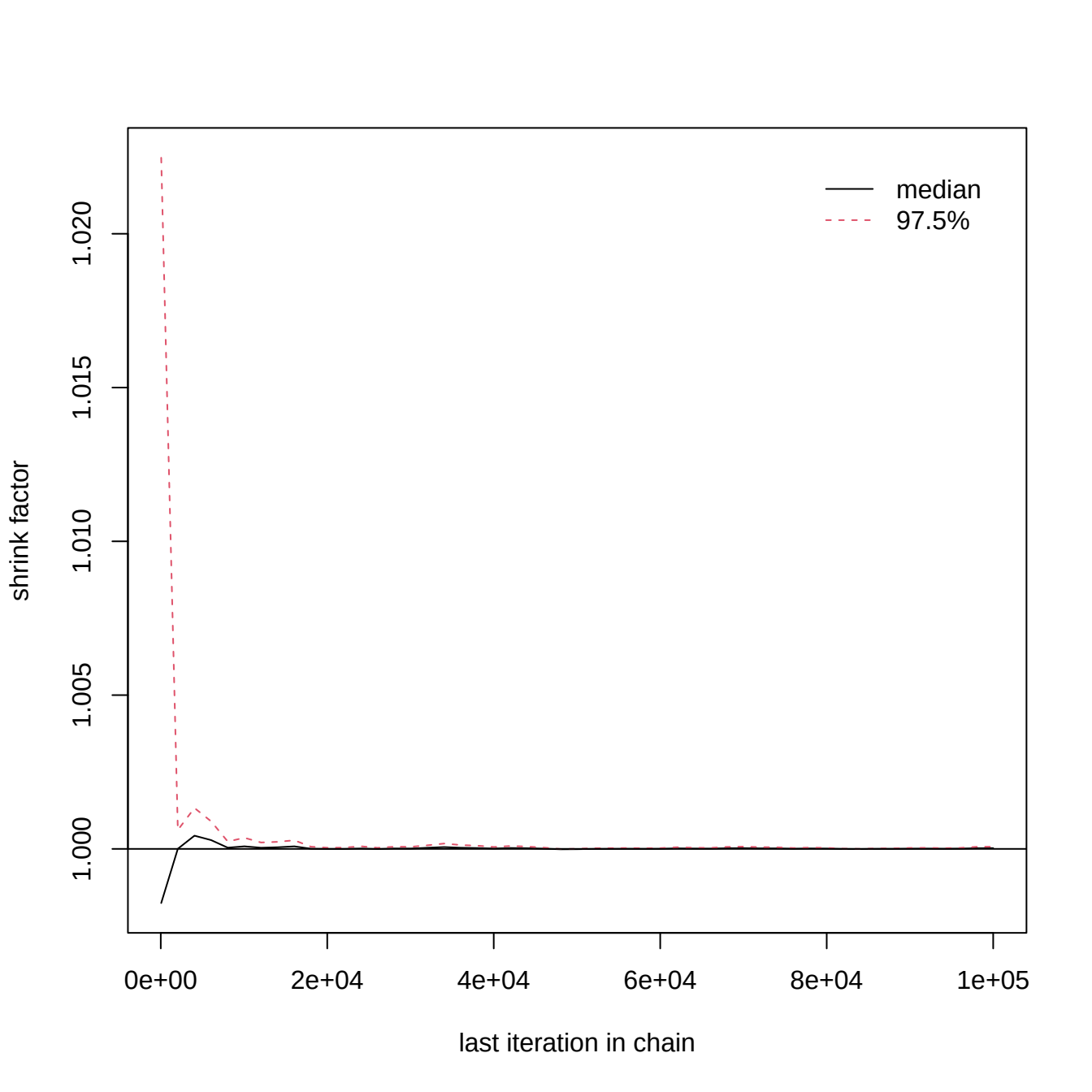
2e+04
4e+04
6e+04
8e+04
1e+05
last iteration in chain


median
97.5%
shrink factor
1.000
1.005
1.010
1.015
1.020
0e+00
2e+04
4e+04
6e+04
8e+04
1e+05
last iteration in chain