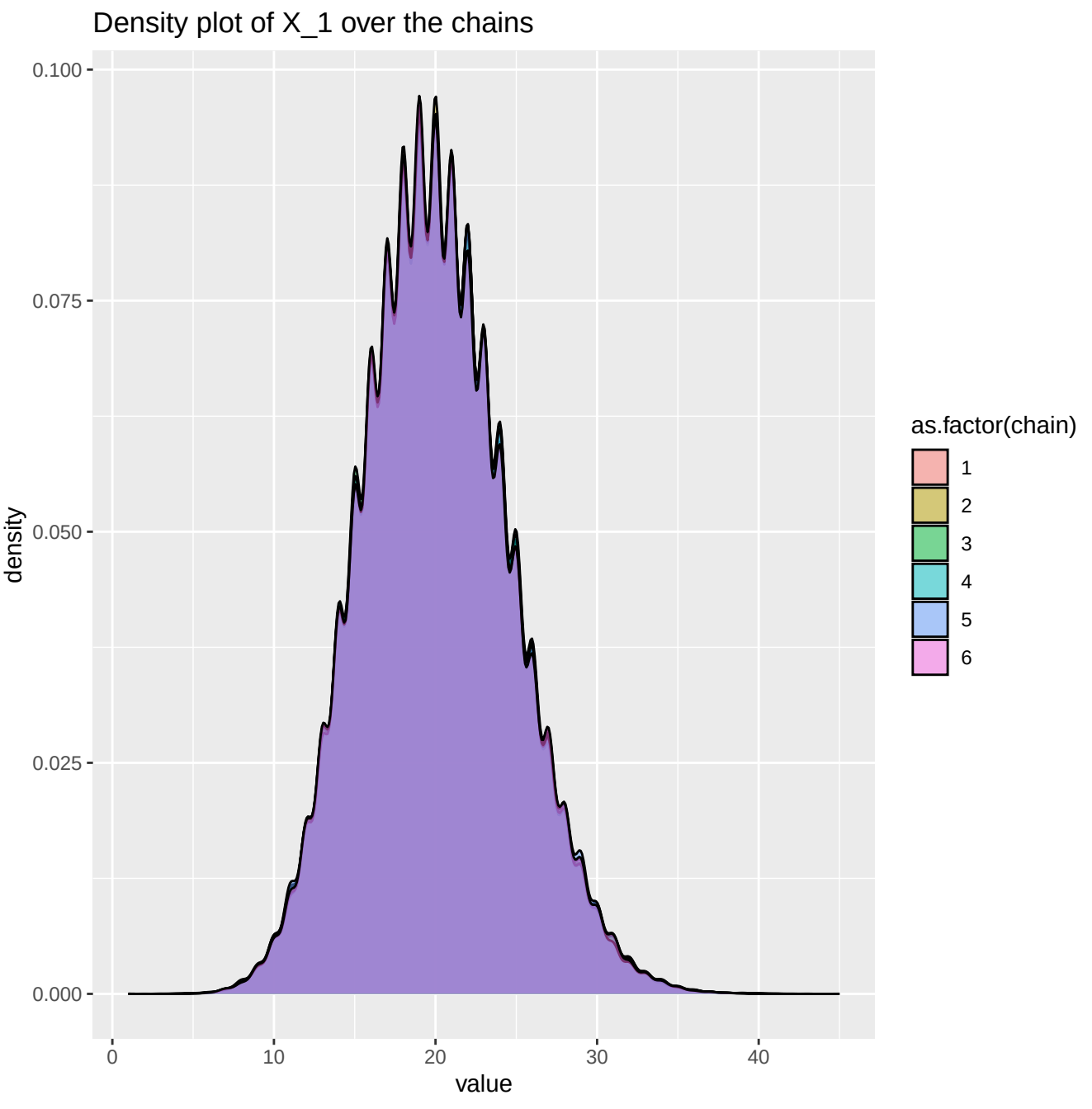
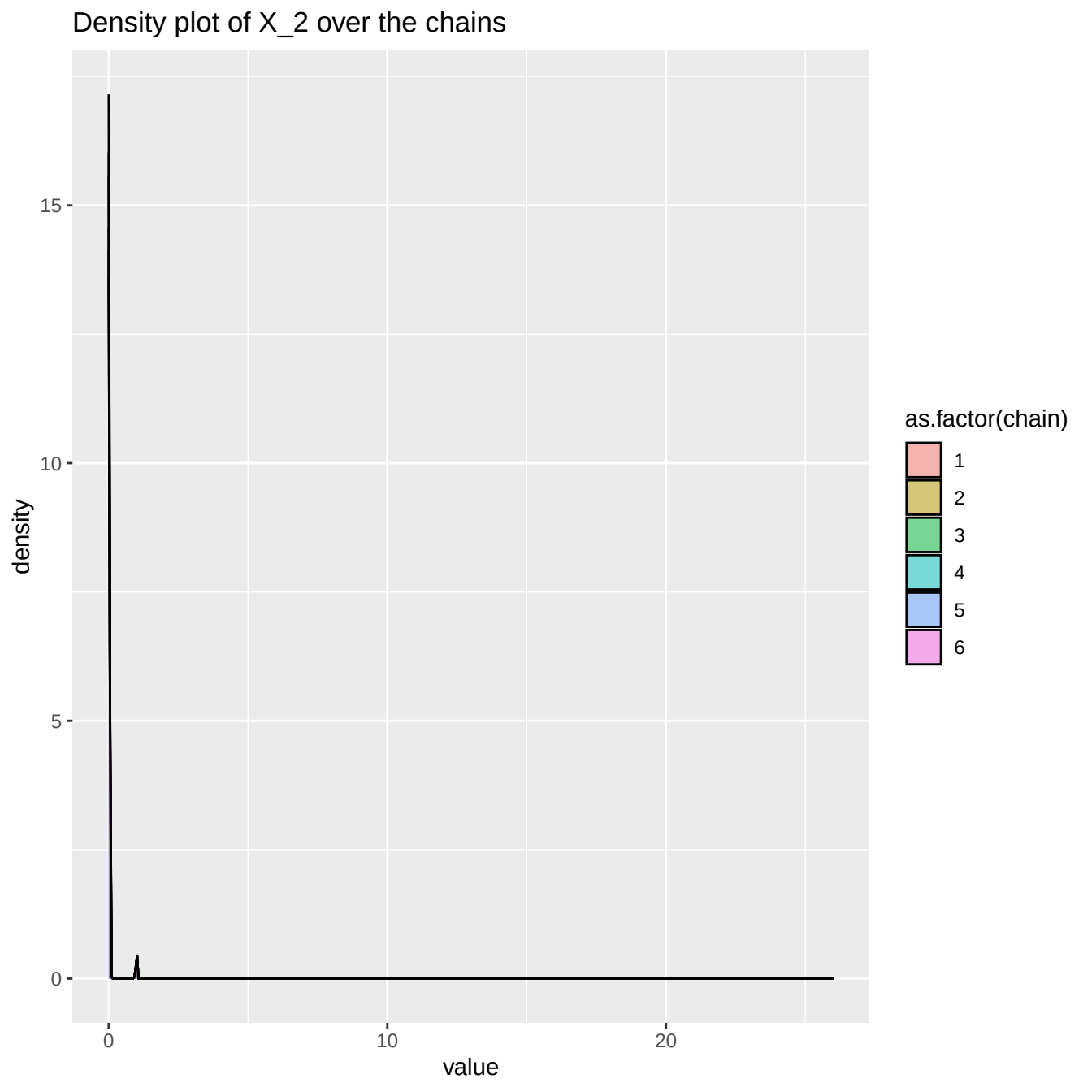
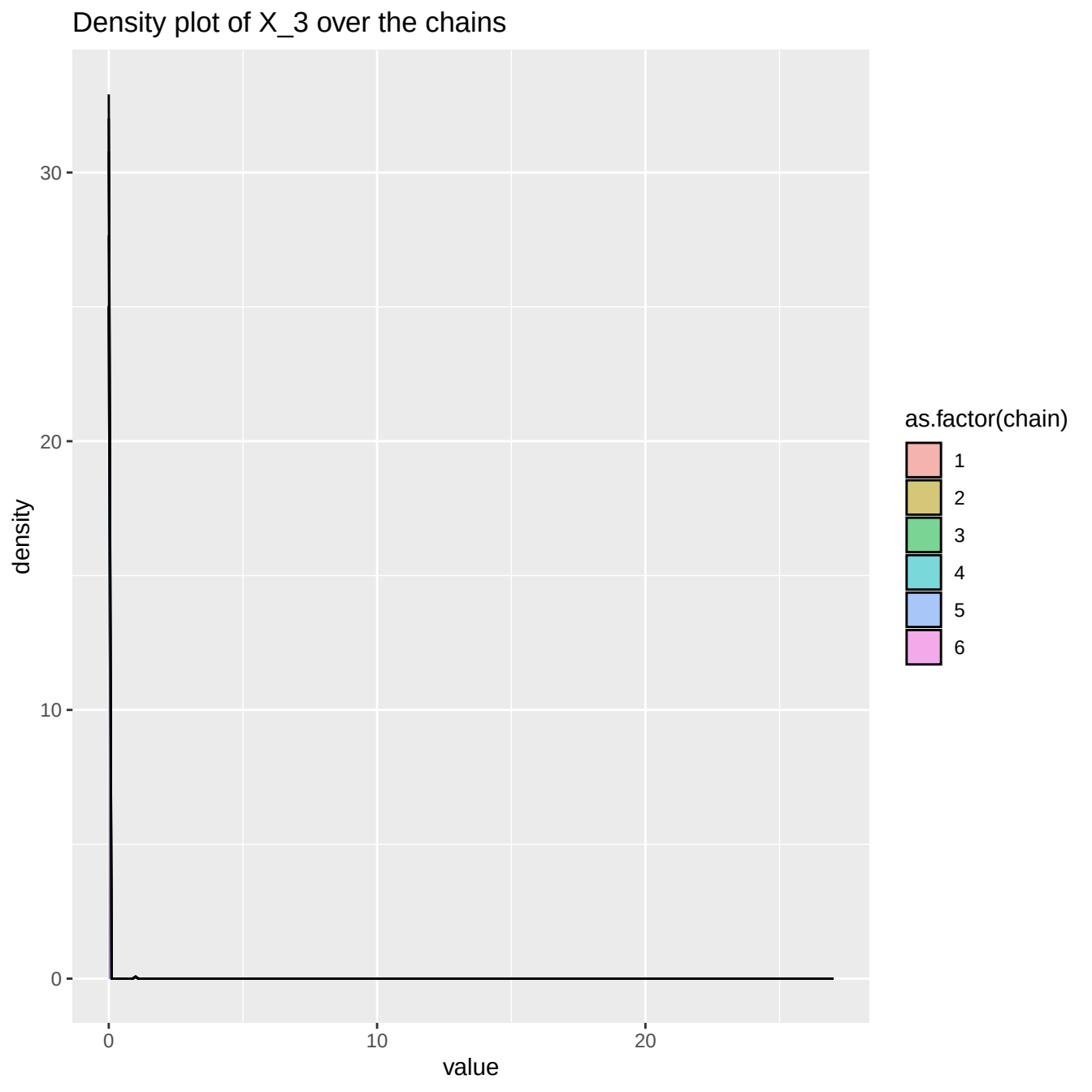
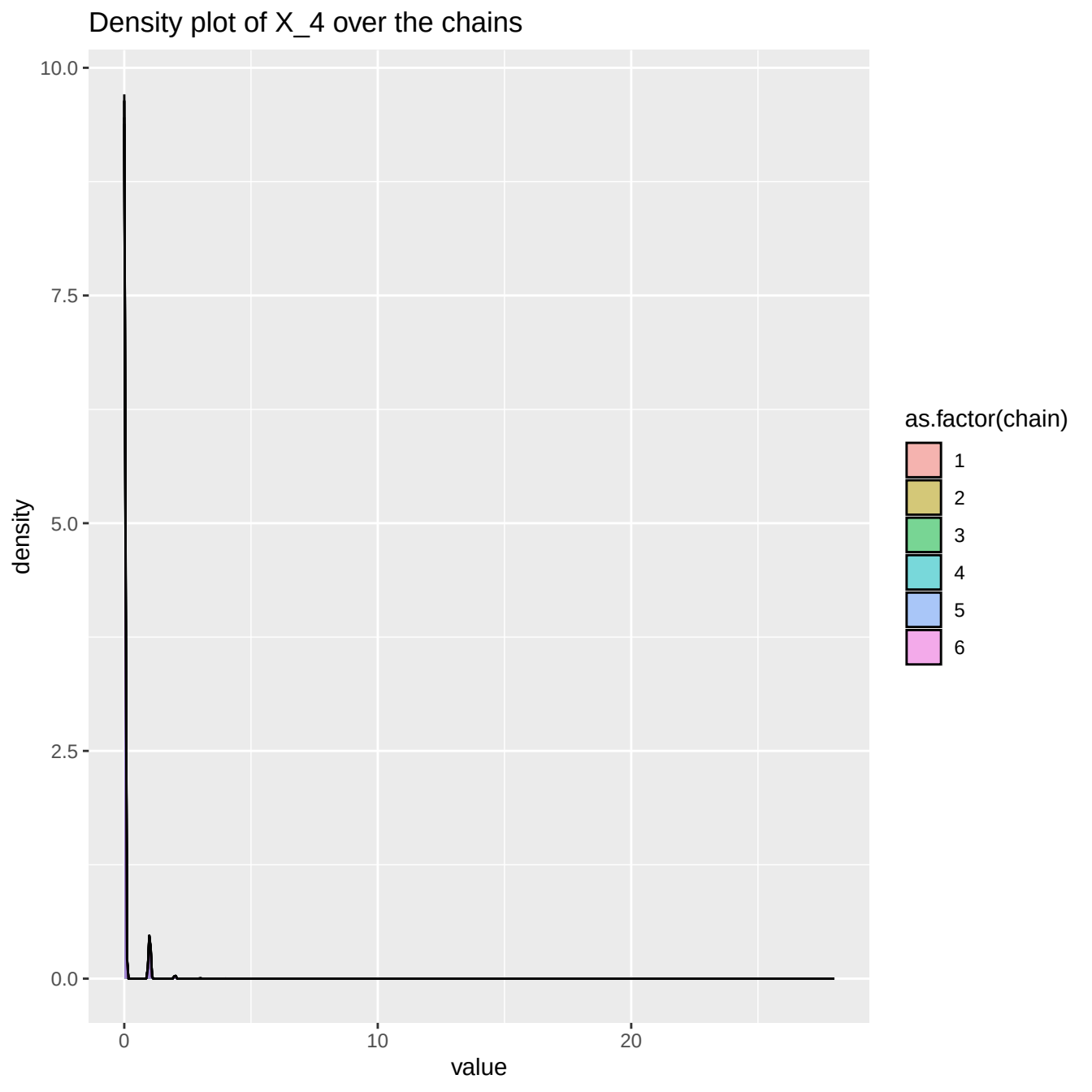
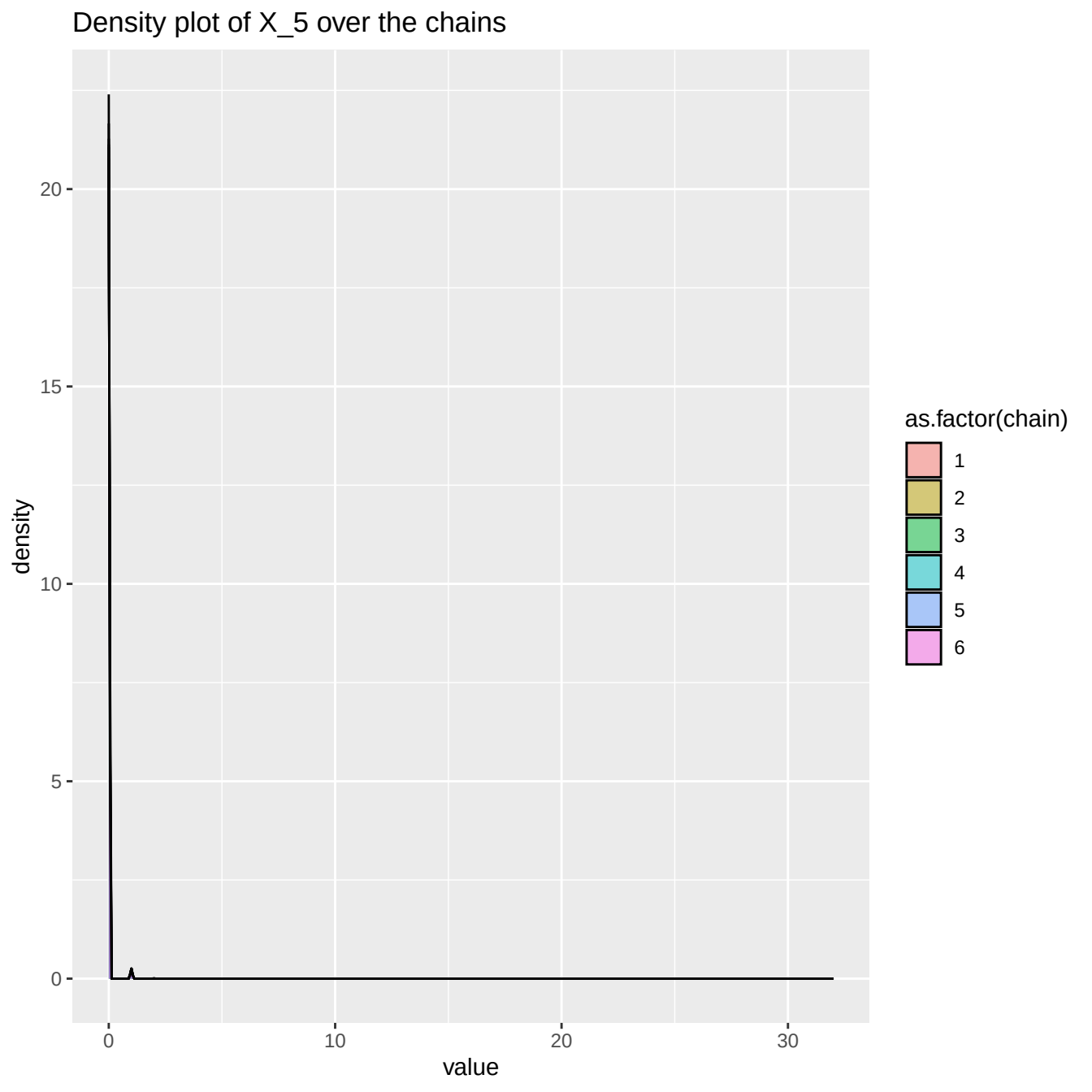
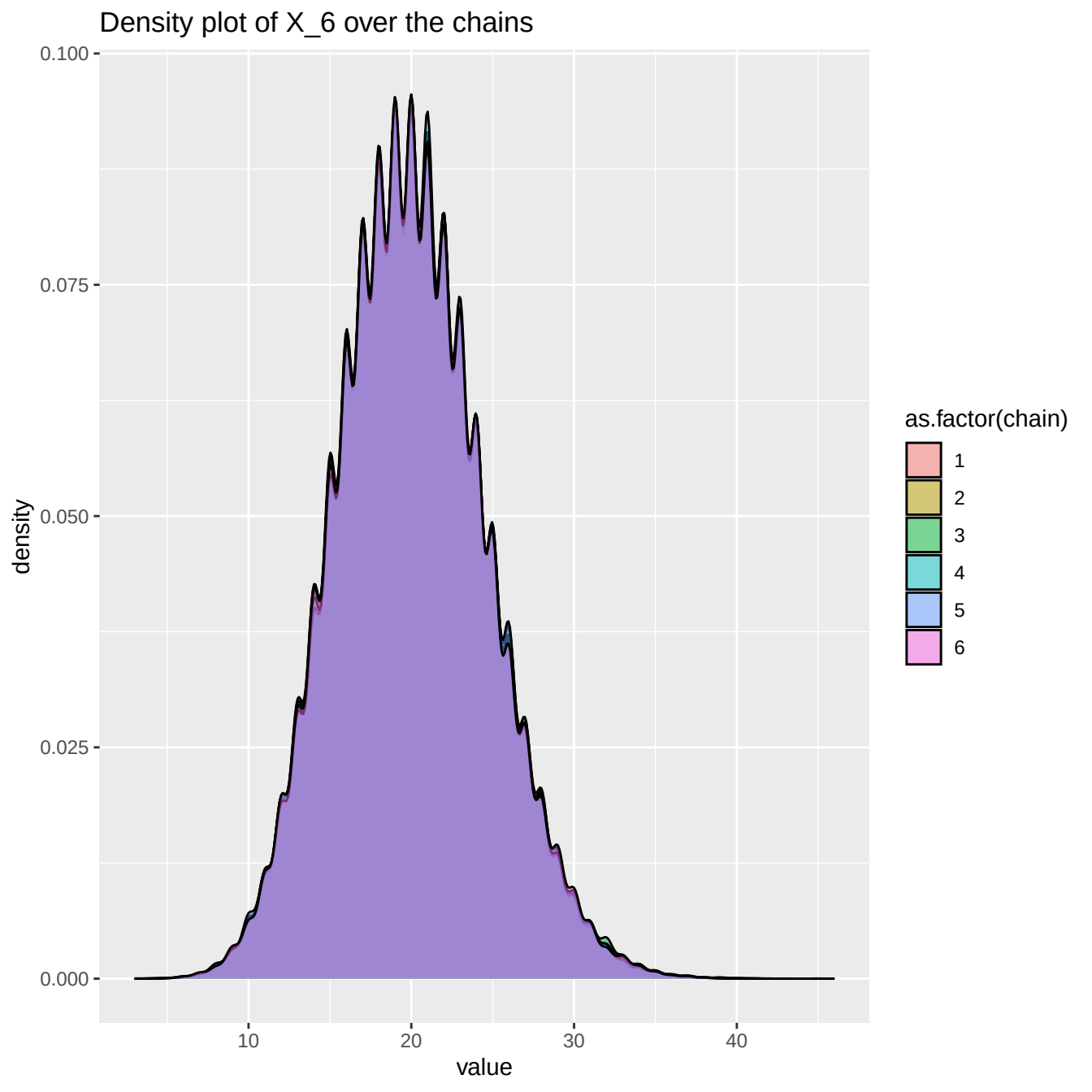

Density plot of X_1 over the chains
0.100
0.075
0.050
0.025
0.000
density
0
10
20
30
40
value
as.factor(chain)
1
2
3
4
5
6

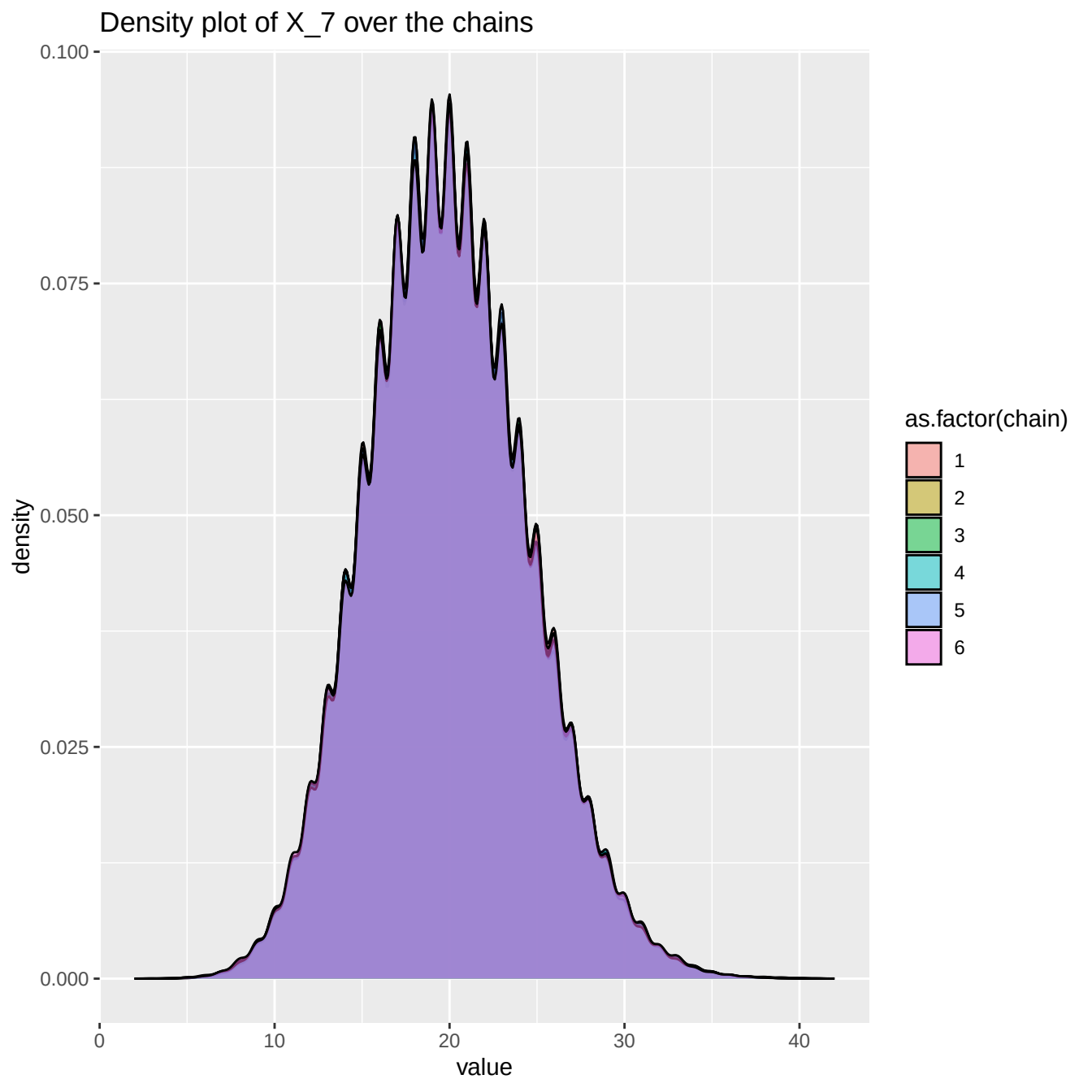

Density plot of X_2 over the chains
density
15
10
5
0
0
10
20
value
as.factor(chain)
1
2
3
4
5
6

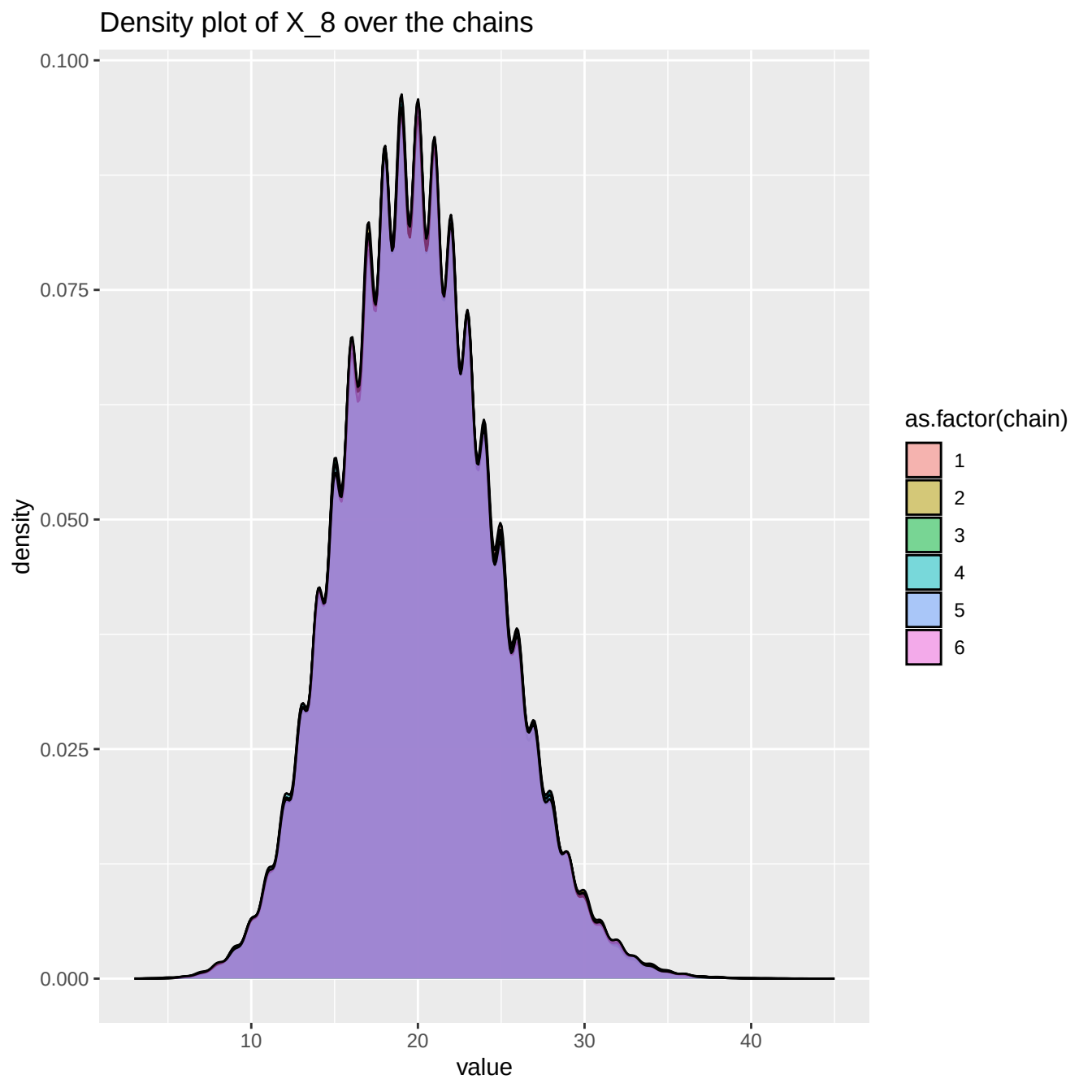

Density plot of X_3 over the chains
density
value
0
10
20
30
0
10
20
as.factor(chain)
1
2
3
4
5
6

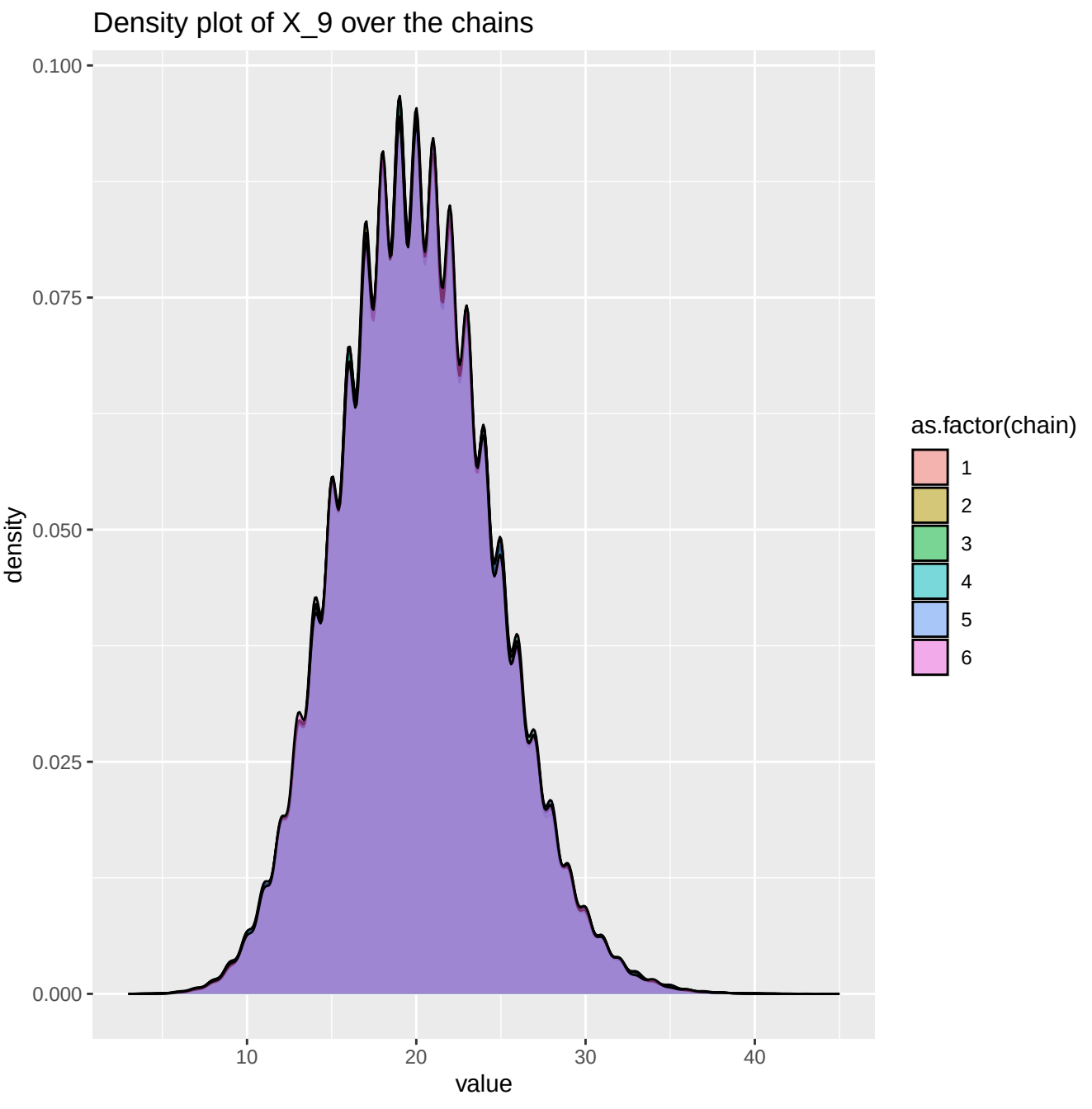

Density plot of X_4 over the chains
10.0
7.5
5.0
2.5
0.0
density
0
10
20
value
as.factor(chain)
1
2
3
4
5
6

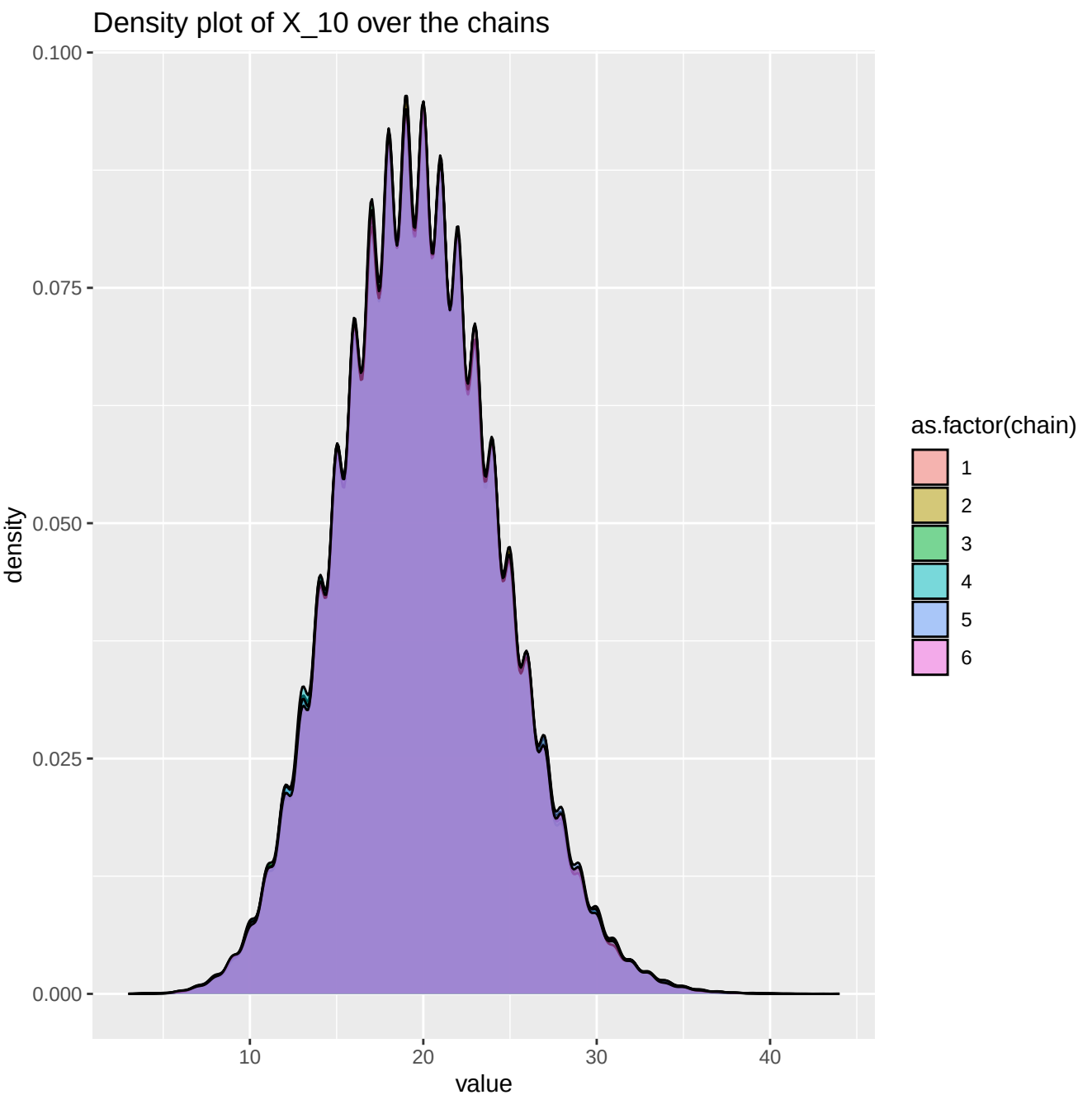

Density plot of X_5 over the chains
density
value
0
5
10
15
20
0
10
20
30
as.factor(chain)
1
2
3
4
5
6

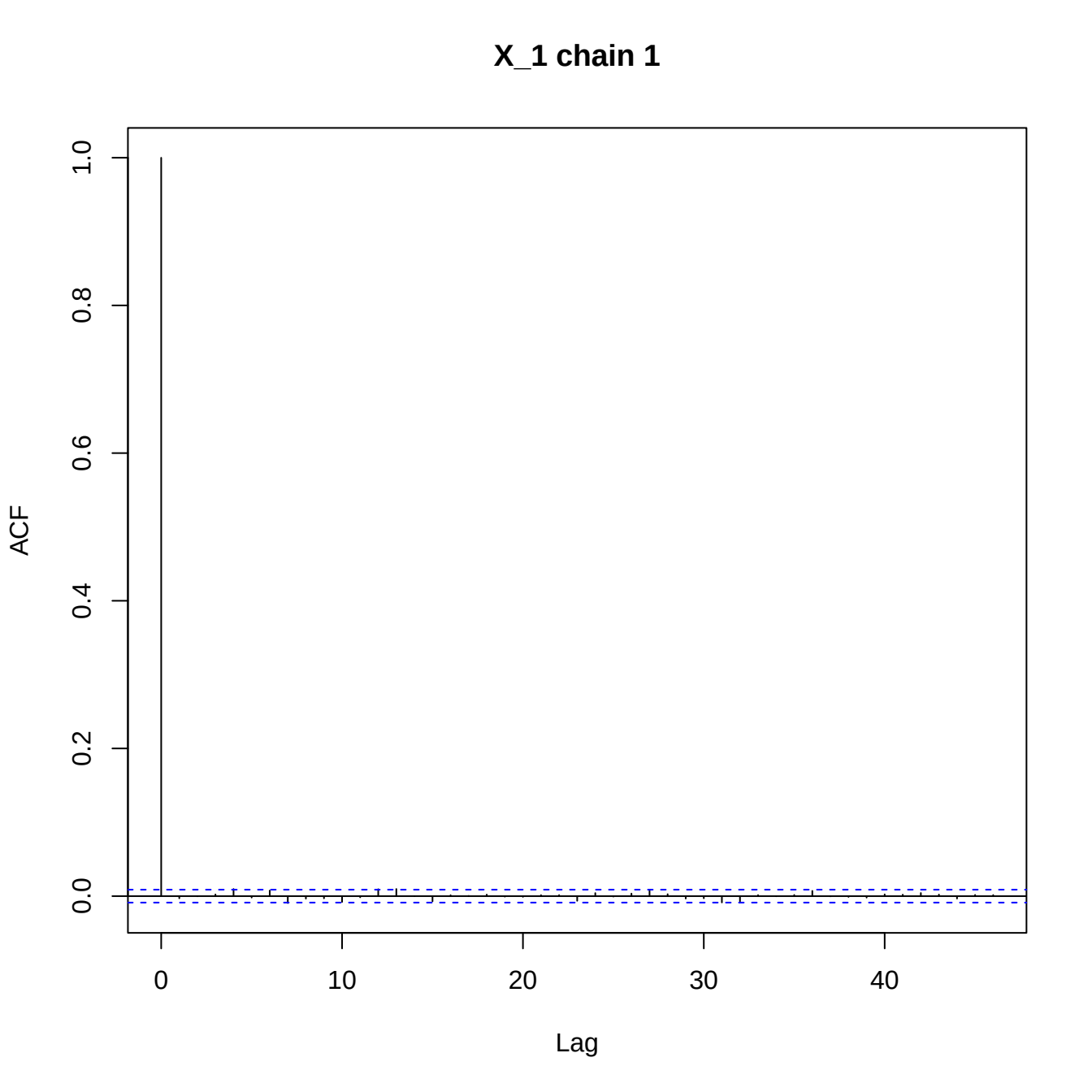

Density plot of X_6 over the chains
0.100
0.075
0.050
0.025
0.000
density
10
20
30
40
value
as.factor(chain)
1
2
3
4
5
6

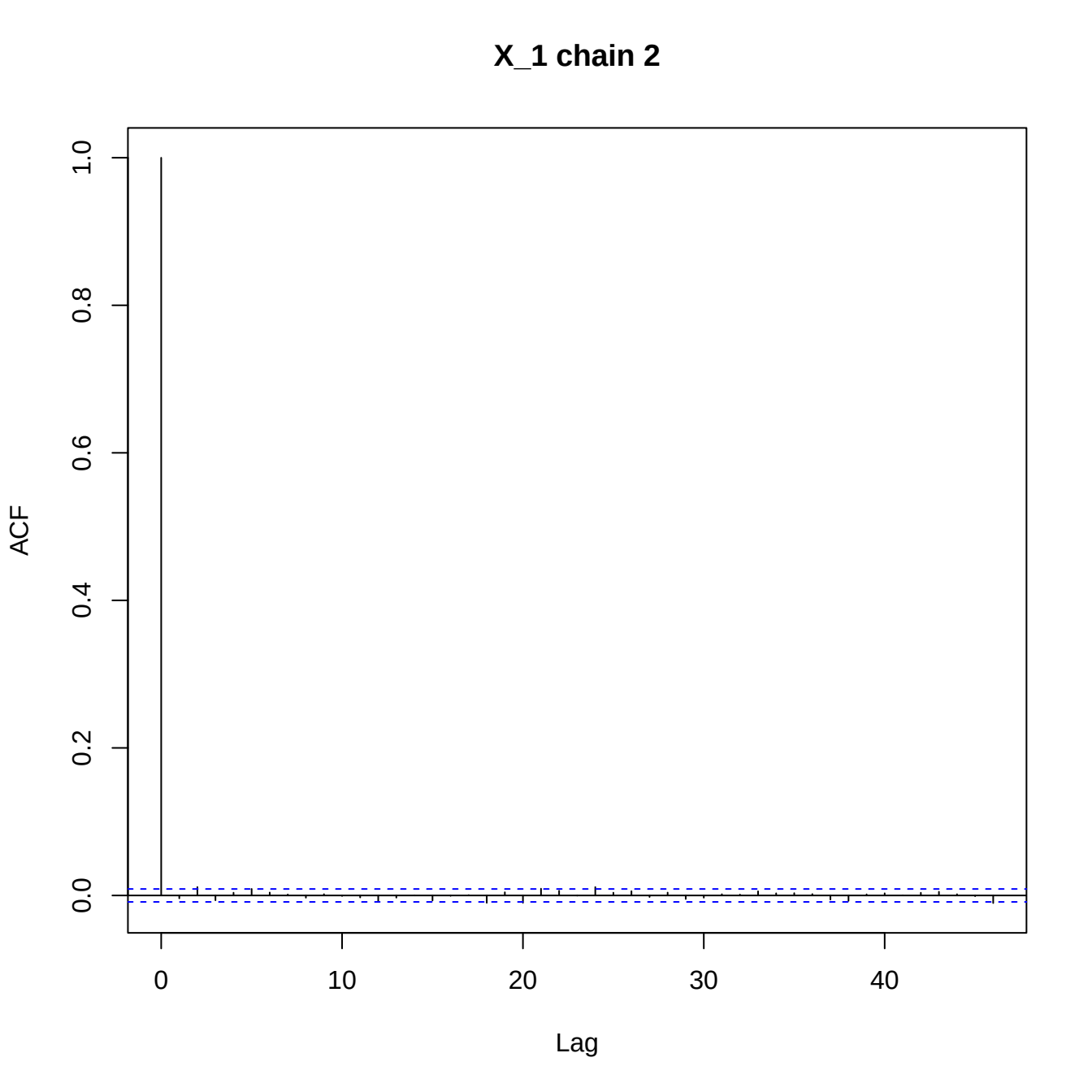

Density plot of X_7 over the chains
0.100
0.075
0.050
0.025
0.000
density
0
10
20
30
40
value
as.factor(chain)
1
2
3
4
5
6

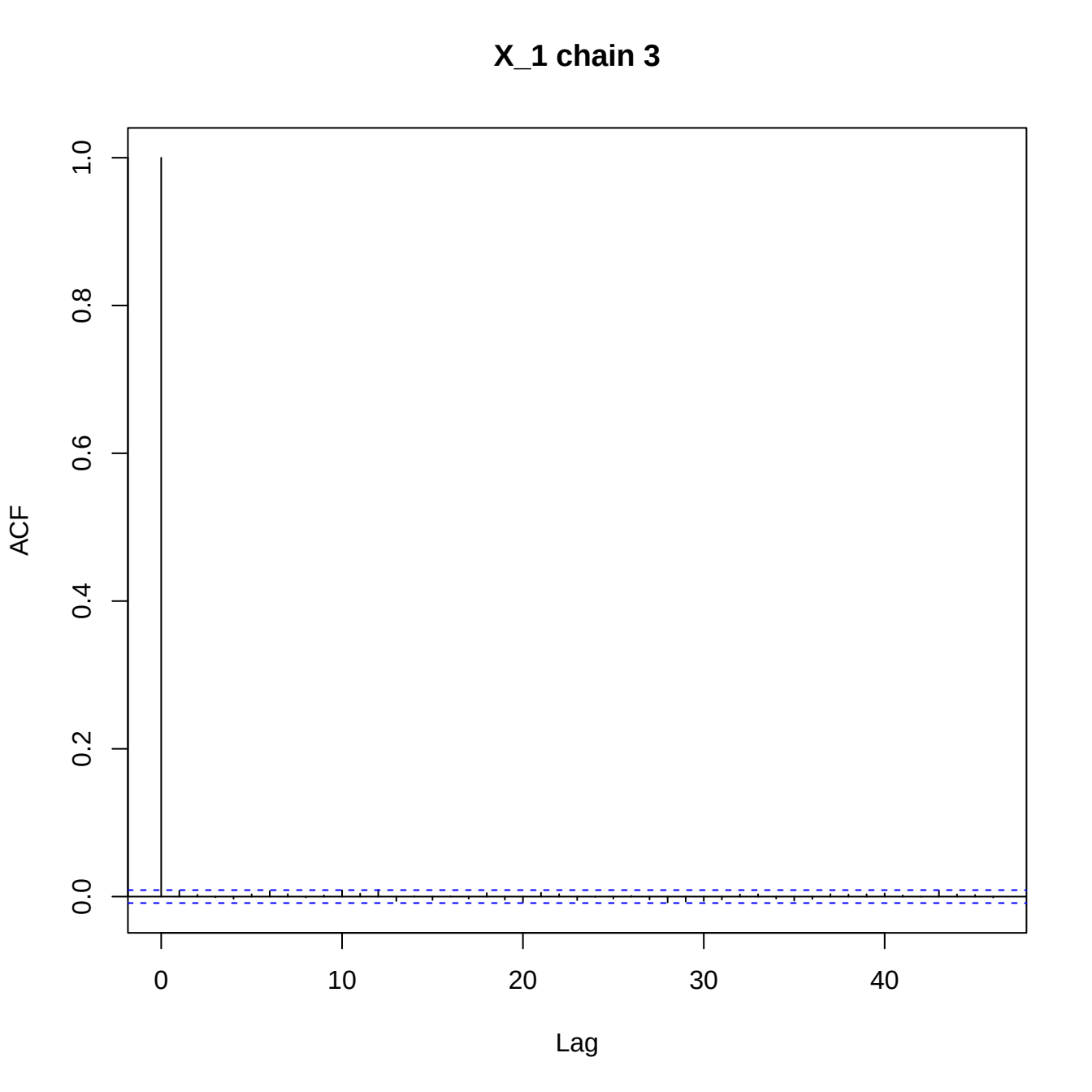

Density plot of X_8 over the chains
0.100
0.075
0.050
0.025
0.000
density
10
20
30
40
value
as.factor(chain)
1
2
3
4
5
6

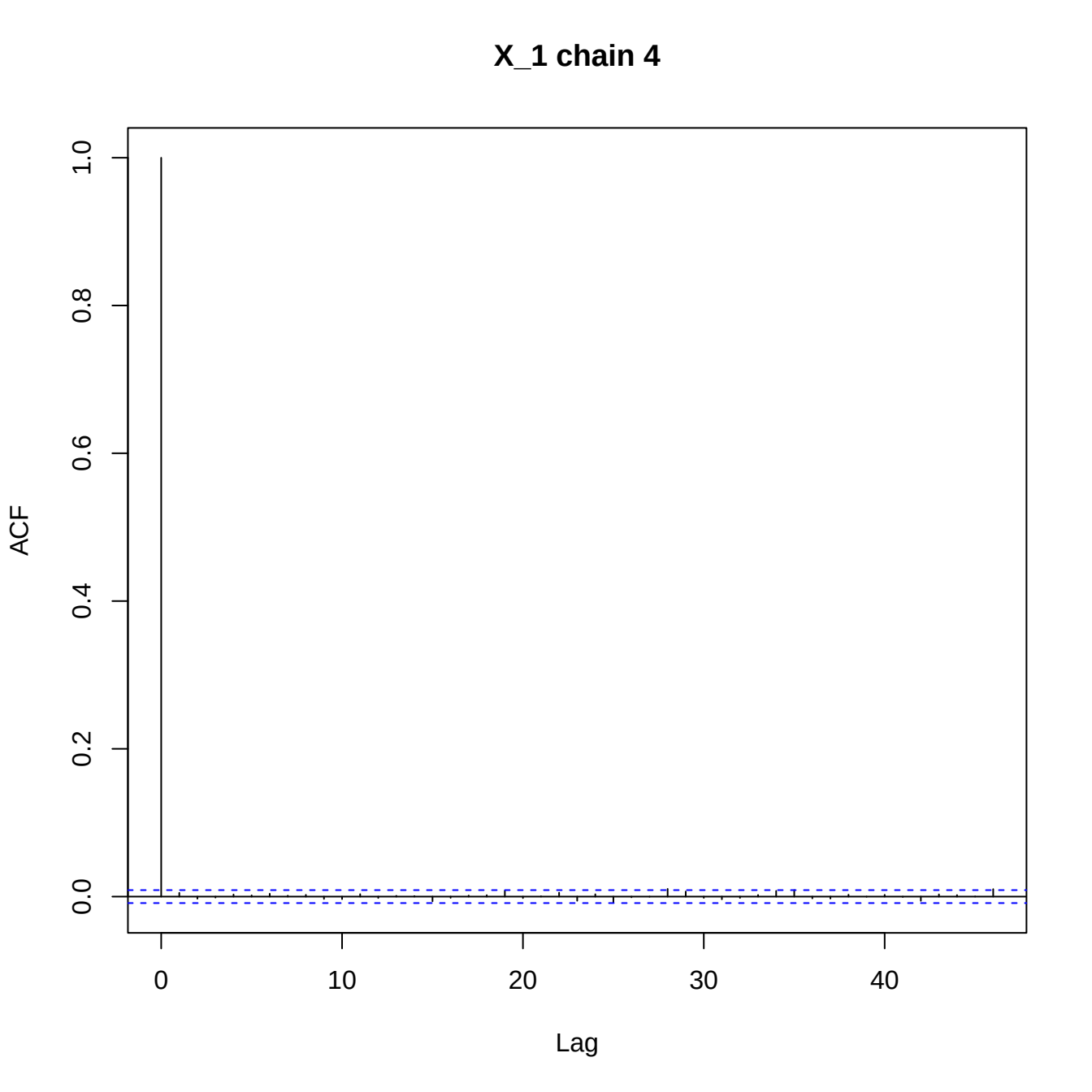

Density plot of X_9 over the chains
0.100
0.075
0.050
0.025
0.000
density
10
20
30
40
value
as.factor(chain)
1
2
3
4
5
6

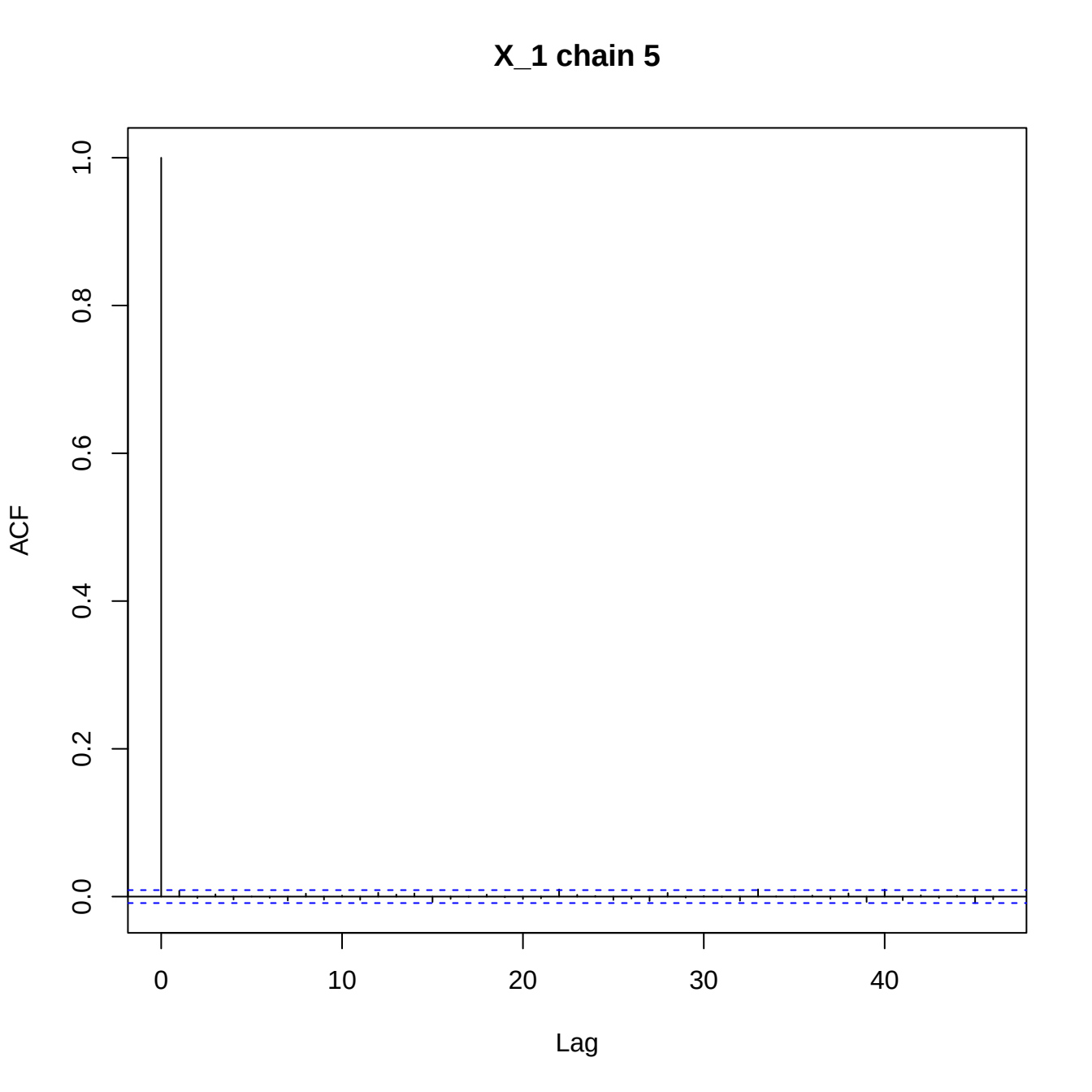

Density plot of X_10 over the chains
0.100
0.075
0.050
0.025
0.000
density
10
20
30
40
value
as.factor(chain)
1
2
3
4
5
6

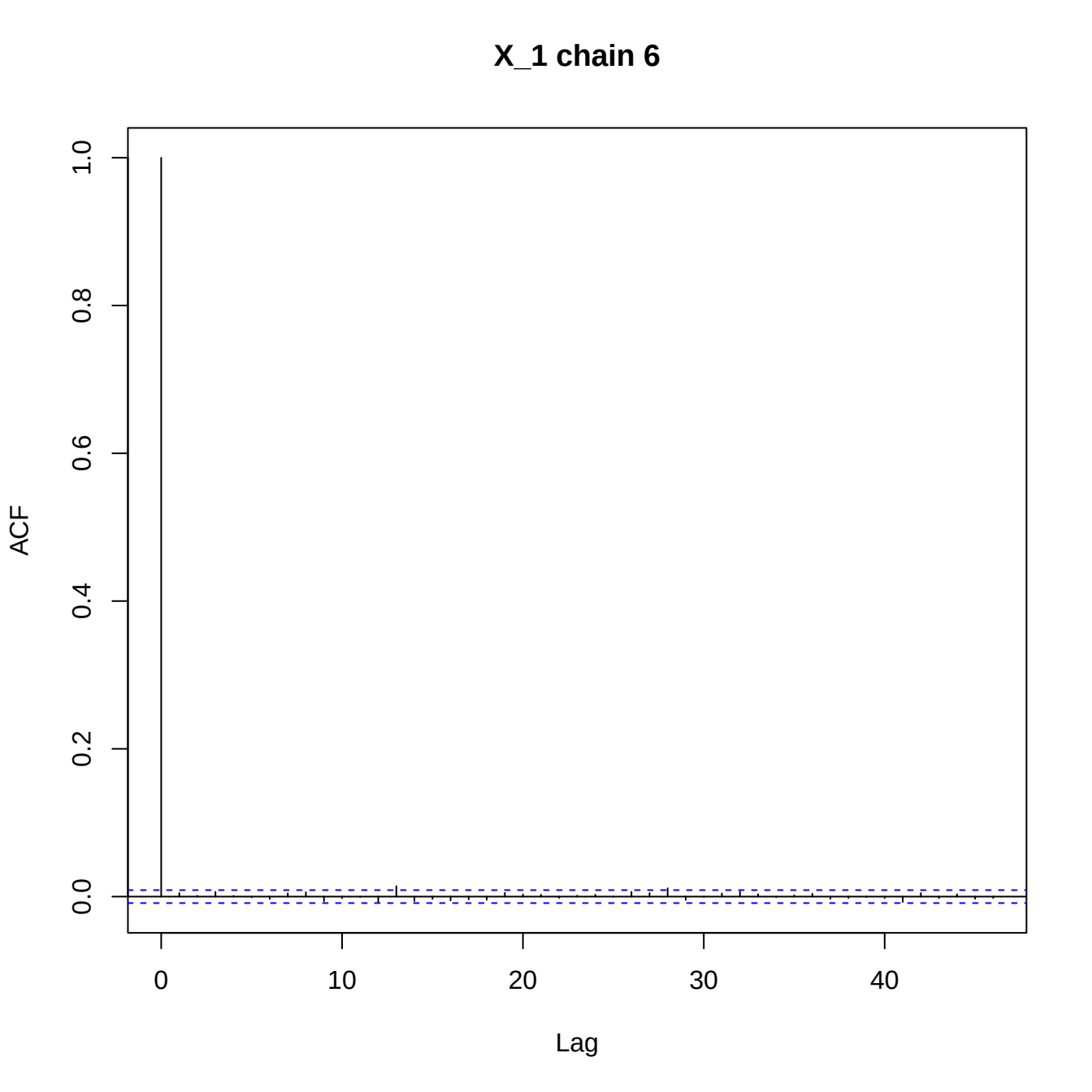

X_1 chain 1
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
10
20
30
40
Lag

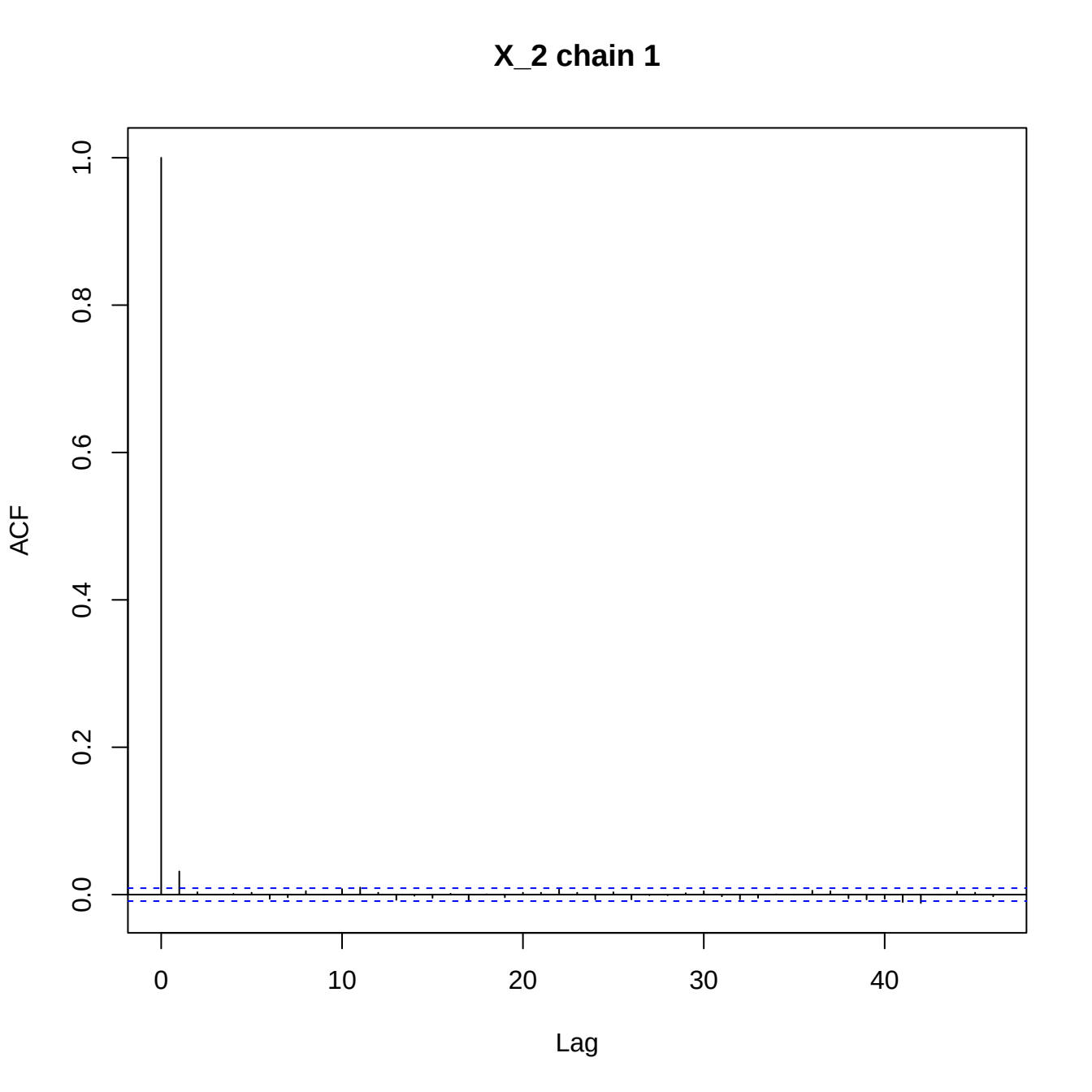

X_1 chain 2
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
10
20
30
40
Lag

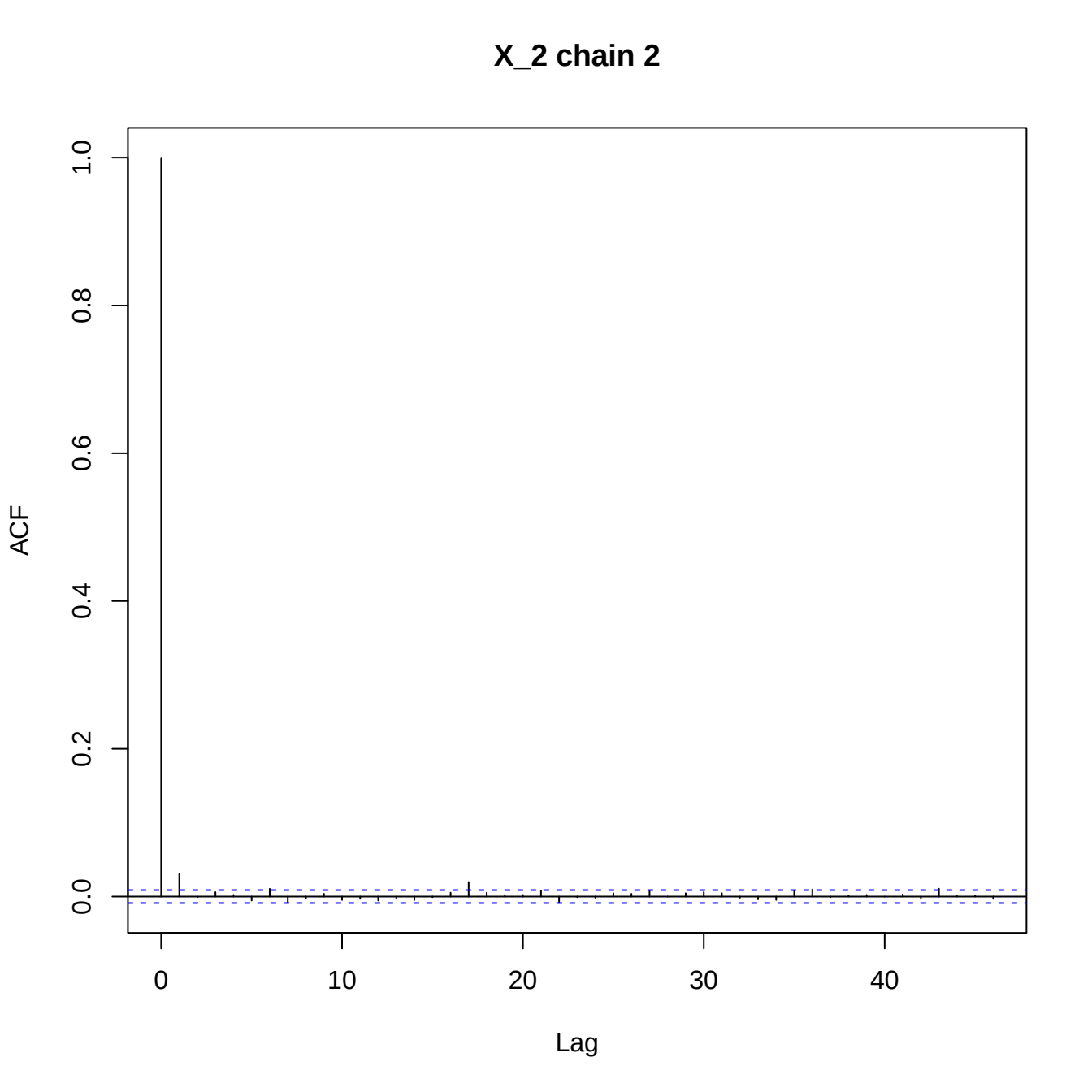

X_1 chain 3
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
10
20
30
40
Lag

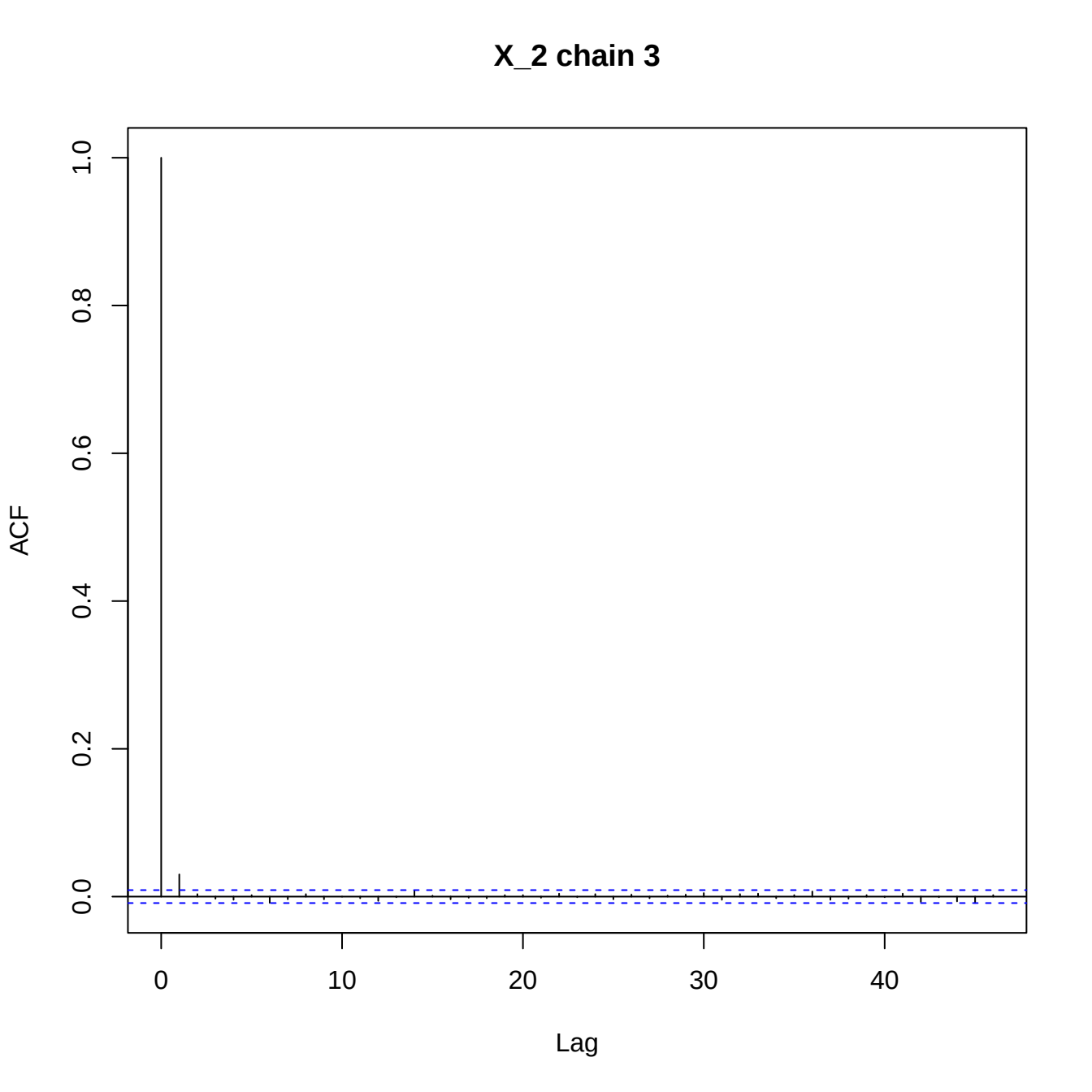

X_1 chain 4
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
10
20
30
40
Lag

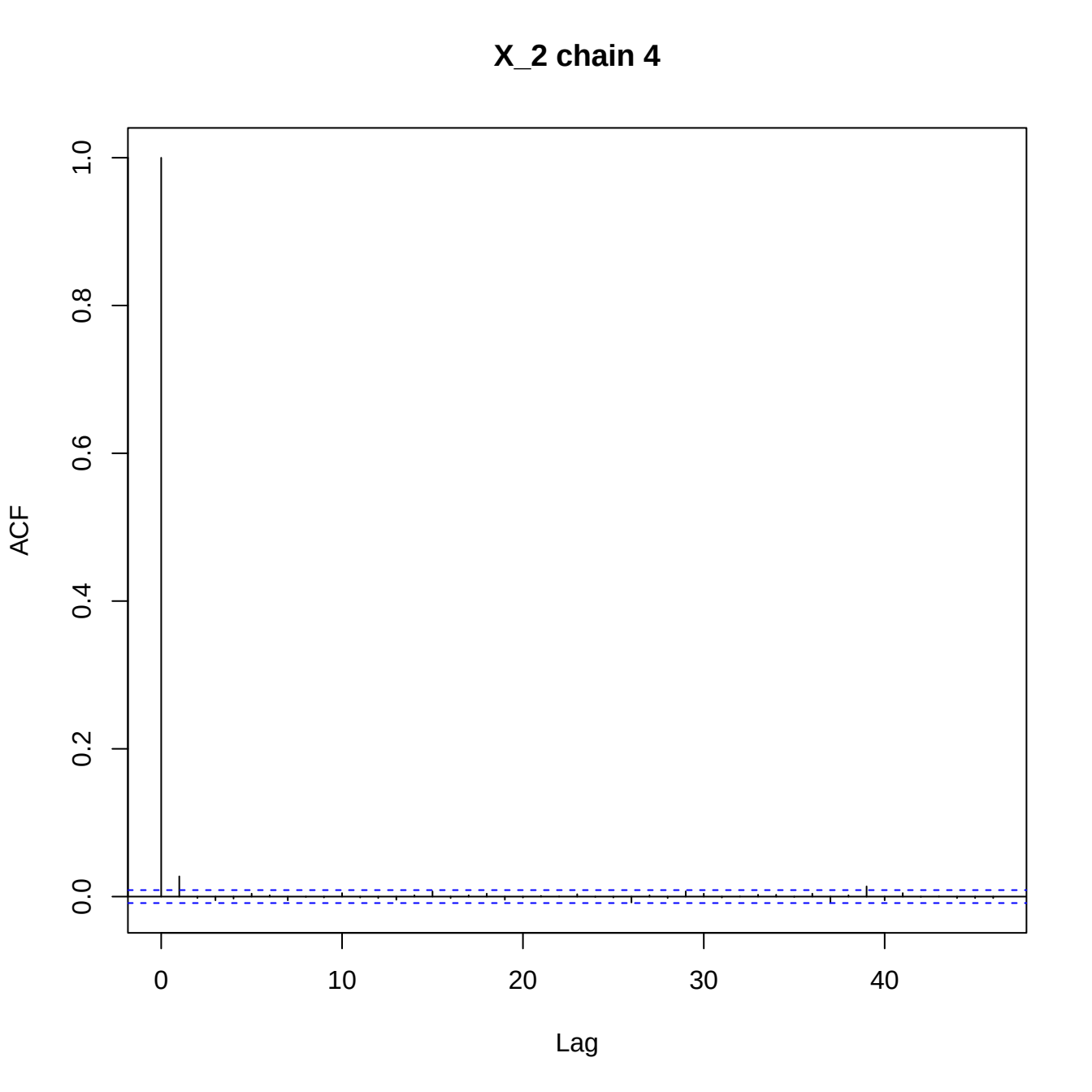

X_1 chain 5
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
10
20
30
40
Lag

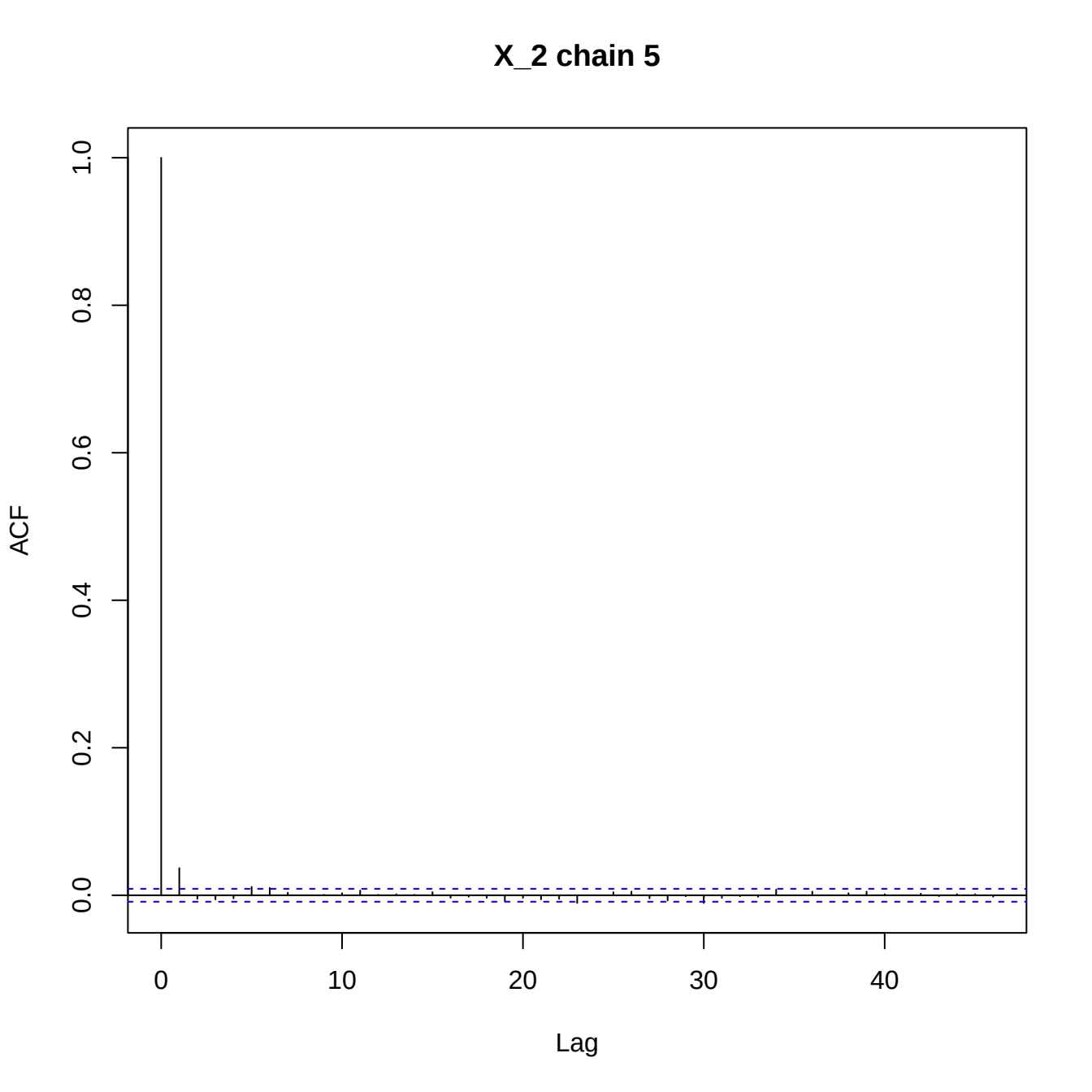

X_1 chain 6
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
10
20
30
40
Lag

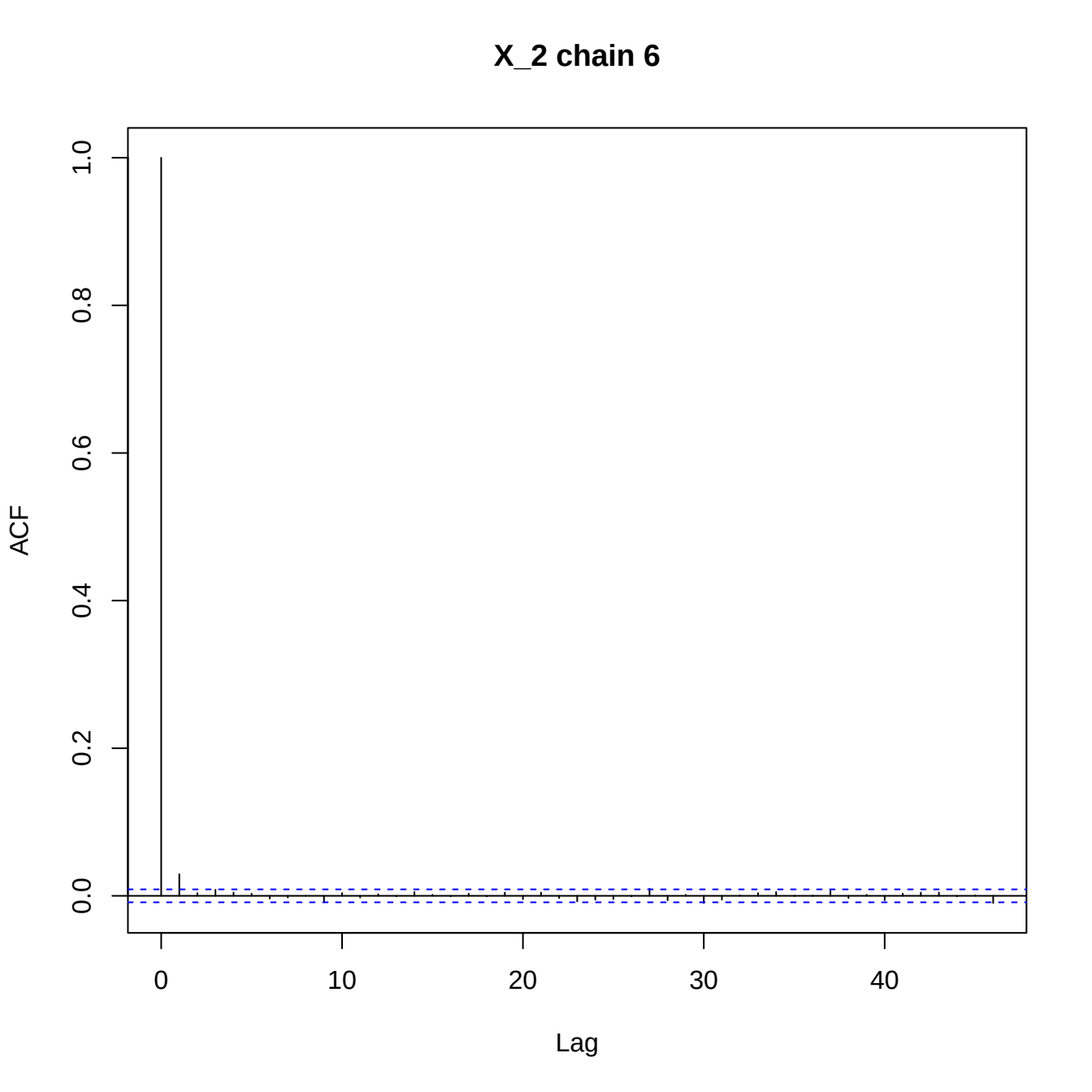

X_2 chain 1
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
10
20
30
40
Lag

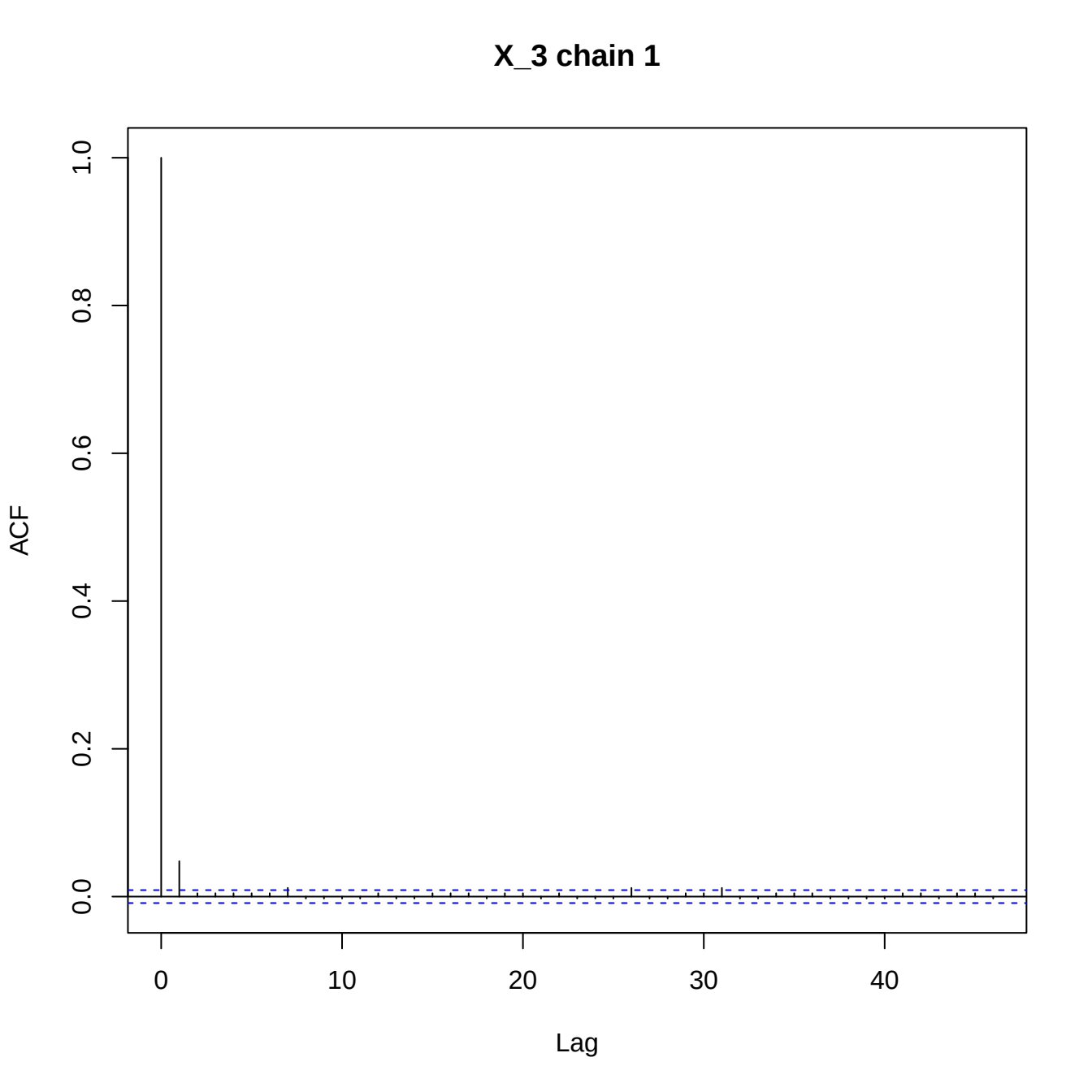

X_2 chain 2
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
10
20
30
40
Lag


X_2 chain 3
ACF
1.0
0.8
0.6
0.4
0.2
0.0
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
0
10
20
30
40
Lag


X_2 chain 6
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
10
20
30
40
Lag


X_3 chain 1
ACF
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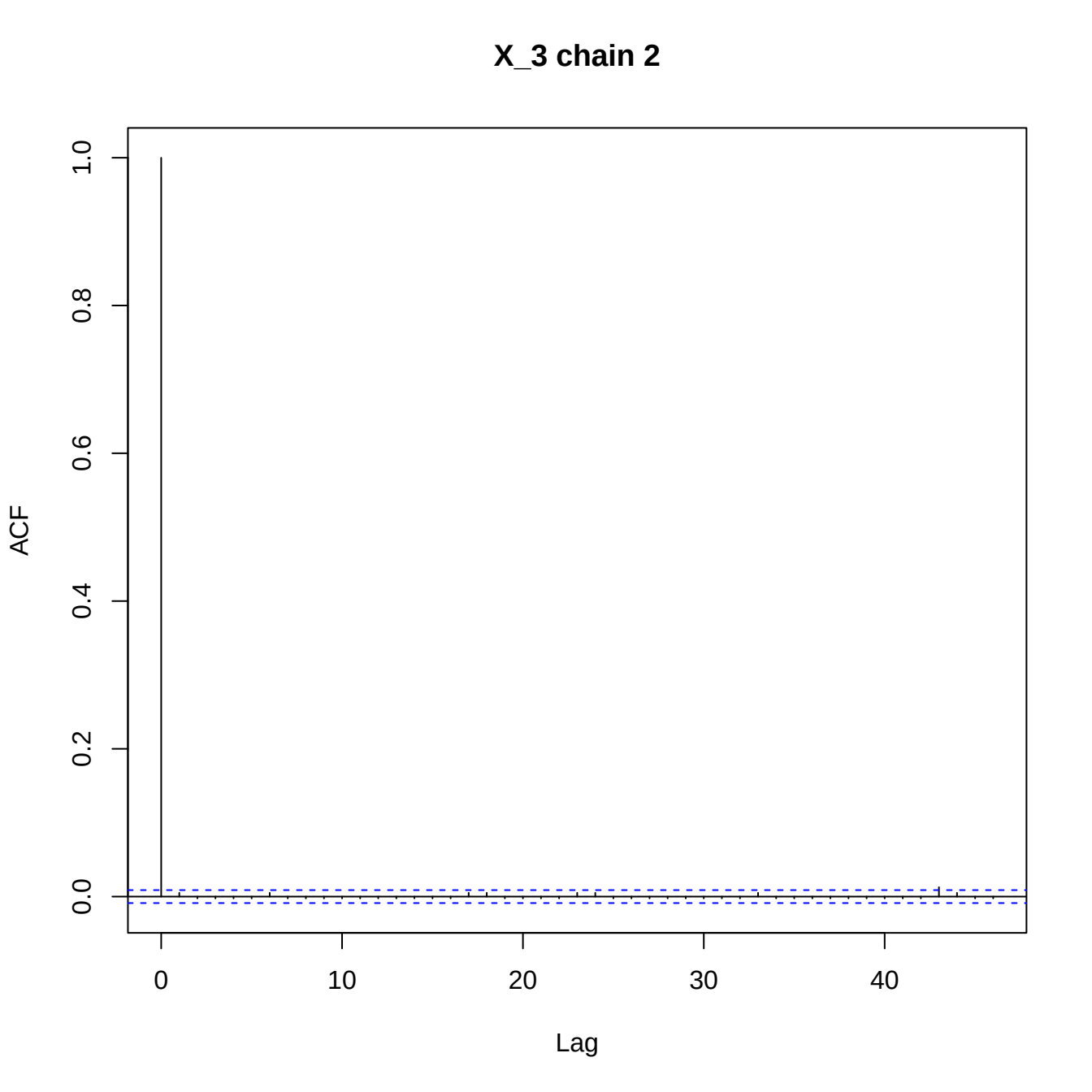
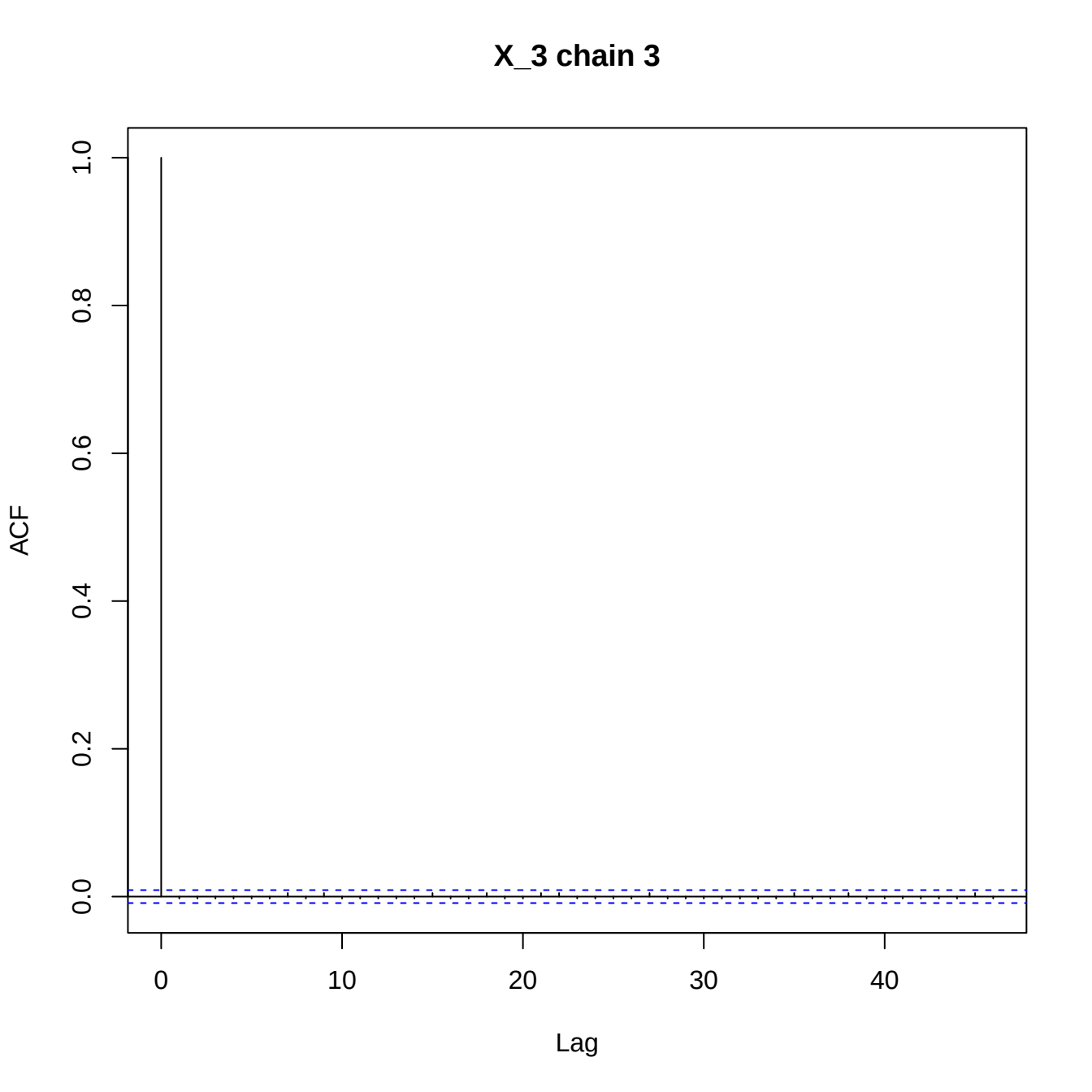
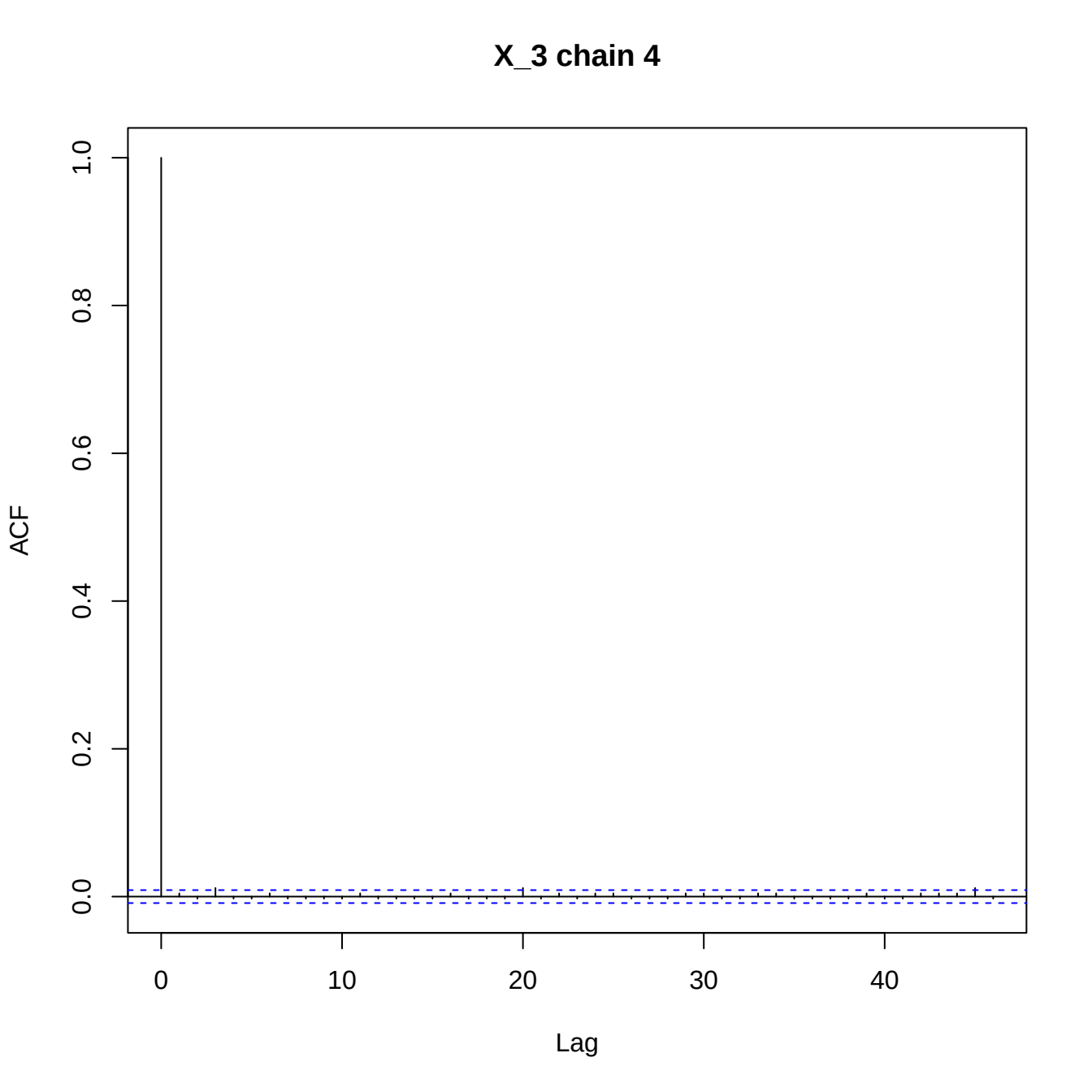
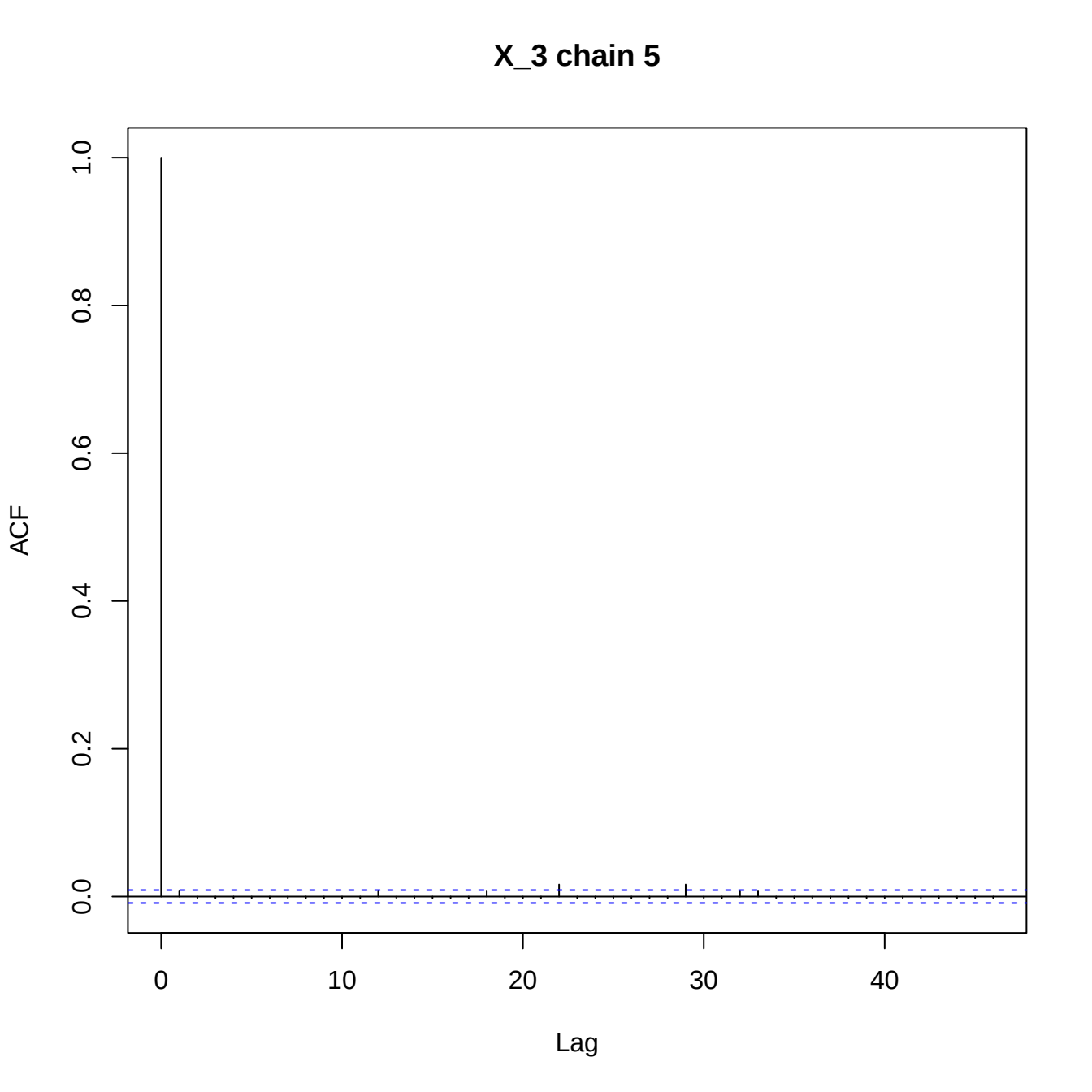
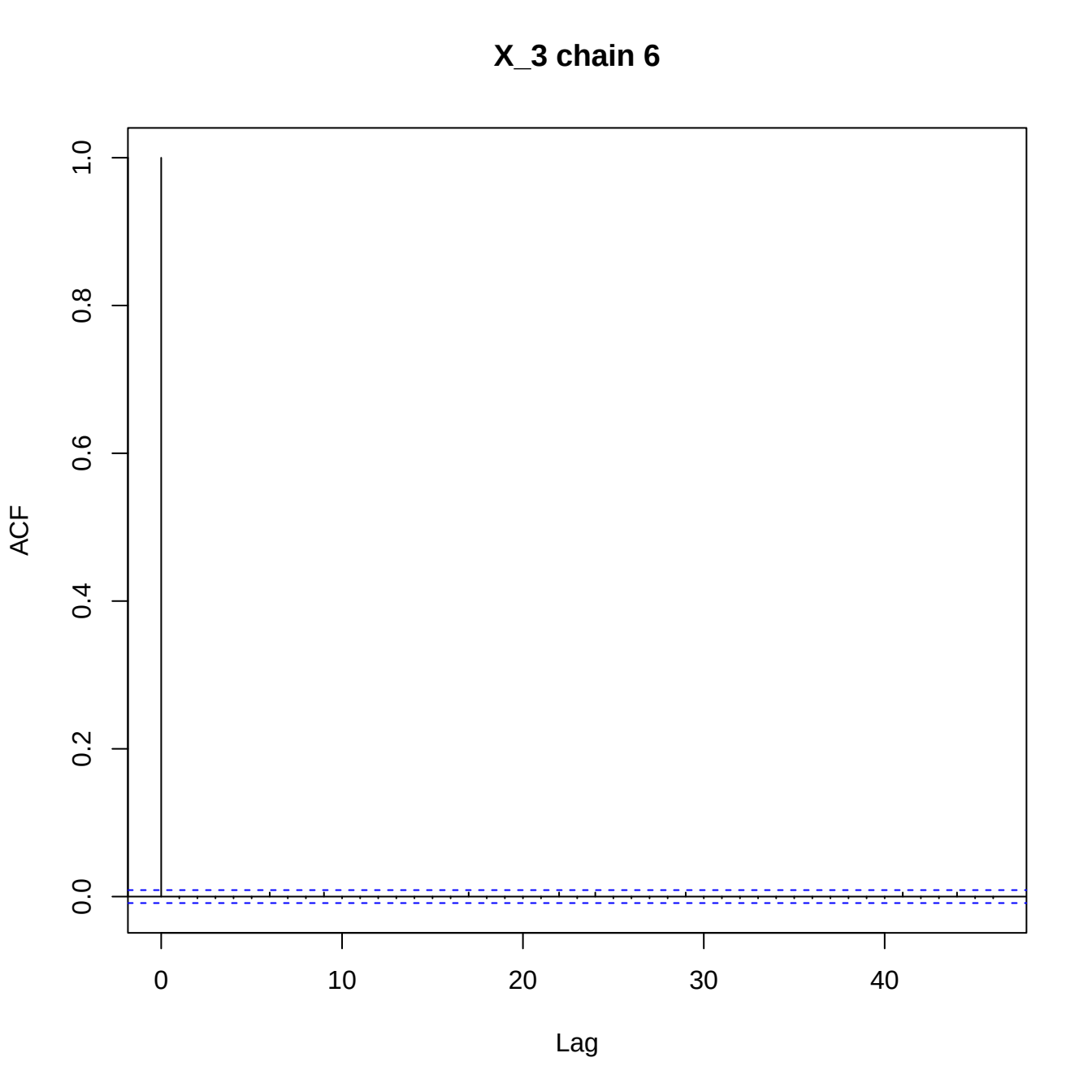
0.8
0.6
0.4
0.2
0.0
0
10
20
30
40
Lag

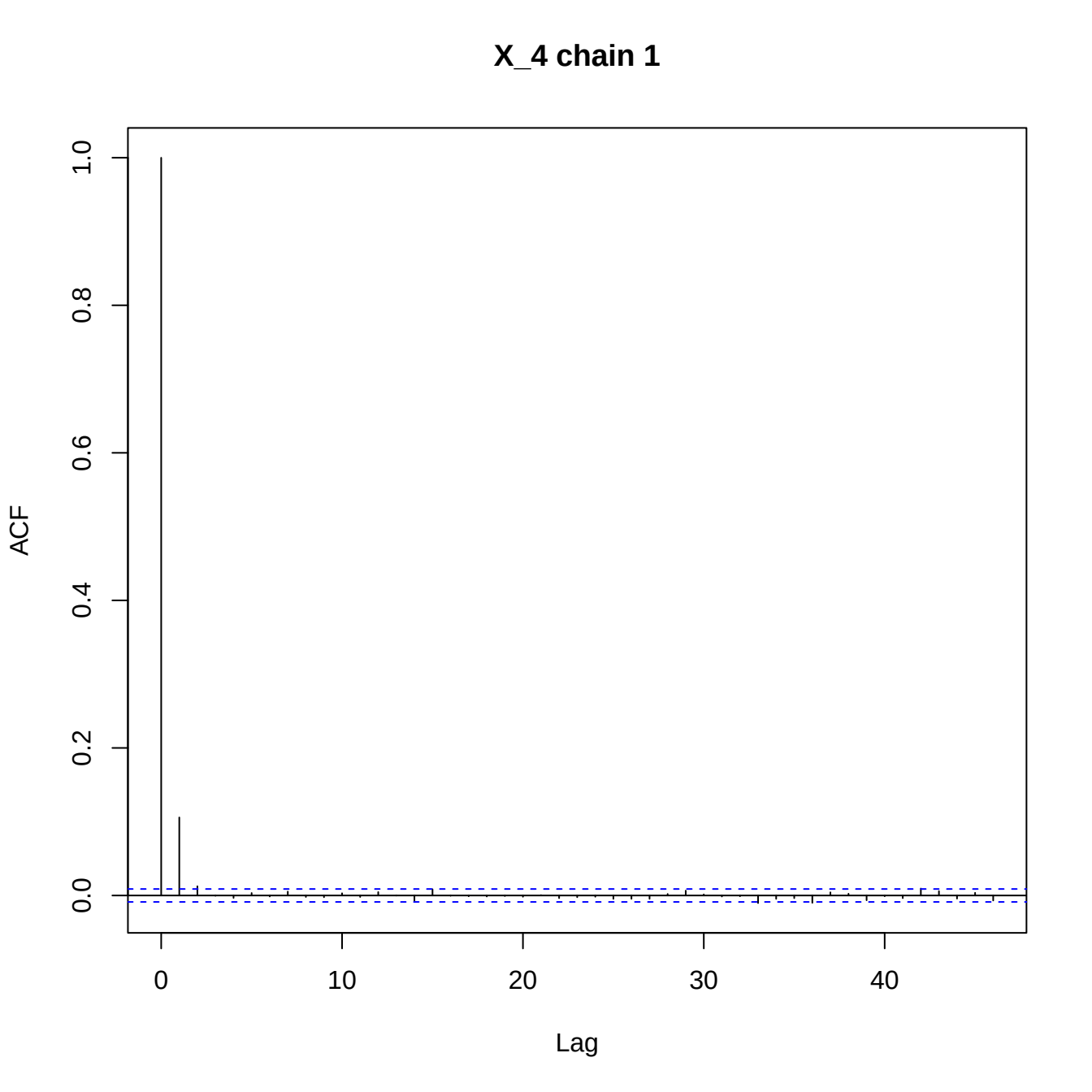

X_3 chain 2
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
10
20
30
40
Lag


X_3 chain 3
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
10
20
30
40
Lag


X_3 chain 4
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
10
20
30
40
Lag


X_3 chain 5
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
10
20
30
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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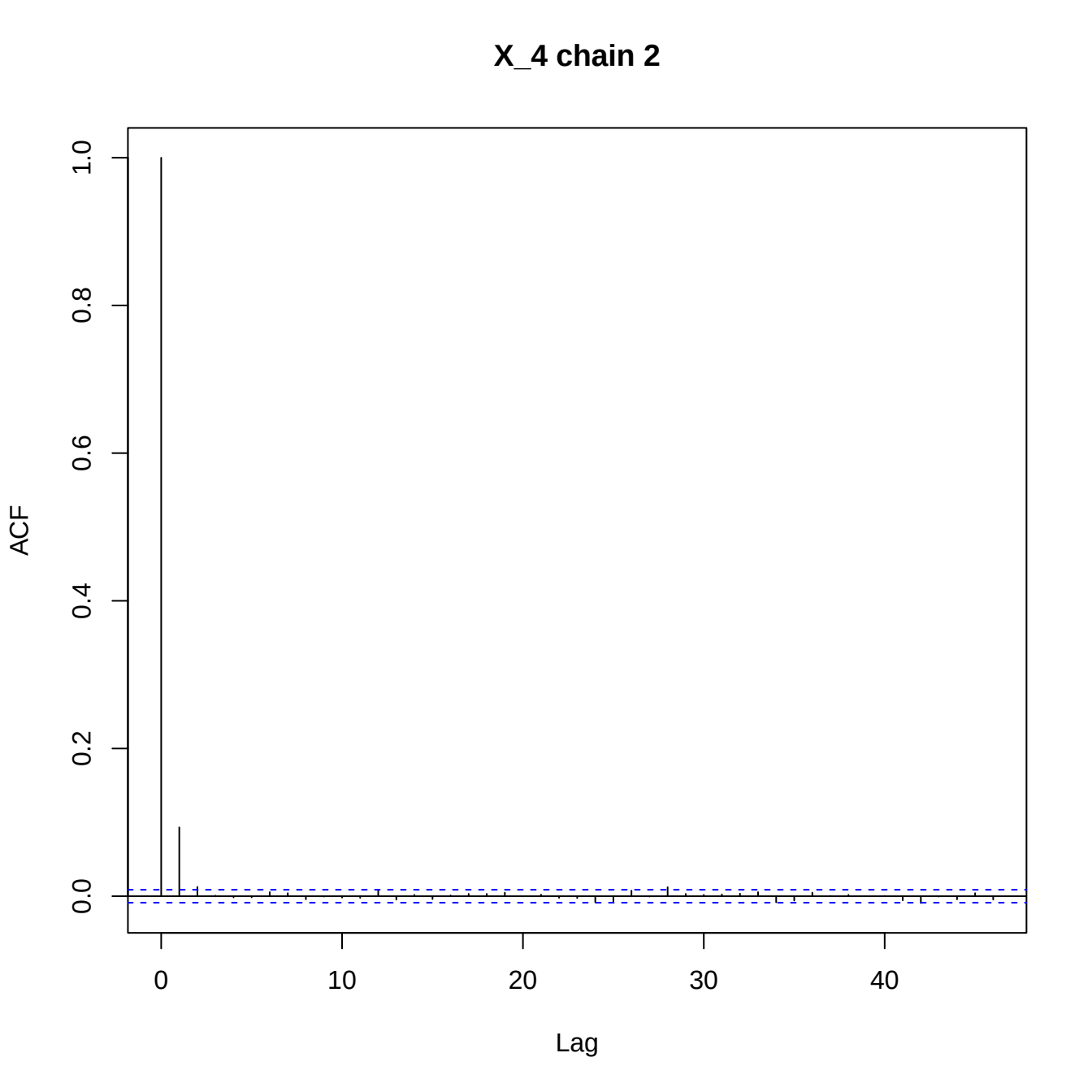
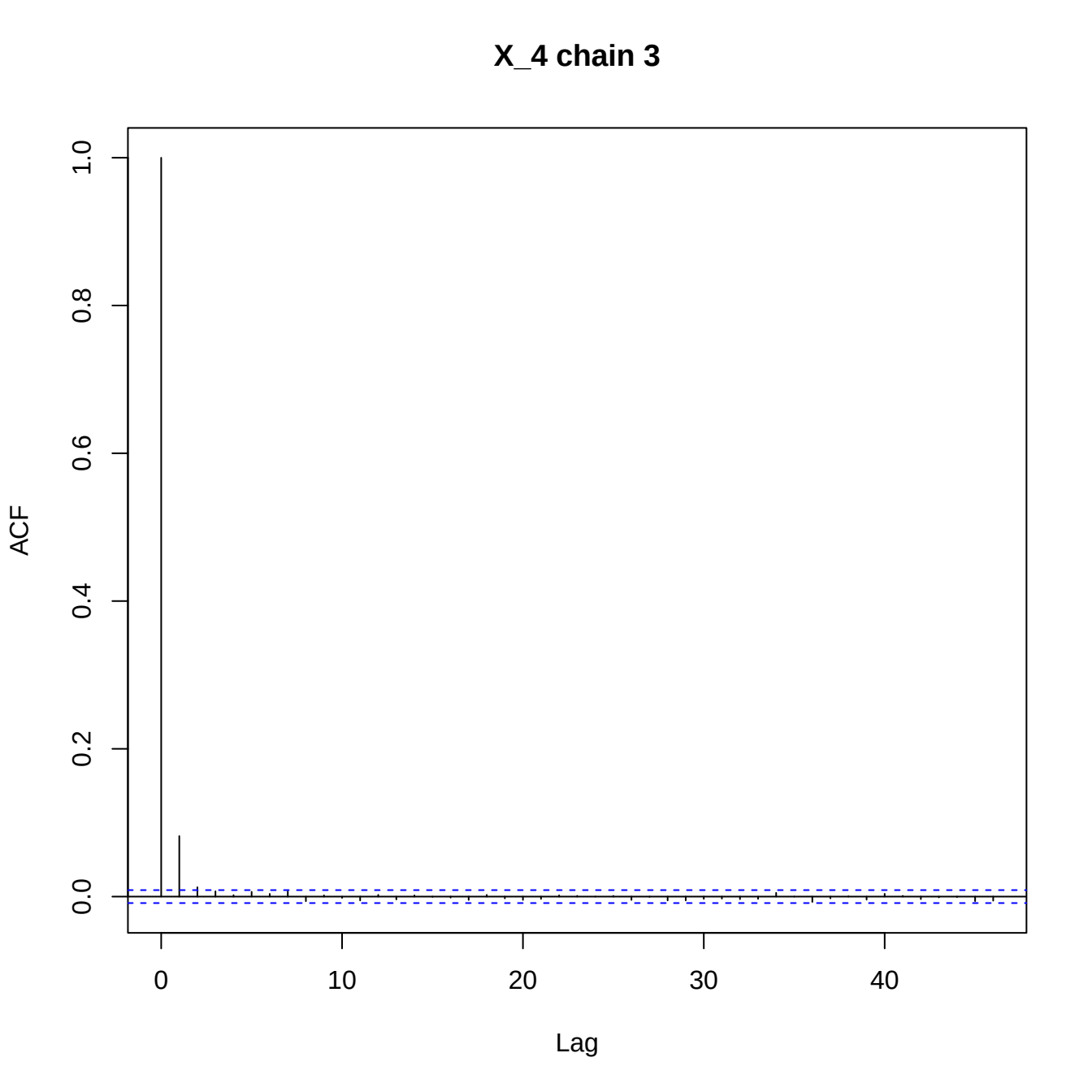
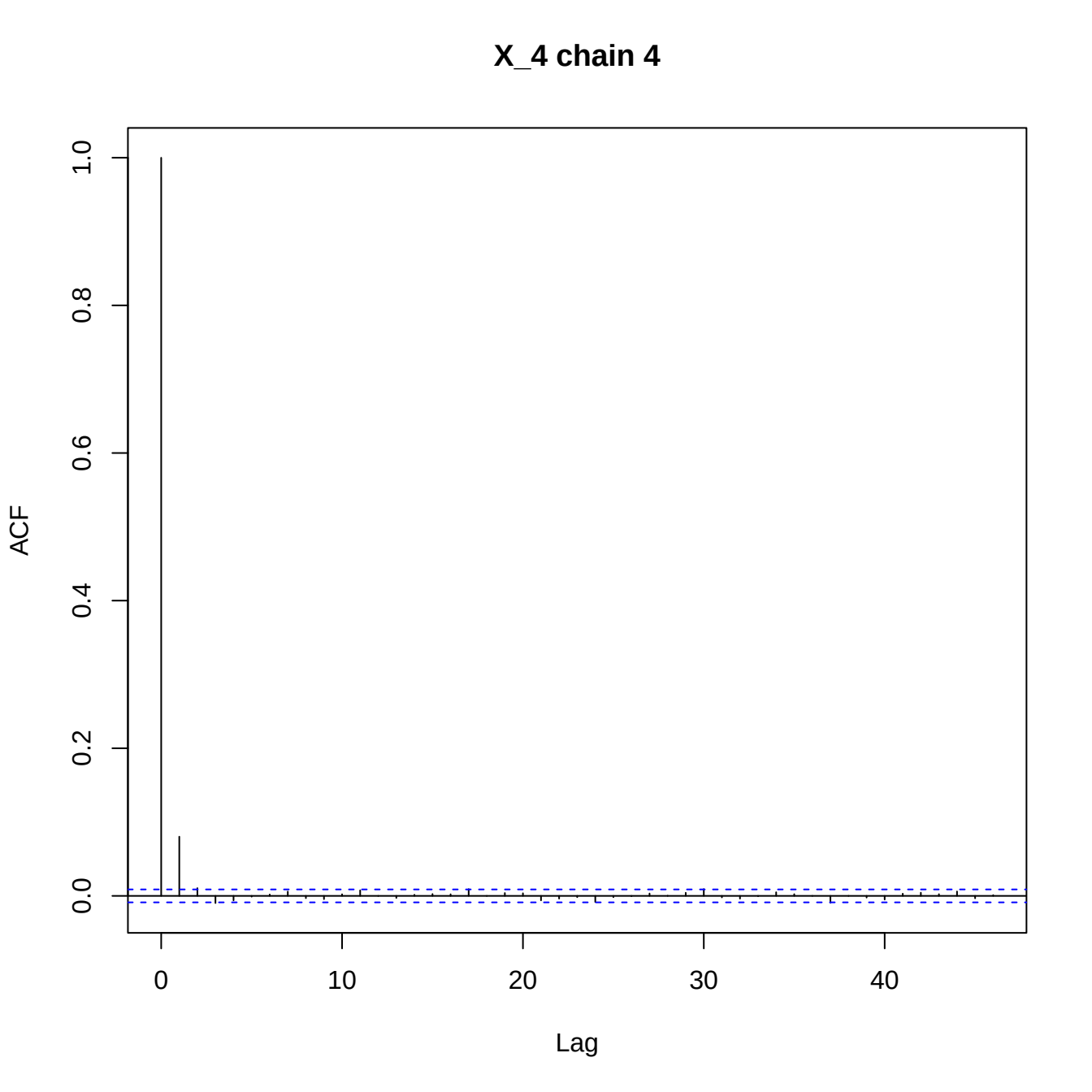
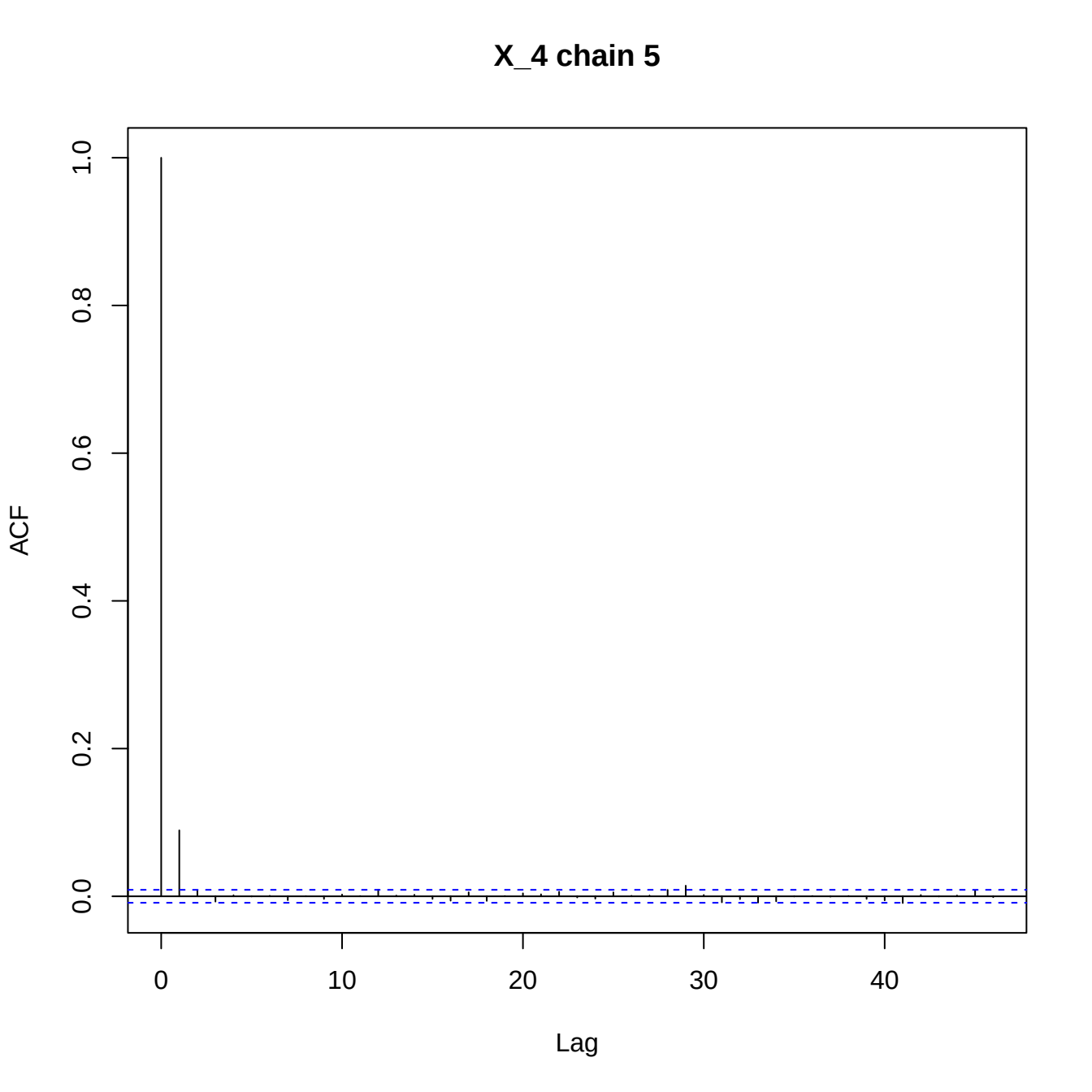
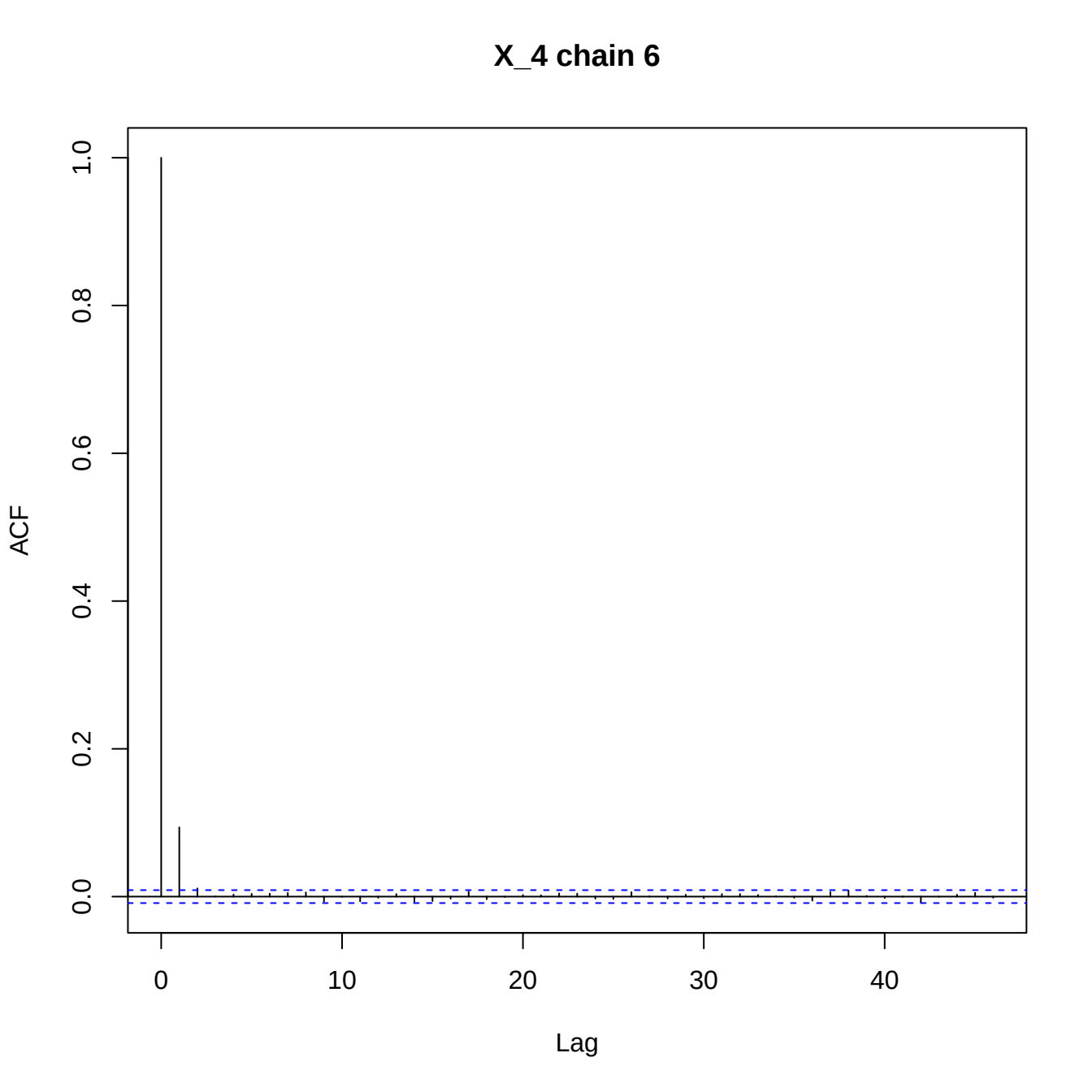
0.8
0.6
0.4
0.2
0.0
0
10
20
30
40
Lag

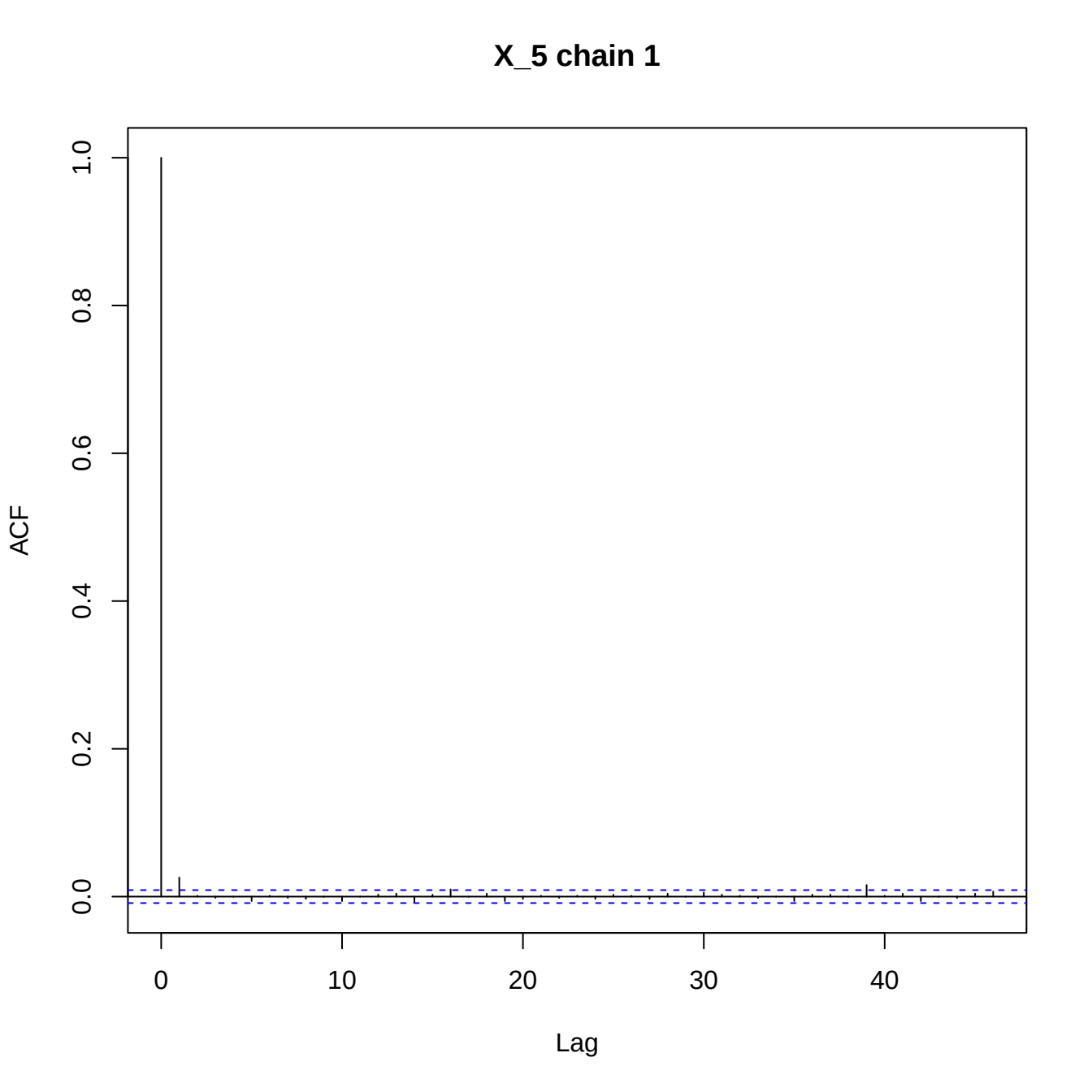

X_4 chain 2
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
10
20
30
40
Lag

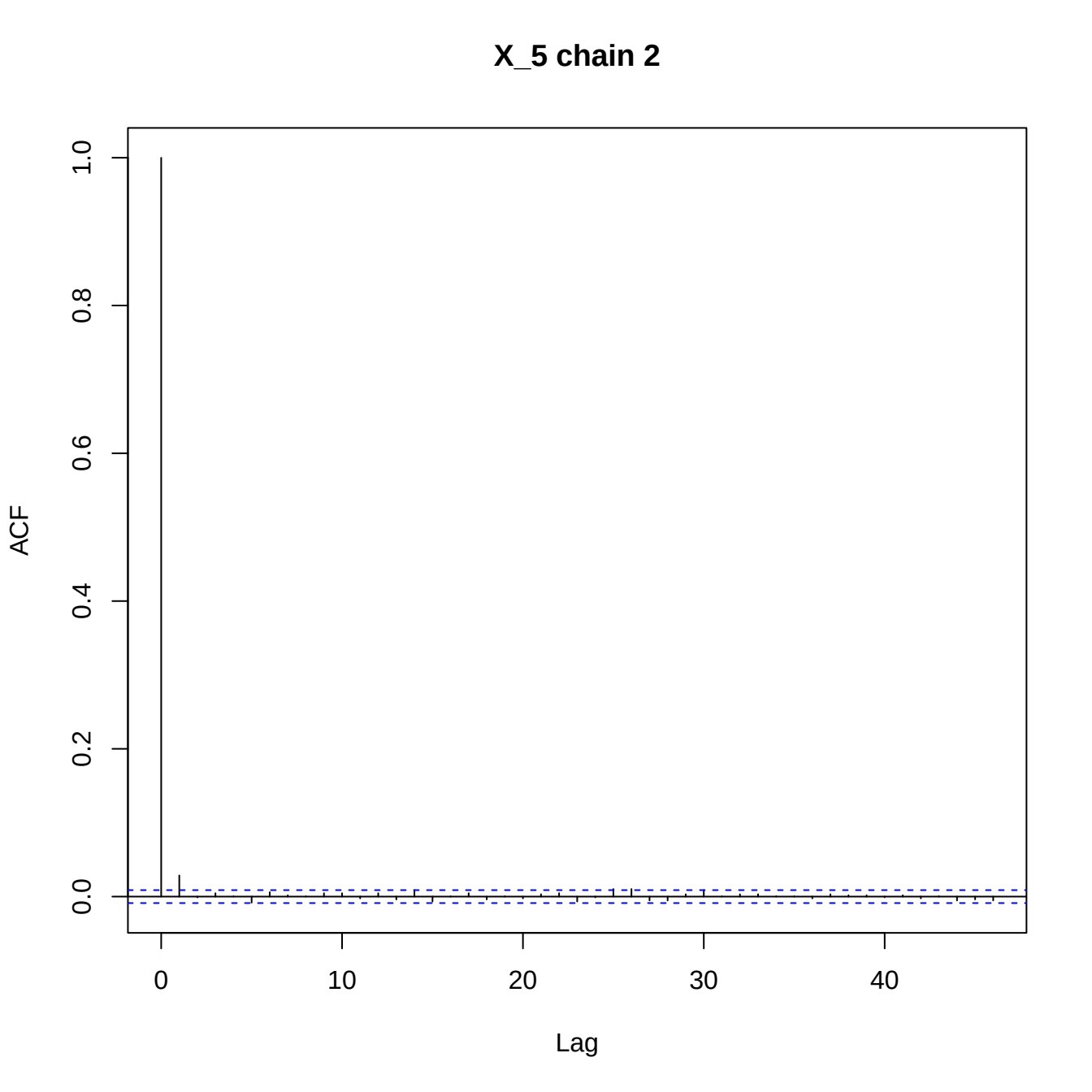

X_4 chain 3
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
10
20
30
40
Lag

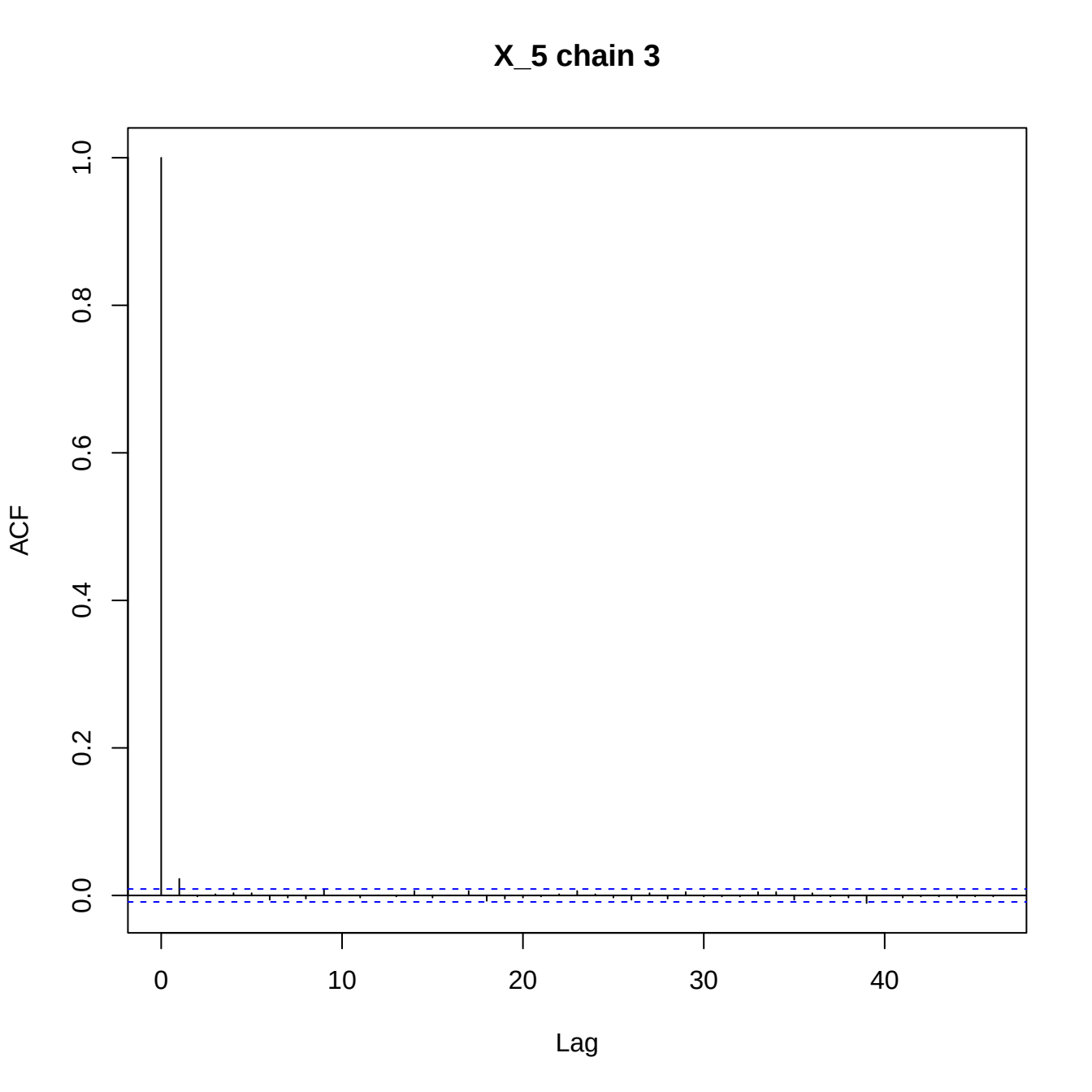

X_4 chain 4
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
10
20
30
40
Lag

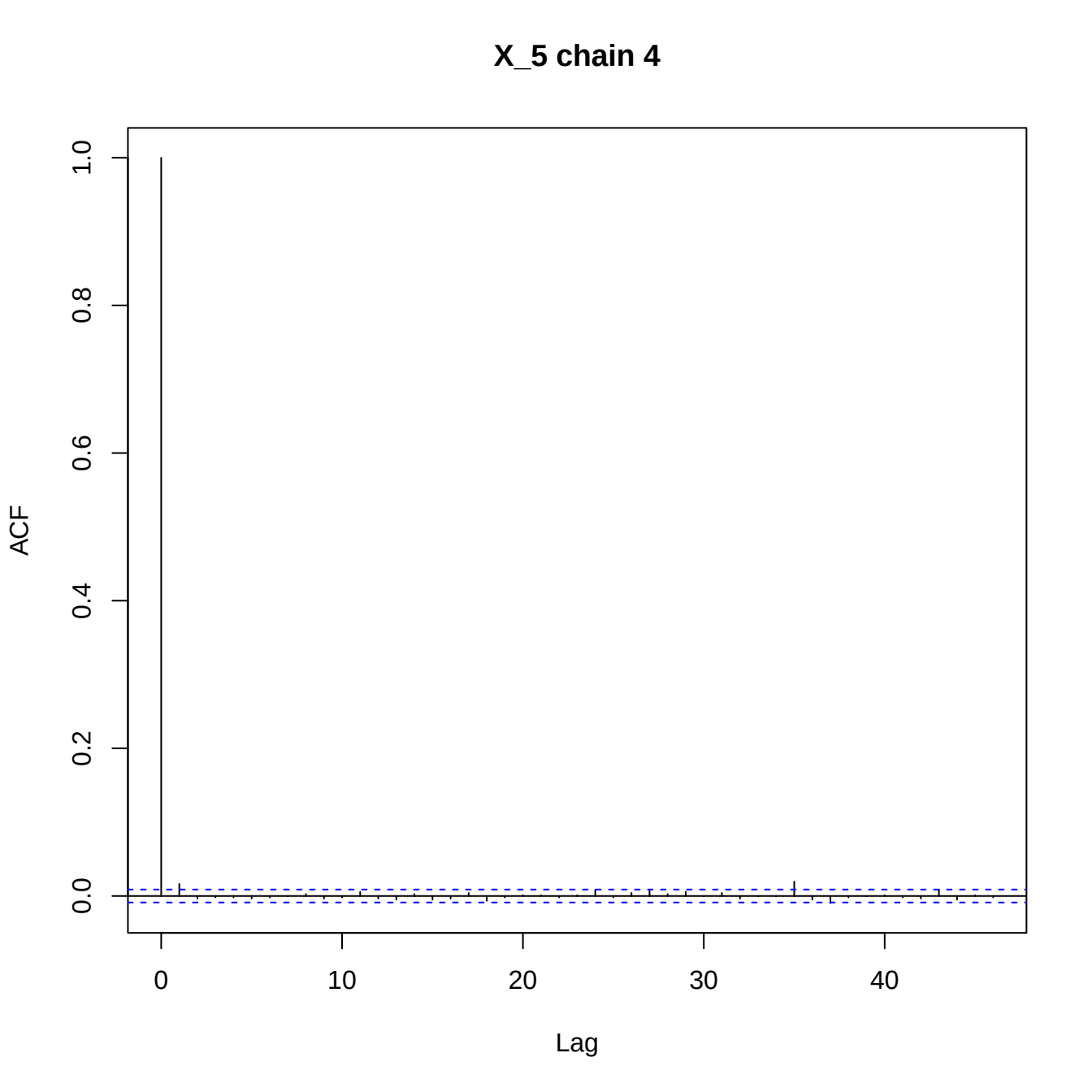

X_4 chain 5
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
10
20
30
40
Lag

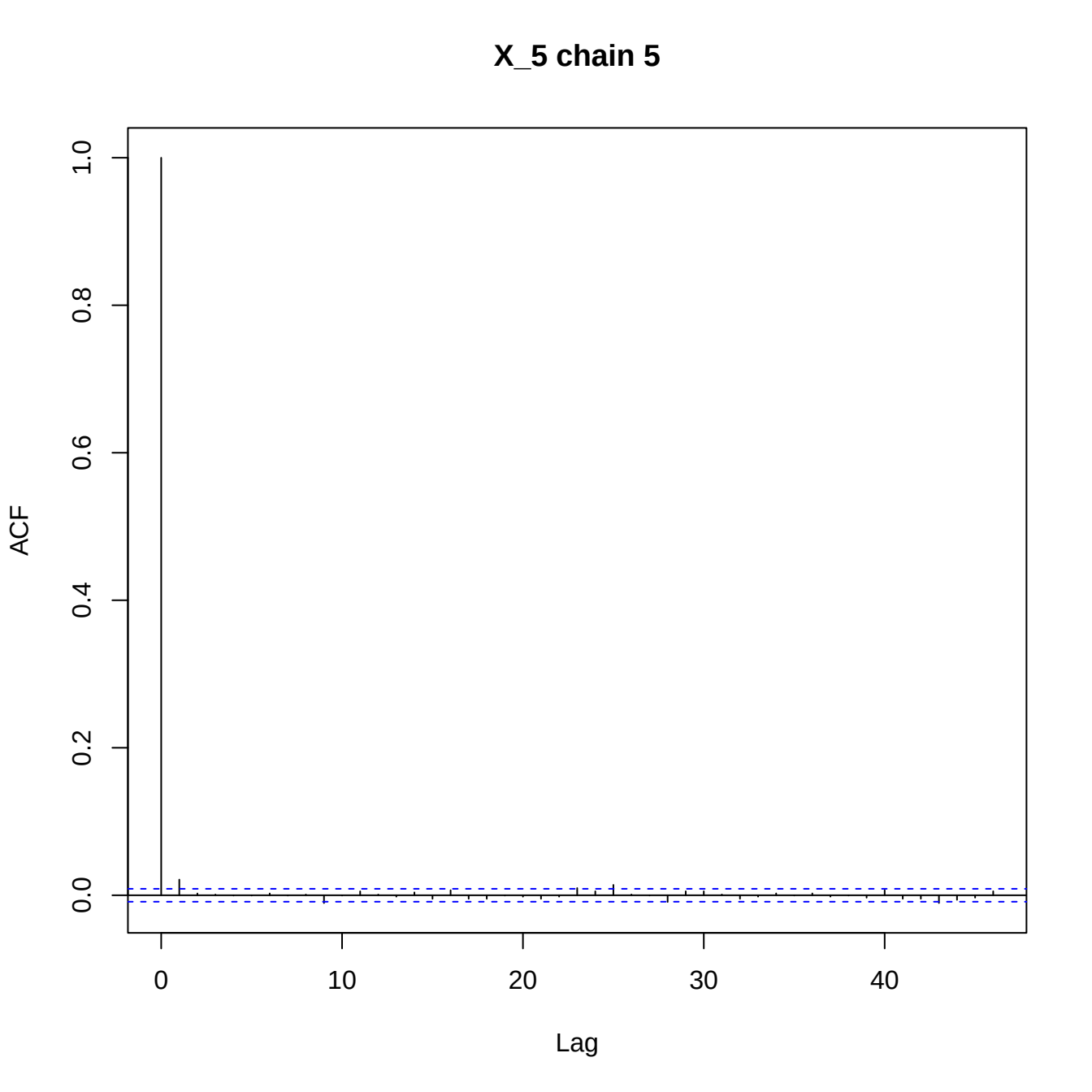

X_4 chain 6
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
10
20
30
40
Lag

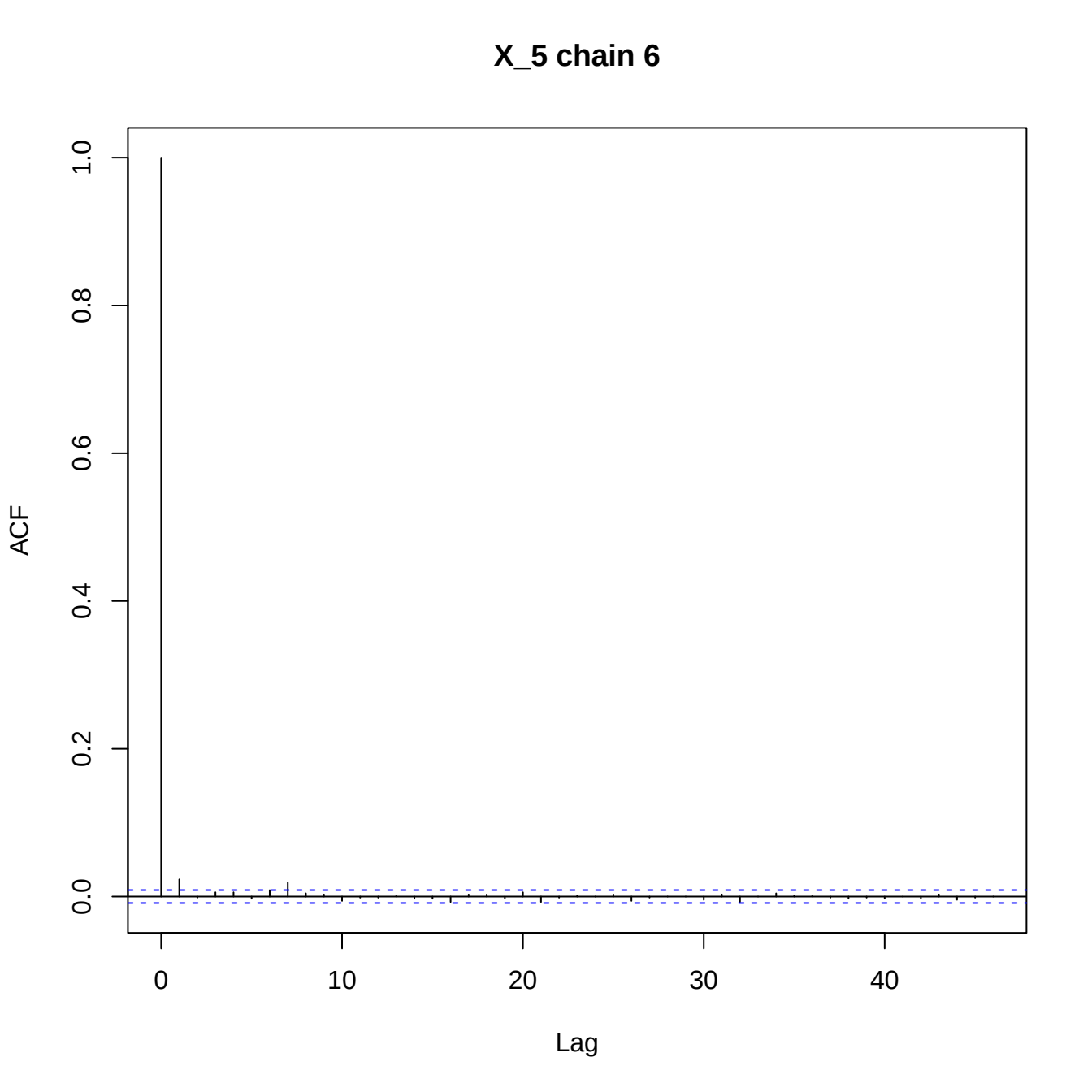

X_5 chain 1
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
10
20
30
40
Lag

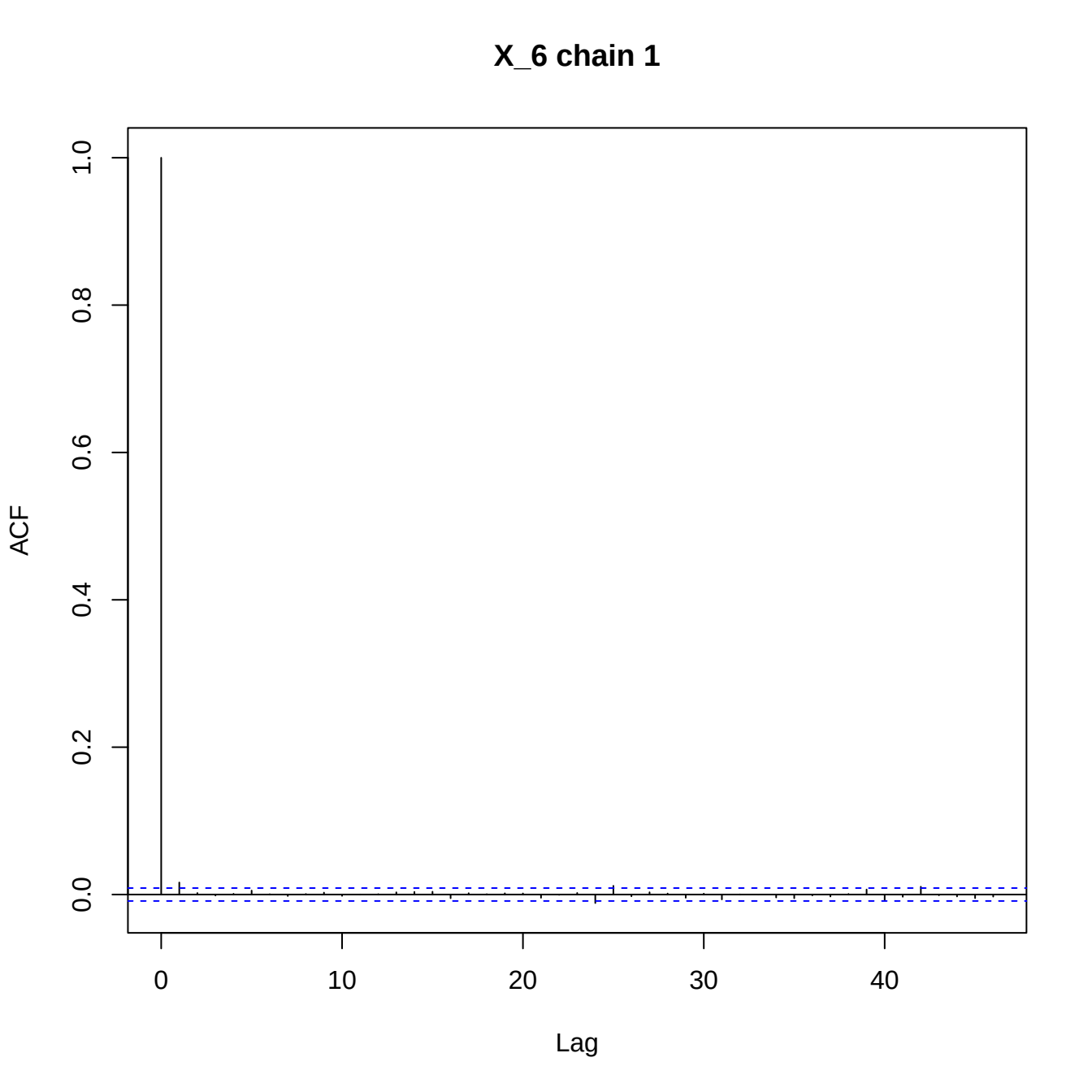

X_5 chain 2
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
10
20
30
40
Lag


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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0.6
0.4
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20
30
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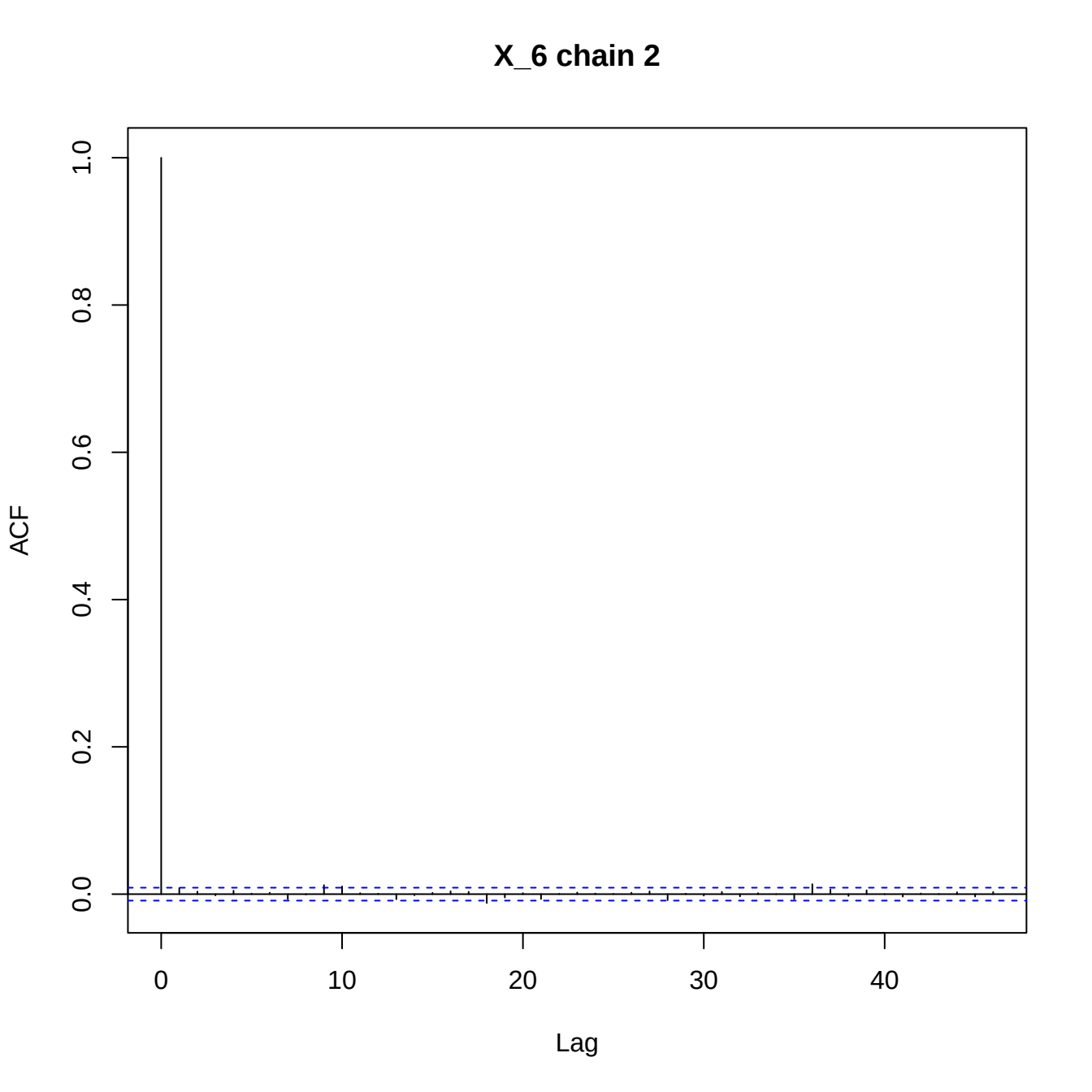
Lag


X_6 chain 2
ACF
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0.4
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0.0
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20
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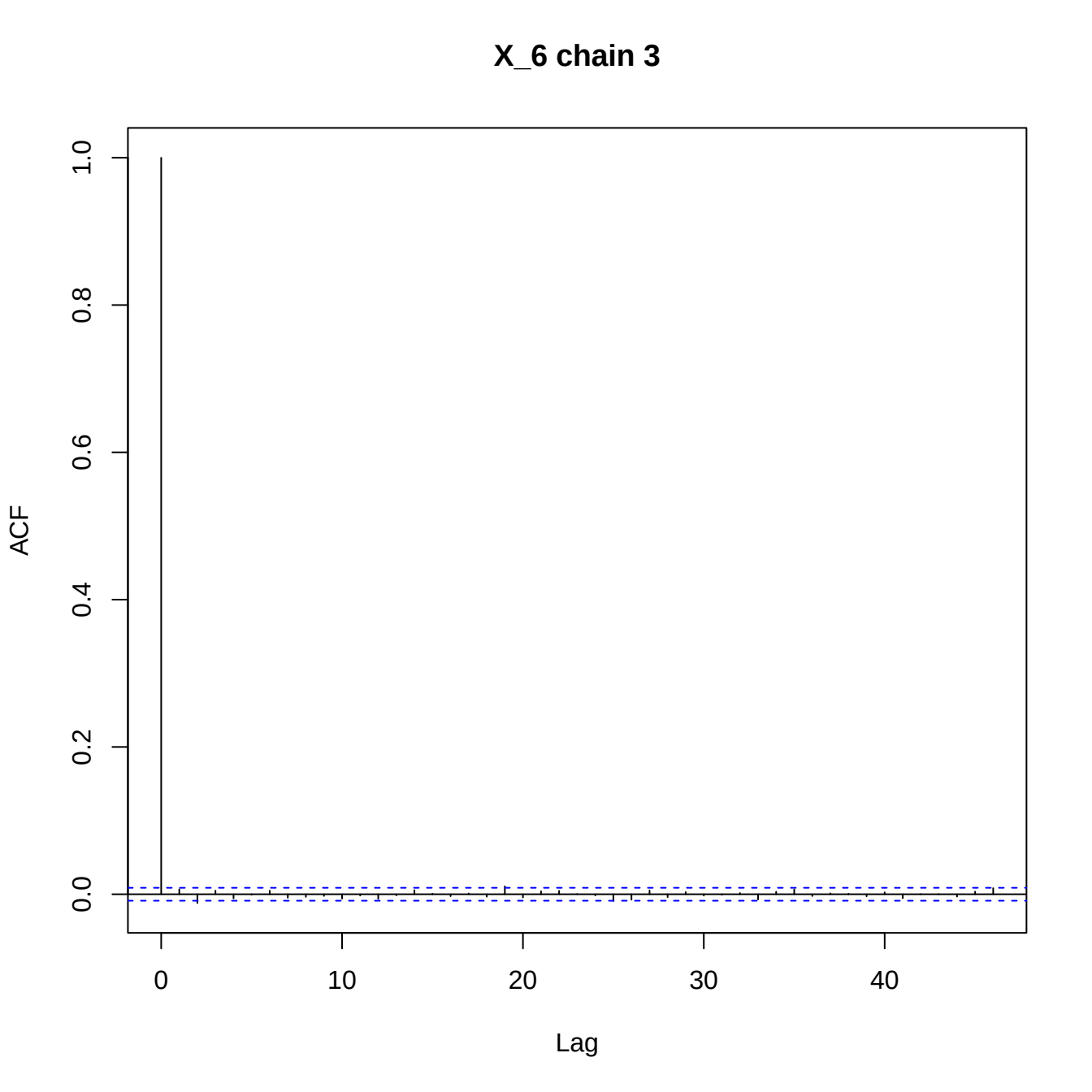
Lag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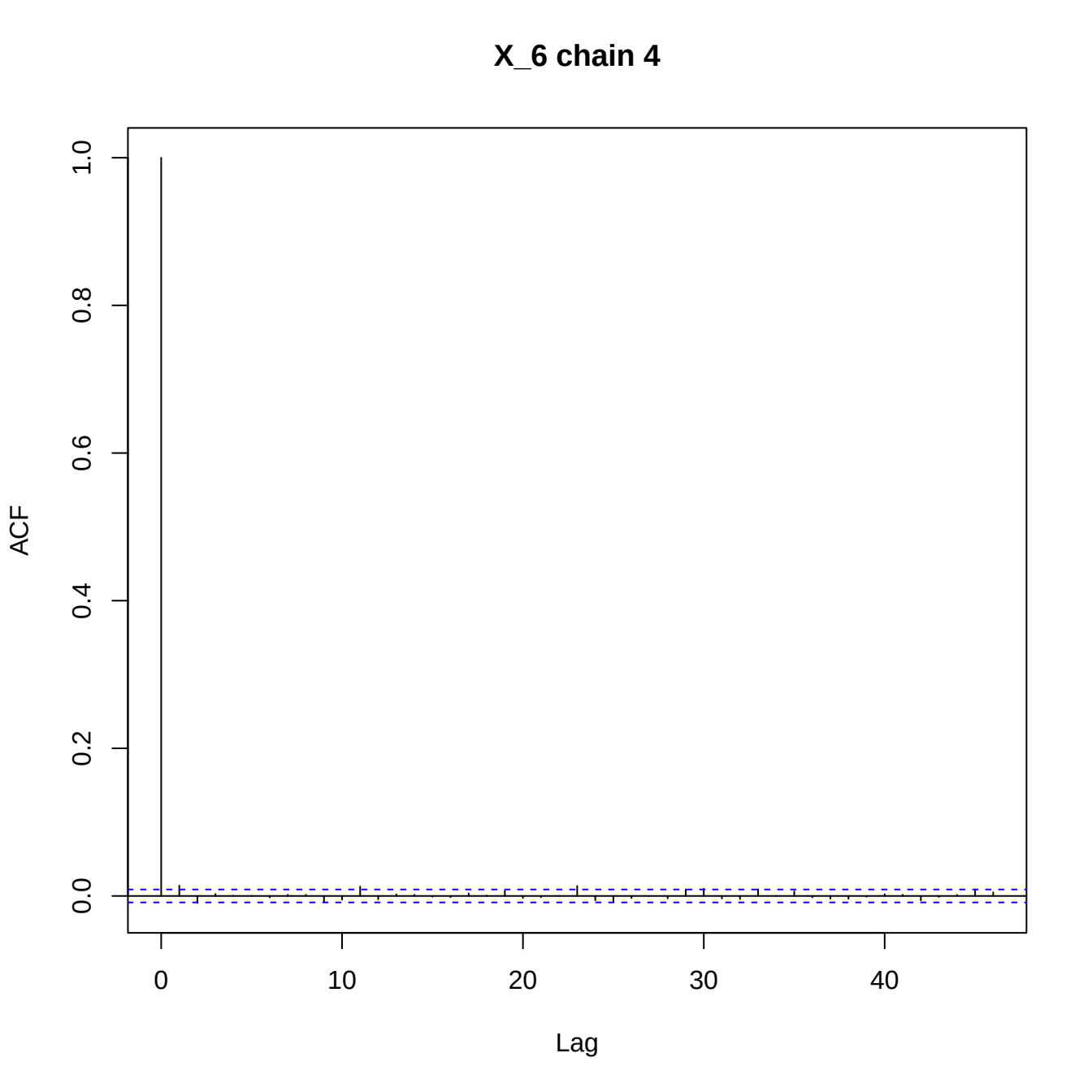
Lag


X_6 chain 4
ACF
1.0
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0.4
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20
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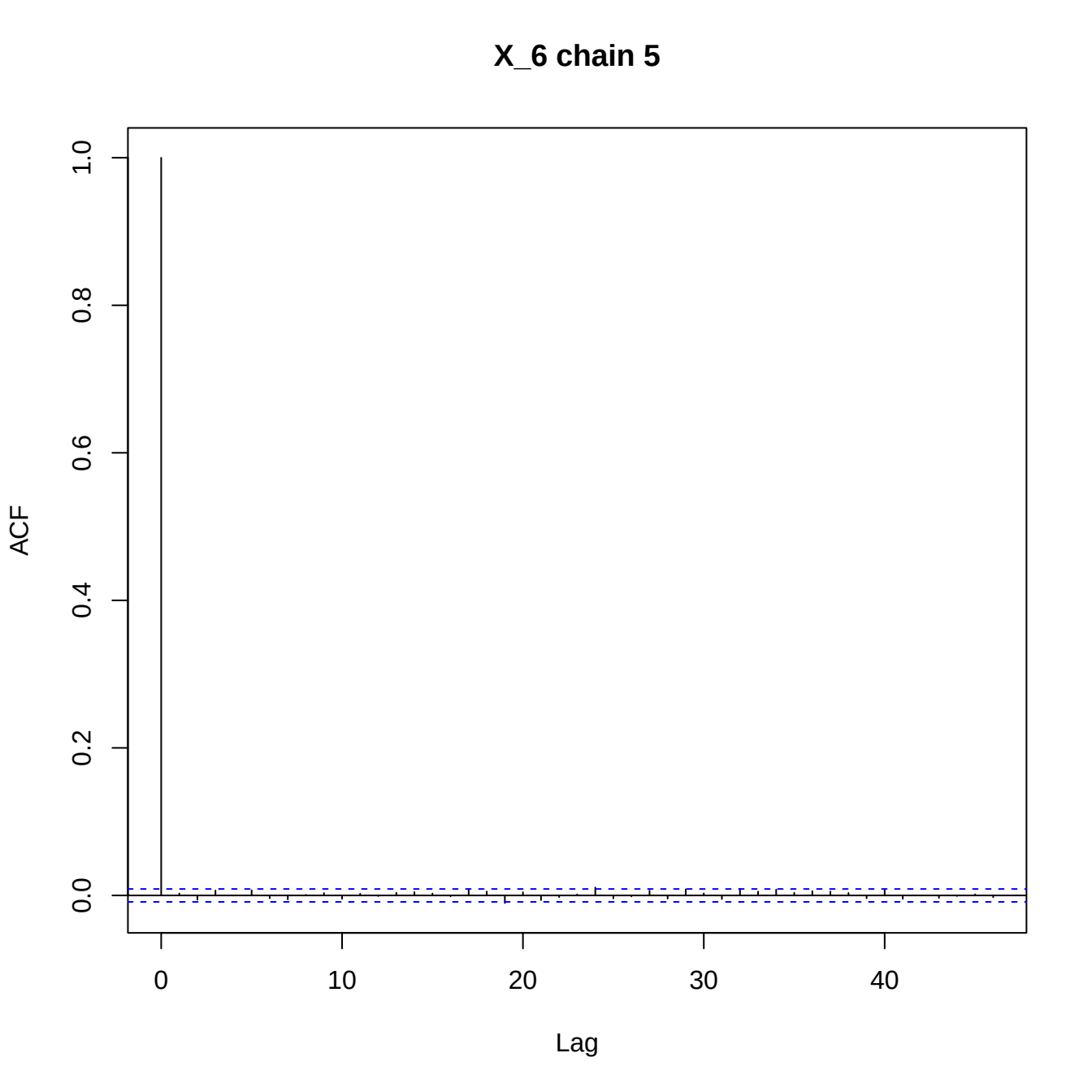
Lag


X_6 chain 5
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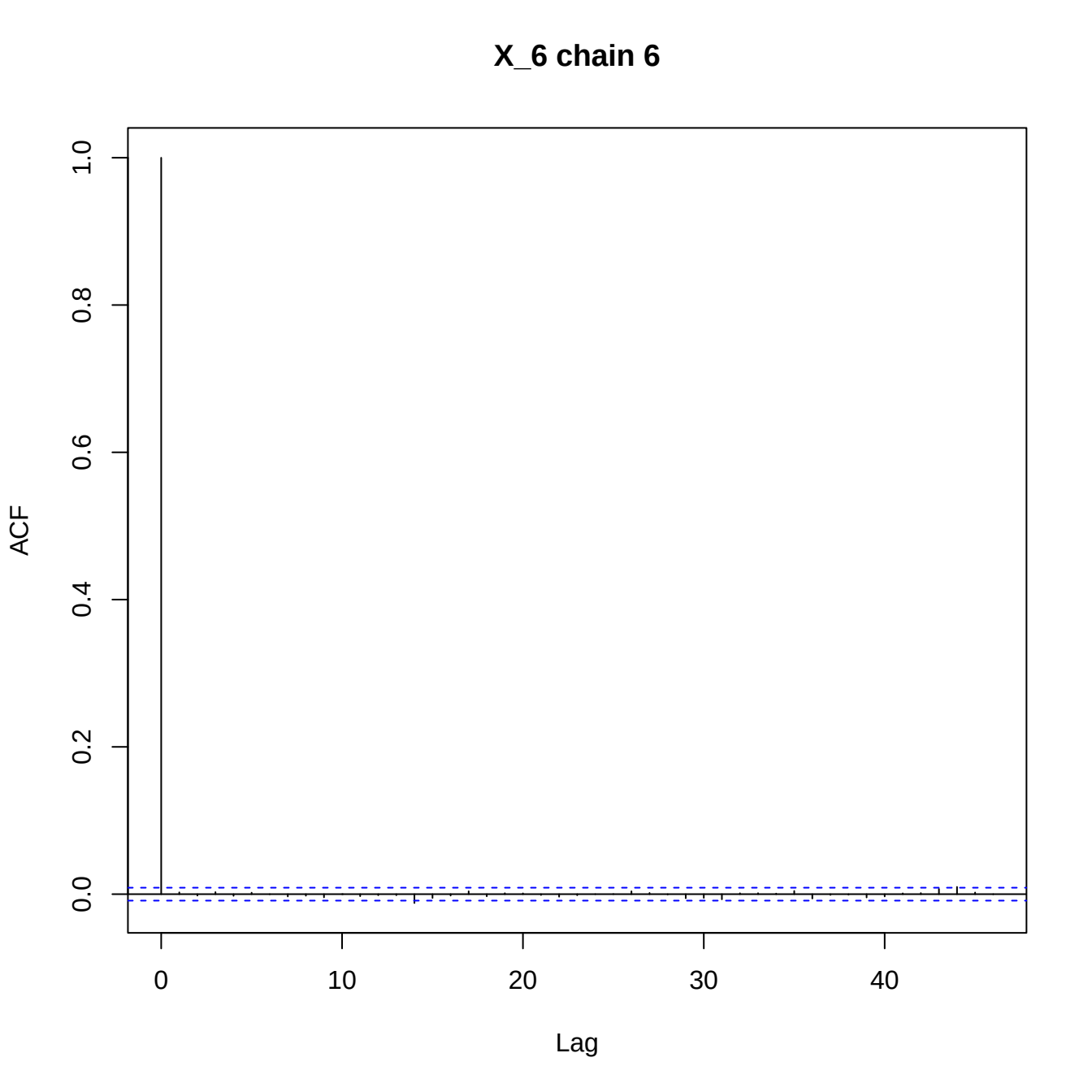
Lag


X_6 chain 6
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0.4
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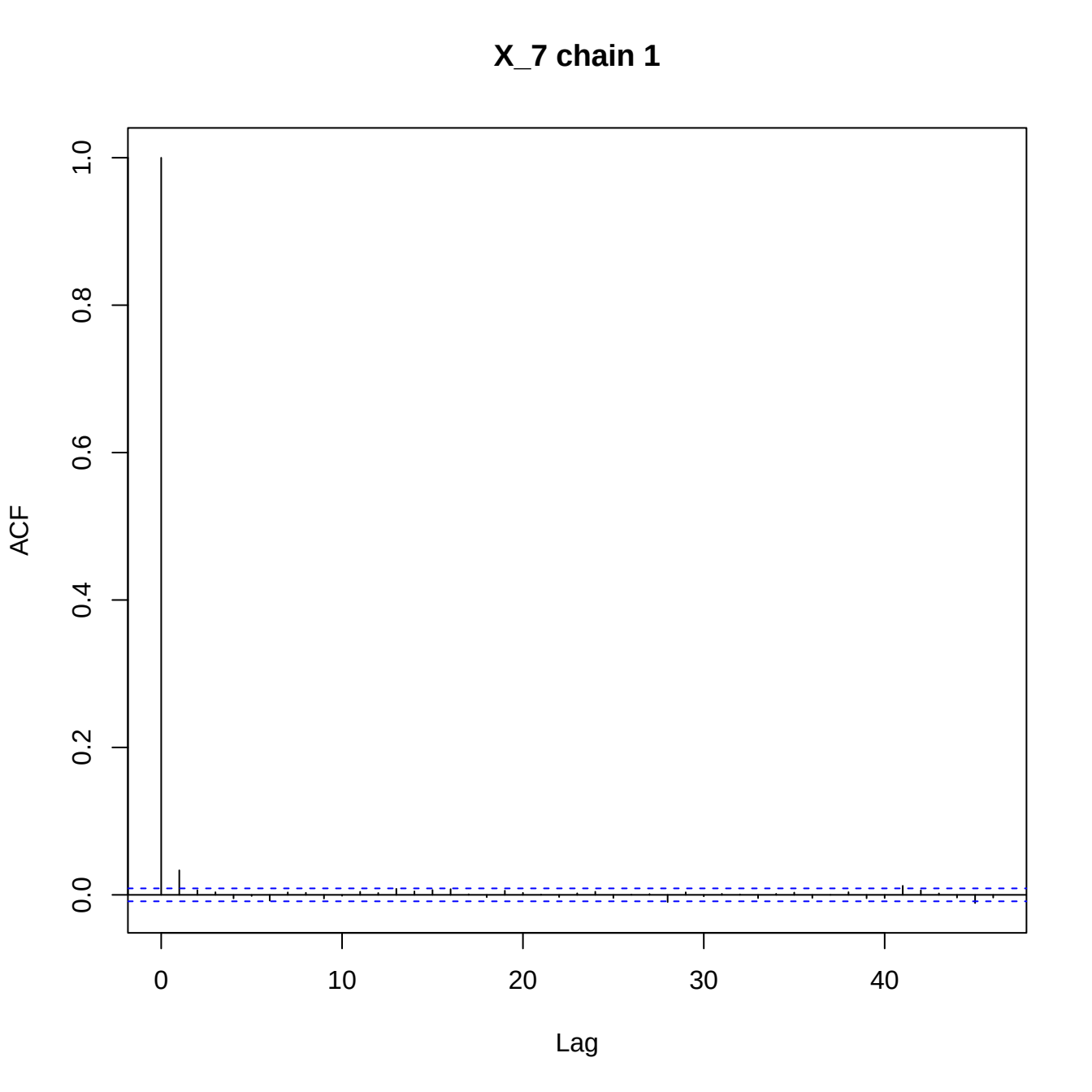
Lag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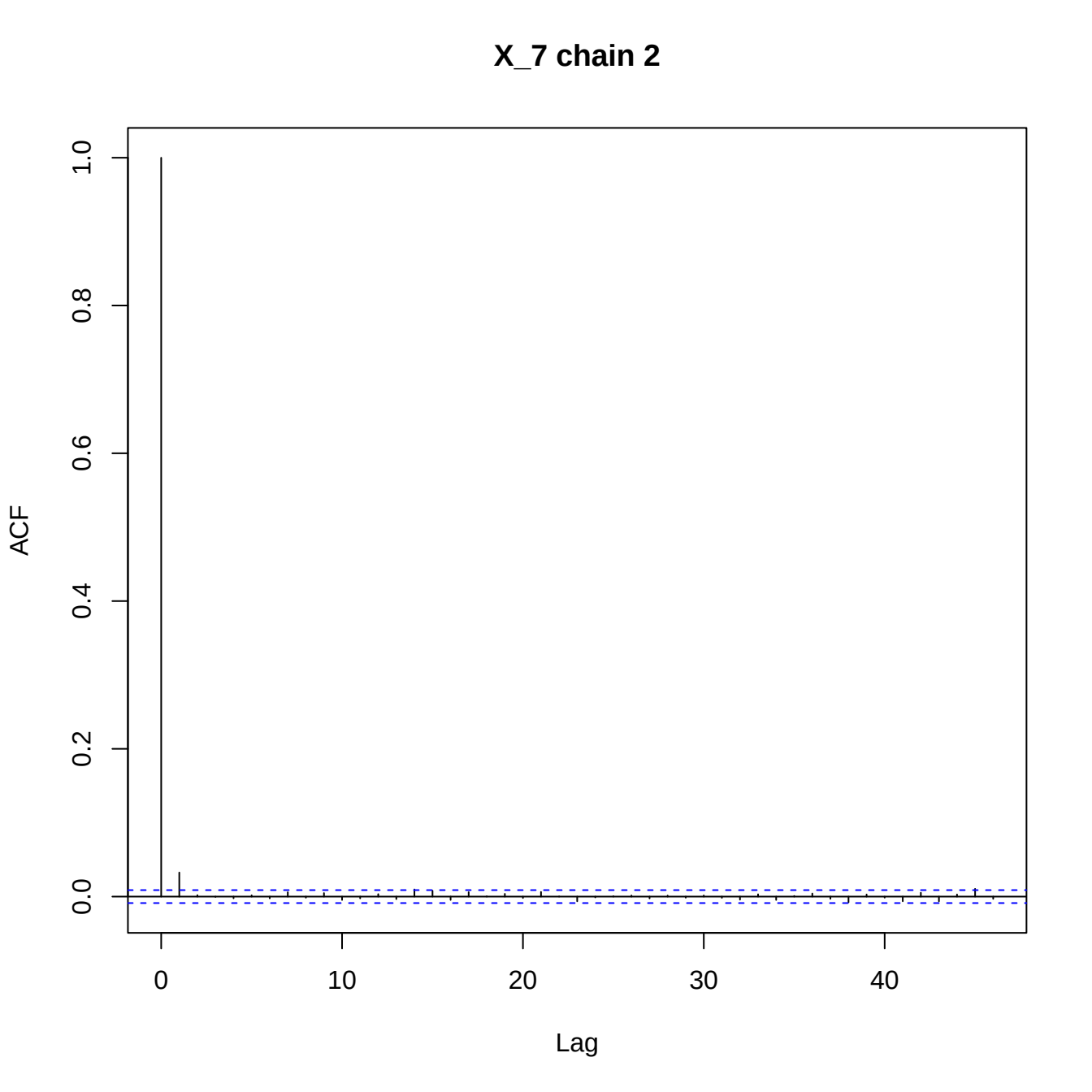
Lag


X_7 chain 2
ACF
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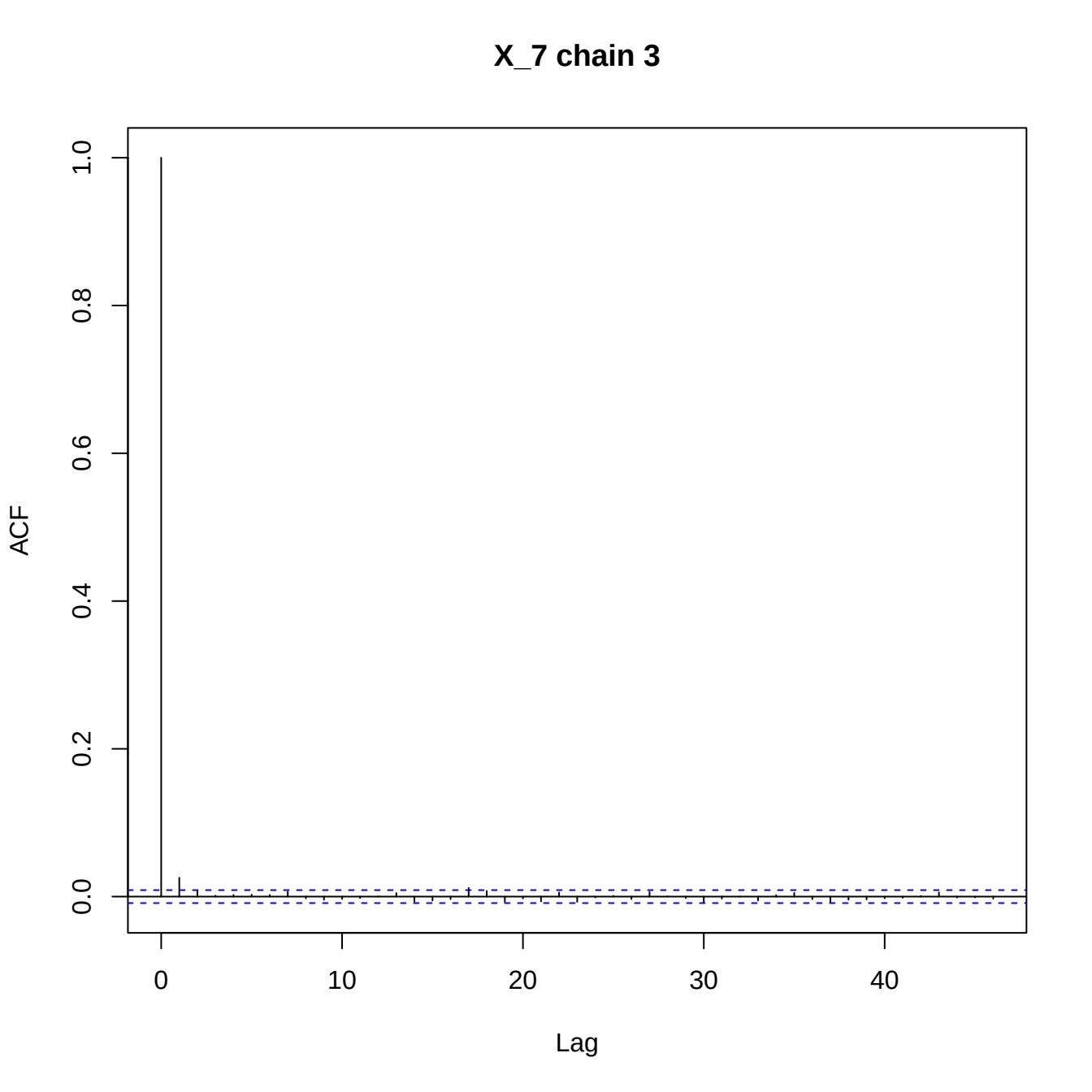
Lag


X_7 chain 3
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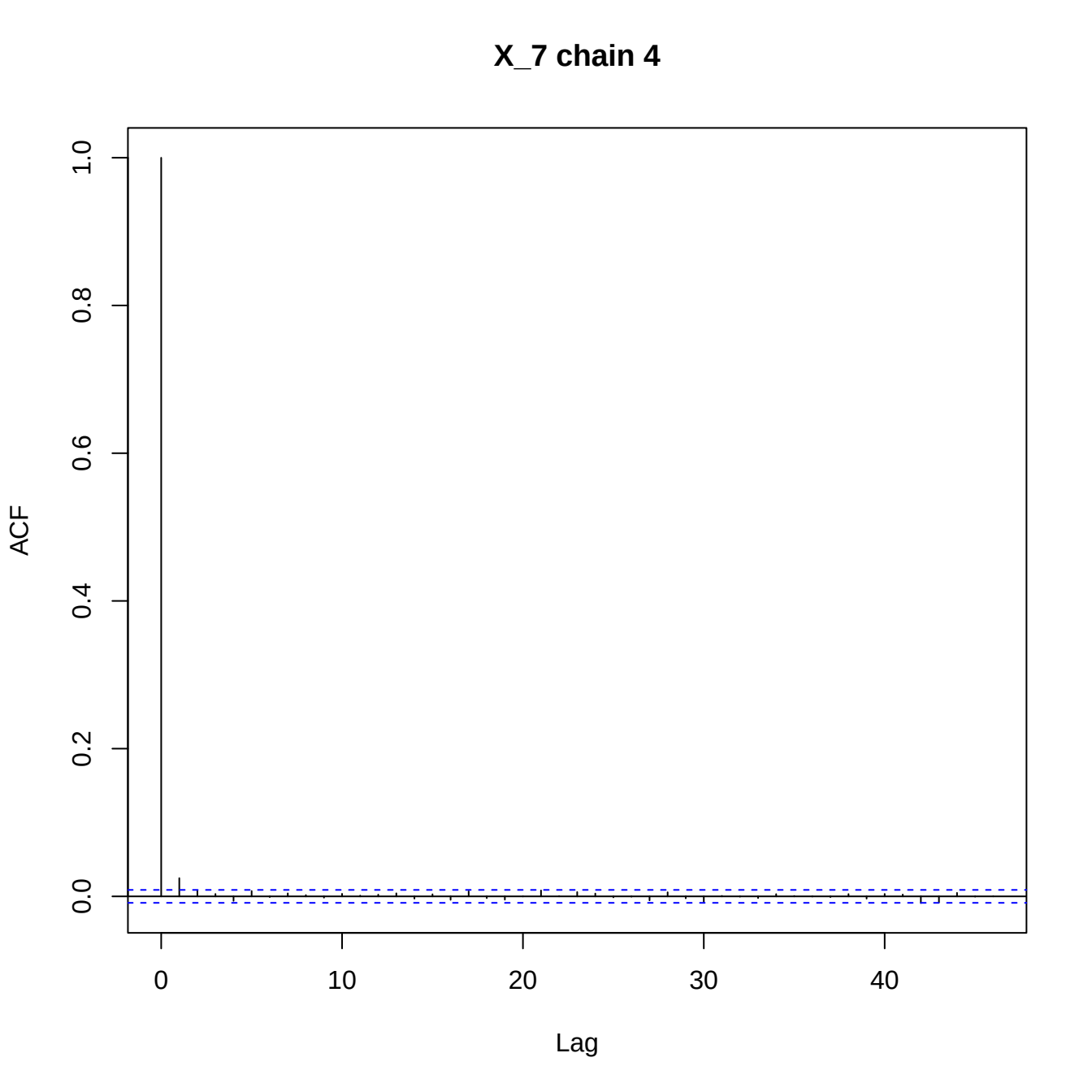
Lag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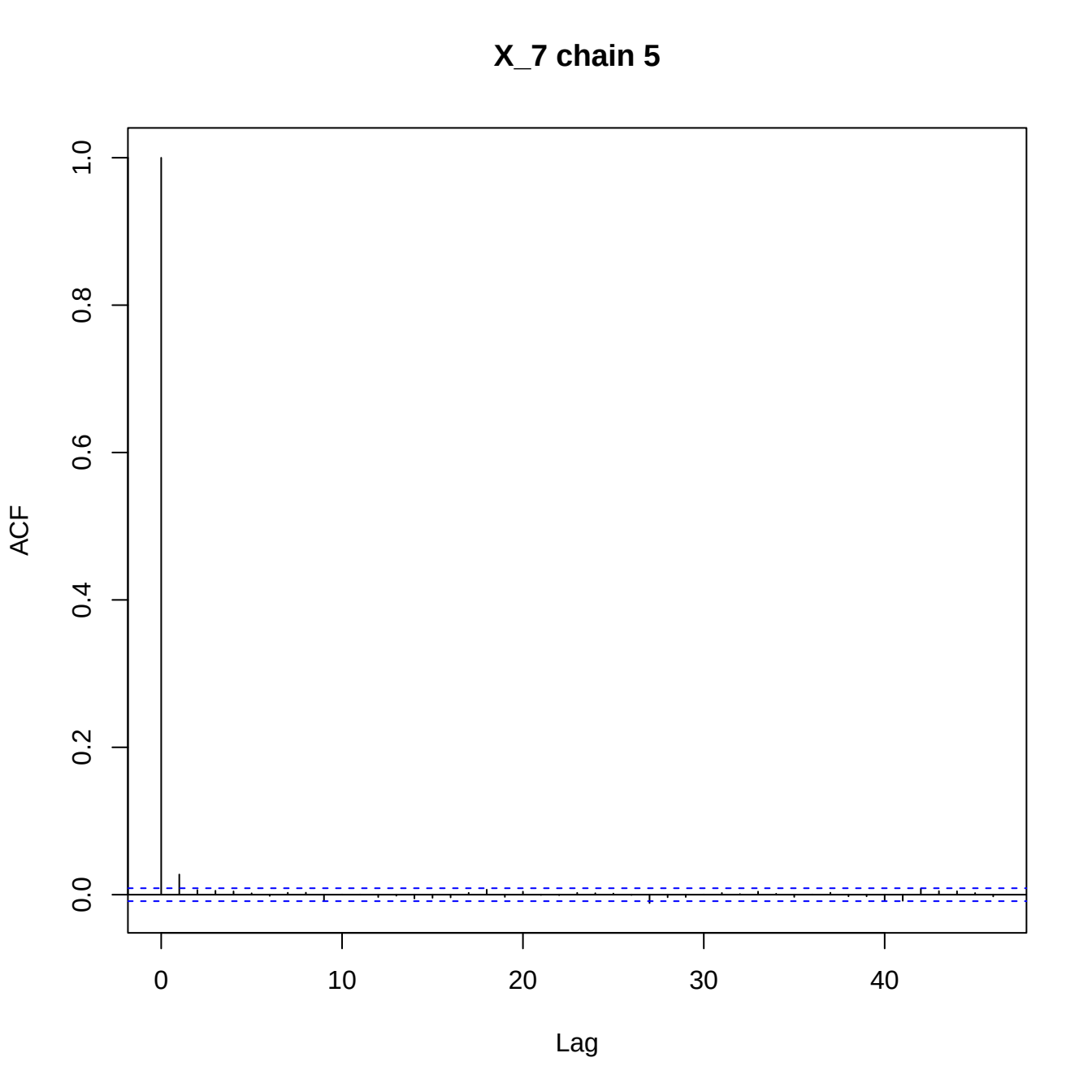
Lag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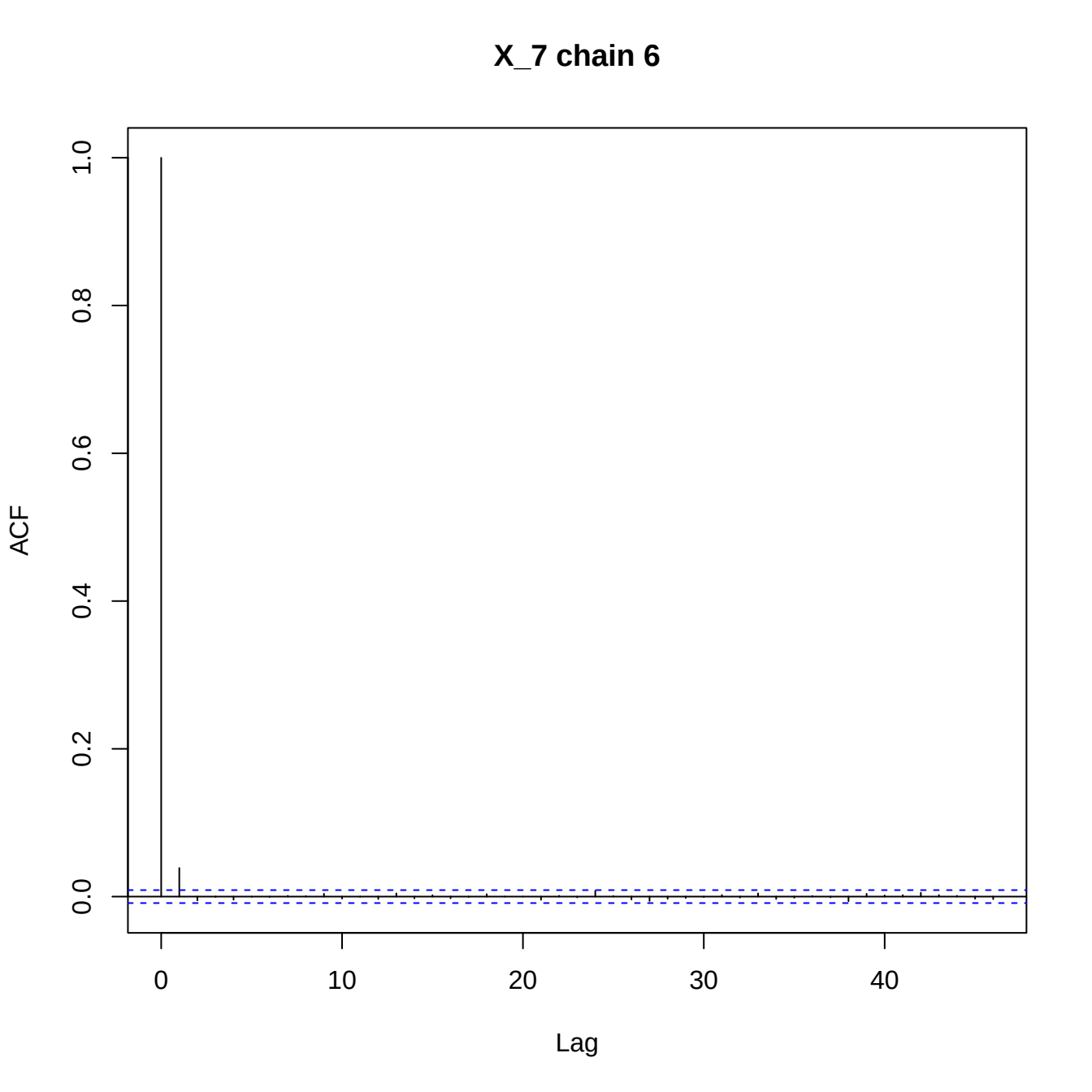
Lag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20
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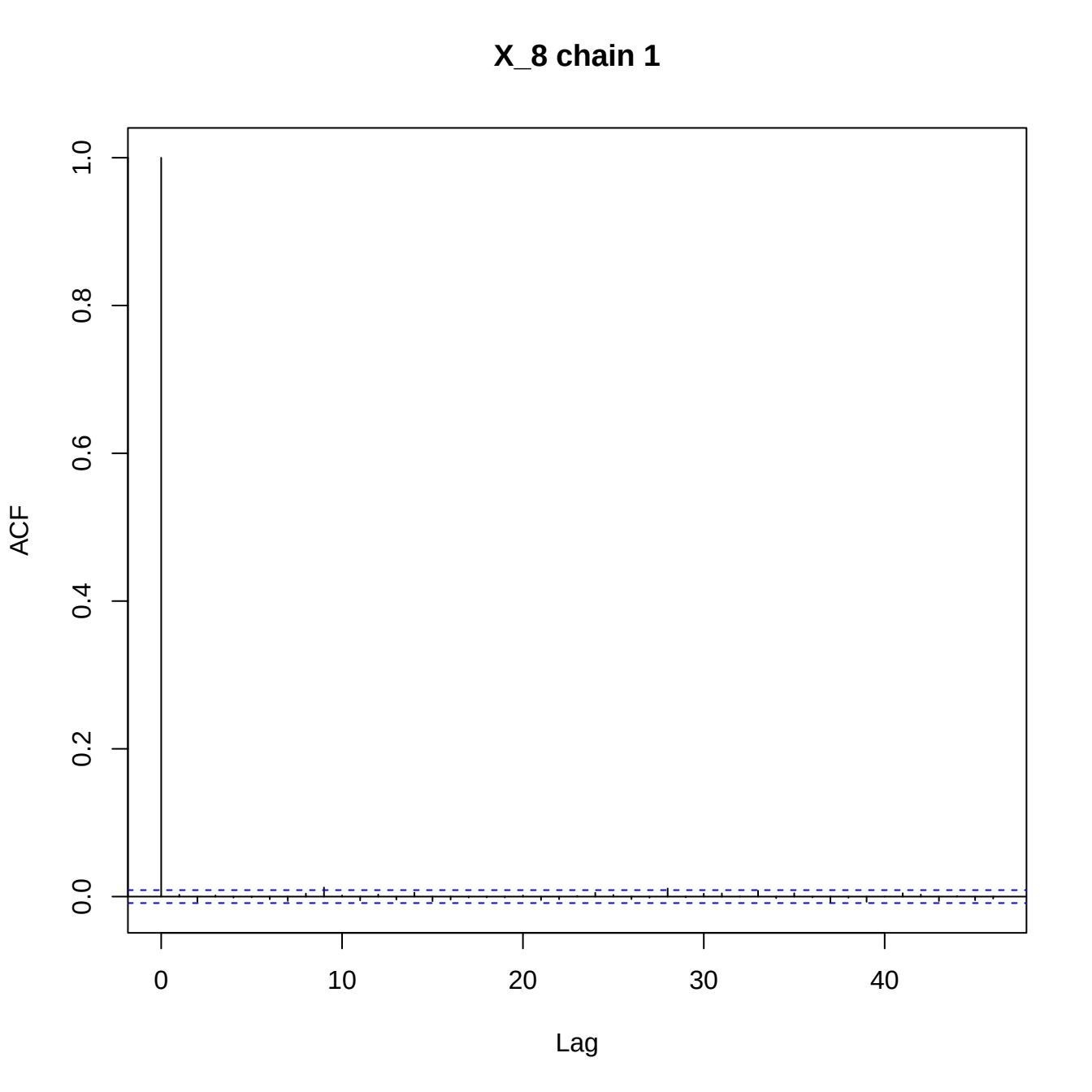
Lag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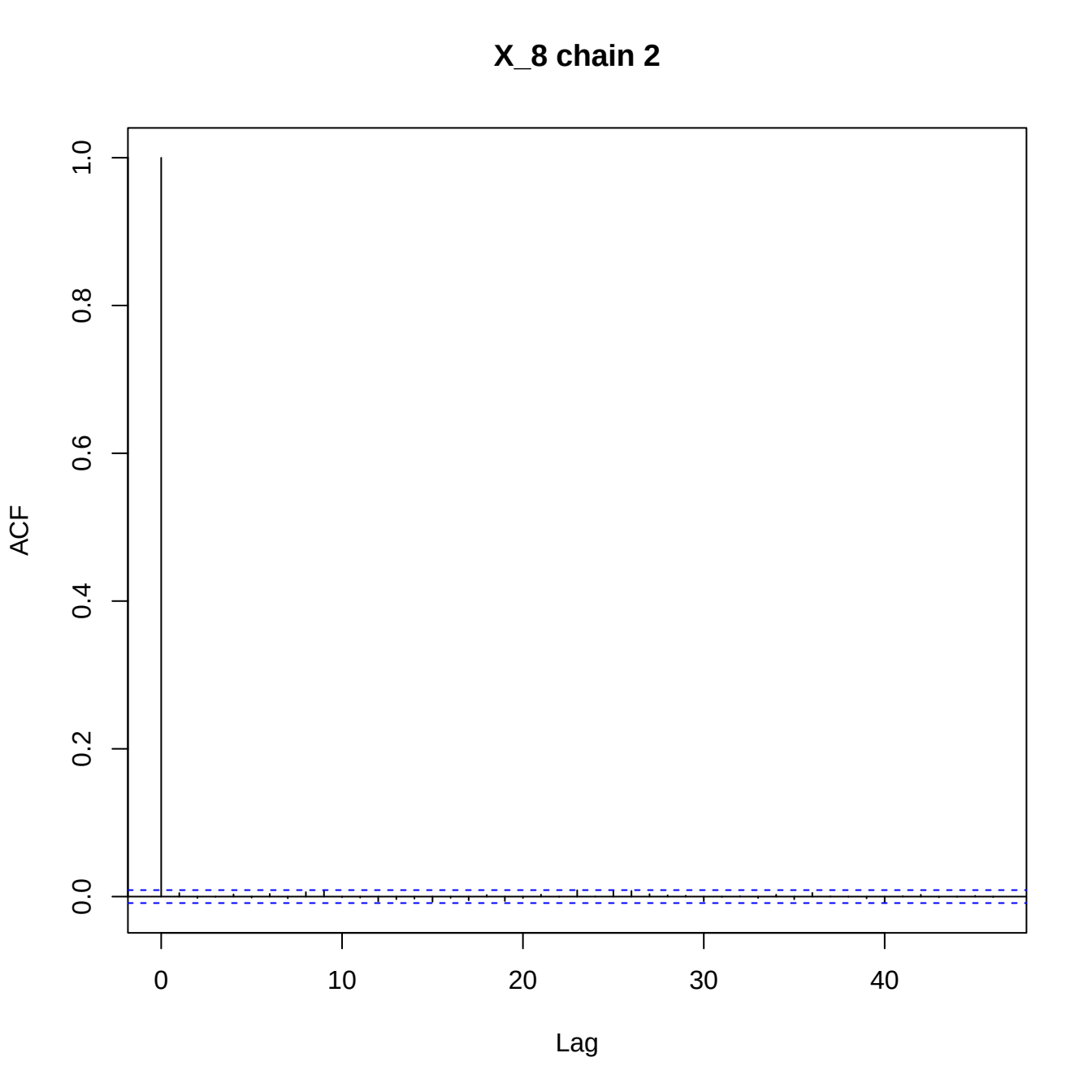
Lag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20
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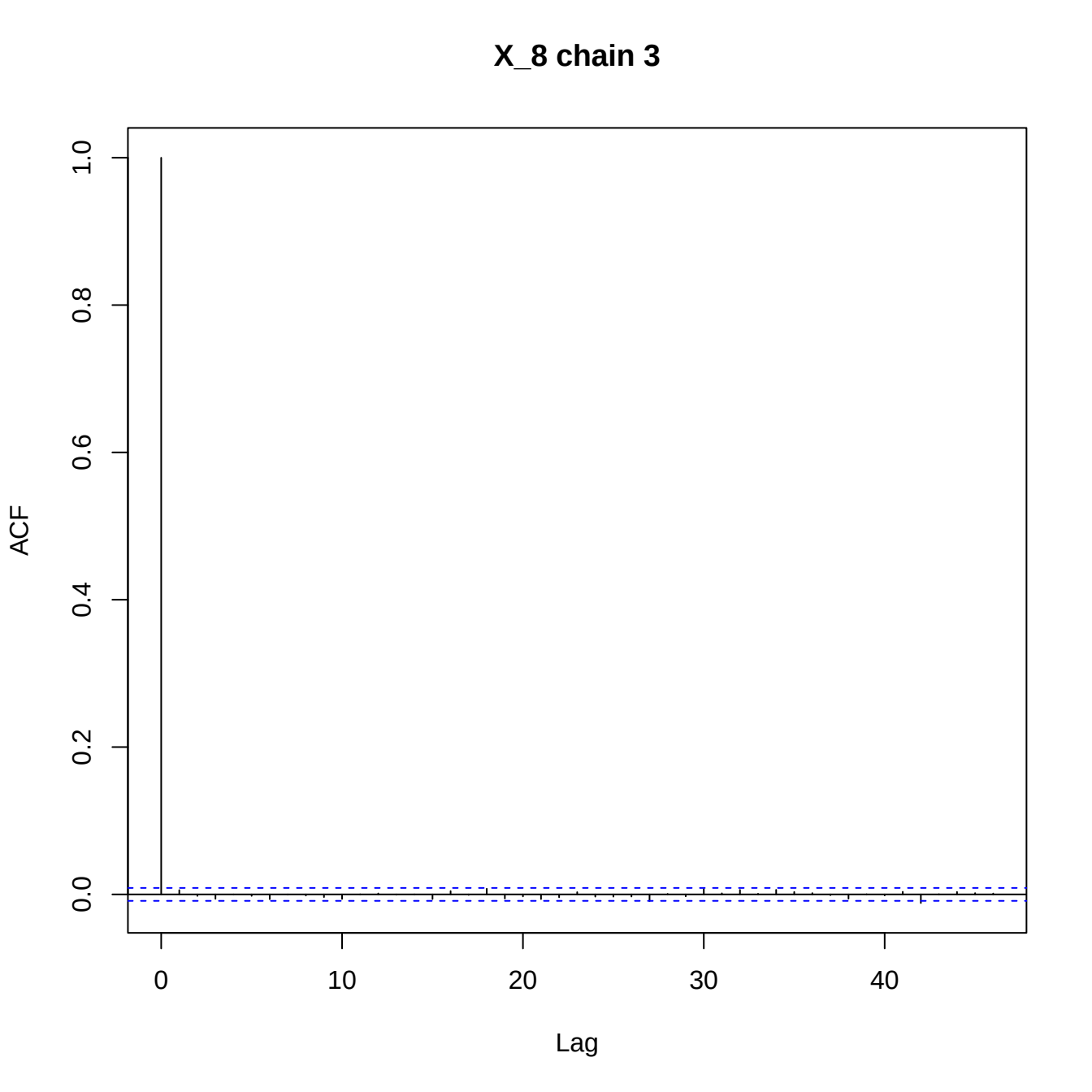
Lag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20
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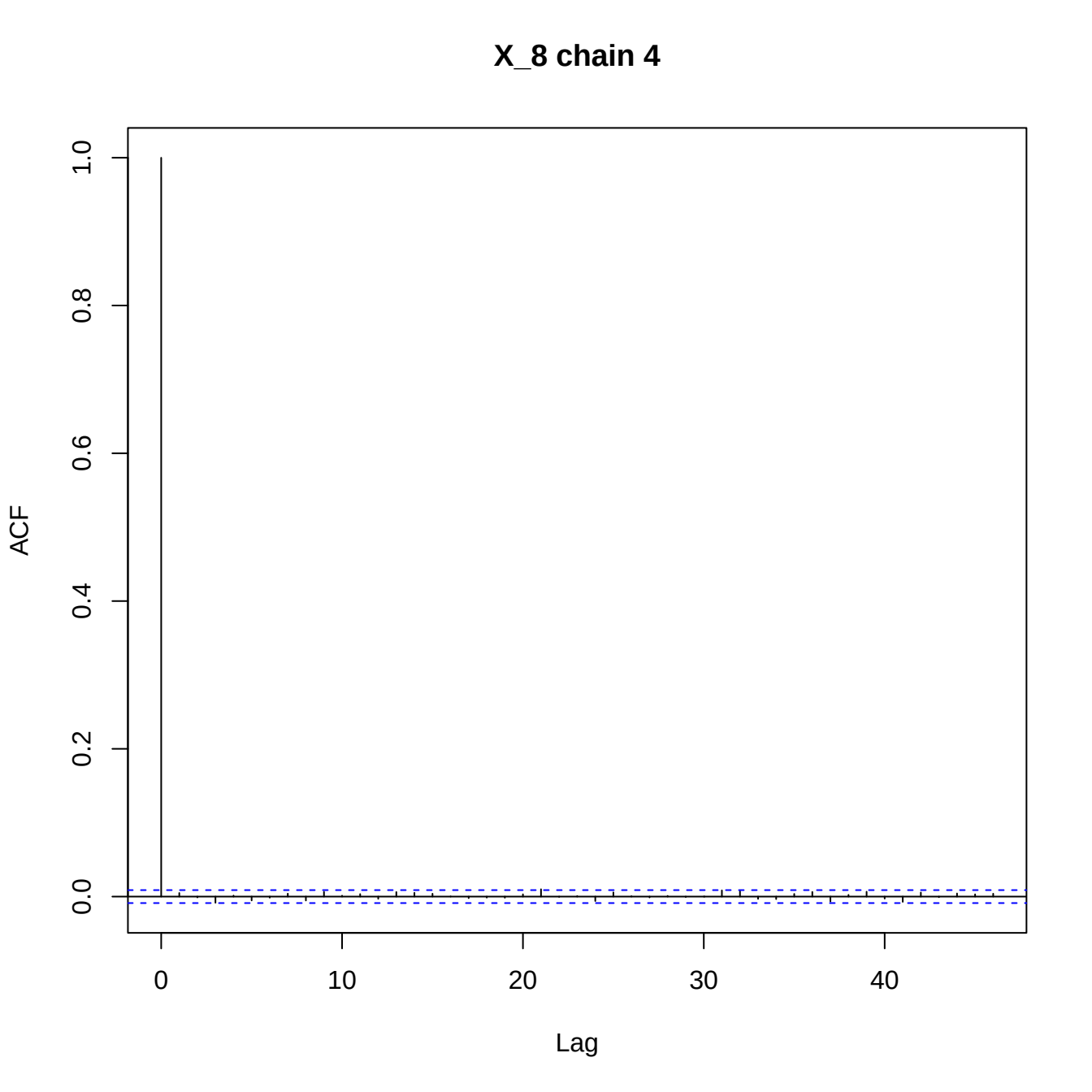
Lag


X_8 chain 4
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0.0
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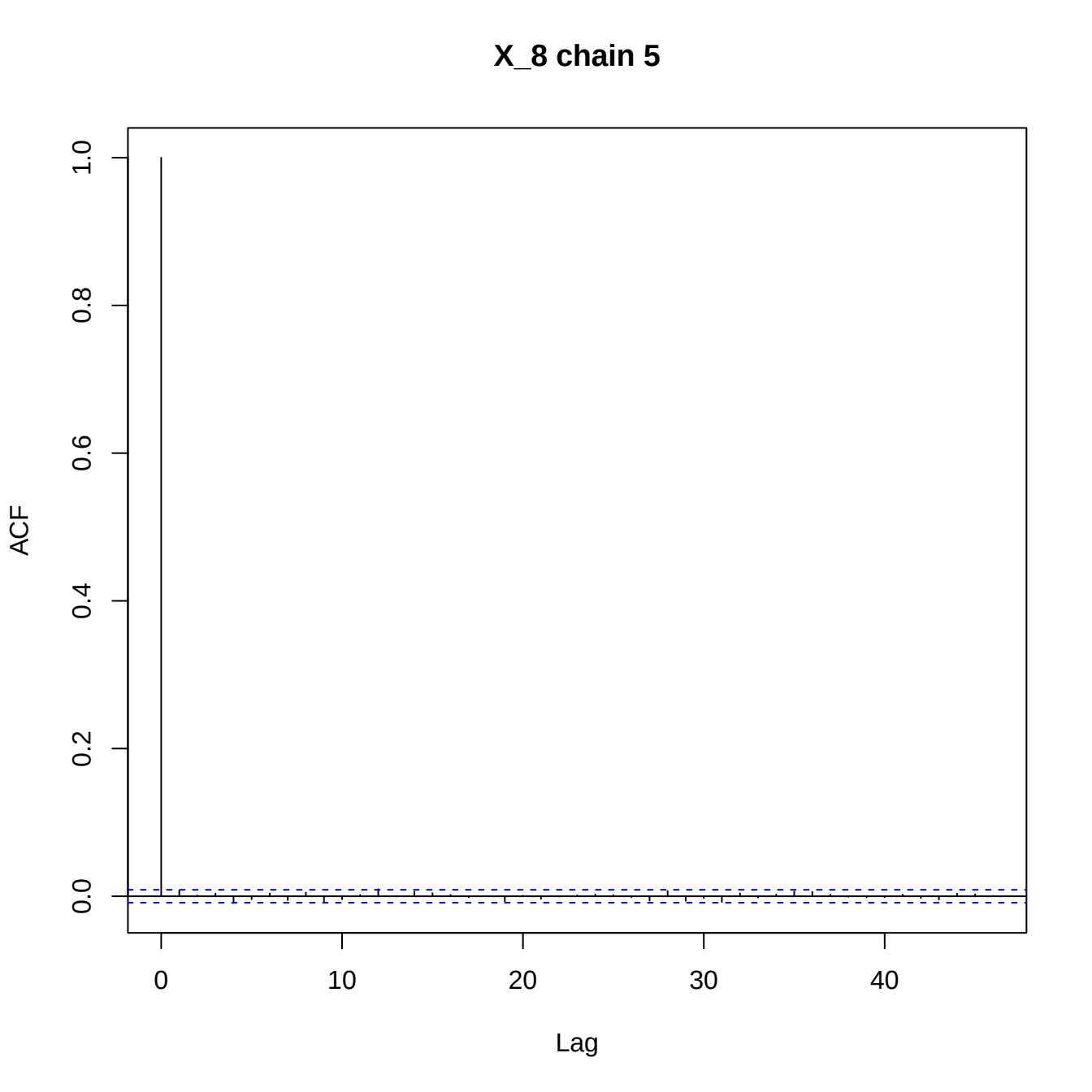
Lag


X_8 chain 5
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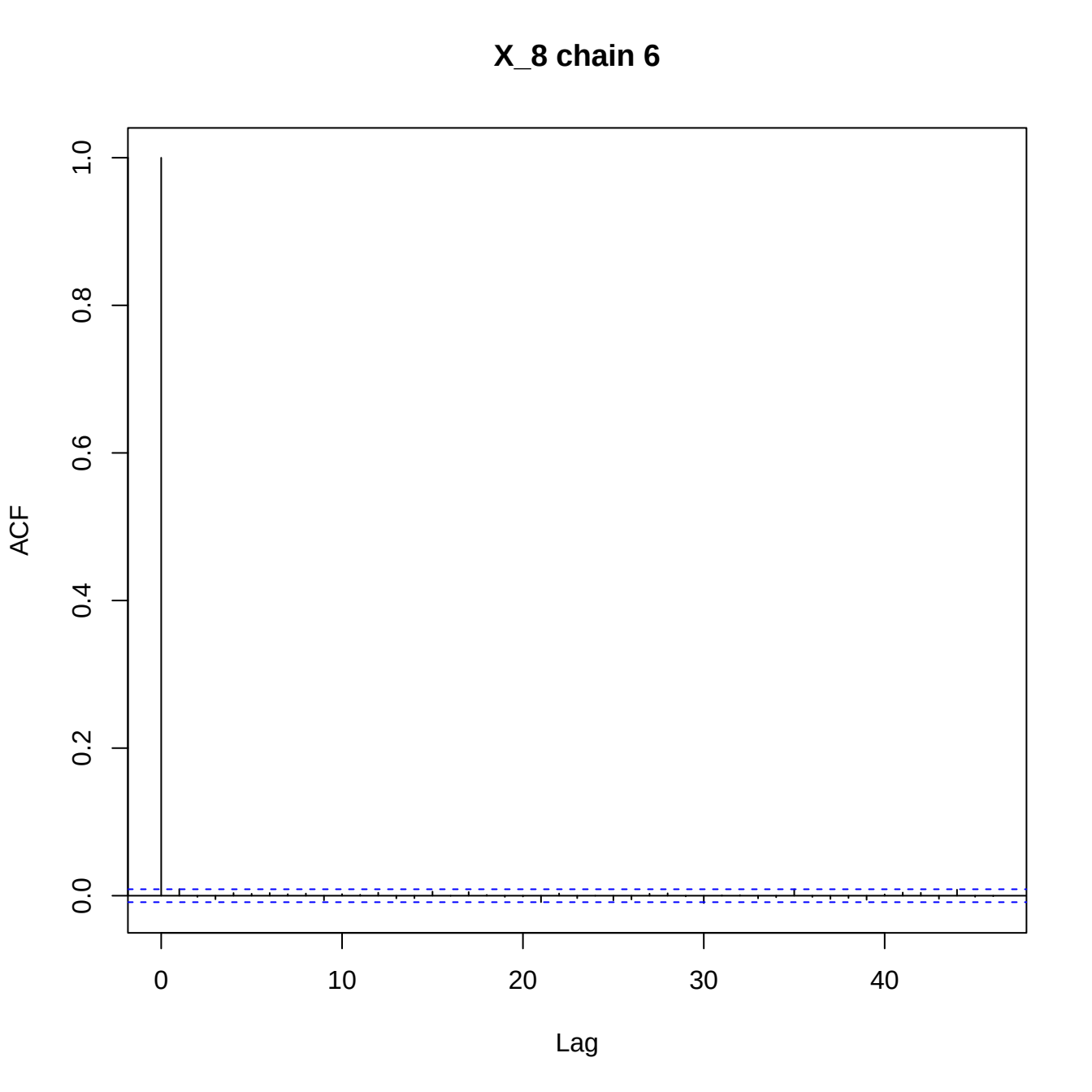
Lag


X_8 chain 6
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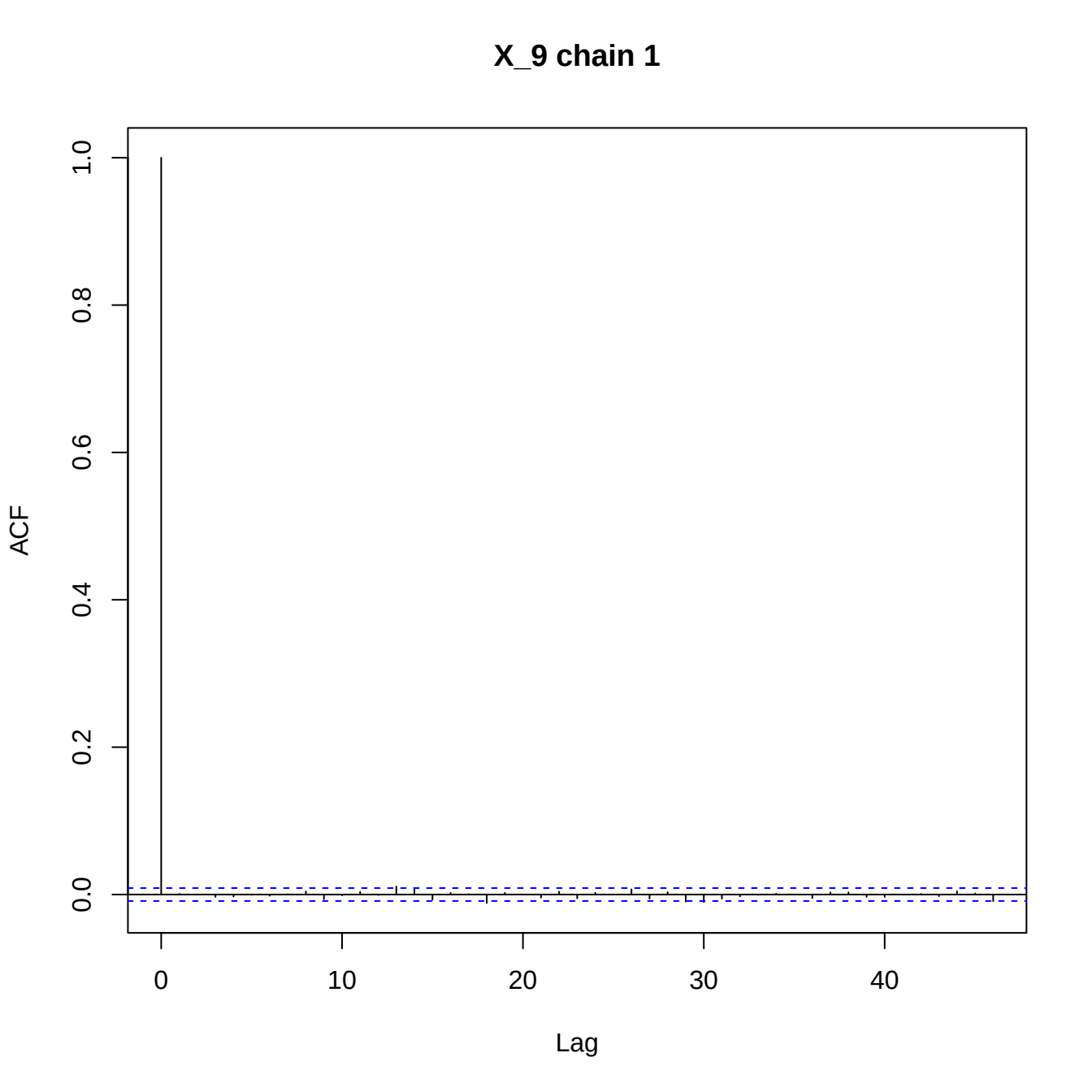
Lag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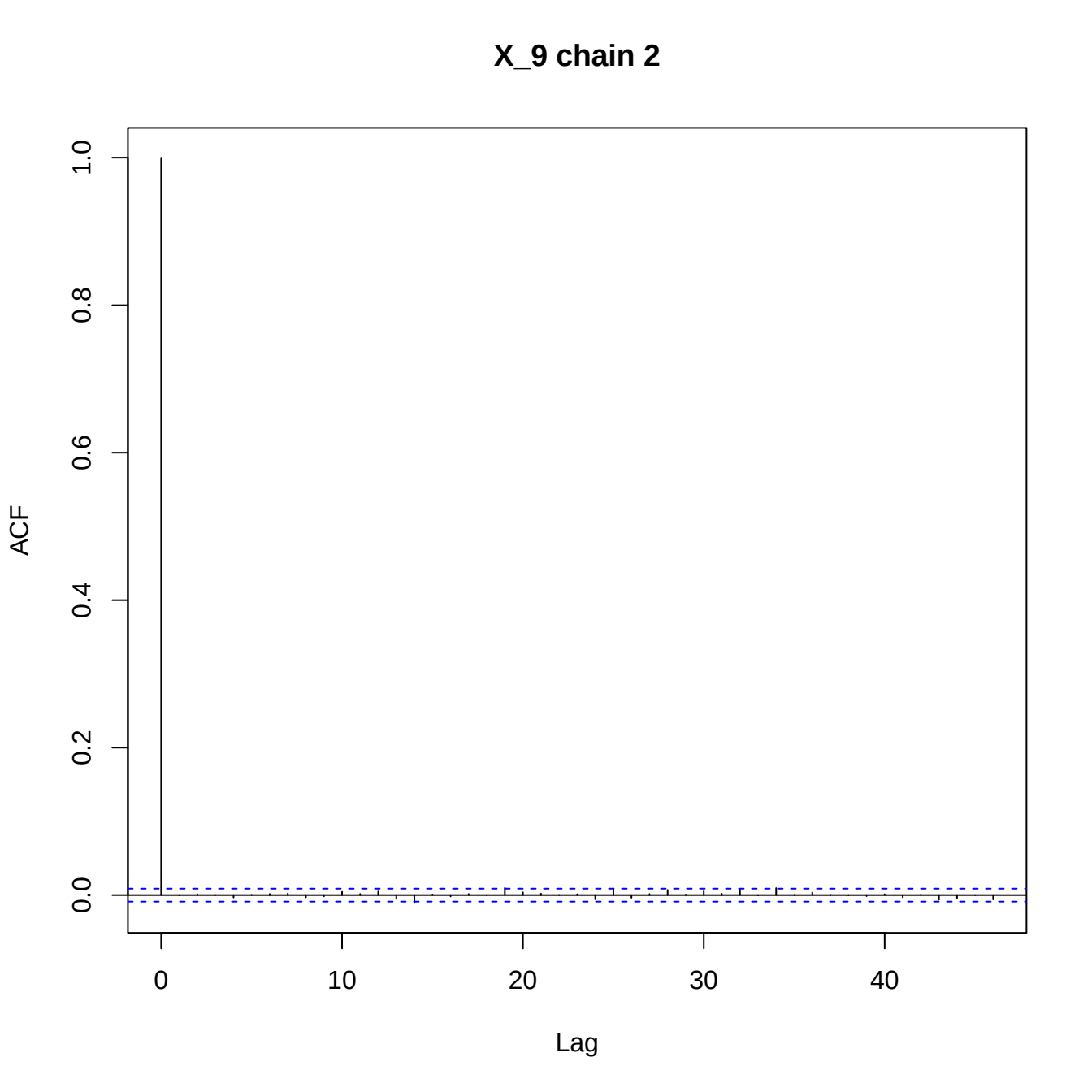
Lag


X_9 chain 2
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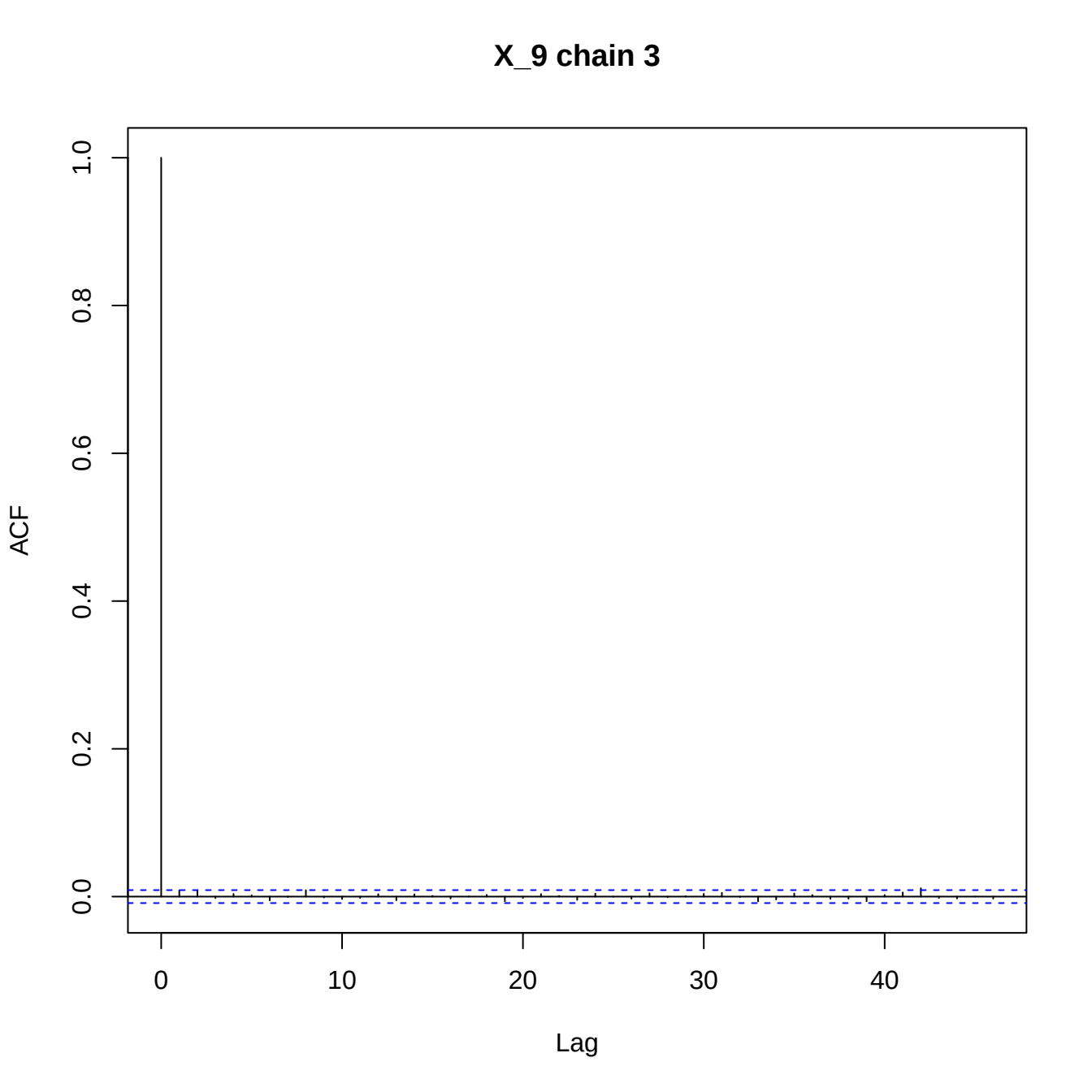
Lag


X_9 chain 3
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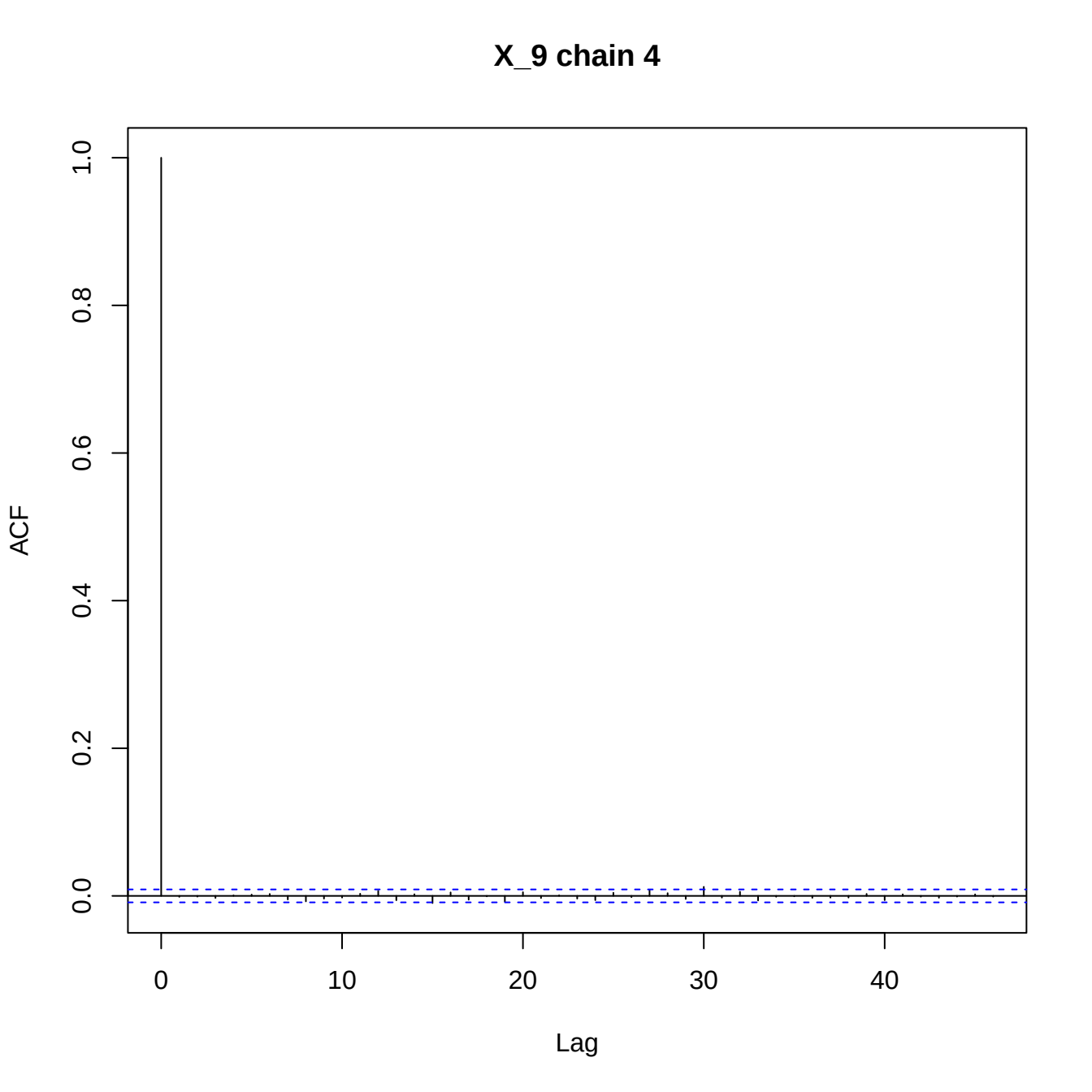
Lag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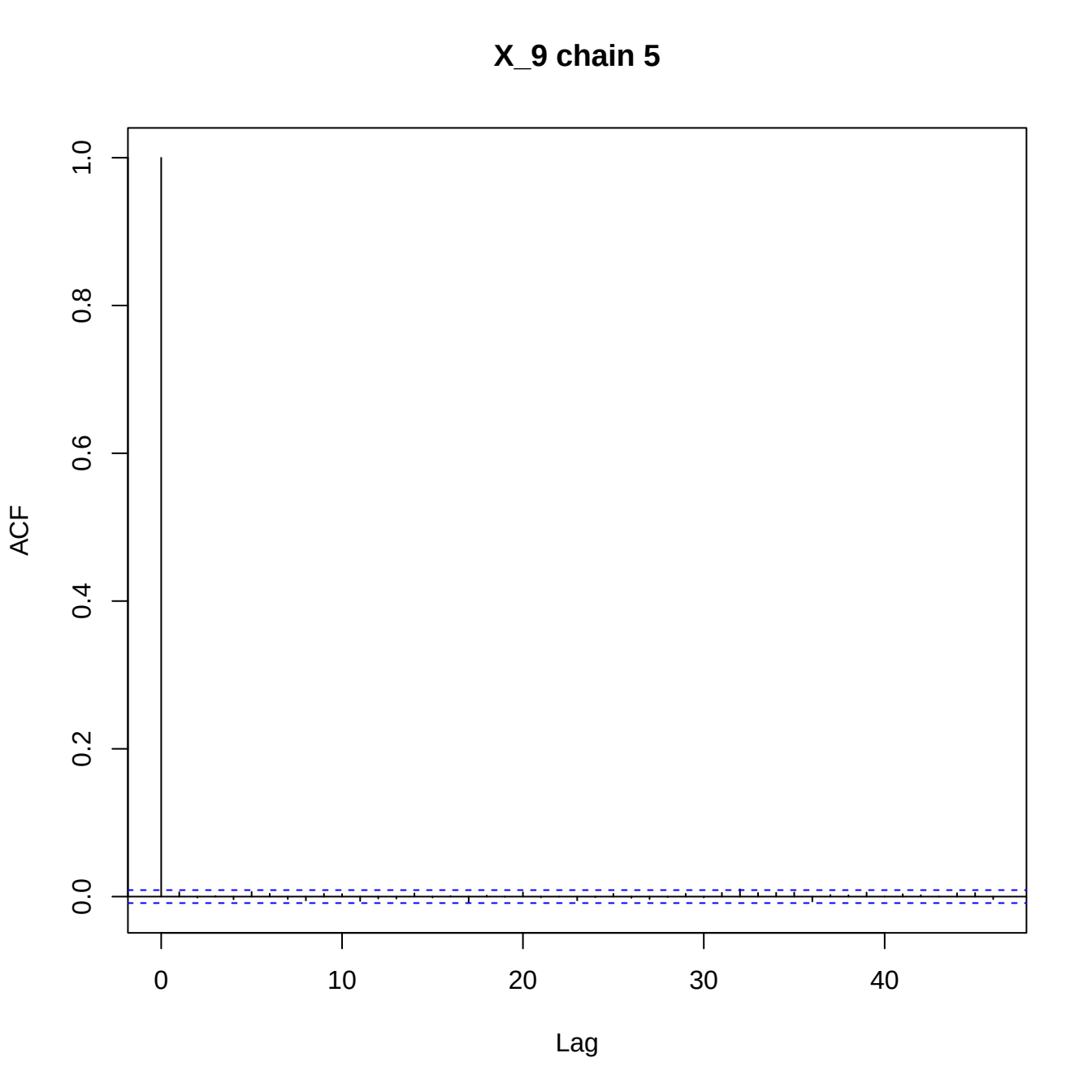
Lag


X_9 chain 5
ACF
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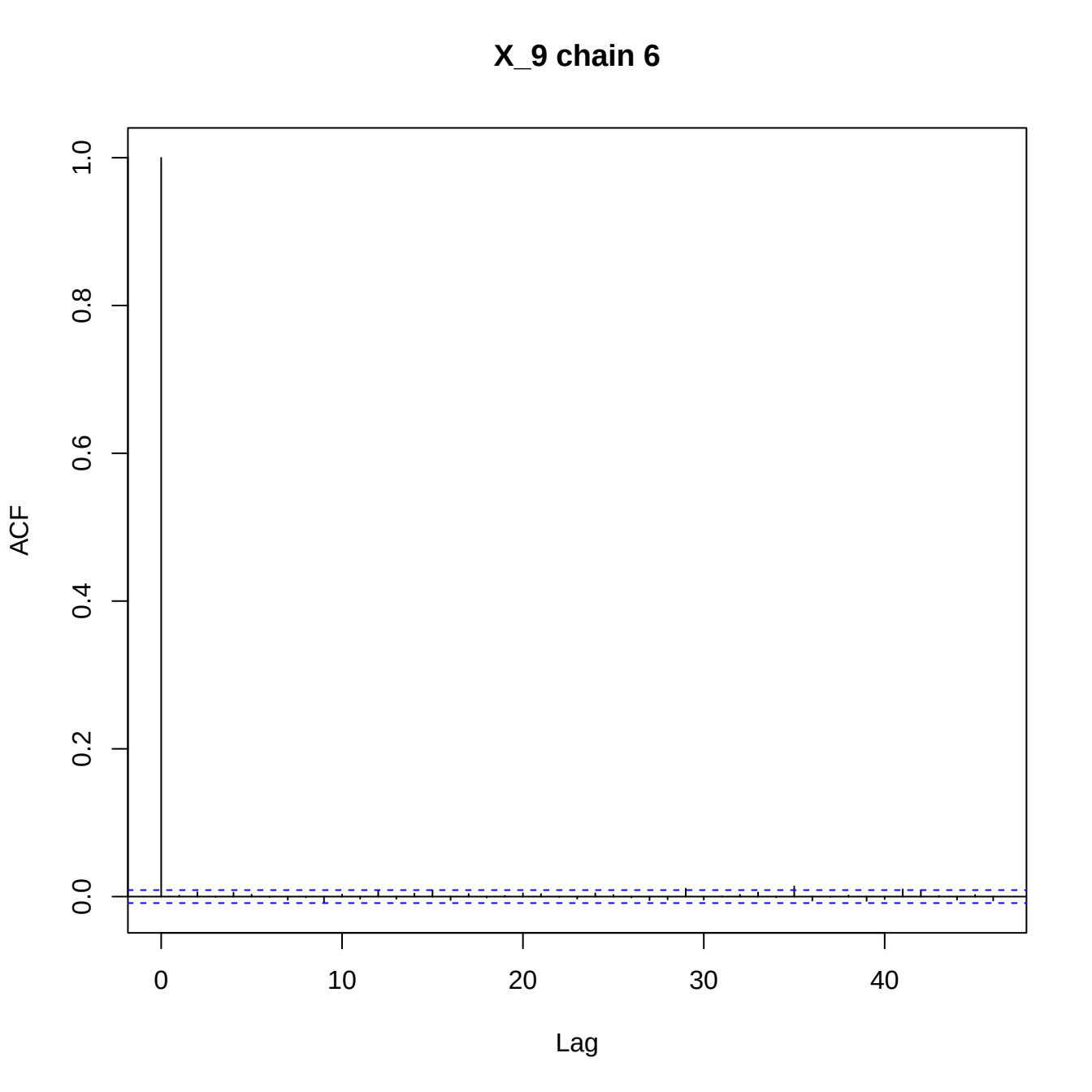
Lag


X_9 chain 6
ACF
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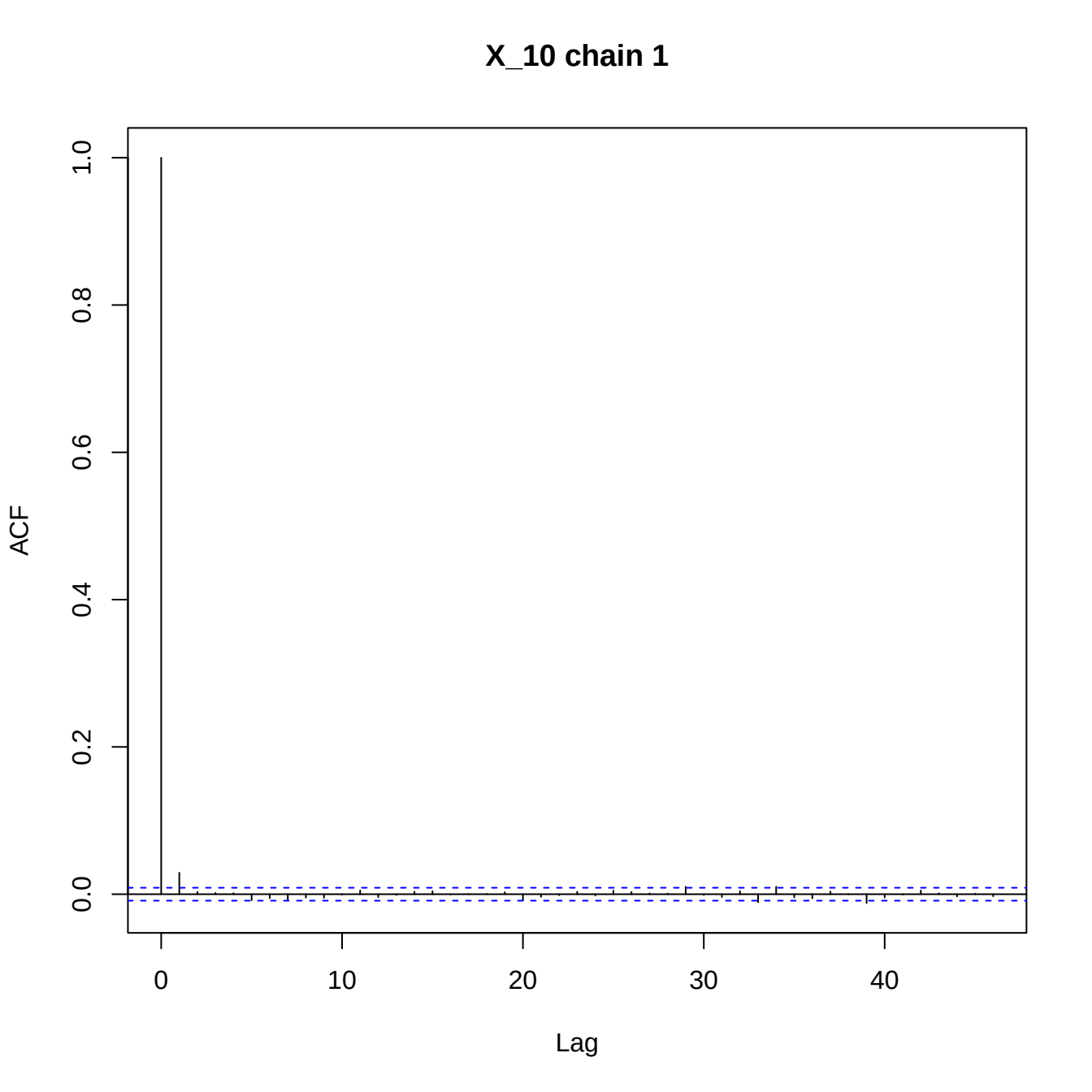
Lag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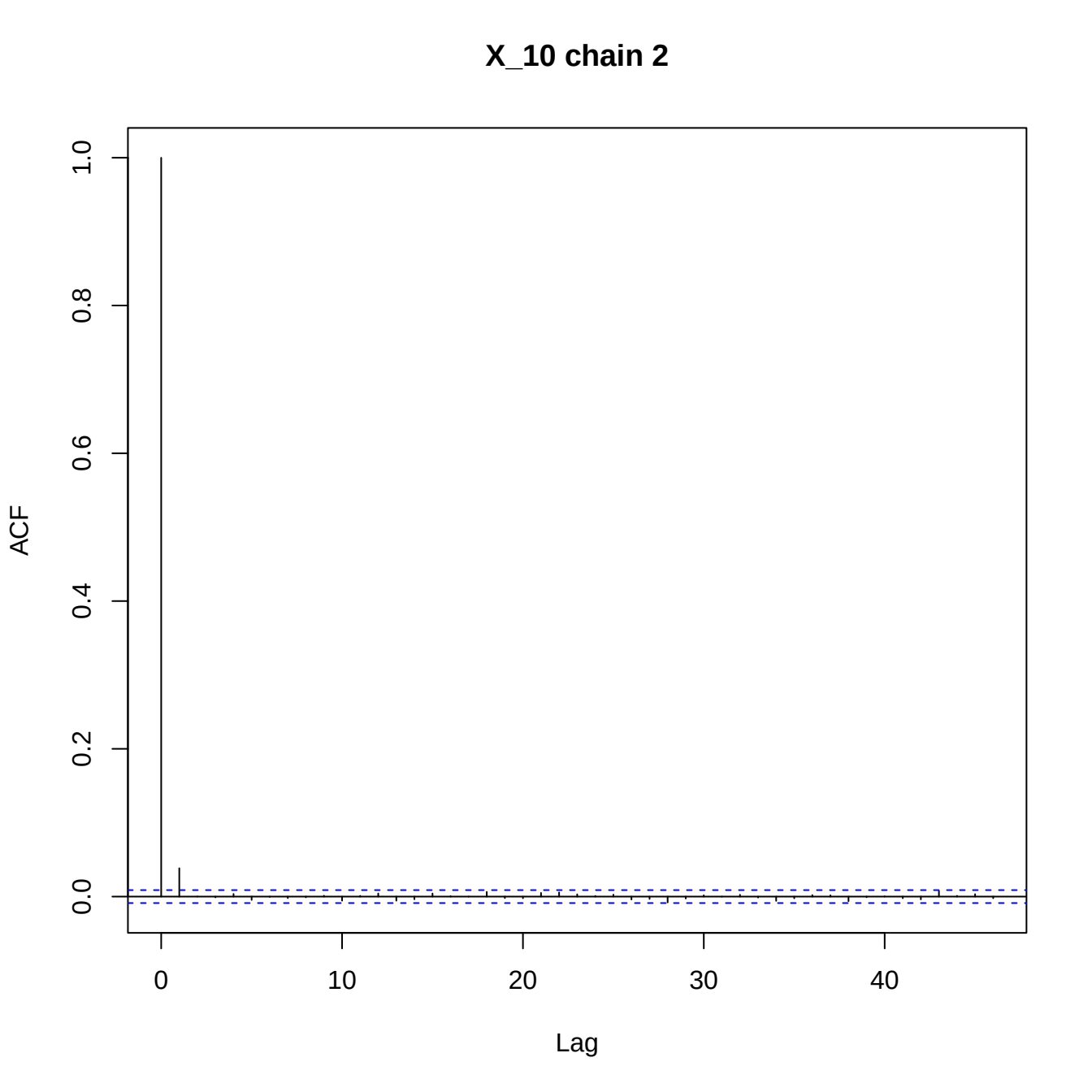
Lag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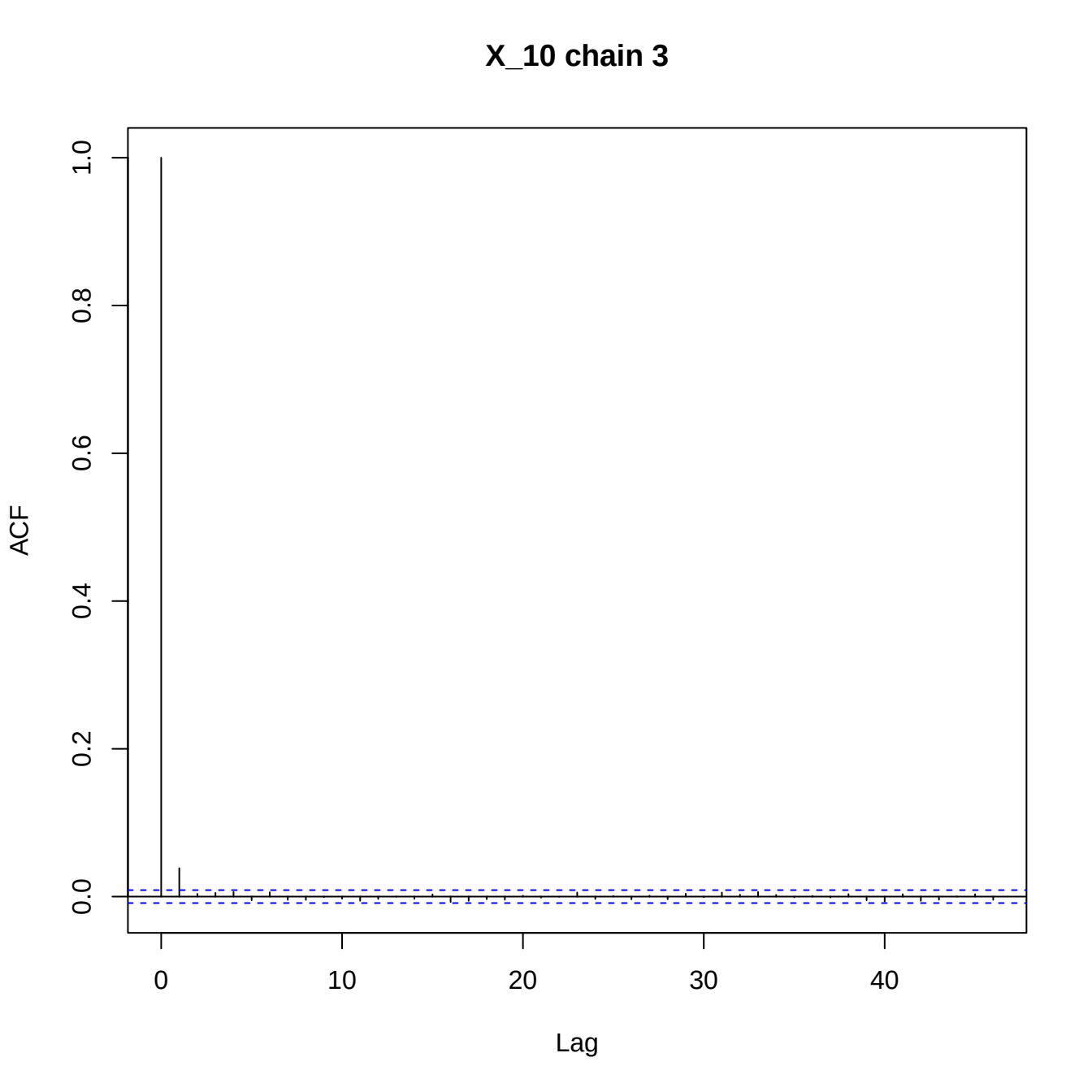
Lag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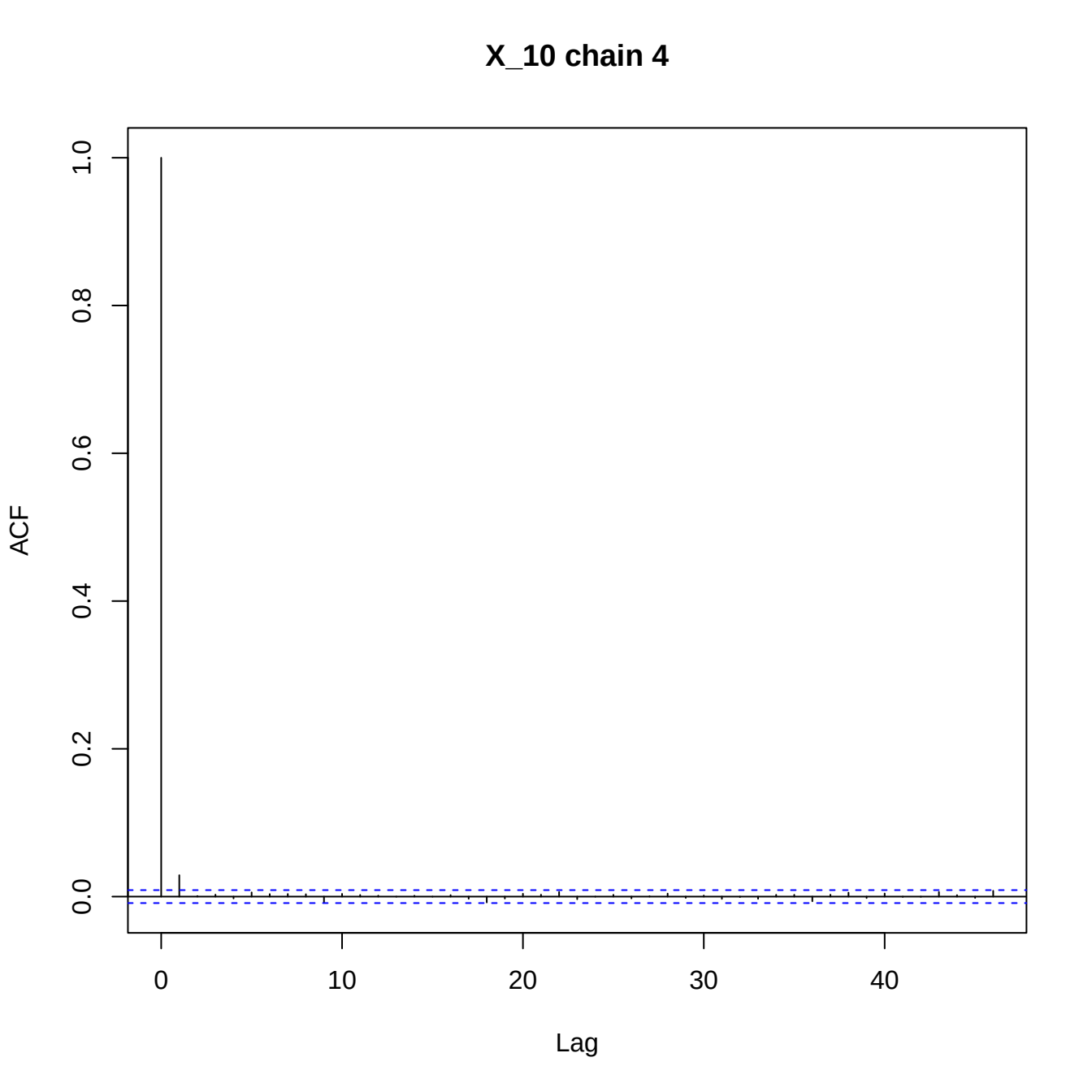
Lag


X_10 chain 4
ACF
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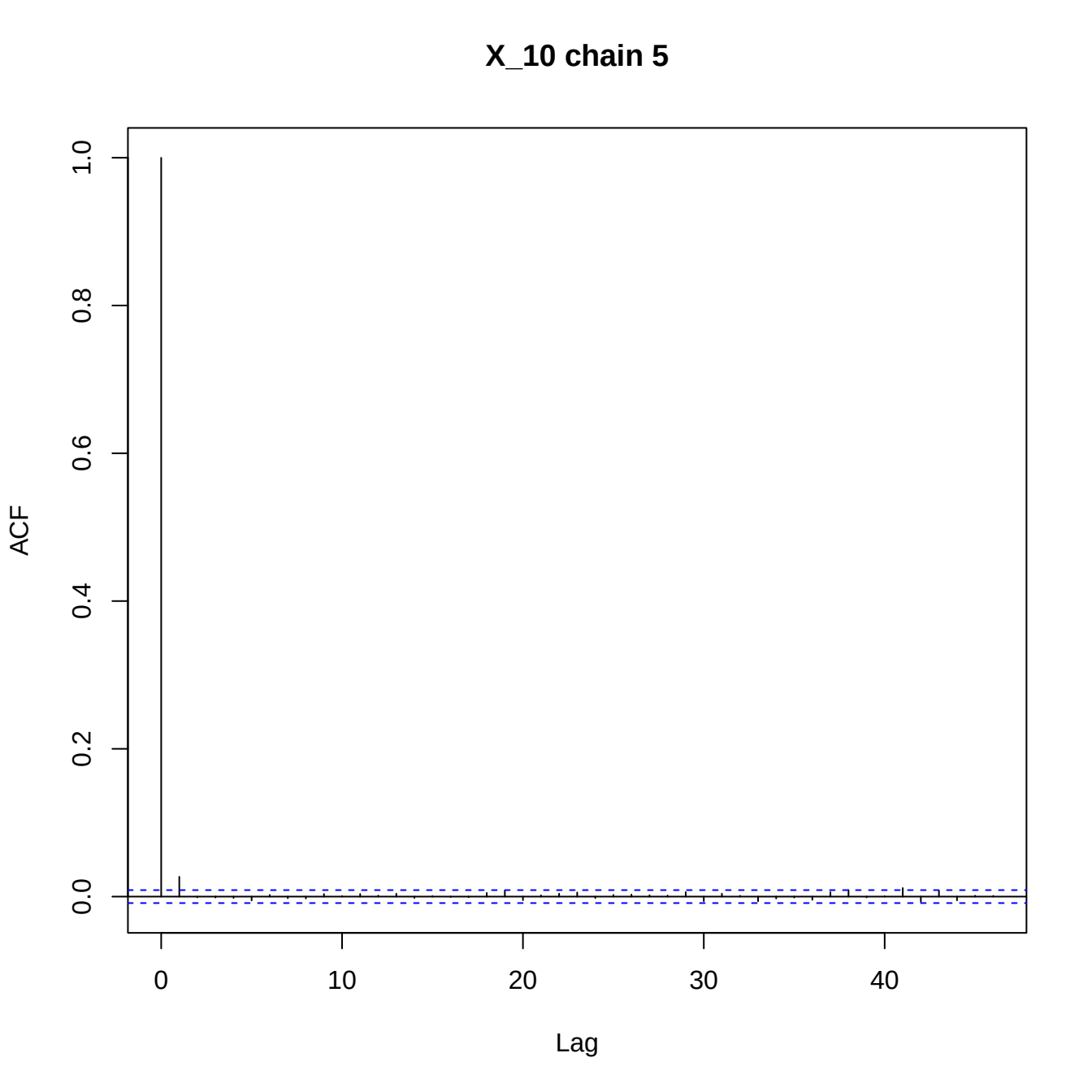
Lag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ACF
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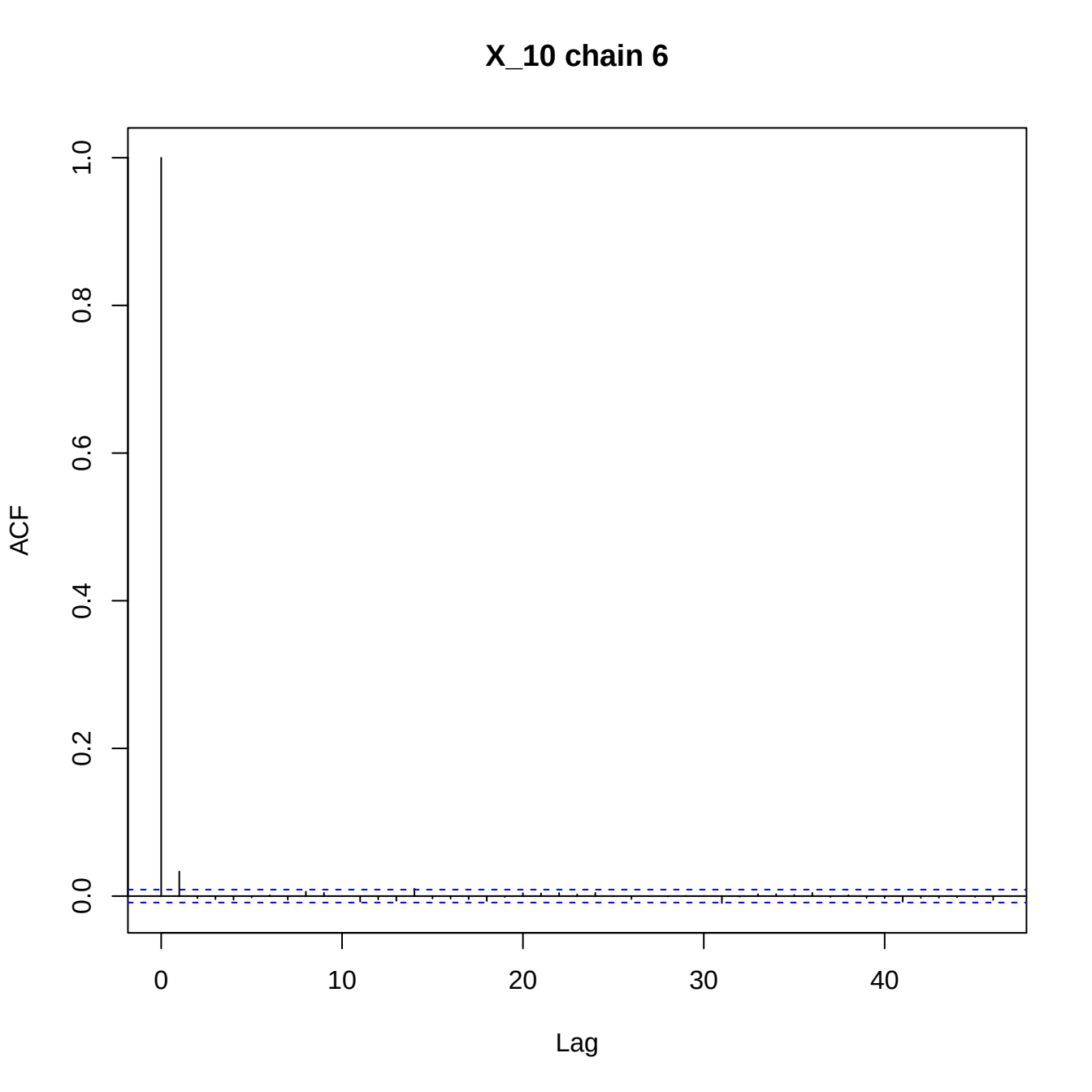
Lag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20
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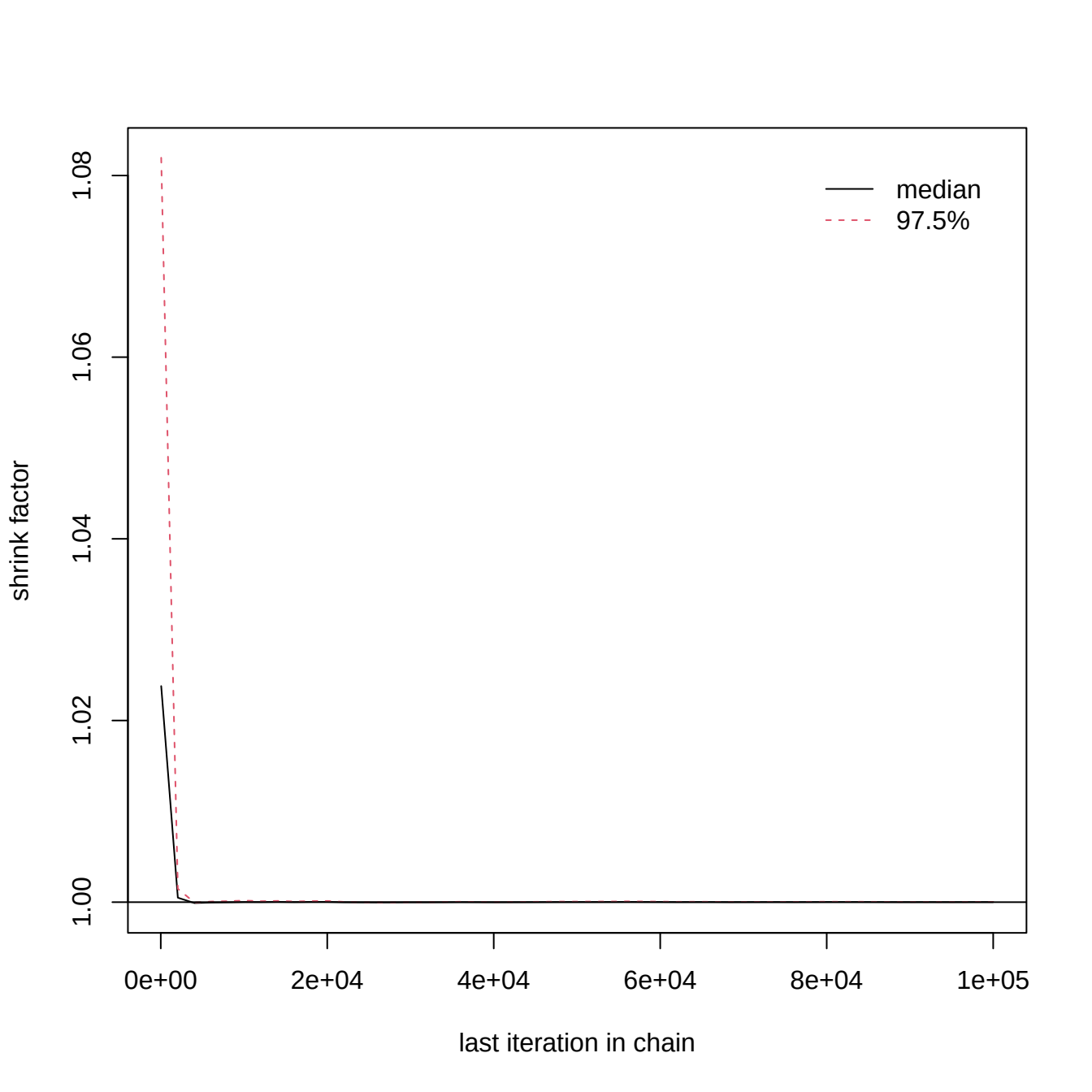
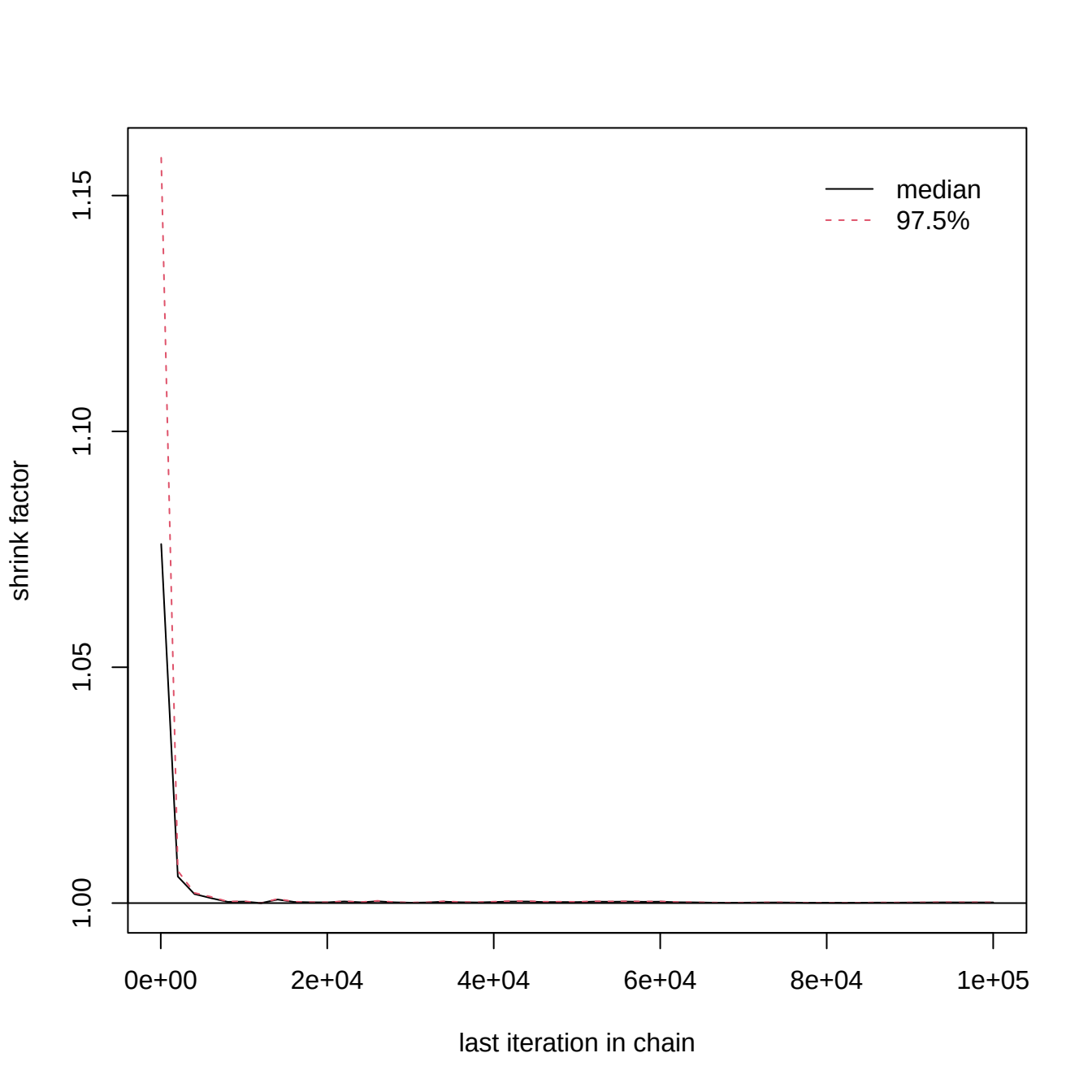
Lag


median
97.5%
shrink factor
1.00
1.02
1.04
1.06
1.08
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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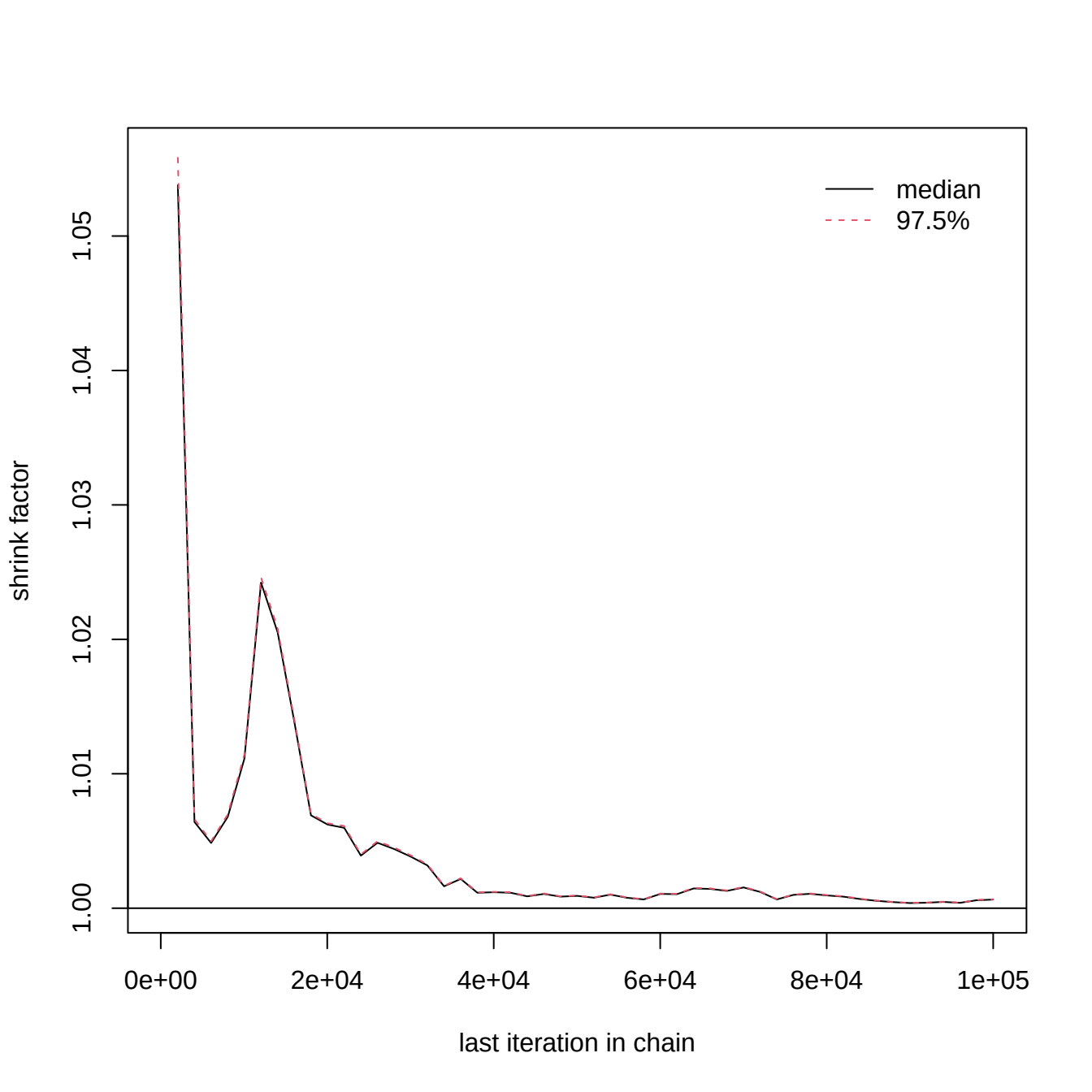
1.05
1.10
1.15
0e+00
2e+04
4e+04
6e+04
8e+04
1e+05
last iteration in chain


median
97.5%
shrink factor
1.00
1.01
1.02
1.03
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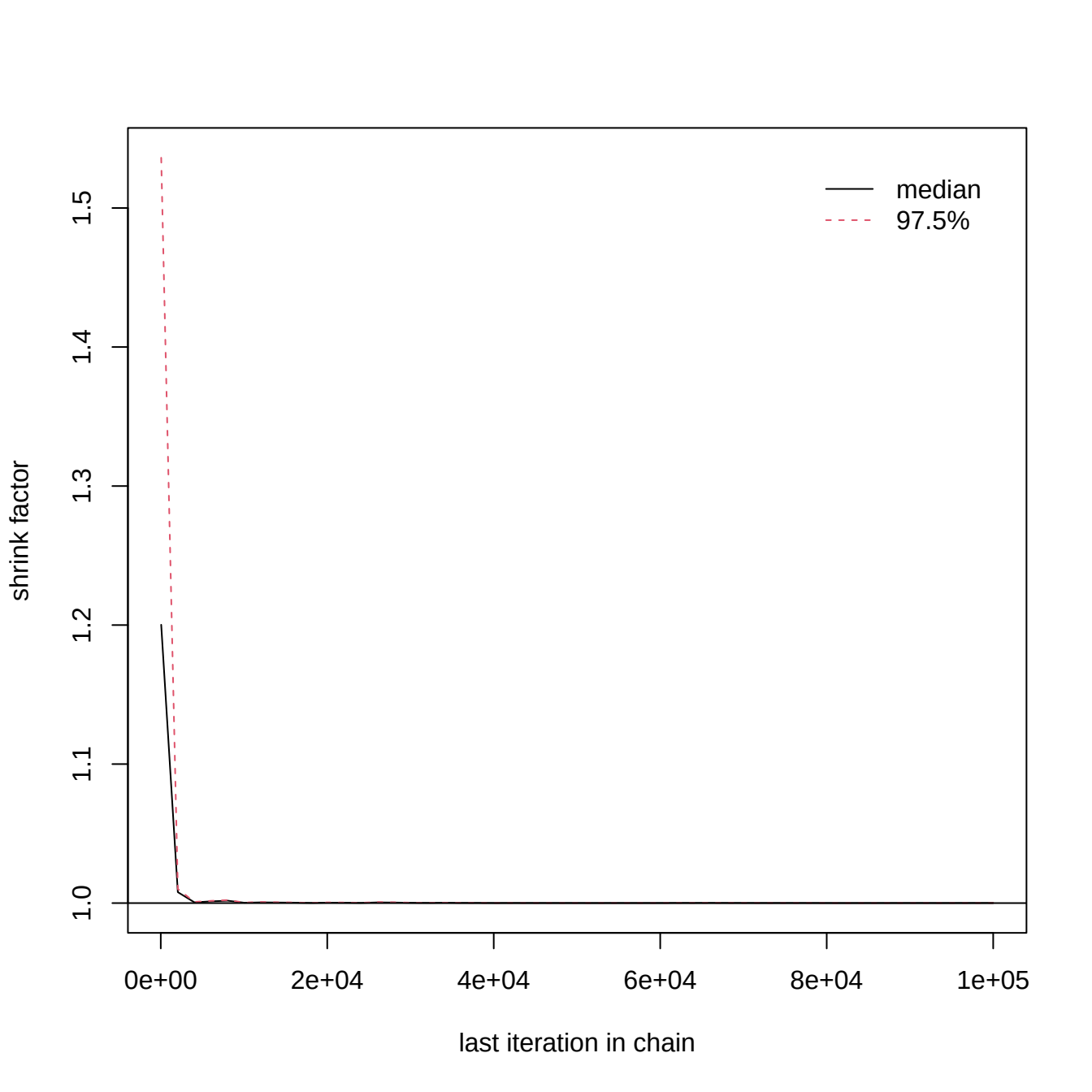
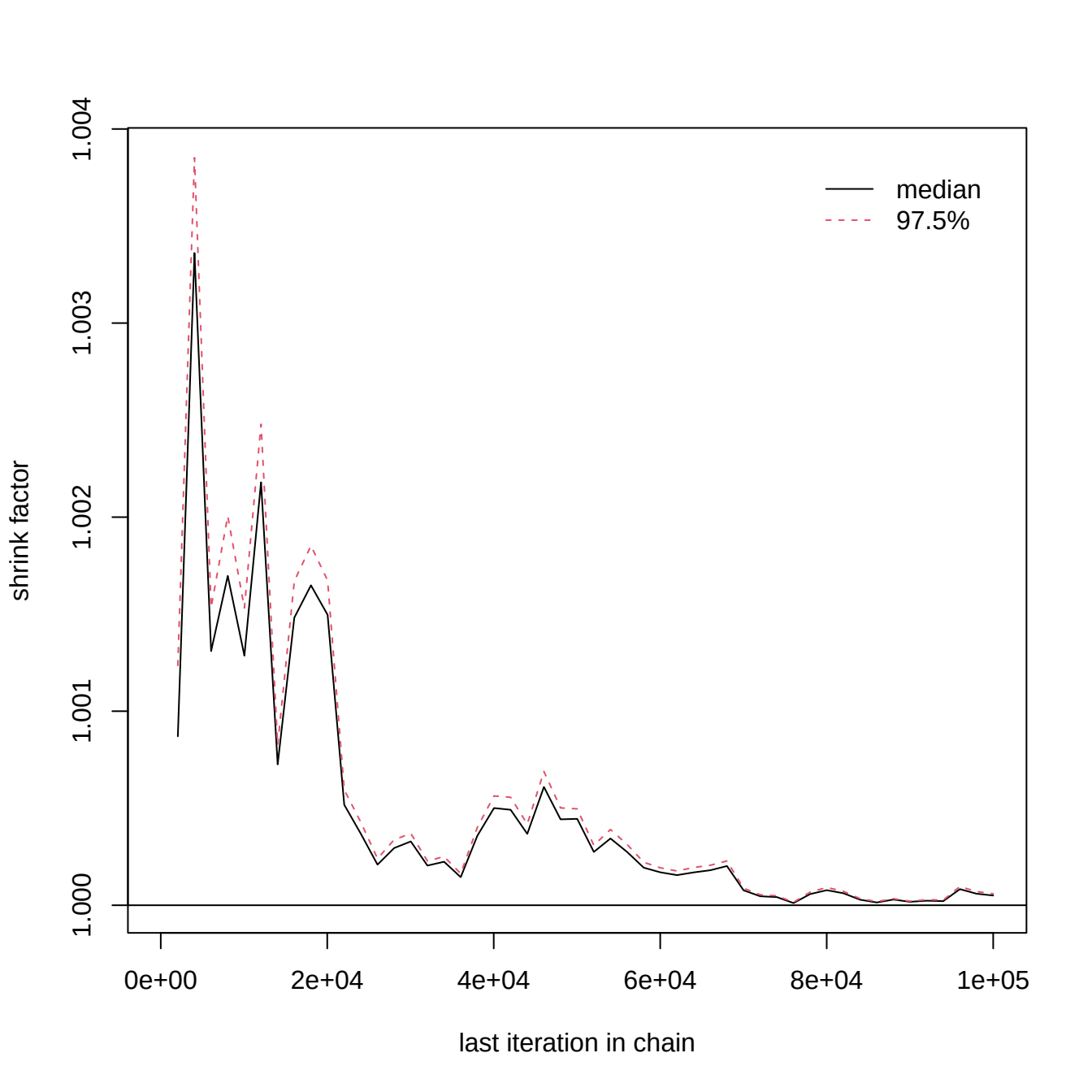
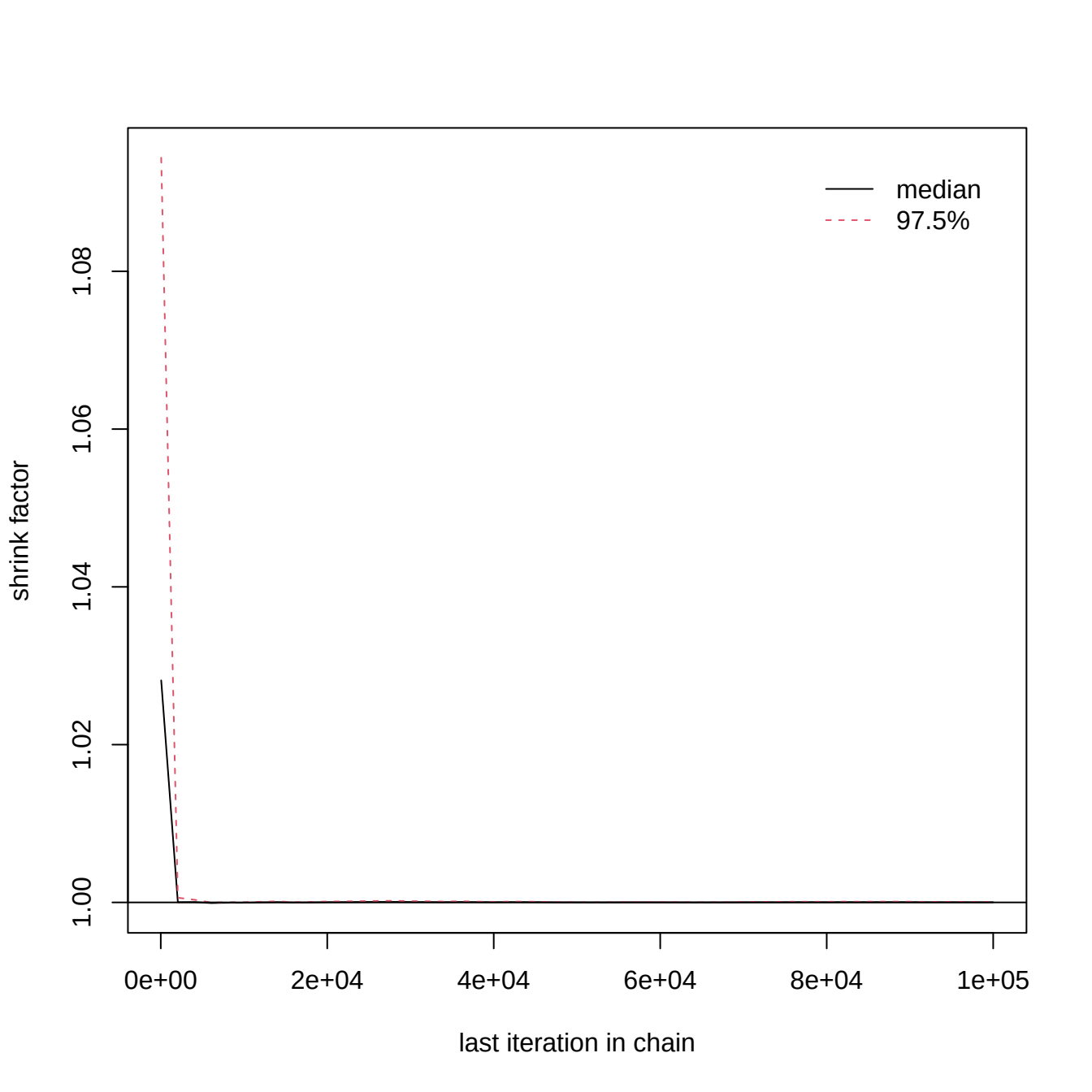
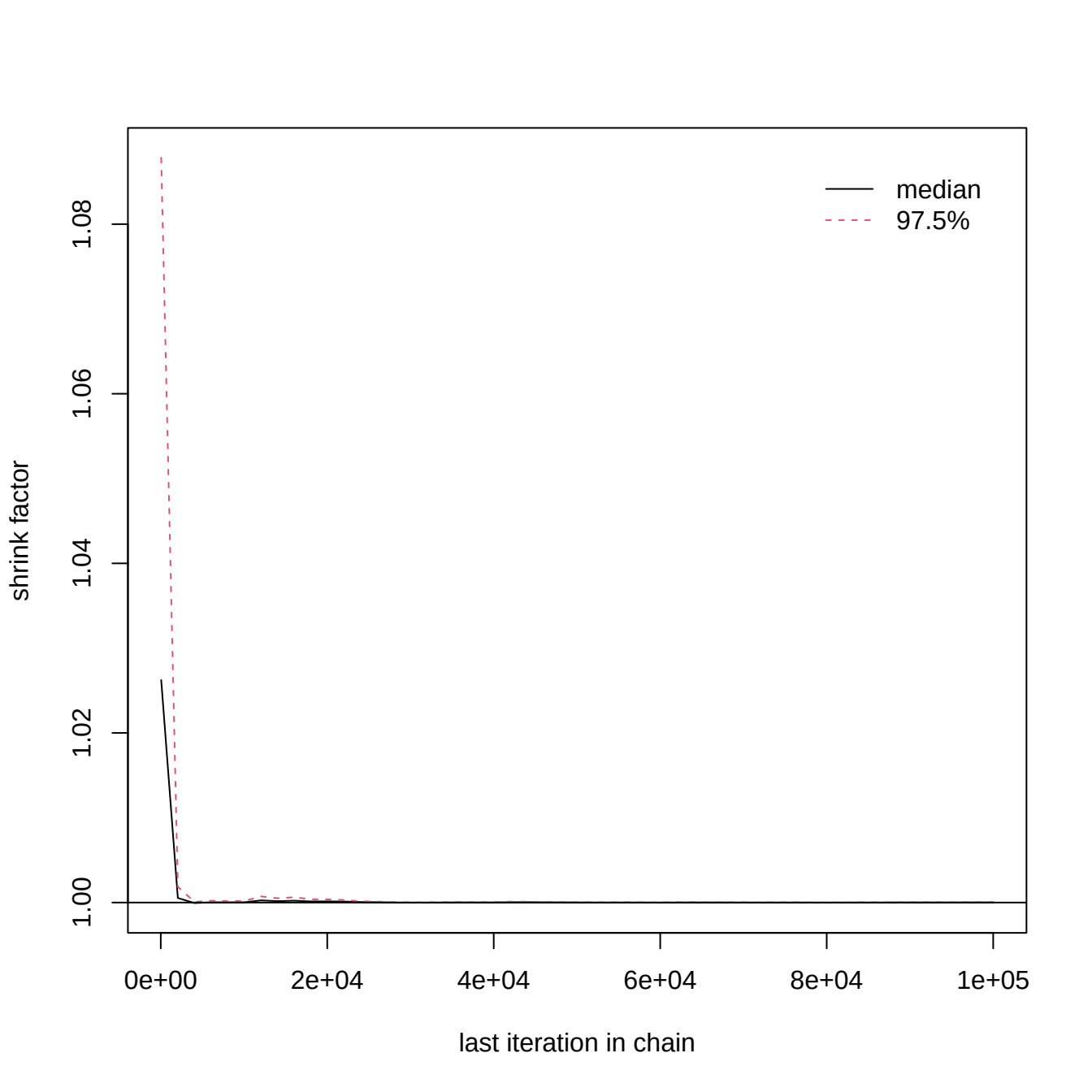
1.05
0e+00
2e+04
4e+04
6e+04
8e+04
1e+05
last iteration in chain


median
97.5%
shrink factor
1.0
1.1
1.2
1.3
1.4
1.5
0e+00
2e+04
4e+04
6e+04
8e+04
1e+05
last iteration in chain


median
97.5%
shrink factor
1.000
1.001
1.002
1.003
1.004
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
1.08
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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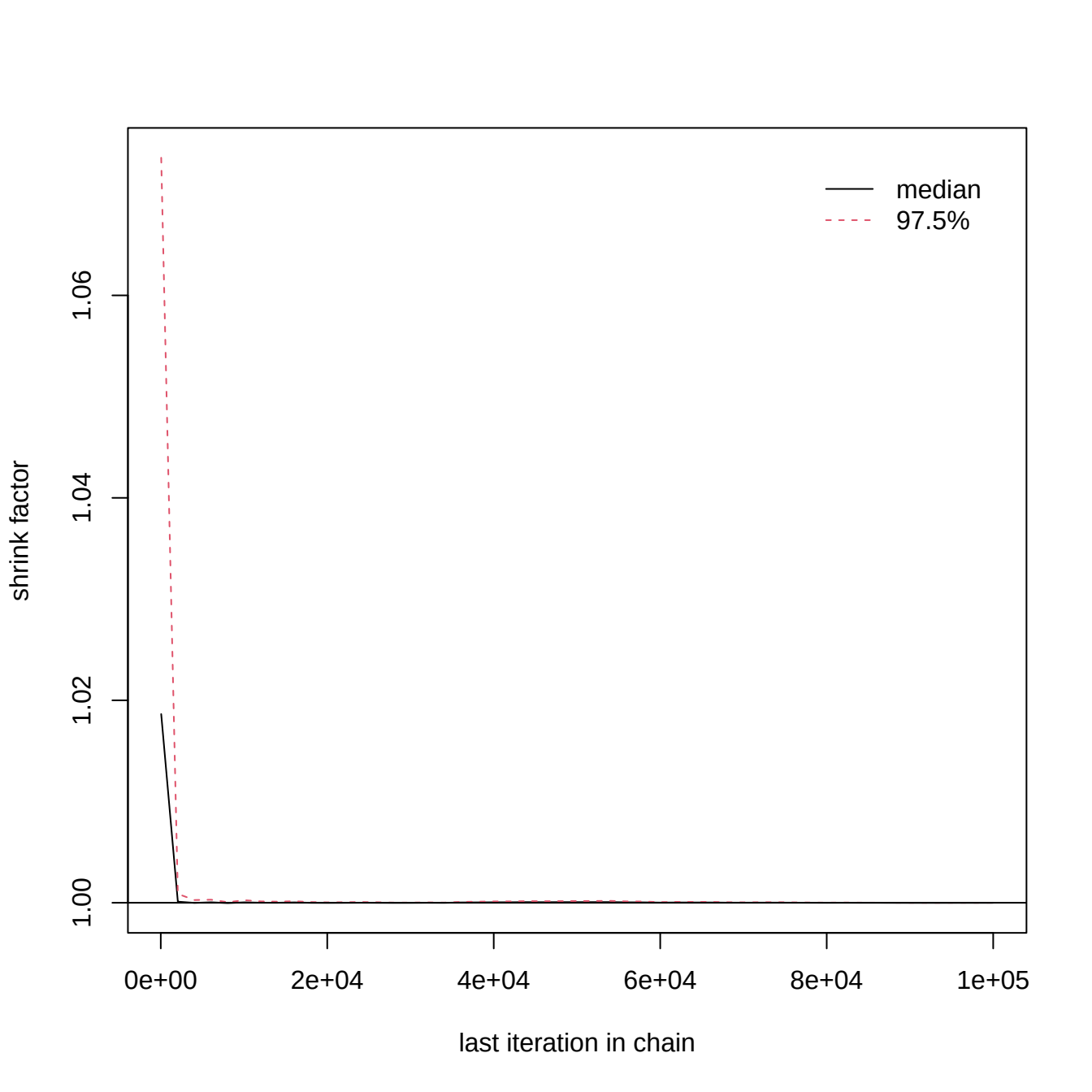
0e+00
2e+04
4e+04
6e+04
8e+04
1e+05
last iteration in chain


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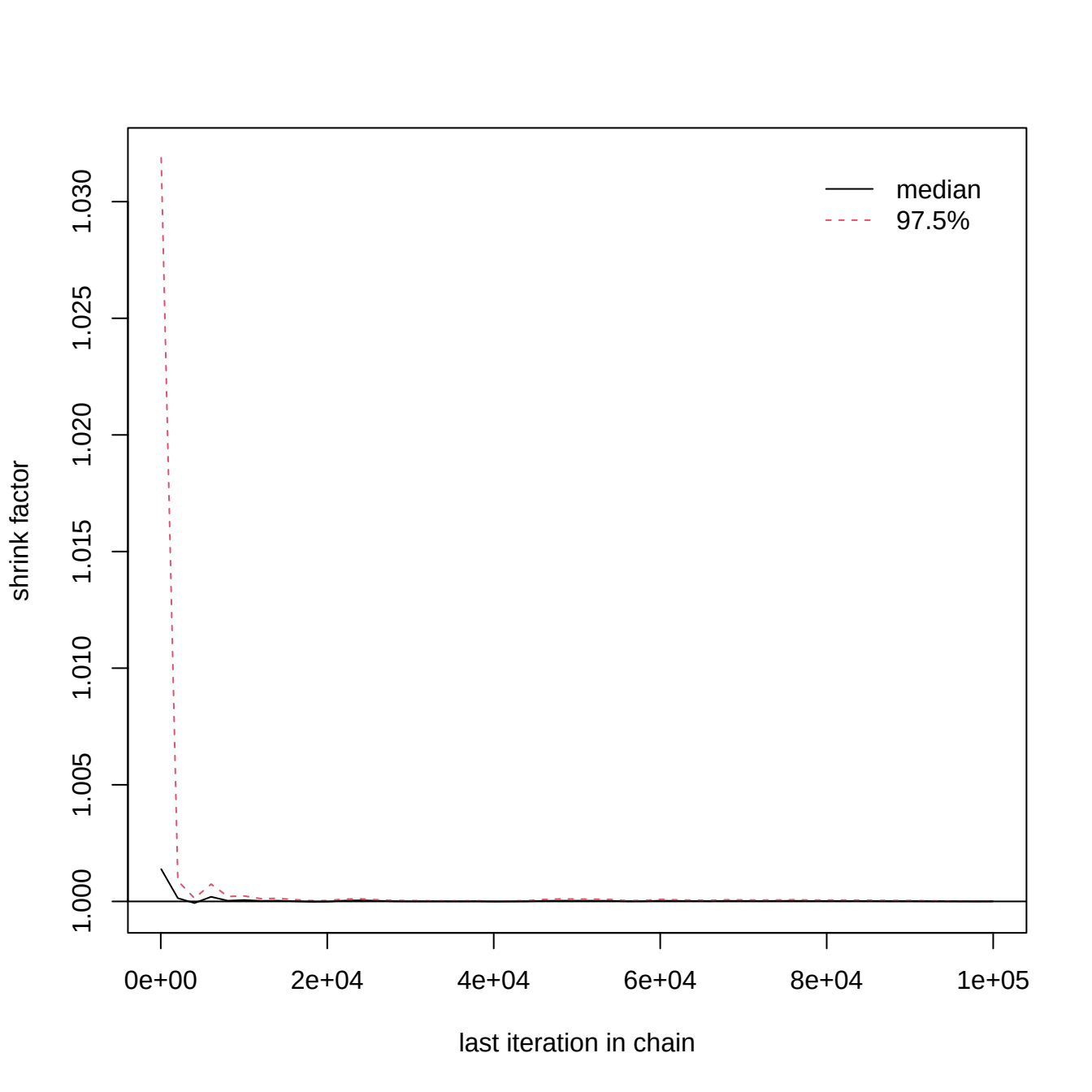
1.02
1.04
1.06
0e+00
2e+04
4e+04
6e+04
8e+04
1e+05
last iteration in chain


median
97.5%
shrink factor
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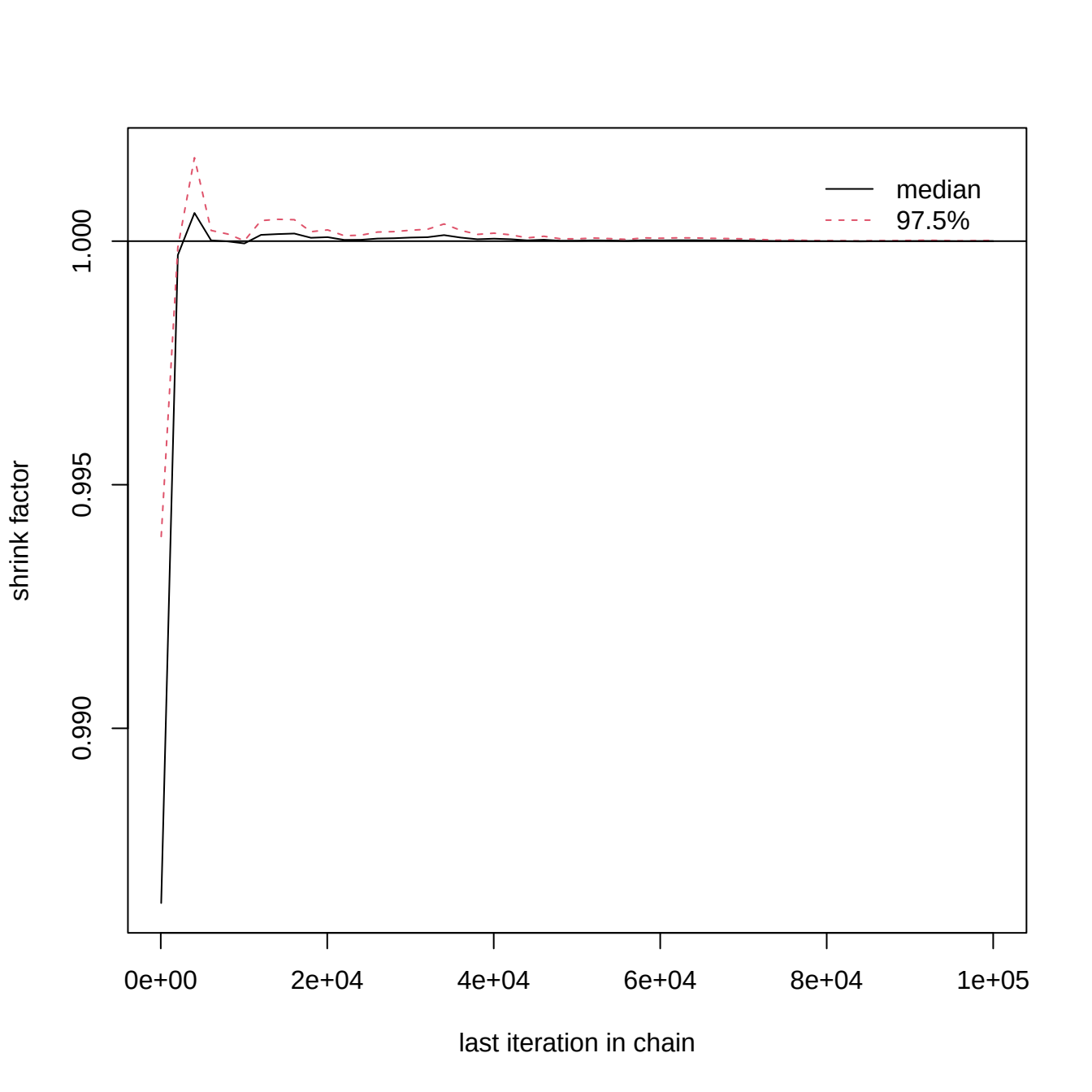
1.005
1.010
1.015
1.020
1.025
1.030
0e+00
2e+04
4e+04
6e+04
8e+04
1e+05
last iteration in chain


median
97.5%
shrink factor
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0.995
0.990
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2e+04
4e+04
6e+04
8e+04
1e+05
last iteration in chain