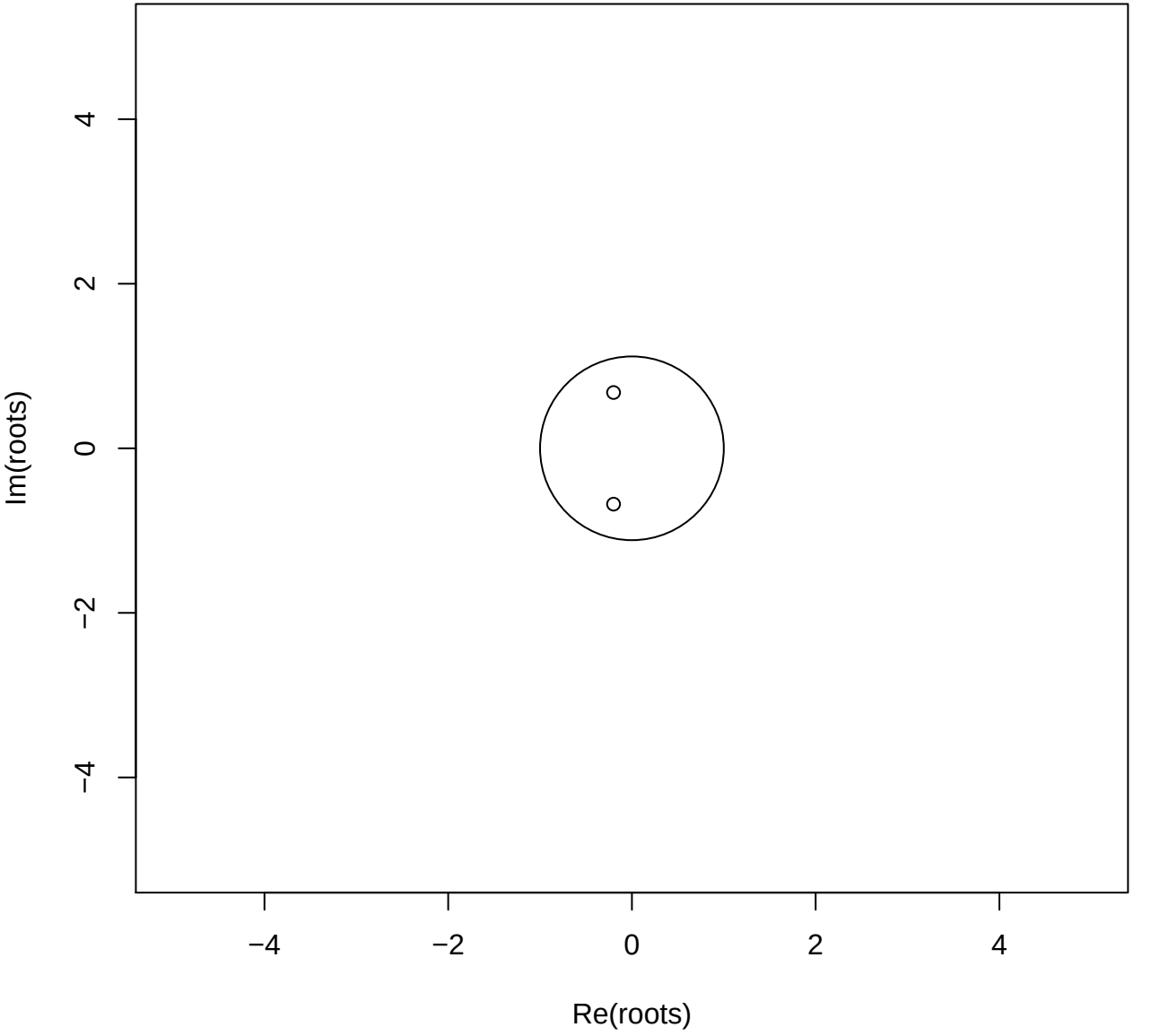
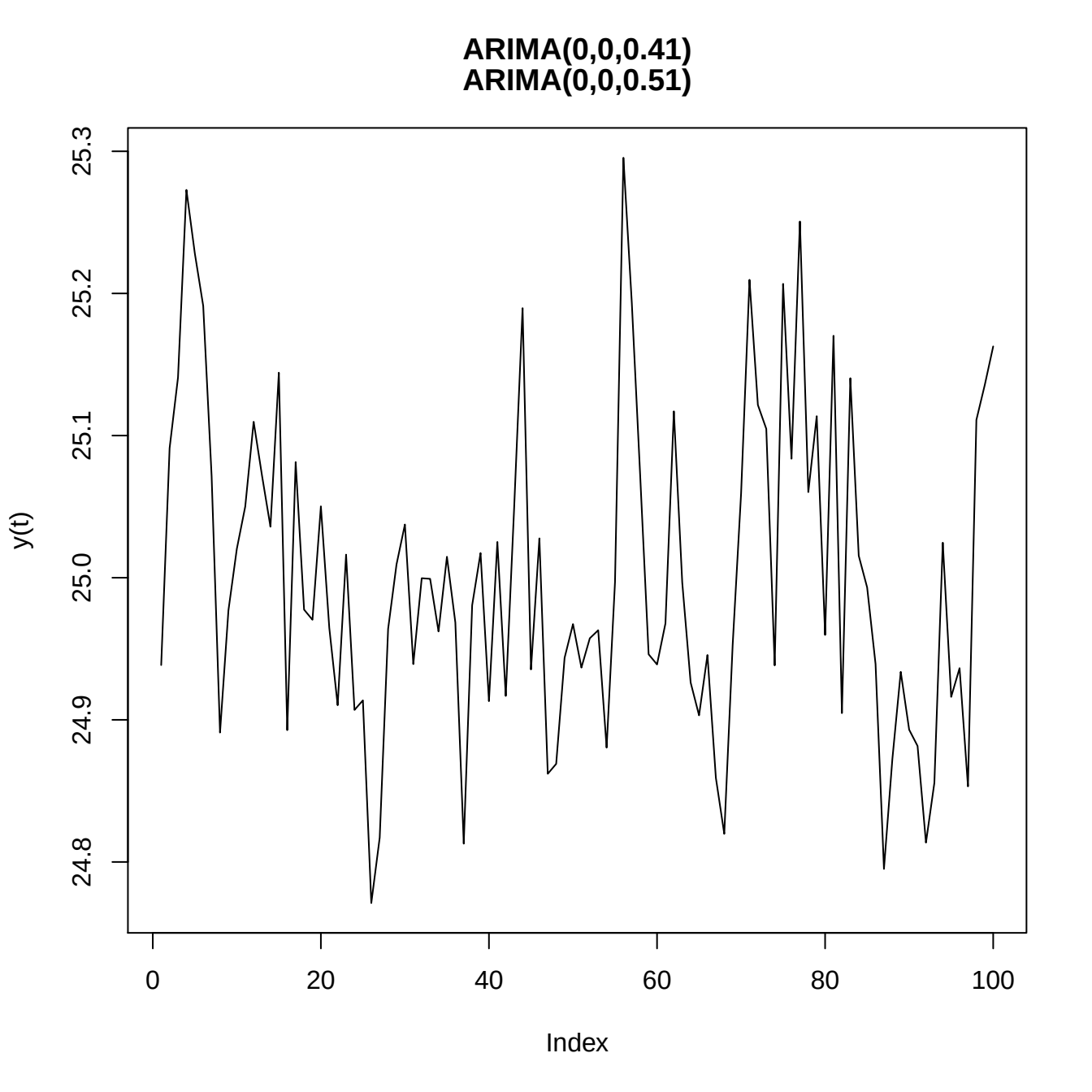
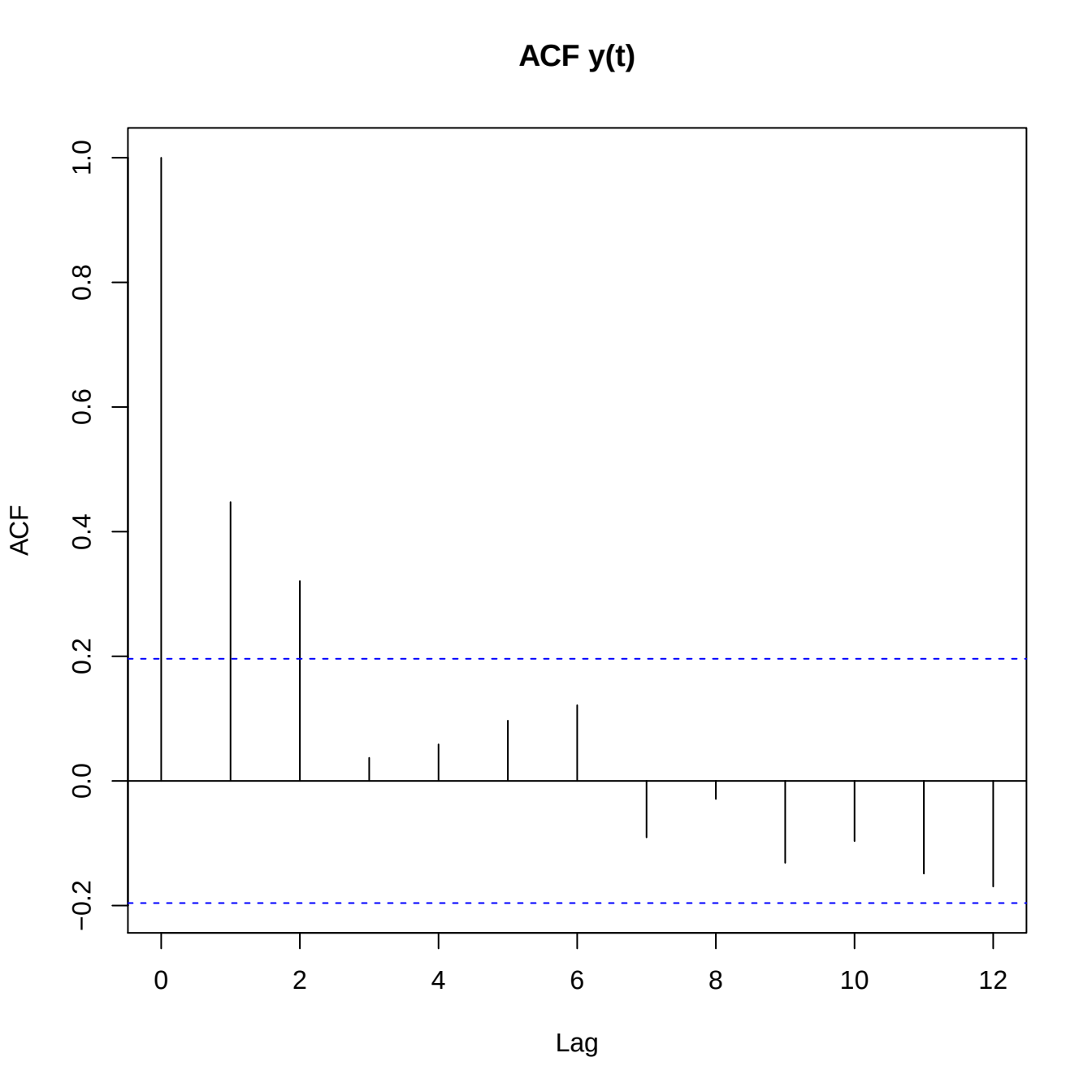
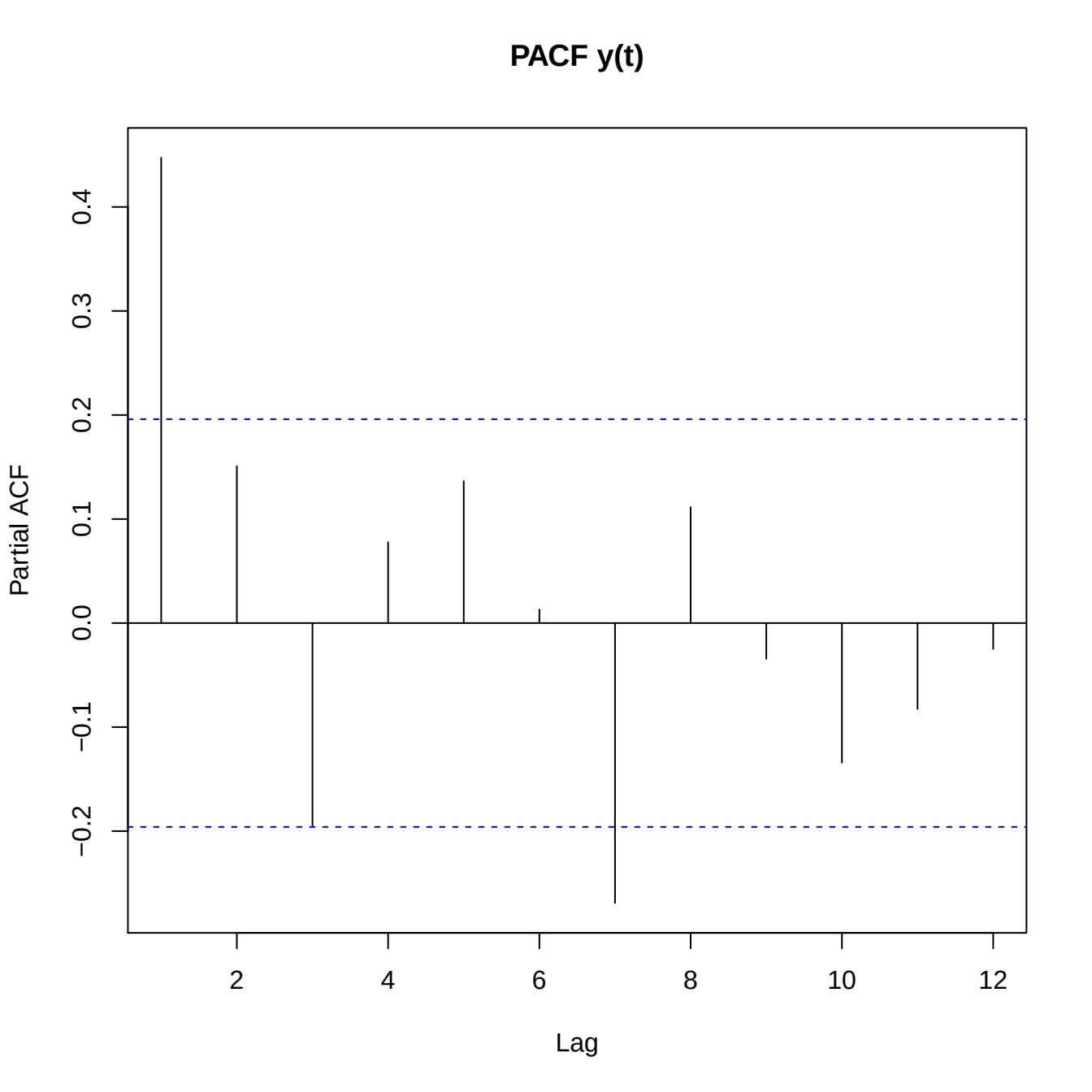
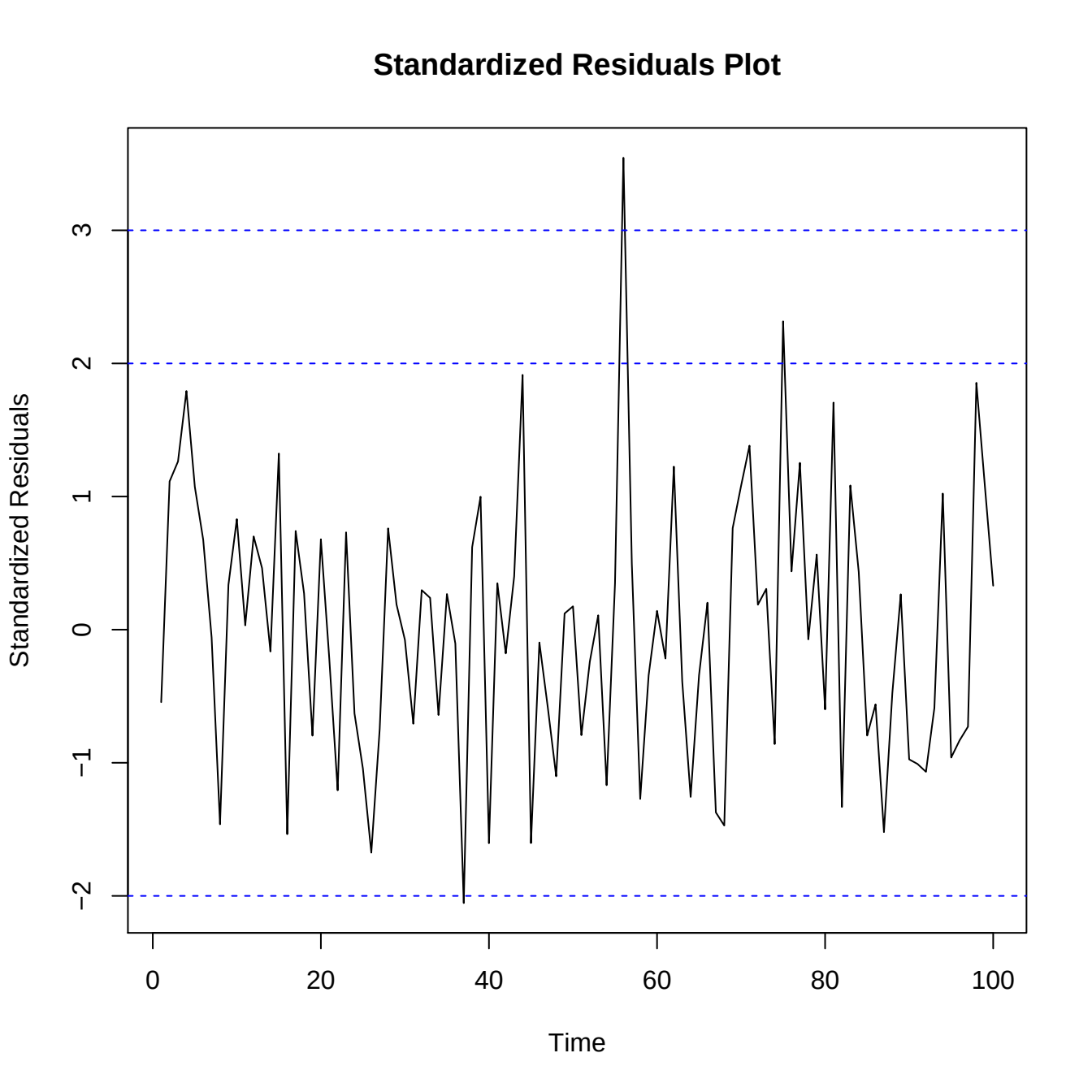
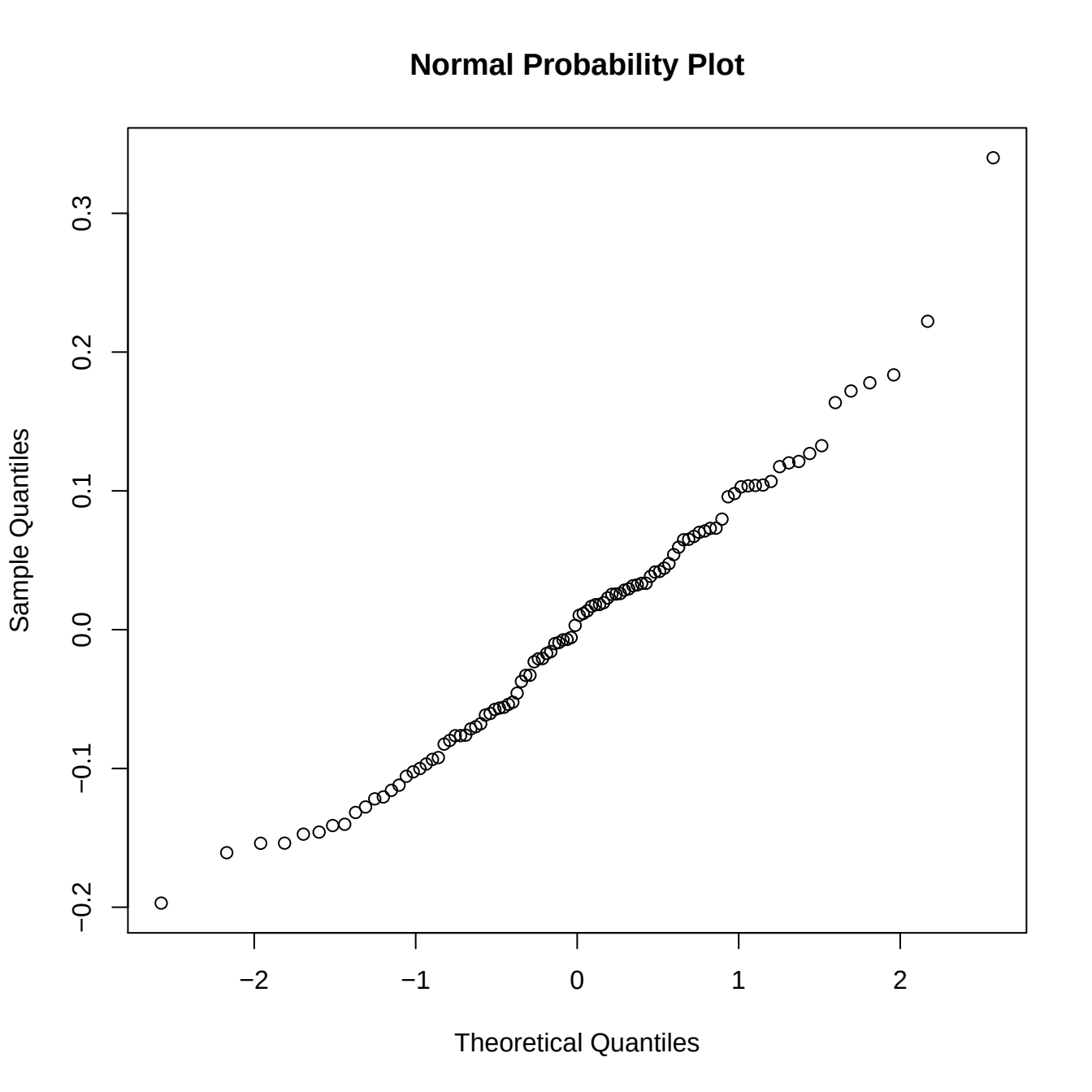

Im(roots)
4
2
0
−2
−4
−4
−2
0
2
4
Re(roots)

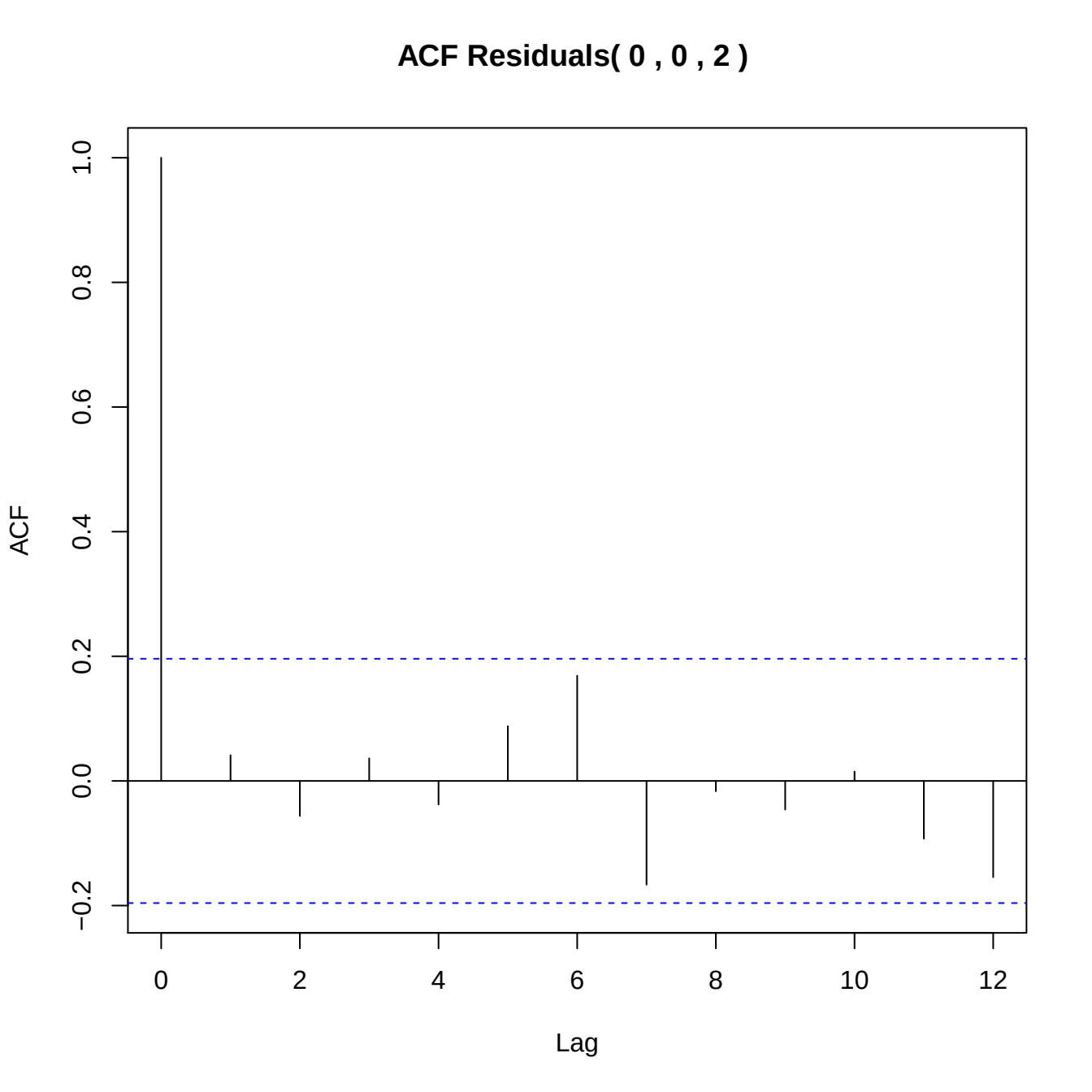

ARIMA(0,0,0.41)
ARIMA(0,0,0.51)
y(t)
25.3
25.2
25.1
25.0
24.9
24.8
0
20
40
60
80
100
Index

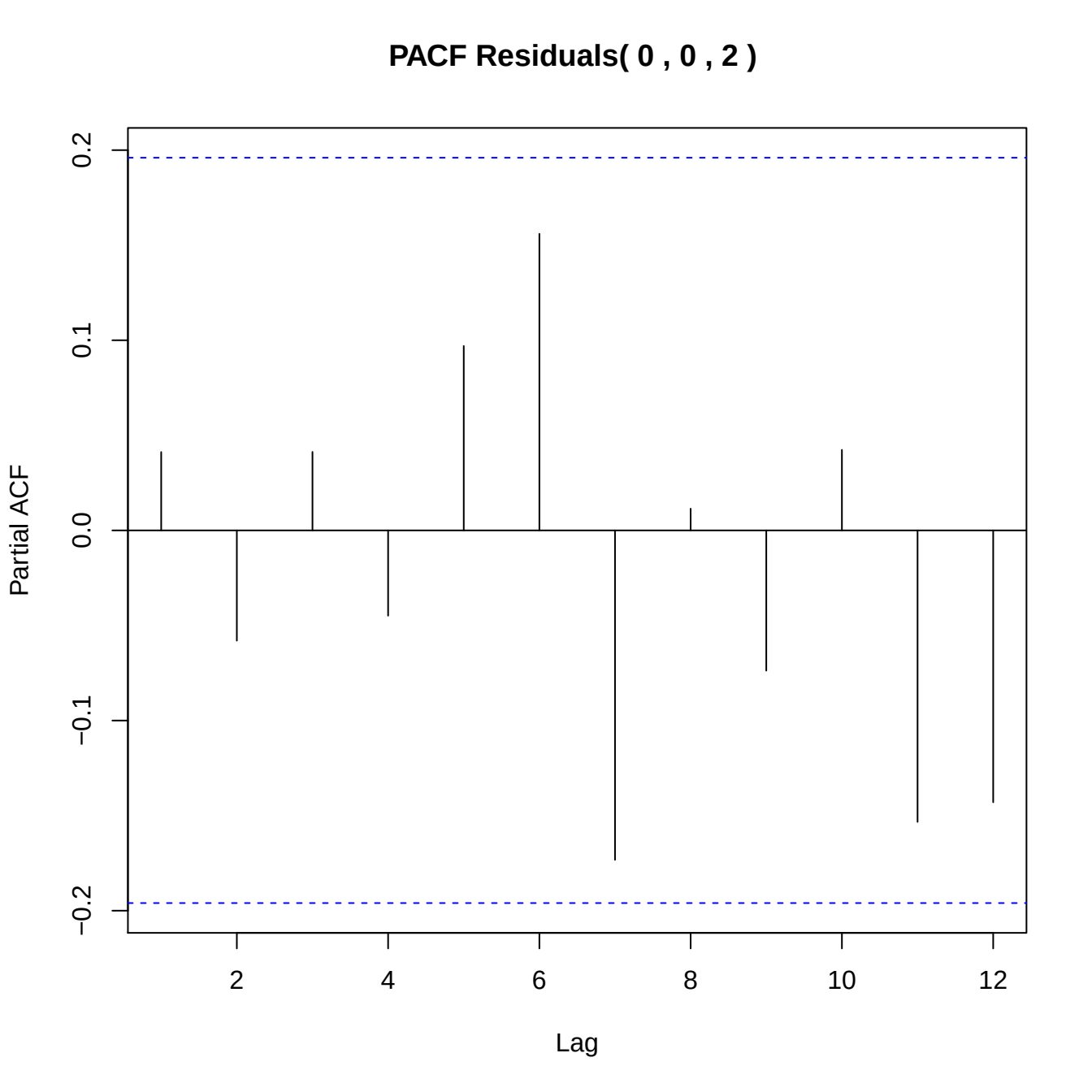

ACF y(t)
ACF
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
2
4
6
8
10
12
Lag

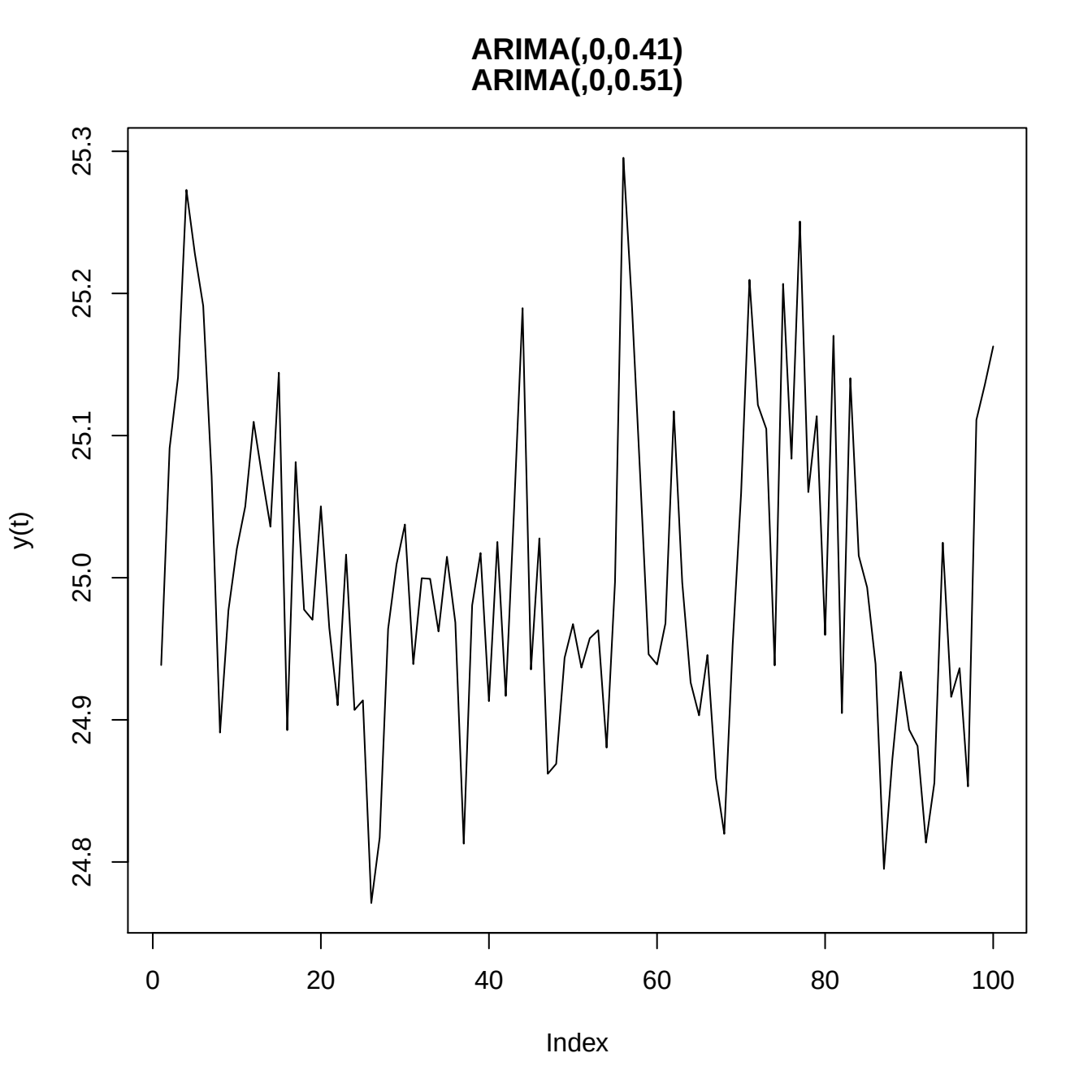

PACF y(t)
Partial ACF
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
2
4
6
8
10
12
Lag

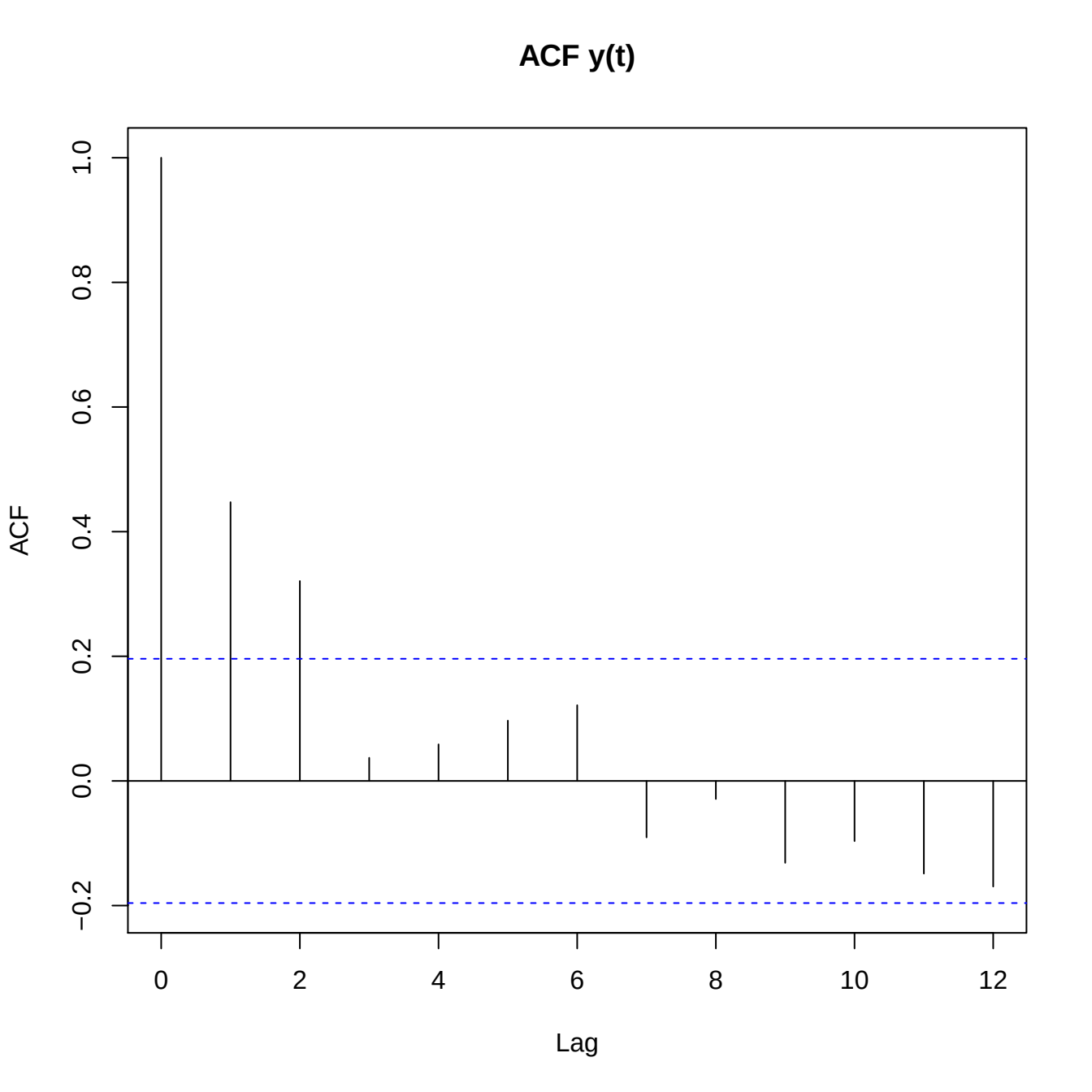

Standardized Residuals Plot
Standardized Residuals
3
2
1
0
−1
−2
0
20
40
60
80
100
Time

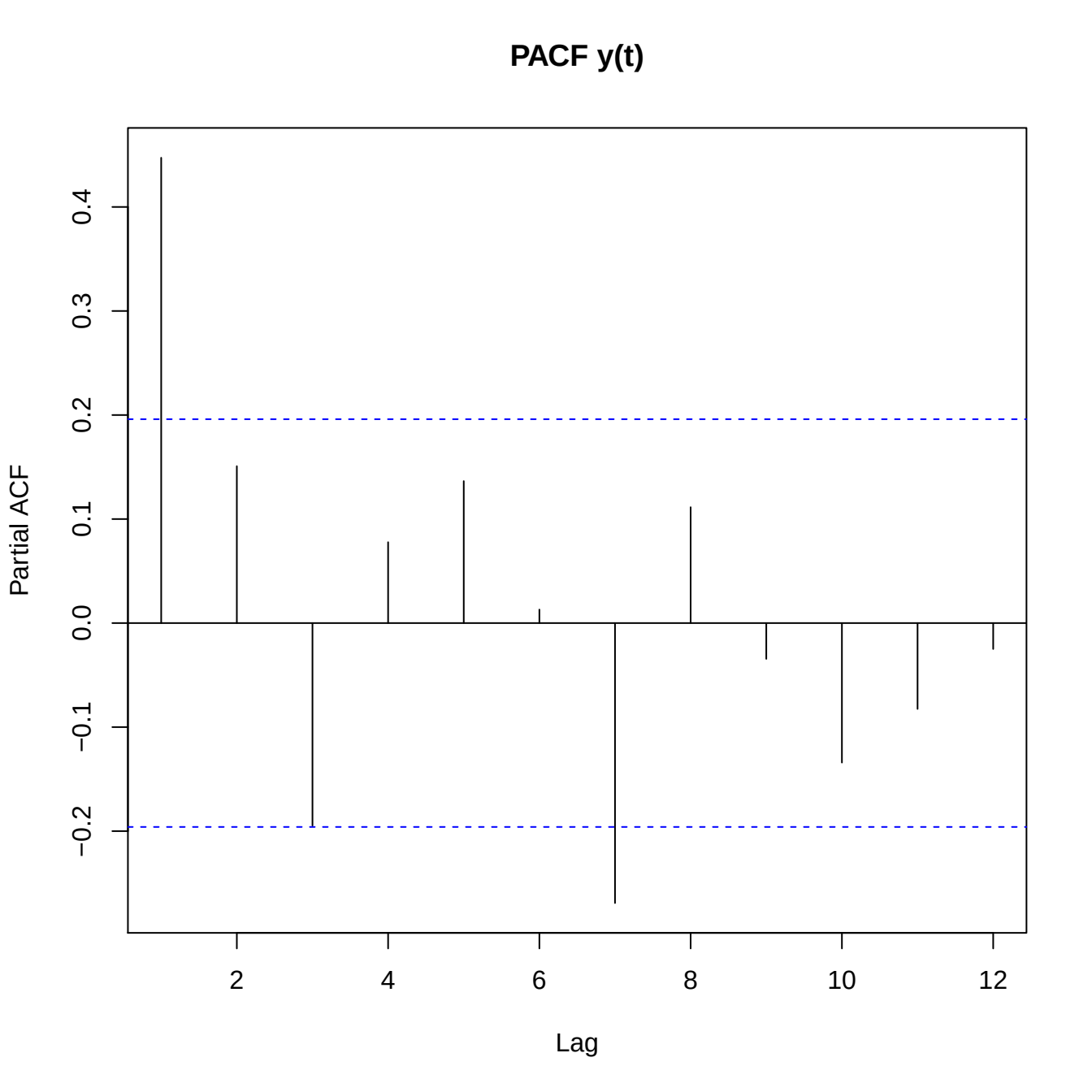

Normal Probability Plot
Sample Quantiles
Theoretical Quantiles
0.3
0.2
0.1
0.0
−0.1
−0.2
−2
−1
0
1
2

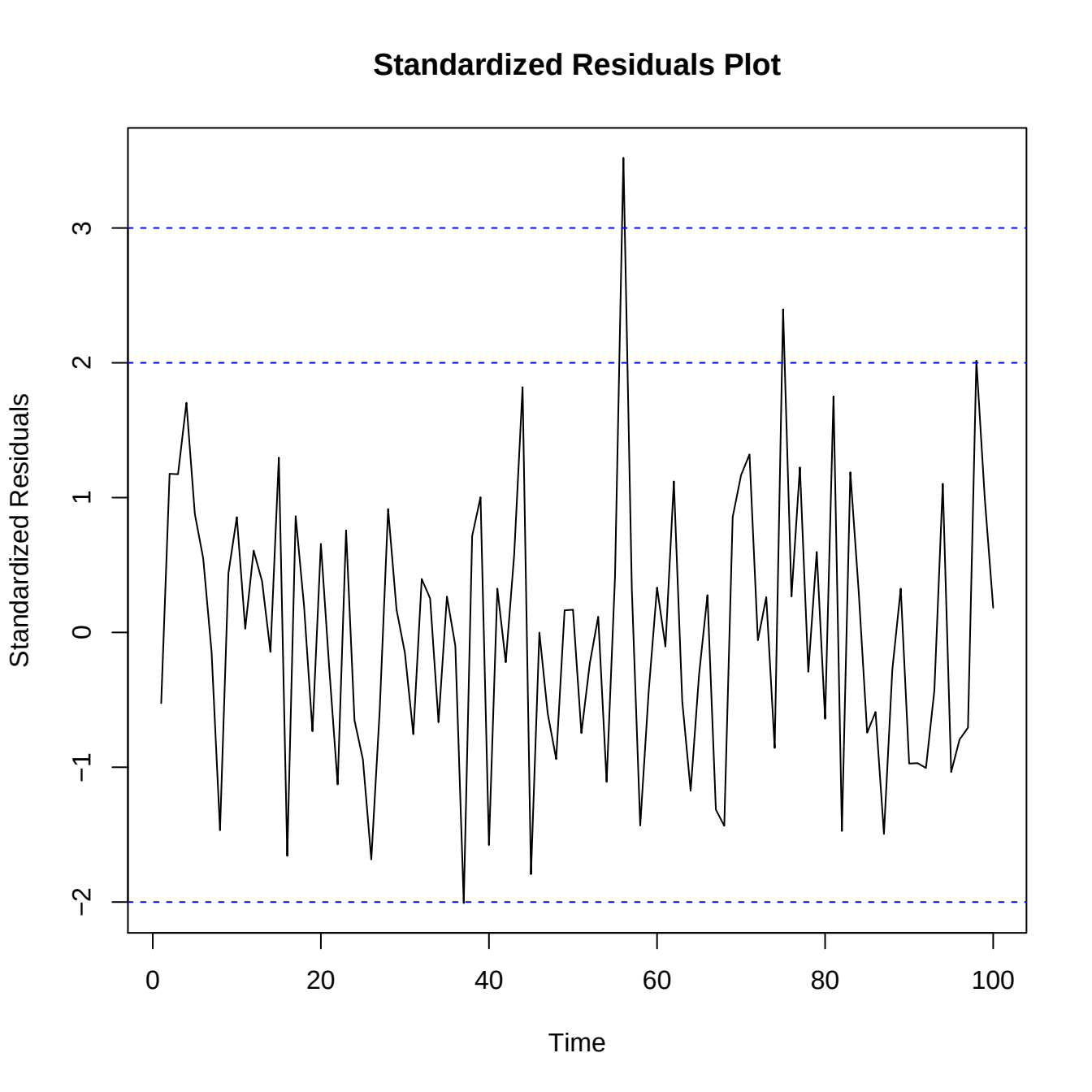

ACF Residuals(0 , 0 , 2)
ACF
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
2
4
6
8
10
12
Lag

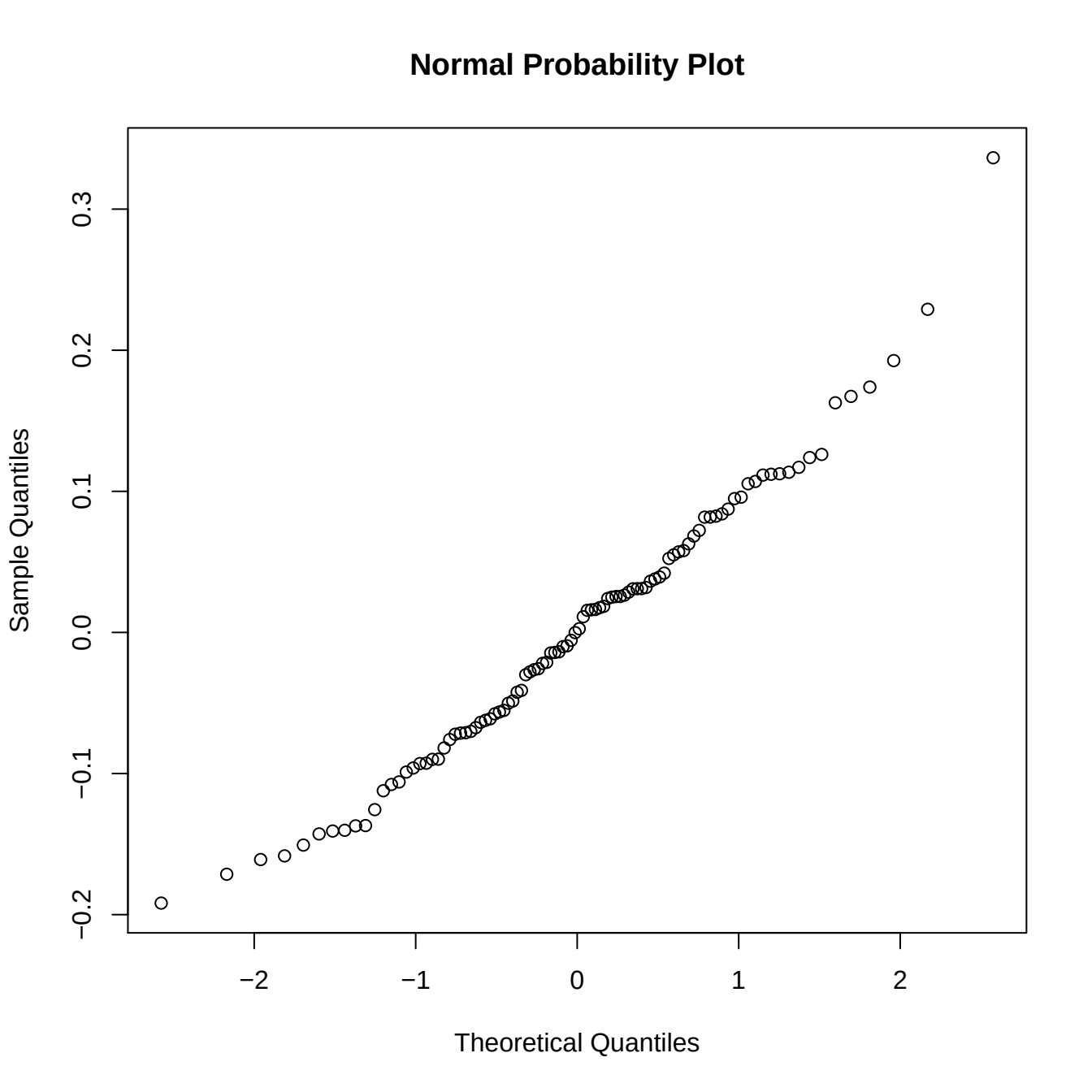

PACF Residuals(0 , 0 , 2)
Partial ACF
0.2
0.1
0.0
−0.1
−0.2
2
4
6
8
10
12
Lag

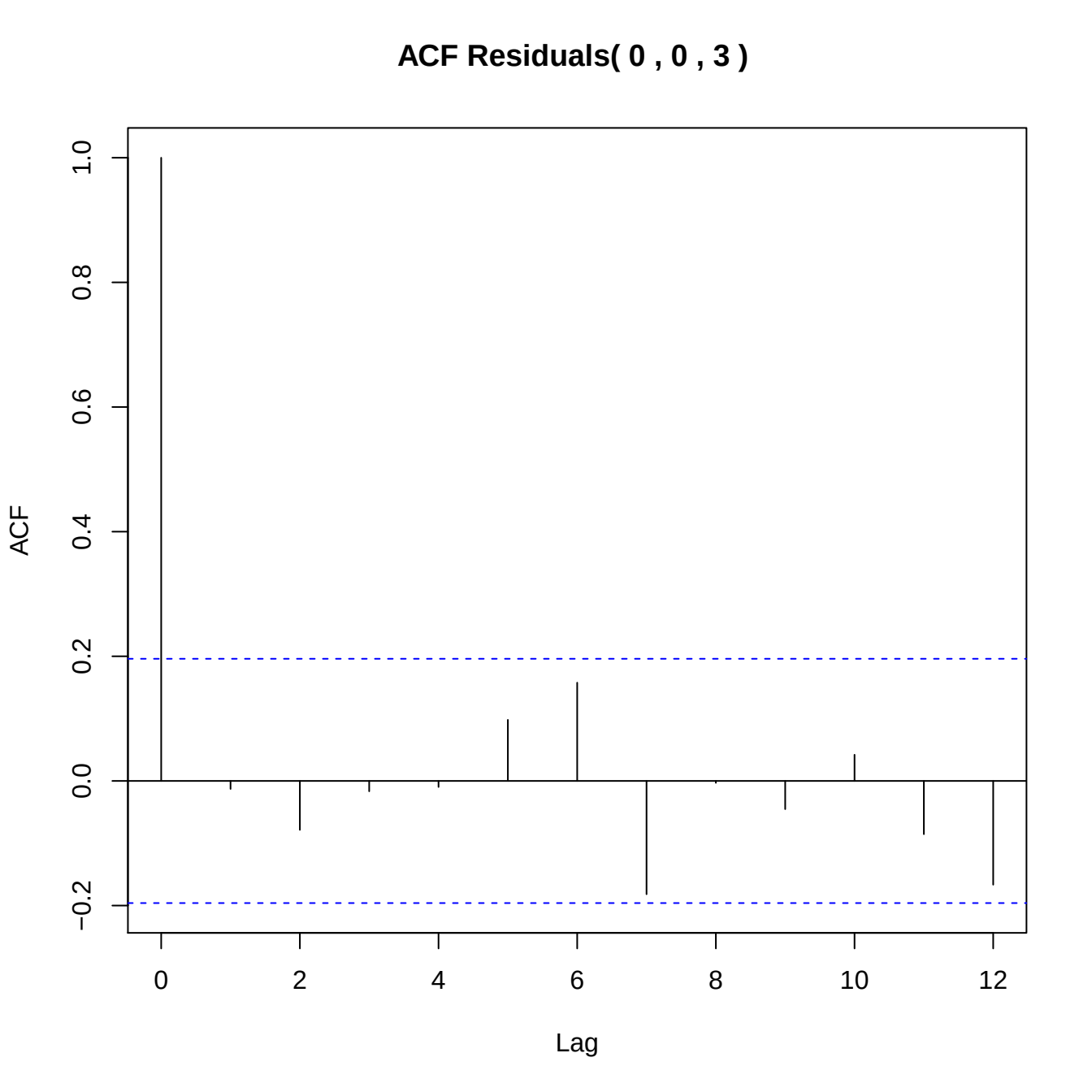

ARIMA(,0,0.41)
ARIMA(,0,0.51)
y(t)
25.3
25.2
25.1
25.0
24.9
24.8
0
20
40
60
80
100
Index

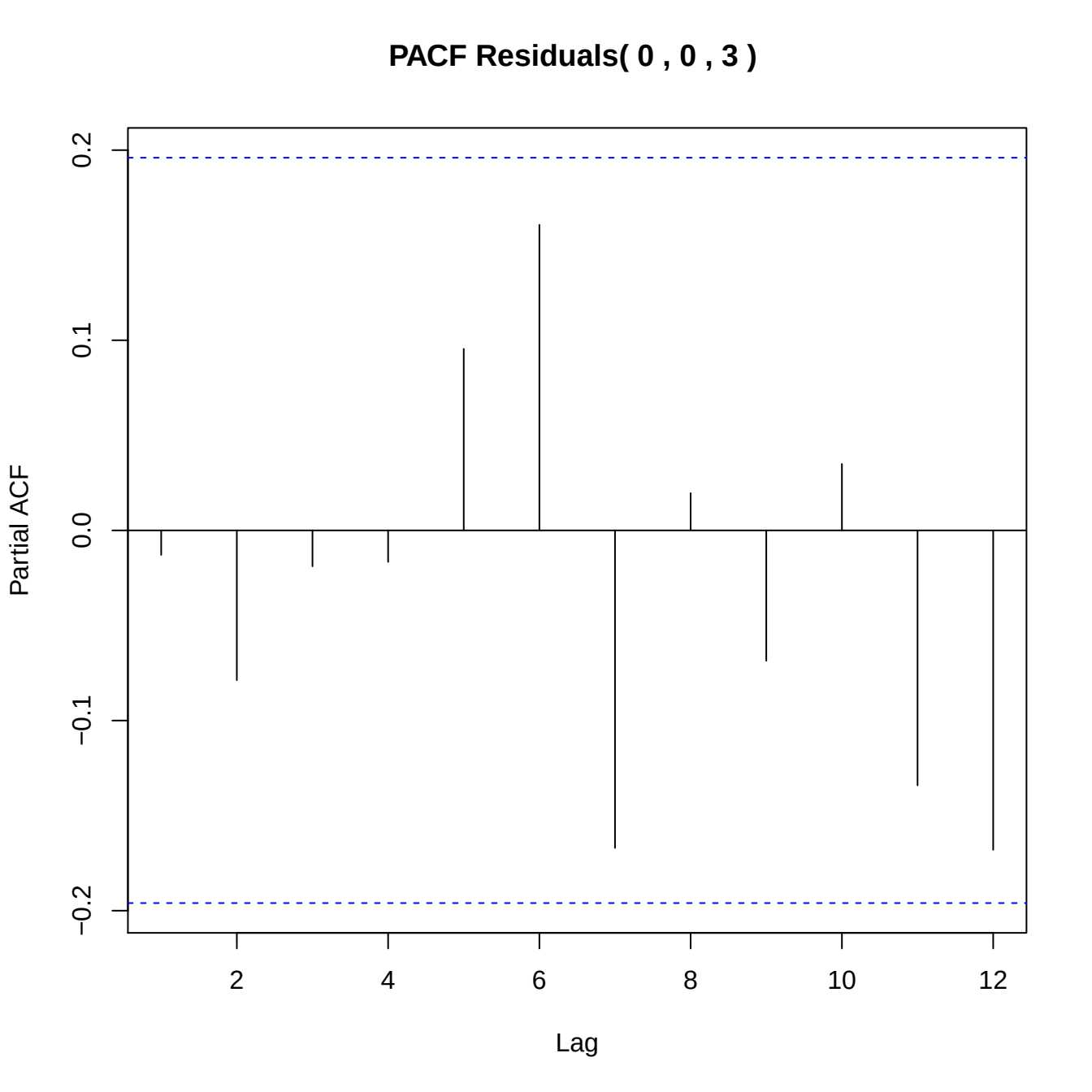

ACF y(t)
ACF
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
2
4
6
8
10
12
Lag

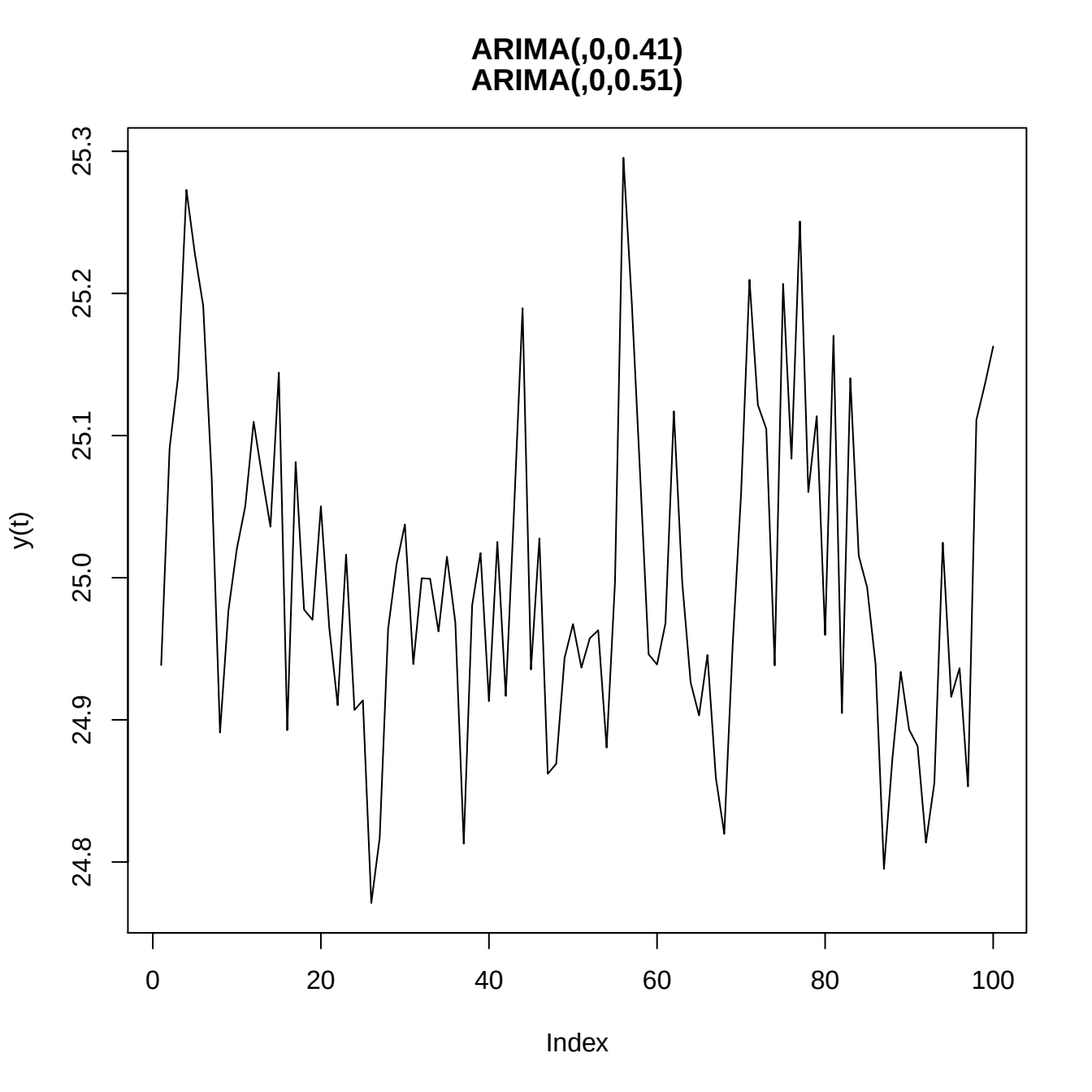

PACF y(t)
Partial ACF
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
2
4
6
8
10
12
Lag

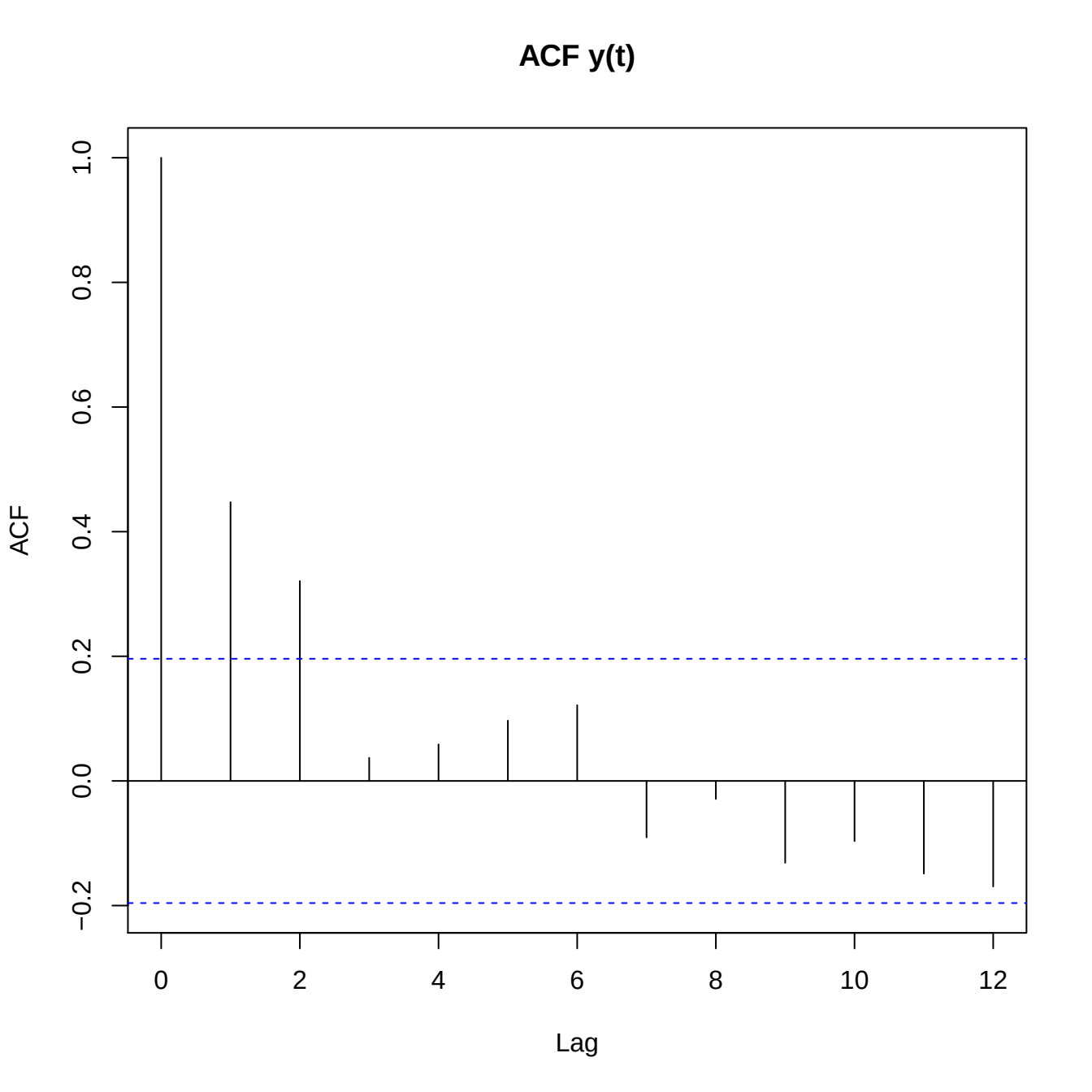

Standardized Residuals Plot
Standardized Residuals
3
2
1
0
−1
−2
0
20
40
60
80
100
Time

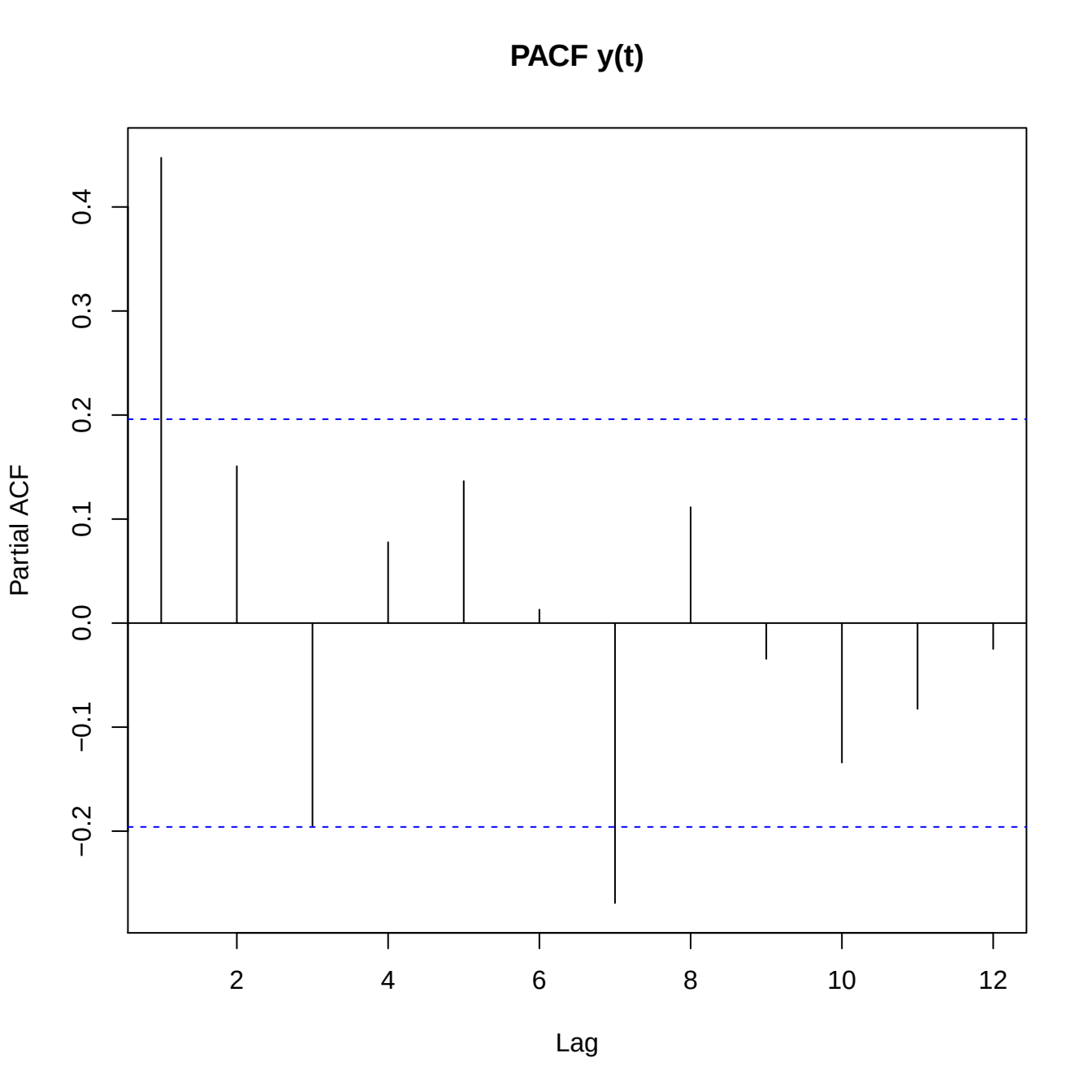

Normal Probability Plot
Sample Quantiles
Theoretical Quantiles
0.3
0.2
0.1
0.0
−0.1
−0.2
−2
−1
0
1
2

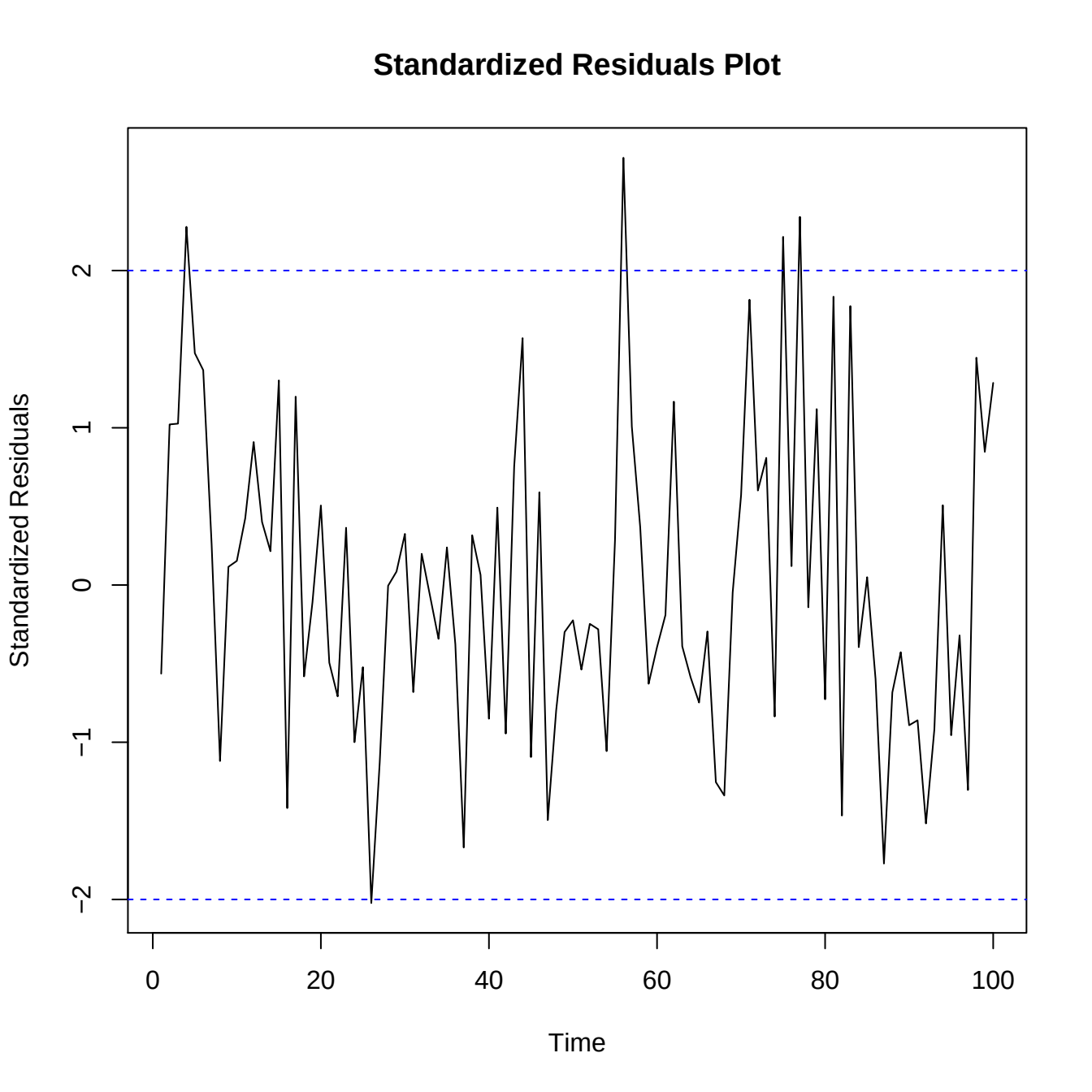

ACF Residuals(0 , 0 , 3)
ACF
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
2
4
6
8
10
12
Lag

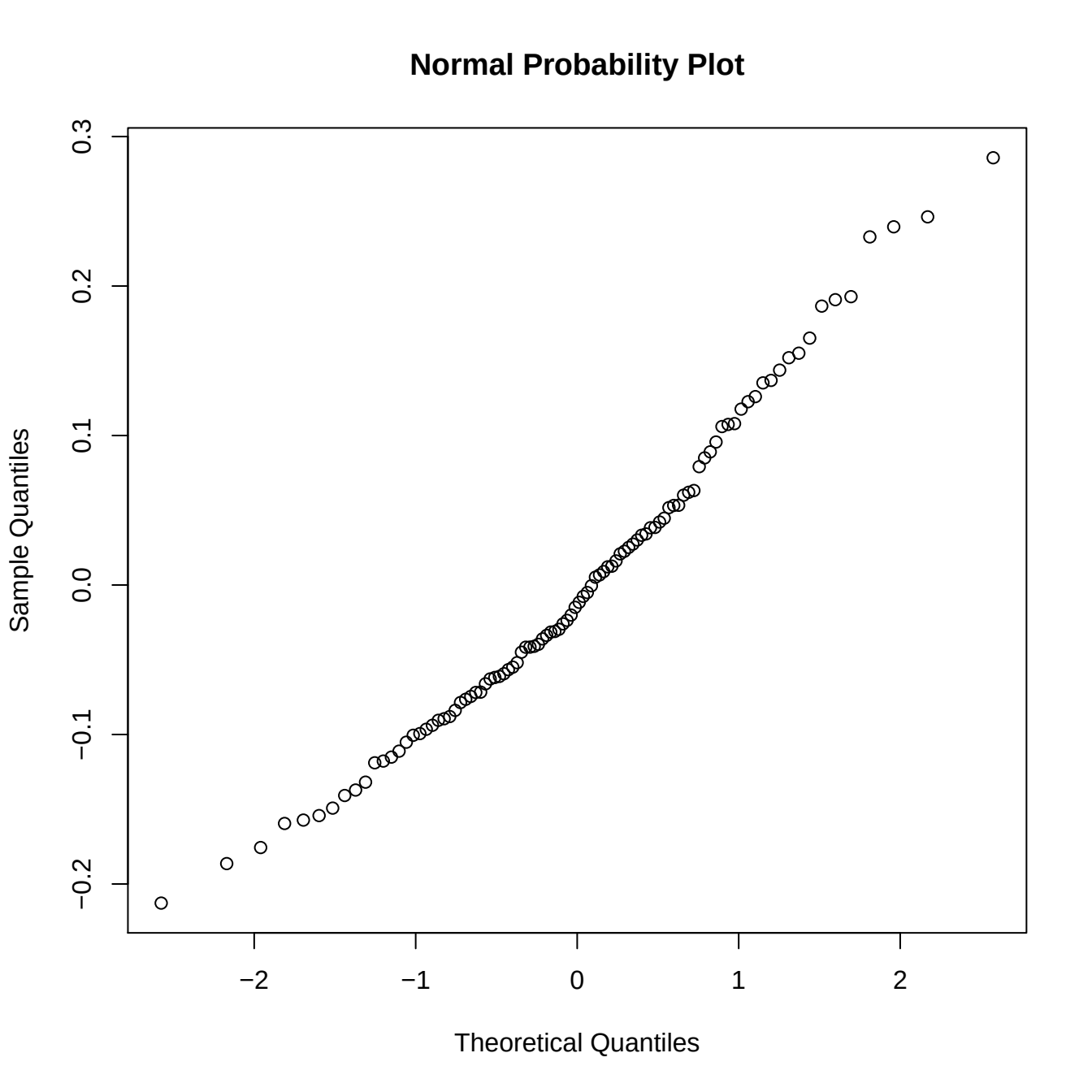

PACF Residuals(0 , 0 , 3)
Partial ACF
0.2
0.1
0.0
−0.1
−0.2
2
4
6
8
10
12
Lag

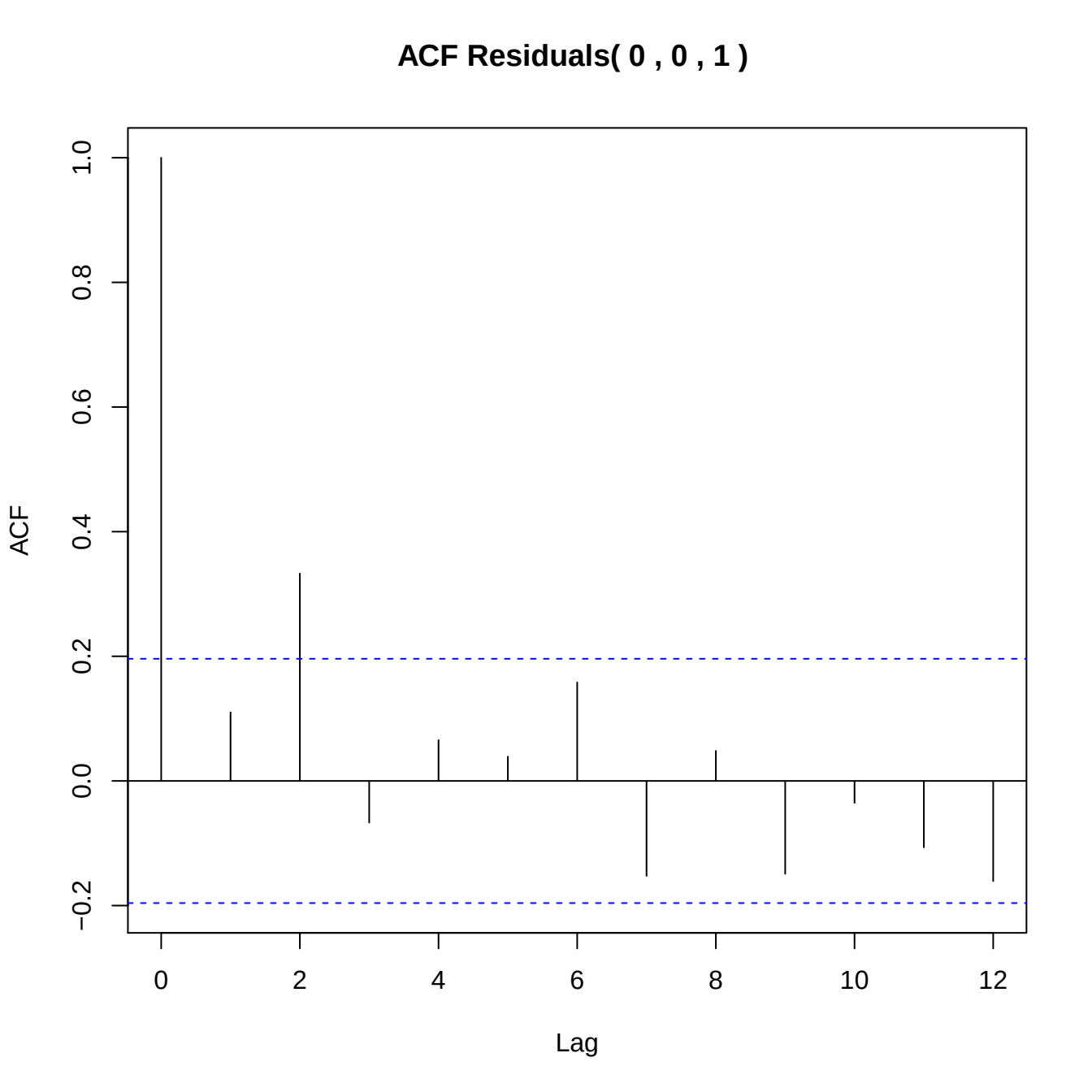

ARIMA(,0,0.41)
ARIMA(,0,0.51)
y(t)
25.3
25.2
25.1
25.0
24.9
24.8
0
20
40
60
80
100
Index

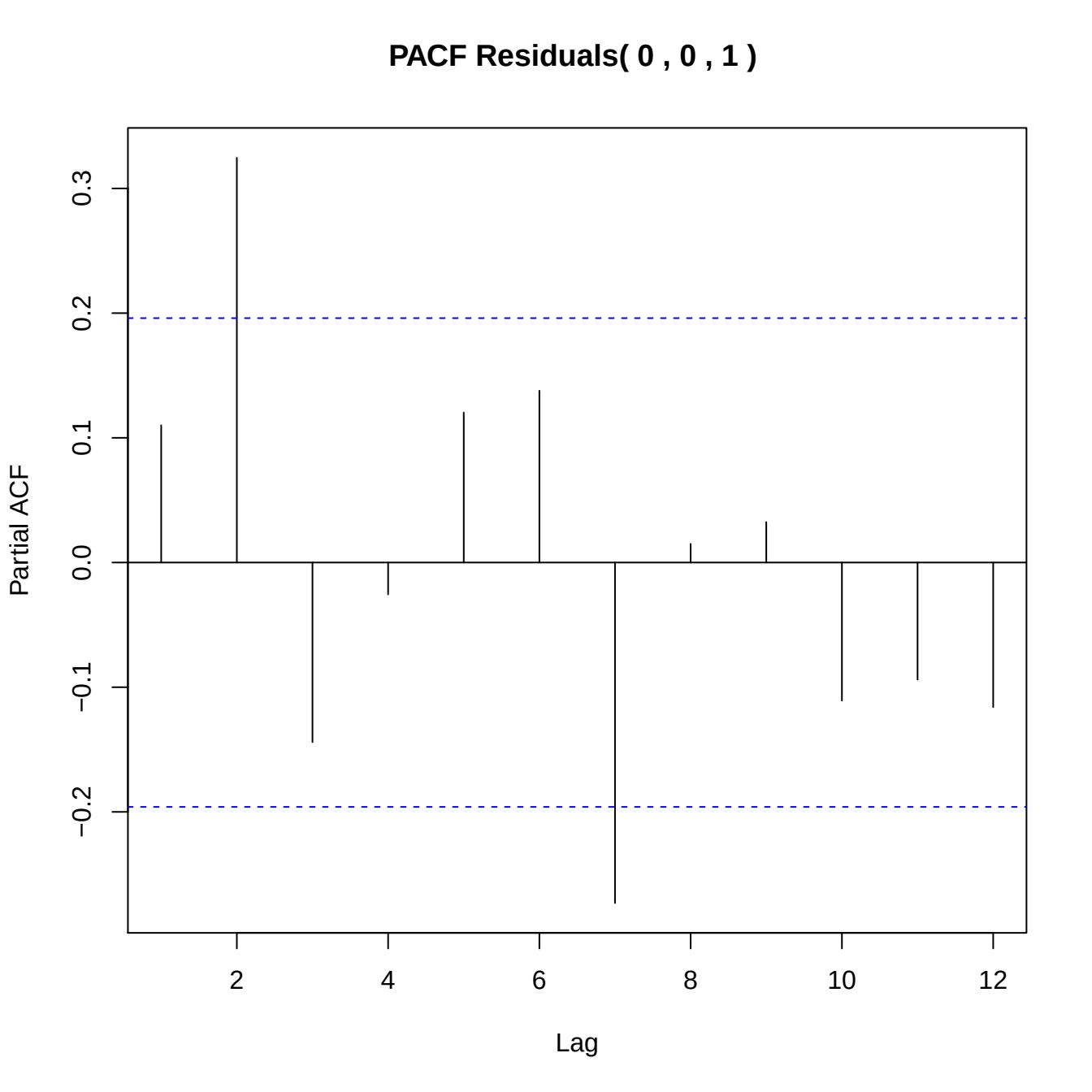

ACF y(t)
ACF
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
2
4
6
8
10
12
Lag

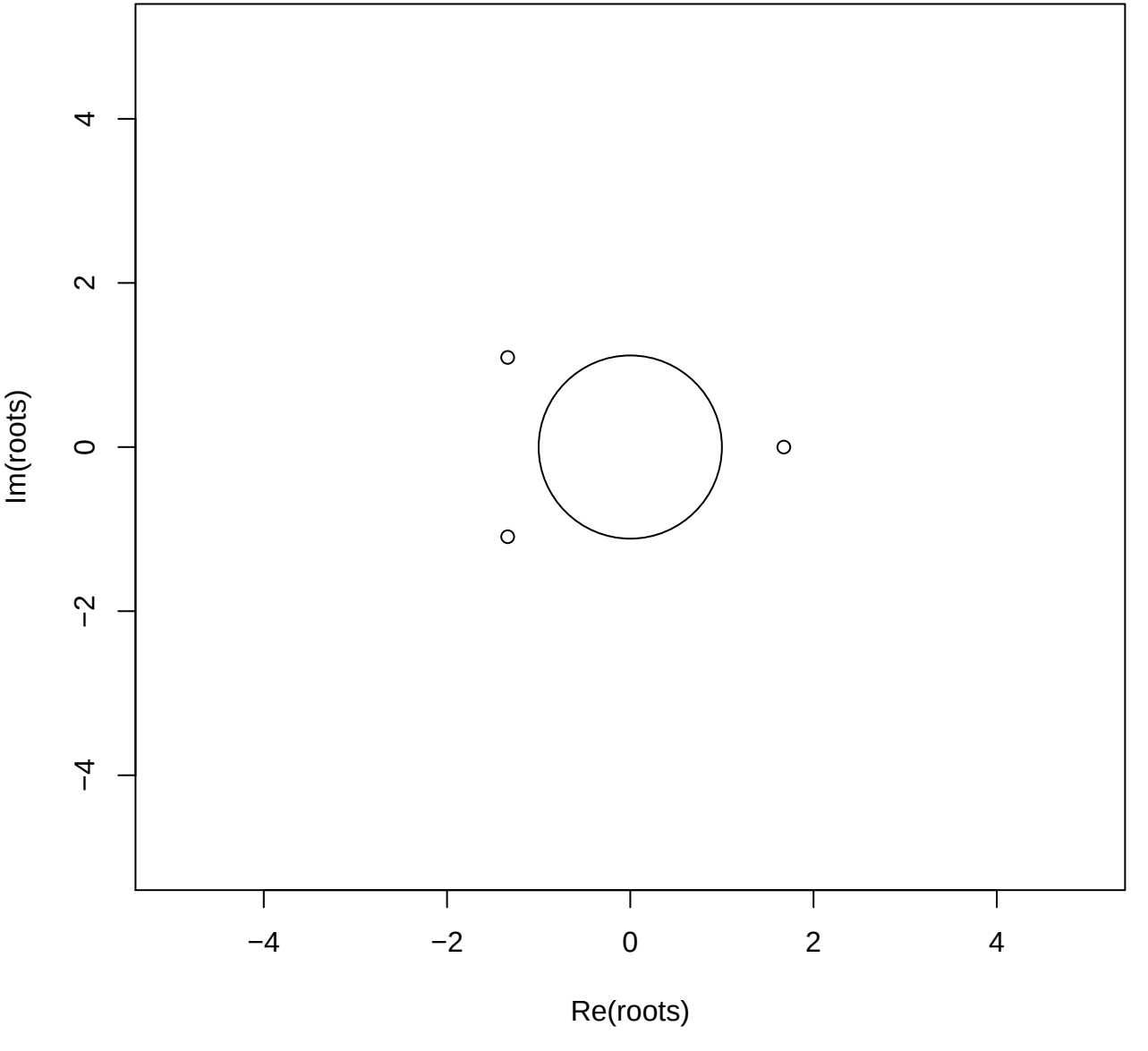

PACF y(t)
Partial ACF
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
2
4
6
8
10
12
Lag

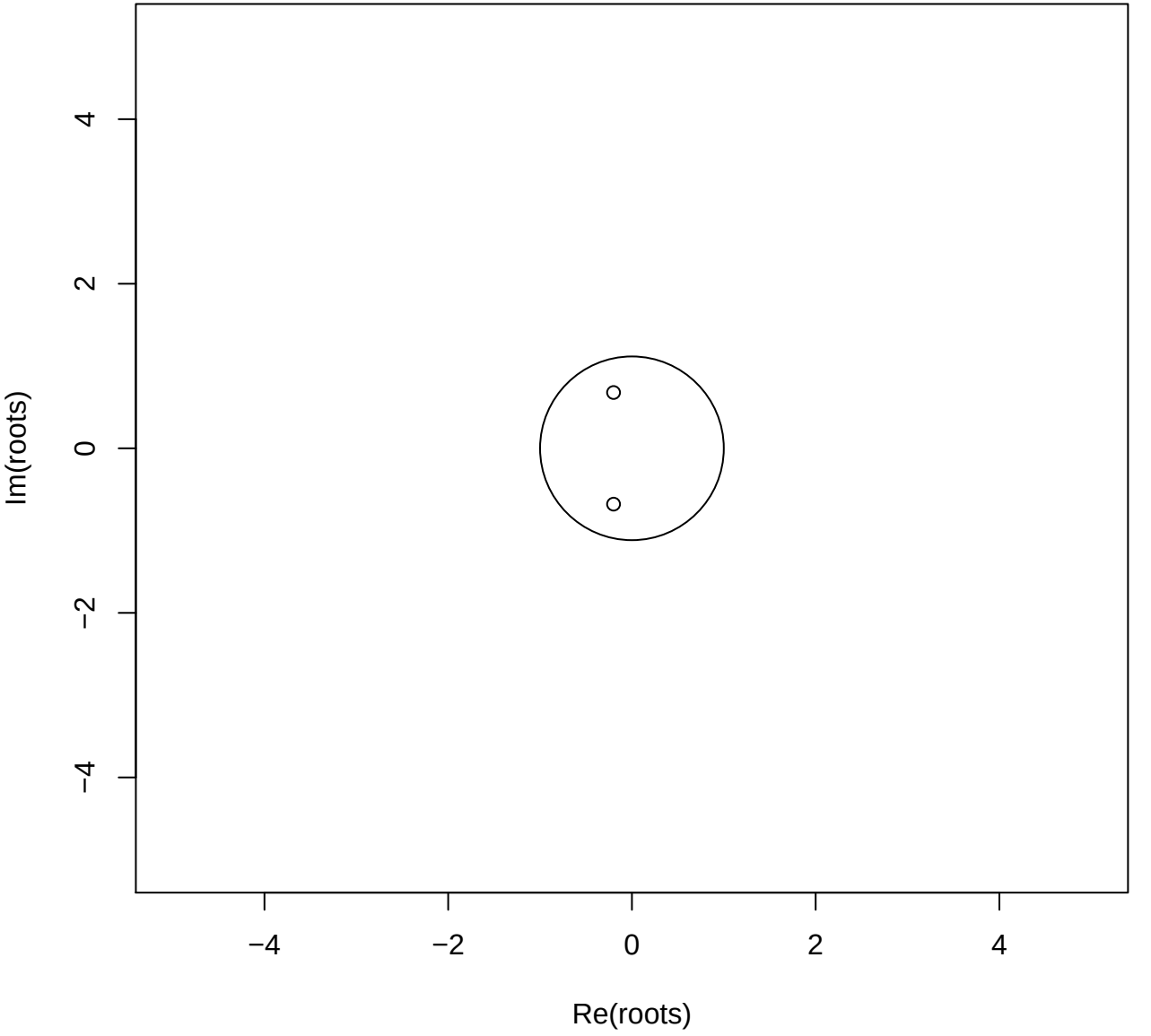

Standardized Residuals Plot
Standardized Residuals
Time
2
1
0
−1
−2
0
20
40
60
80
100

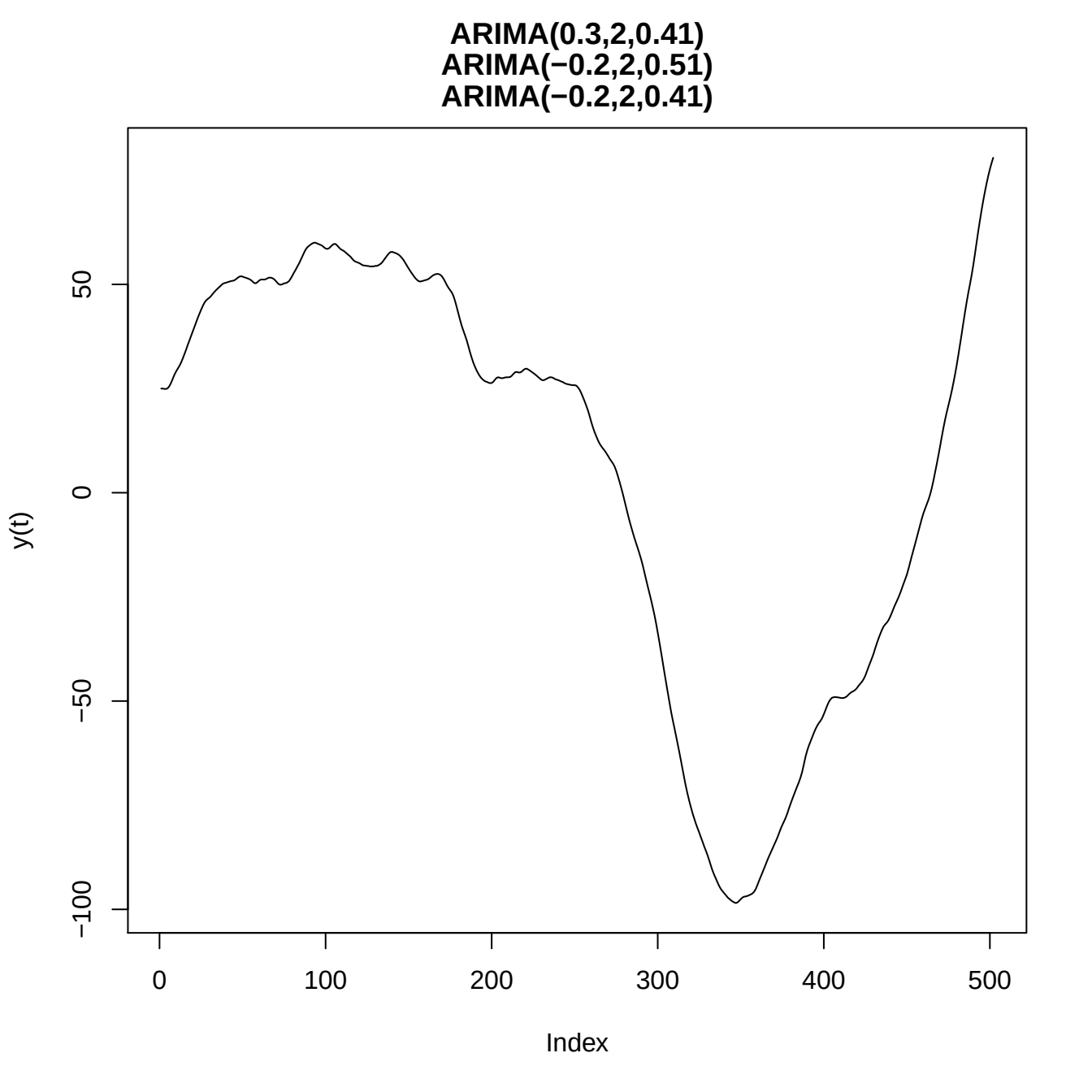

Normal Probability Plot
Sample Quantiles
Theoretical Quantiles
0.3
0.2
0.1
0.0
−0.1
−0.2
−2
−1
0
1
2

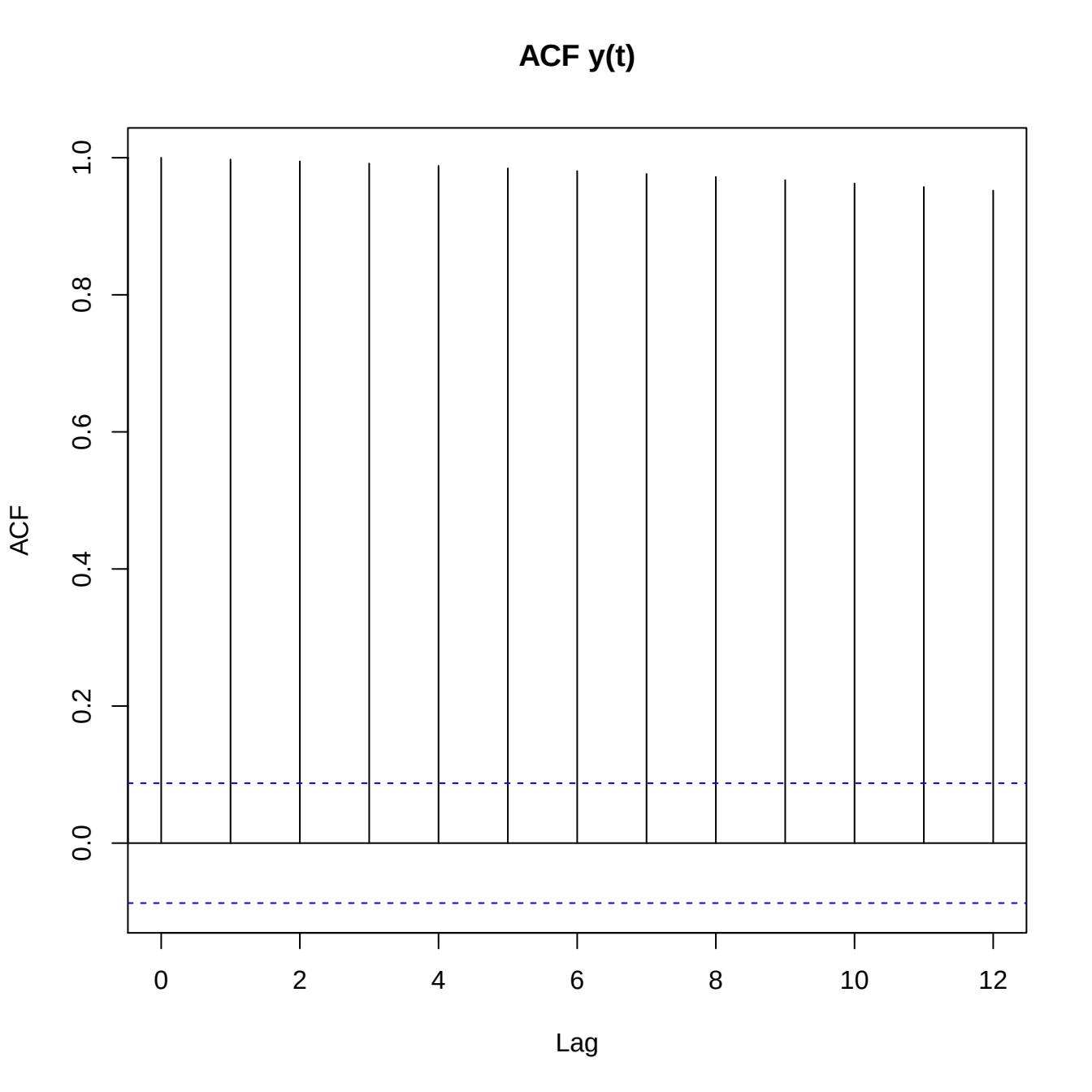

ACF Residuals(0 , 0 , 1)
ACF
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
2
4
6
8
10
12
Lag

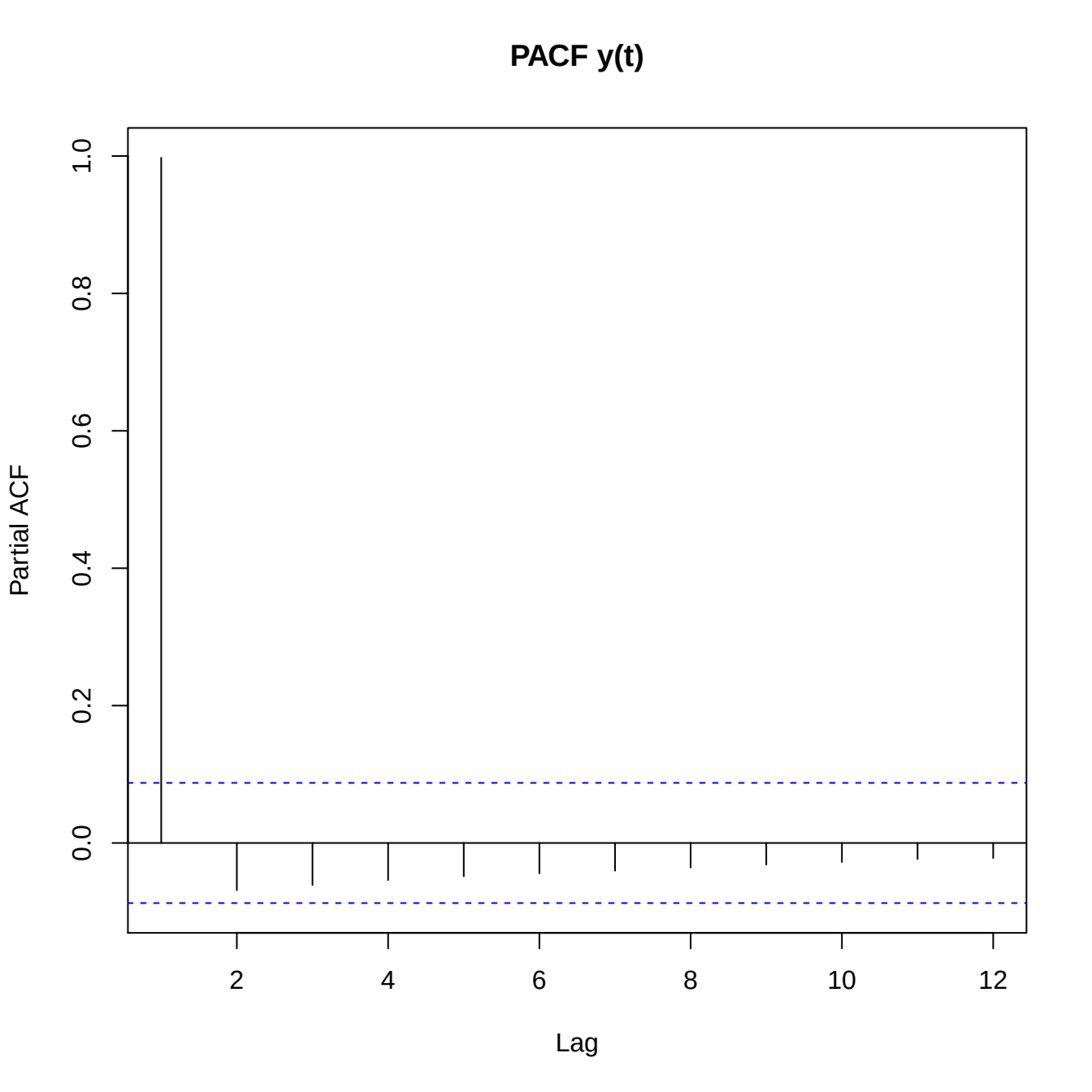

PACF Residuals(0 , 0 , 1)
Partial ACF
0.3
0.2
0.1
0.0
−0.1
−0.2
2
4
6
8
10
12
Lag

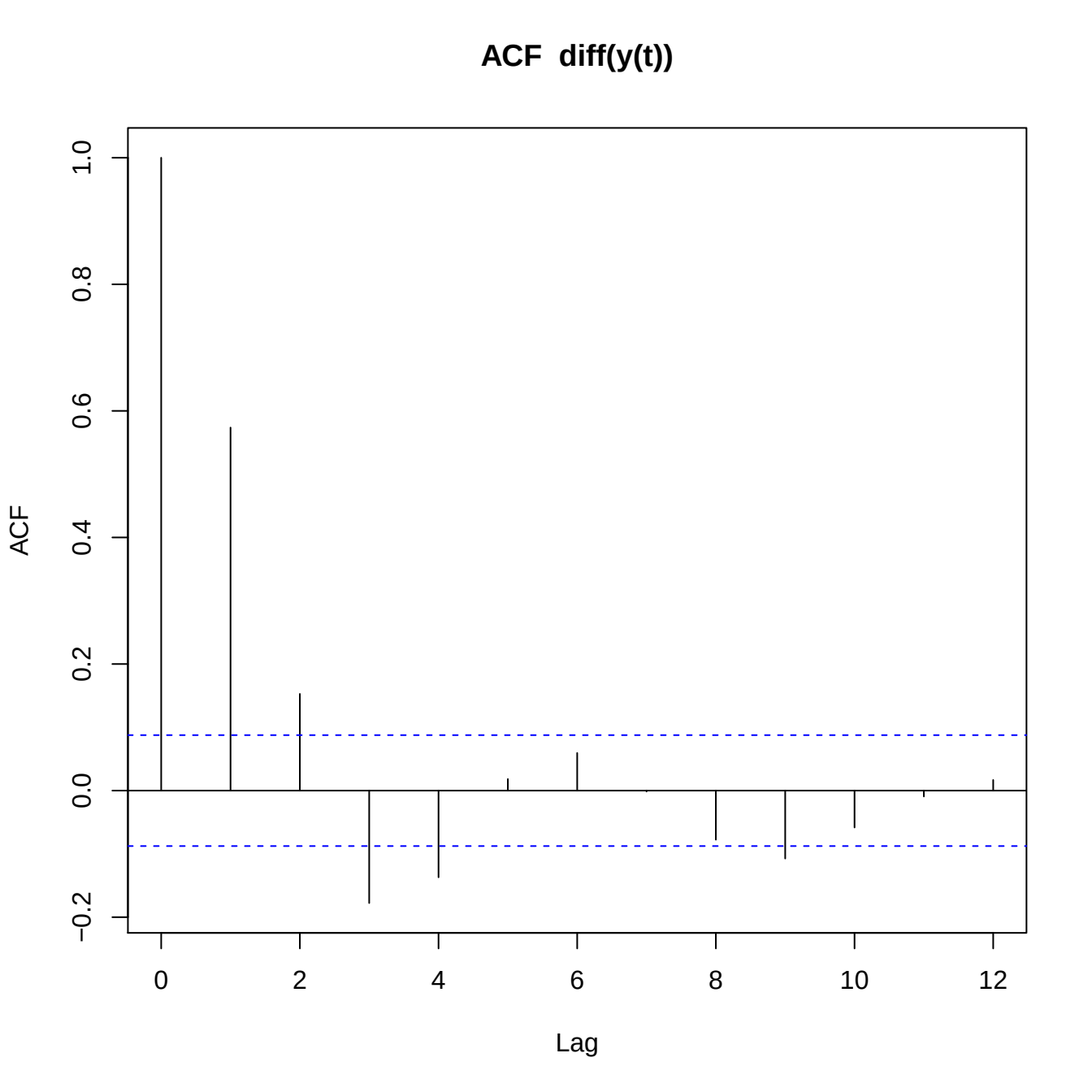

Im(roots)
4
2
0
−2
−4
−4
−2
0
2
4
Re(roots)

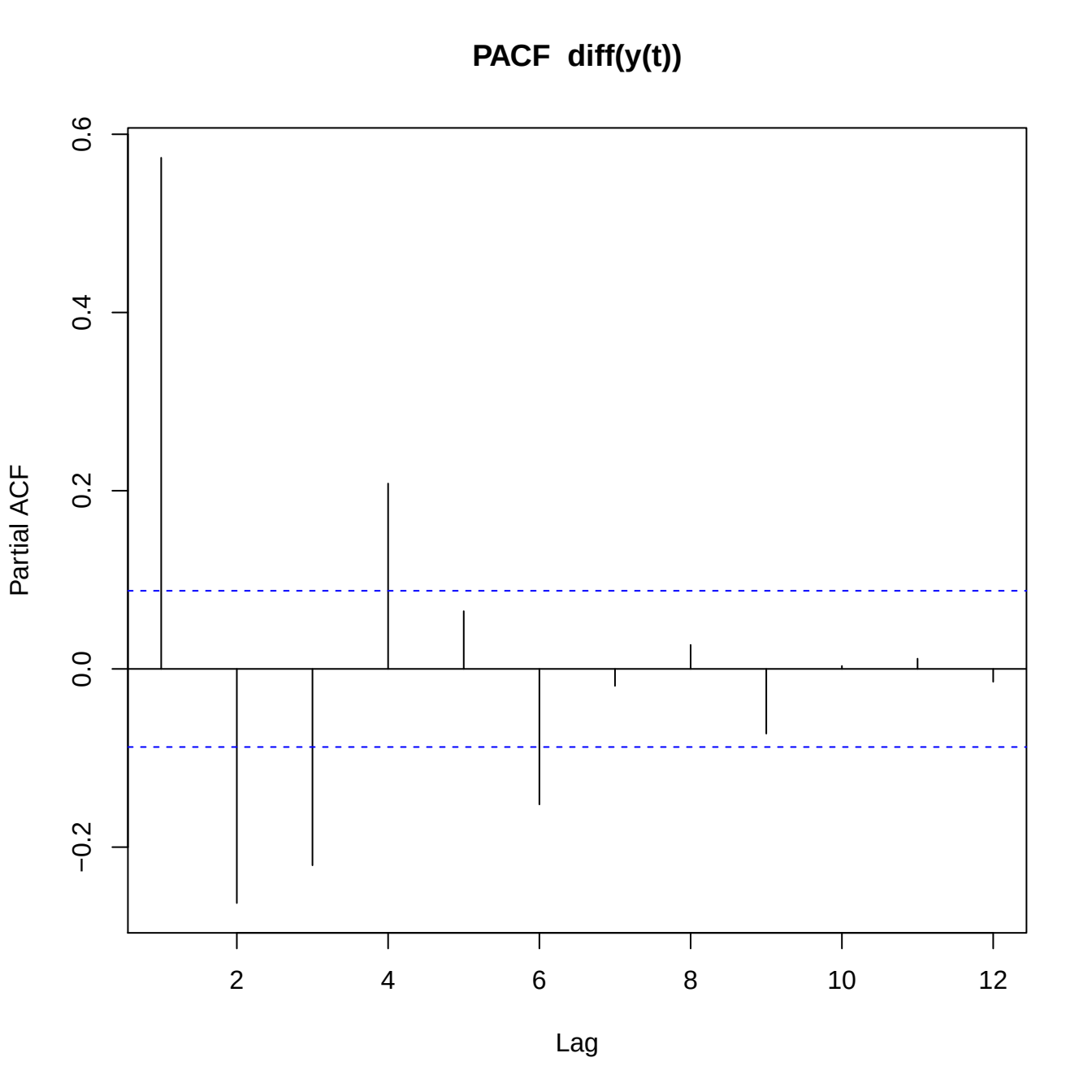

Im(roots)
4
2
0
−2
−4
−4
−2
0
2
4
Re(roots)

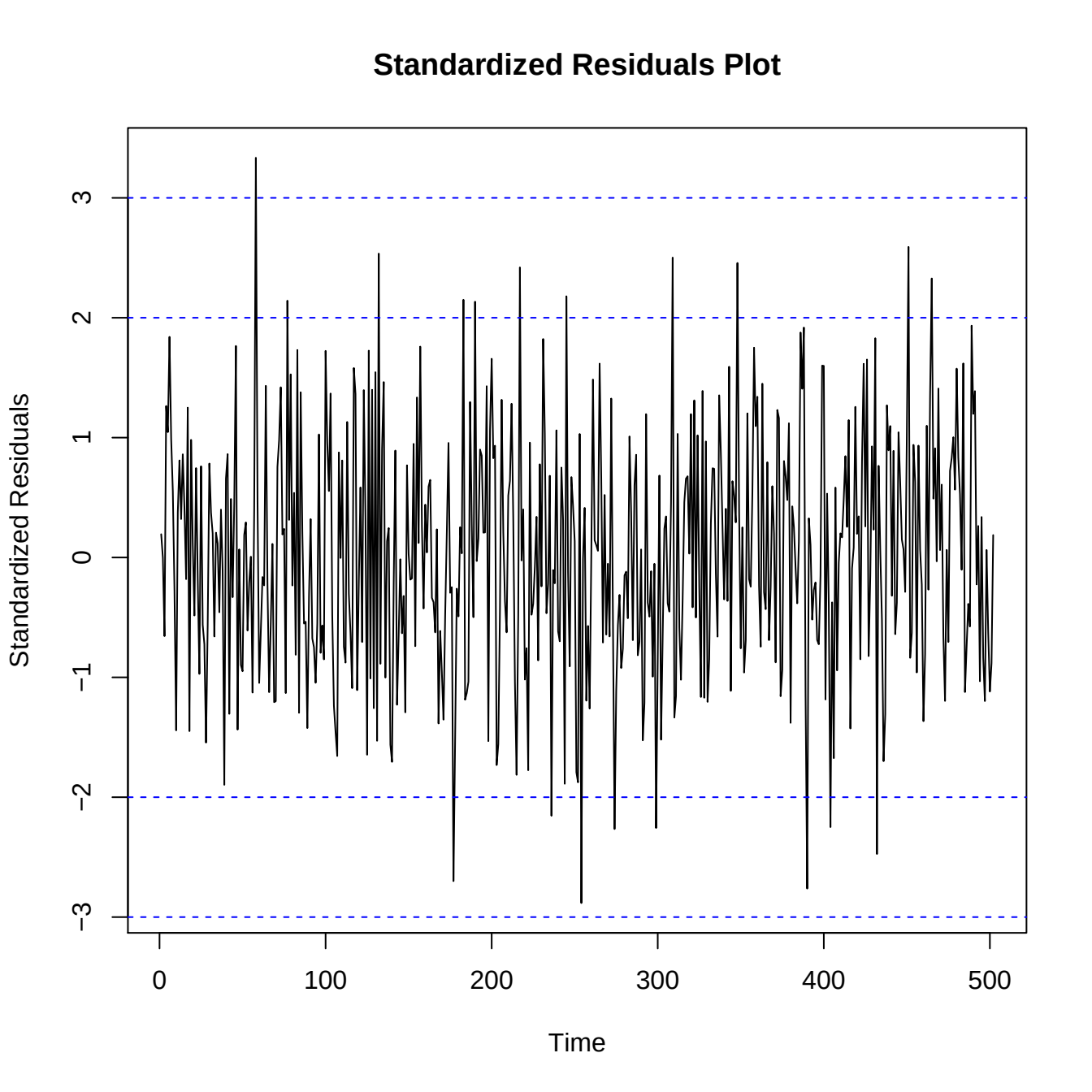

ARIMA(0.3,2,0.41)
ARIMA(−0.2,2,0.51)
ARIMA(−0.2,2,0.41)
y(t)
50
0
−50
−100
0
100
200
300
400
500
Index

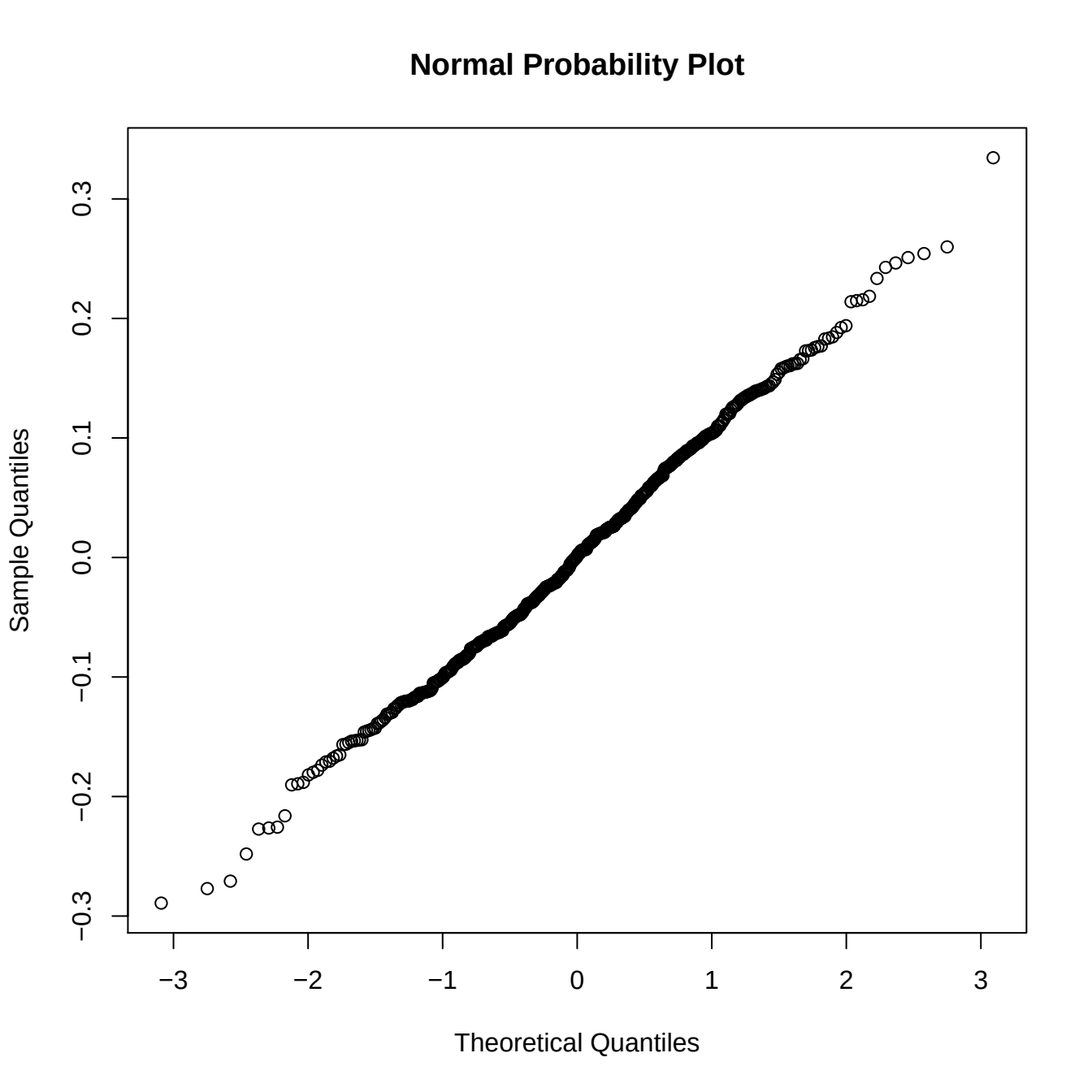

ACF y(t)
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
2
4
6
8
10
12
Lag

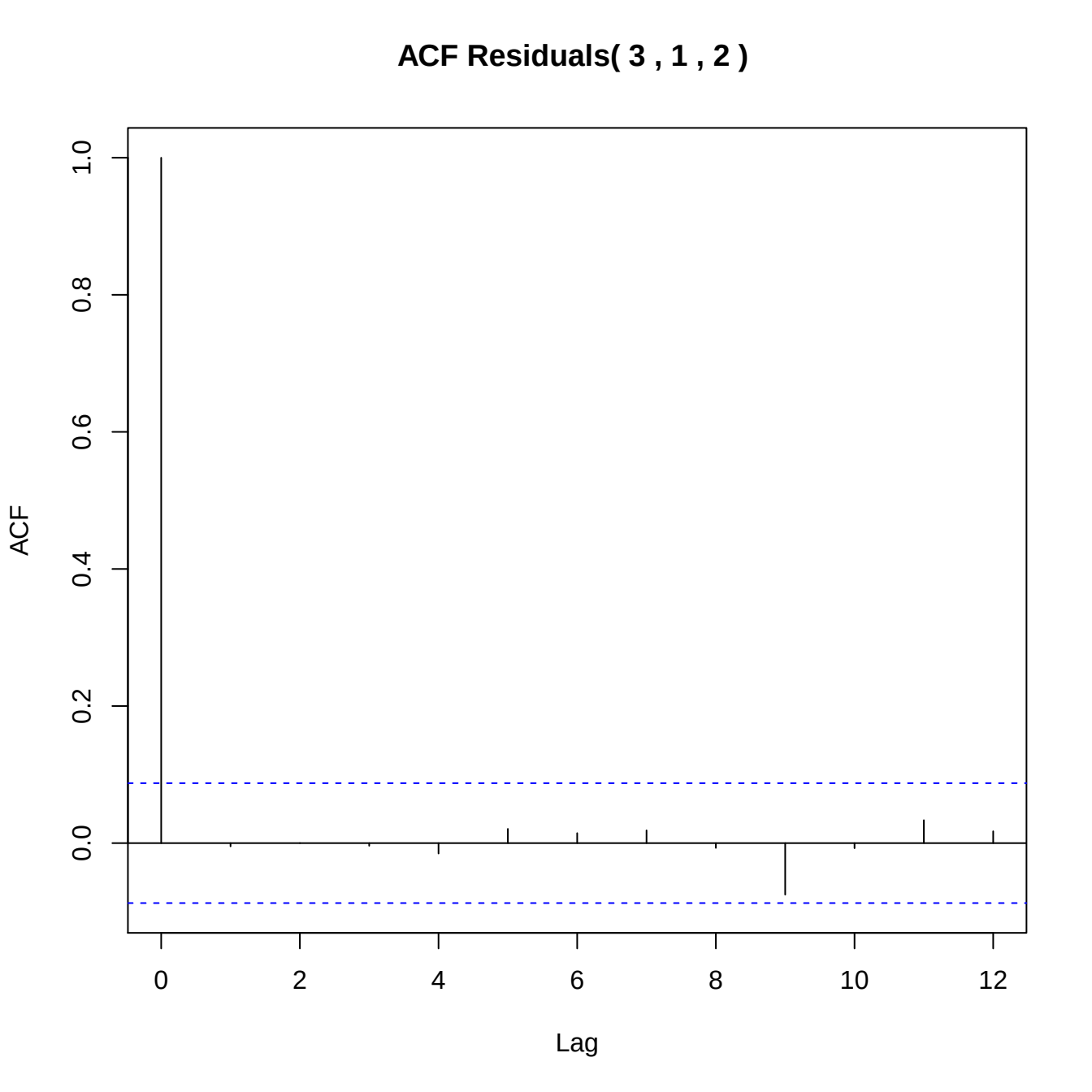

PACF y(t)
Partial ACF
1.0
0.8
0.6
0.4
0.2
0.0
2
4
6
8
10
12
Lag

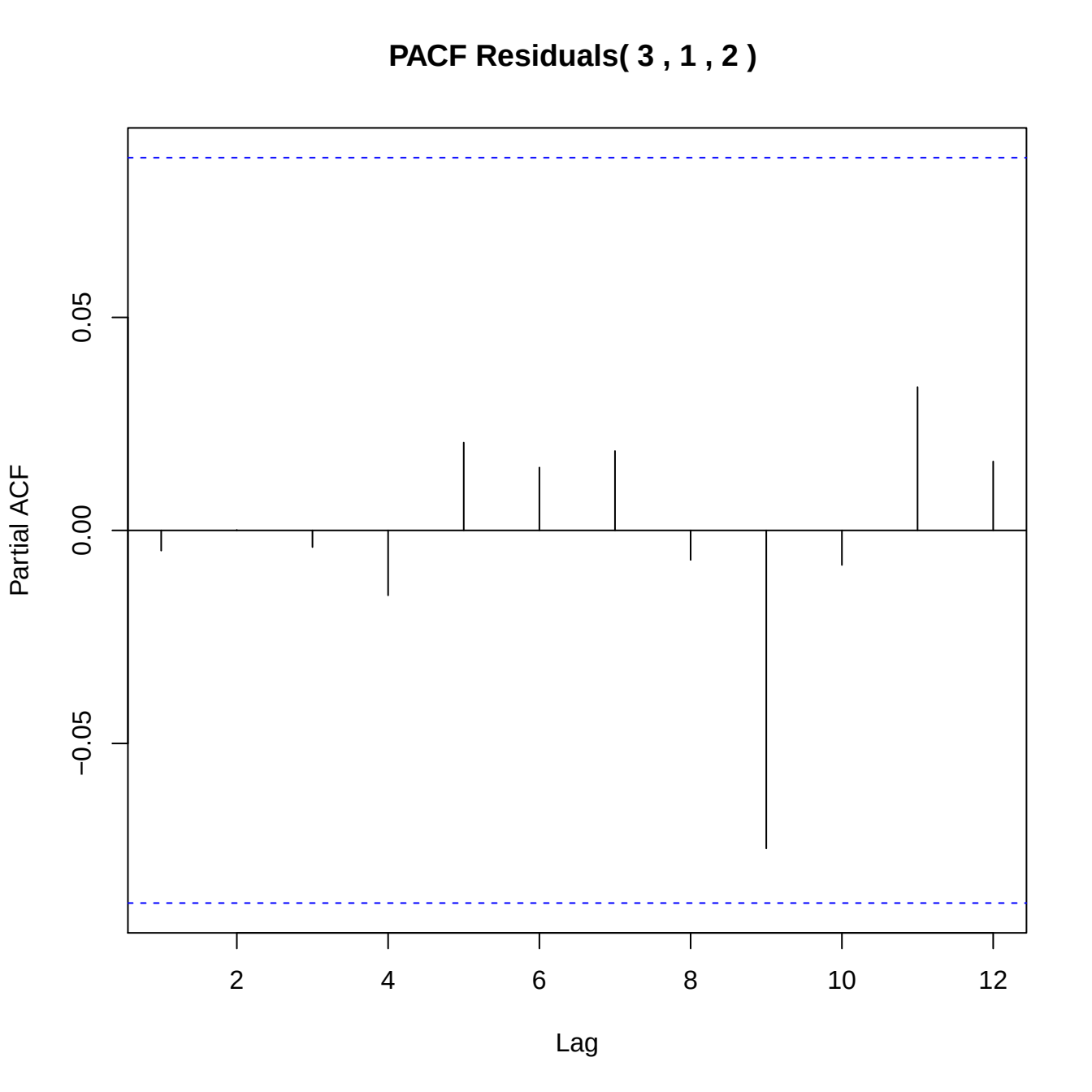

ACF diff(y(t))
ACF
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
2
4
6
8
10
12
Lag

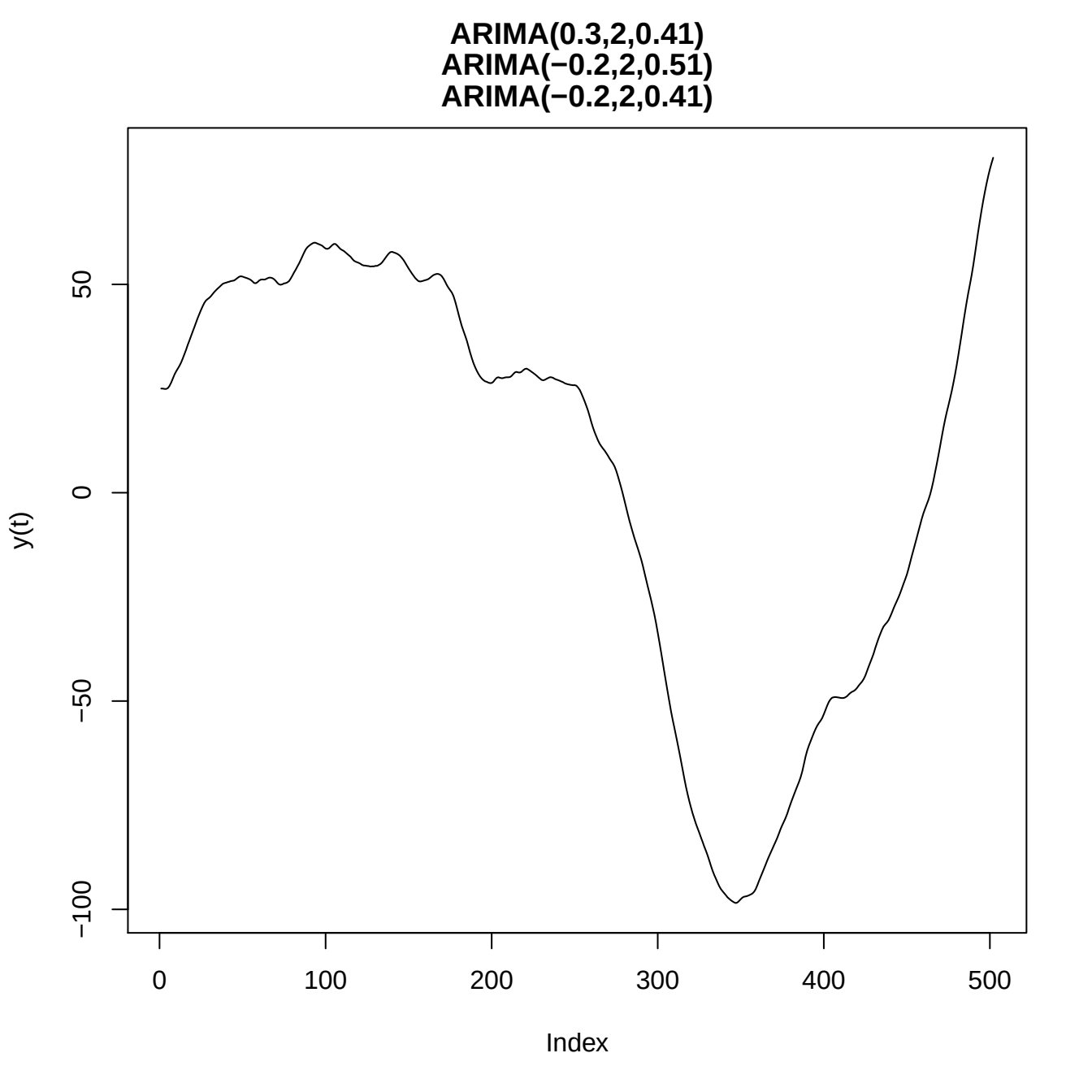

PACF diff(y(t))
Partial ACF
0.6
0.4
0.2
0.0
−0.2
2
4
6
8
10
12
Lag

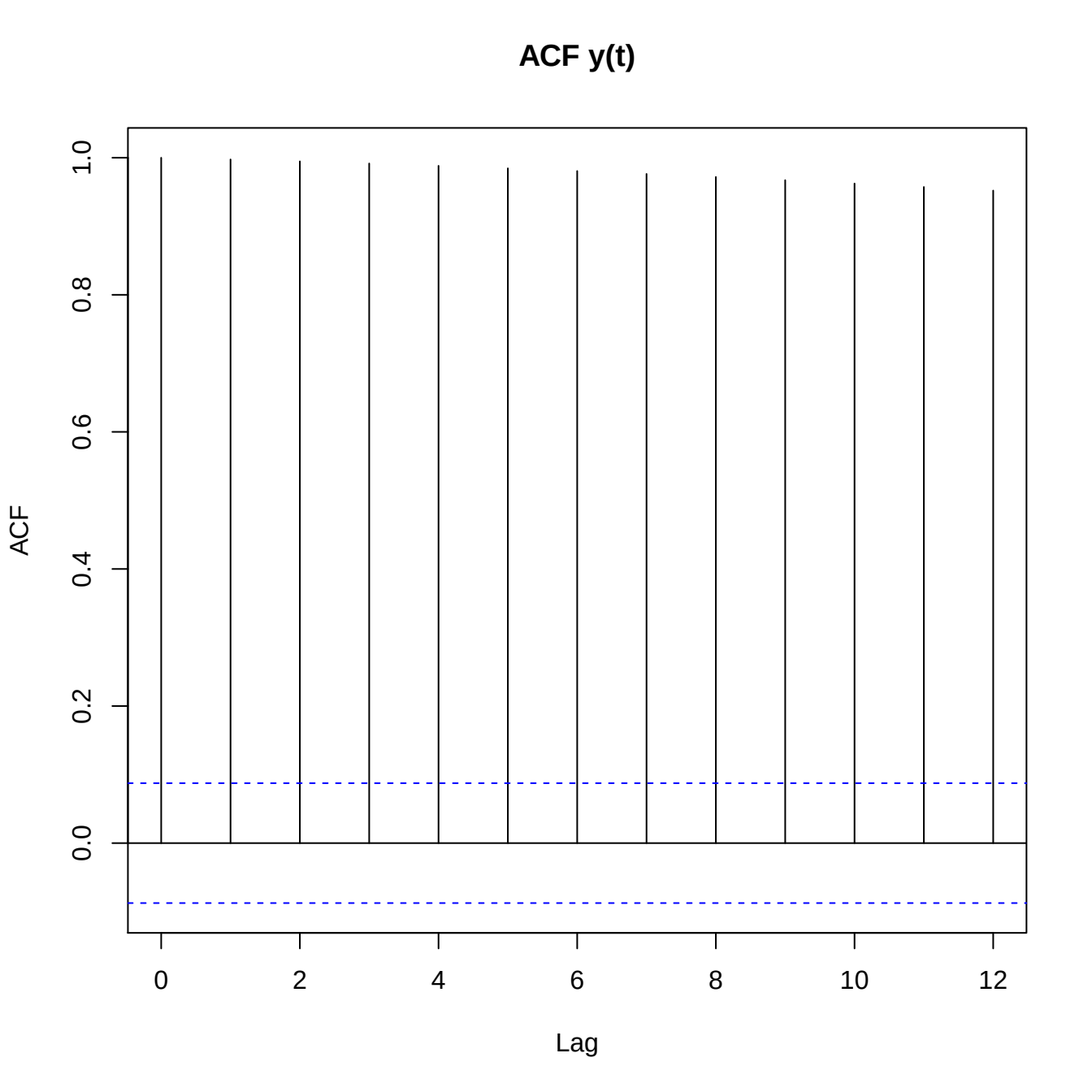

Standardized Residuals Plot
Standardized Residuals
3
2
1
0
−1
−2
−3
0
100
200
300
400
500
Time

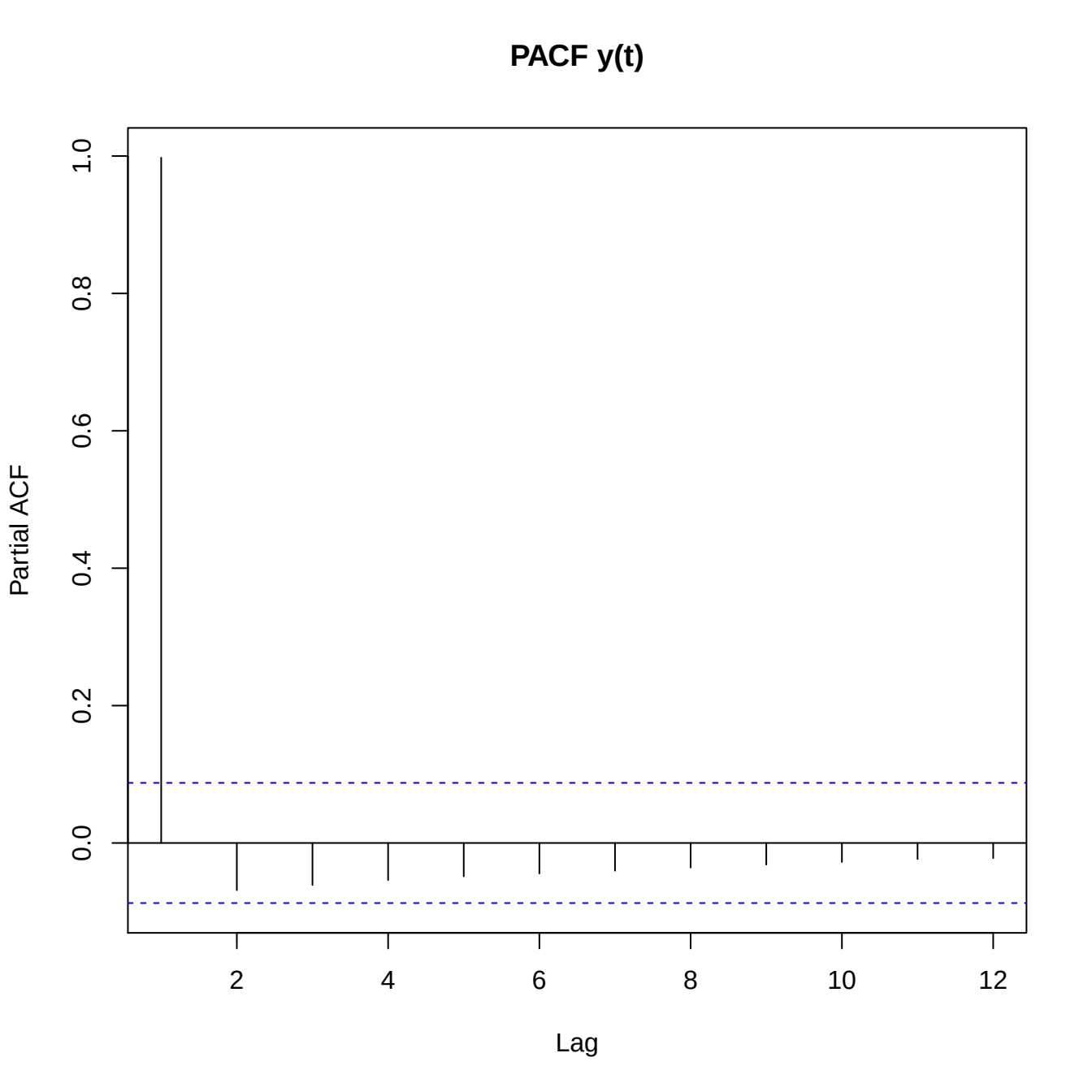

Normal Probability Plot
Sample Quantiles
Theoretical Quantiles
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
−3
−2
−1
0
1
2
3

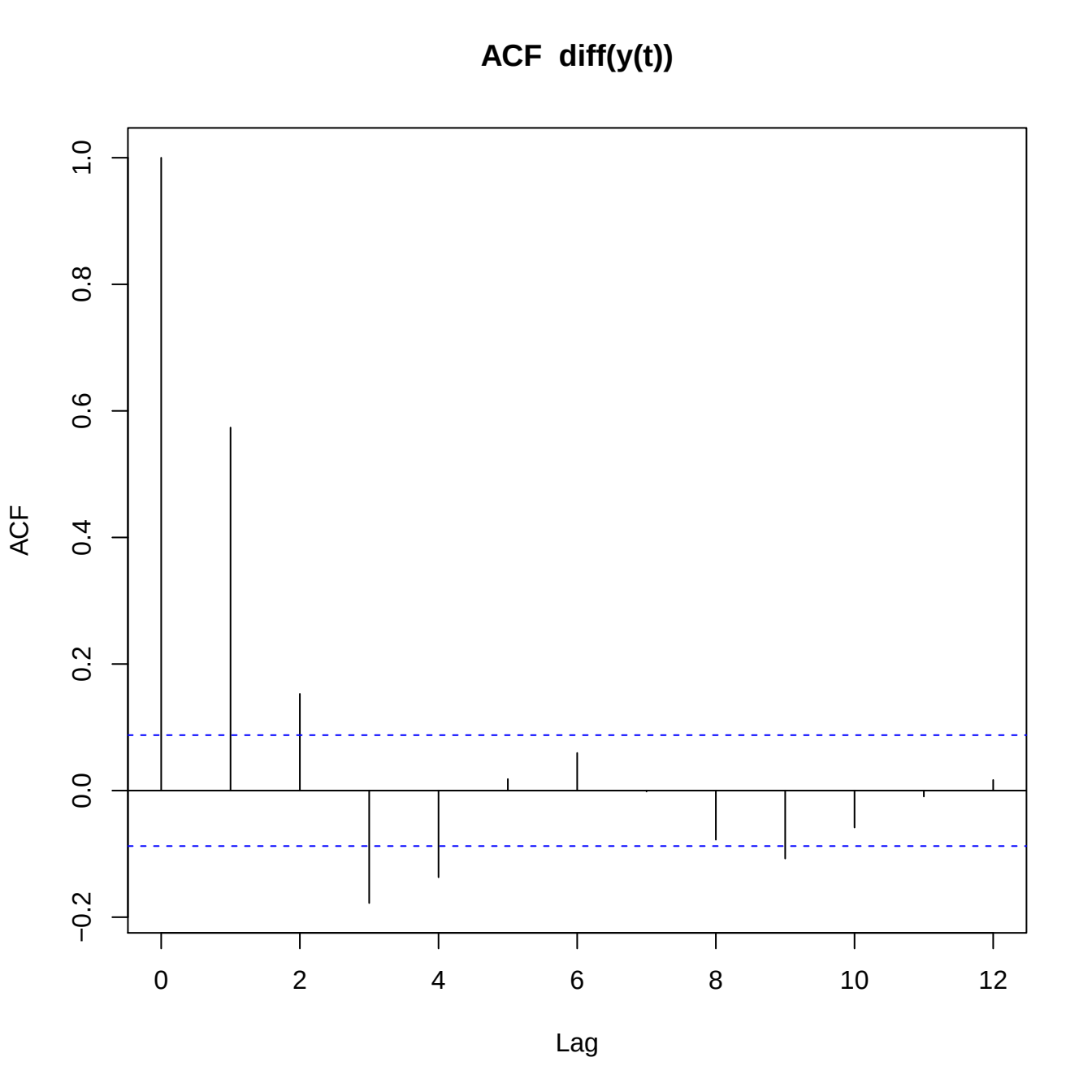

ACF Residuals(3 , 1 , 2)
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
2
4
6
8
10
12
Lag

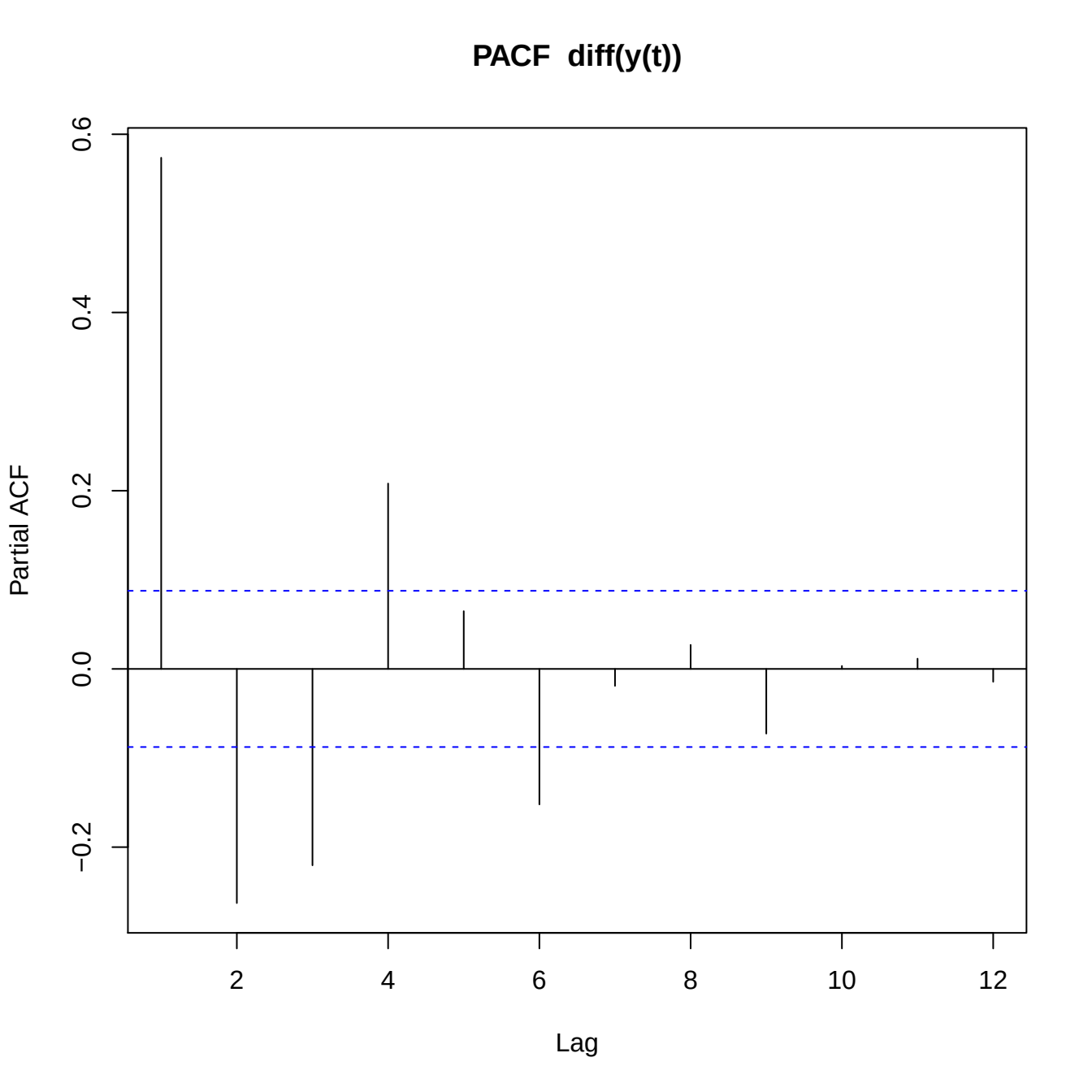

PACF Residuals(3 , 1 , 2)
Partial ACF
0.05
0.00
−0.05
2
4
6
8
10
12
Lag

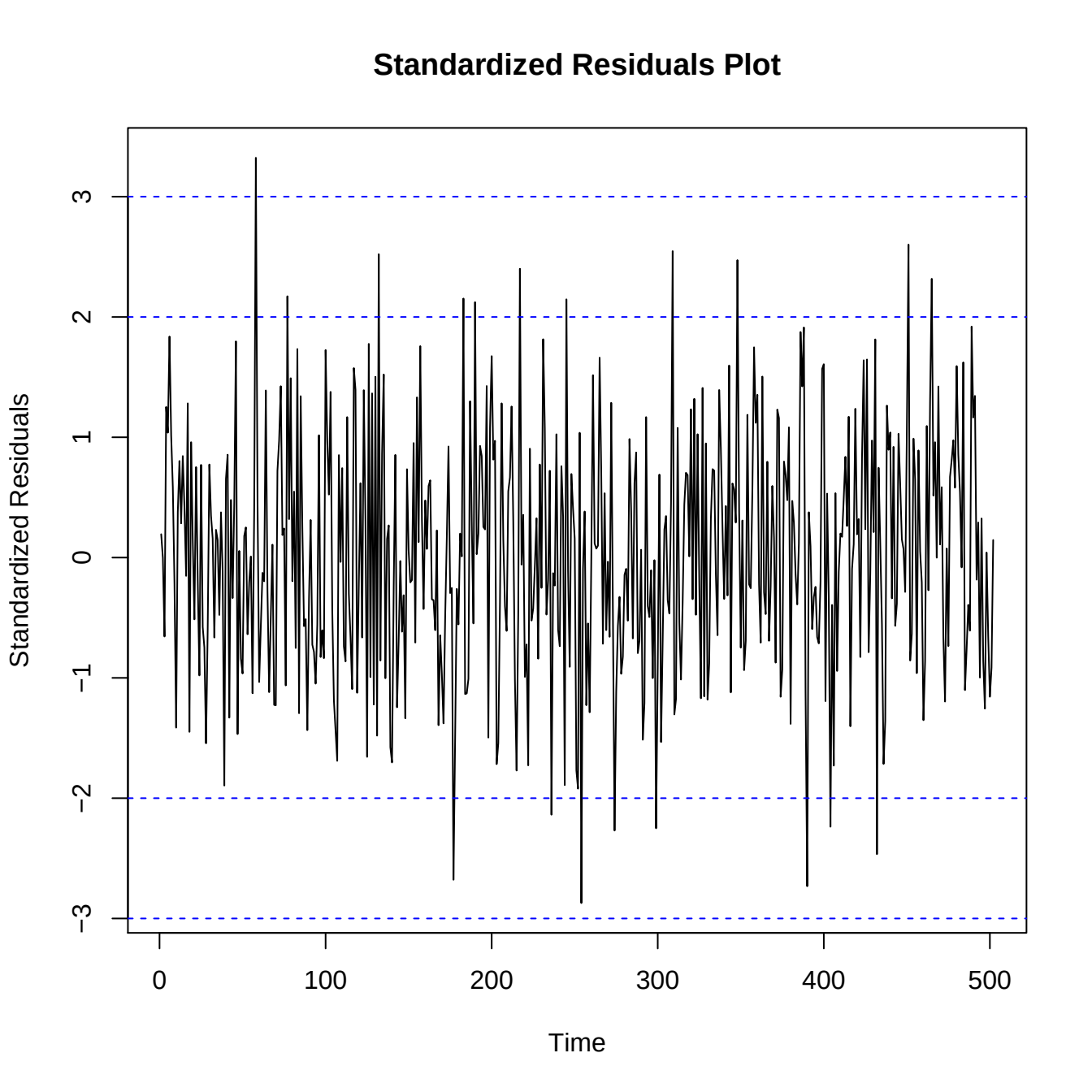

ARIMA(0.3,2,0.41)
ARIMA(−0.2,2,0.51)
ARIMA(−0.2,2,0.41)
y(t)
50
0
−50
−100
0
100
200
300
400
500
Index

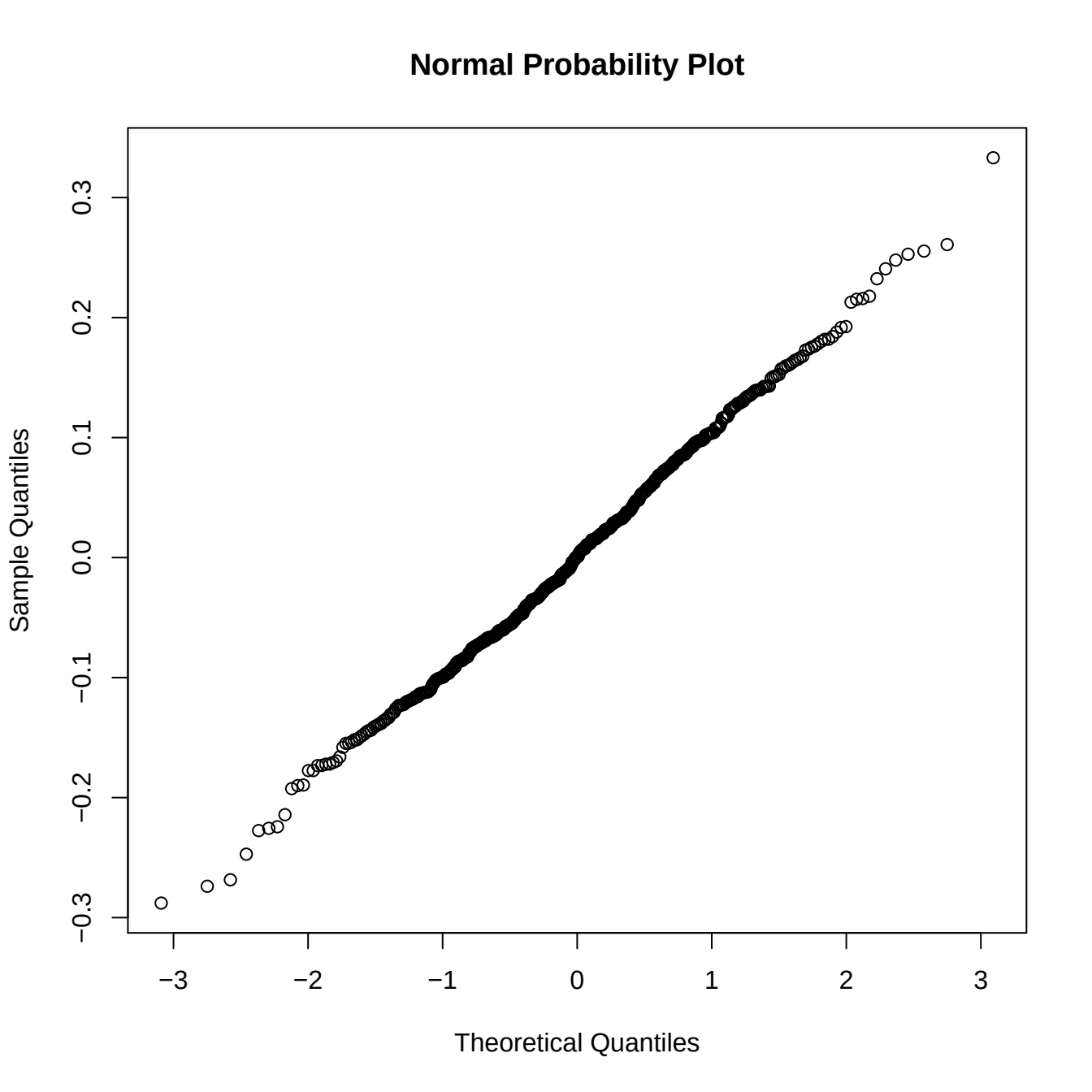

ACF y(t)
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
2
4
6
8
10
12
Lag

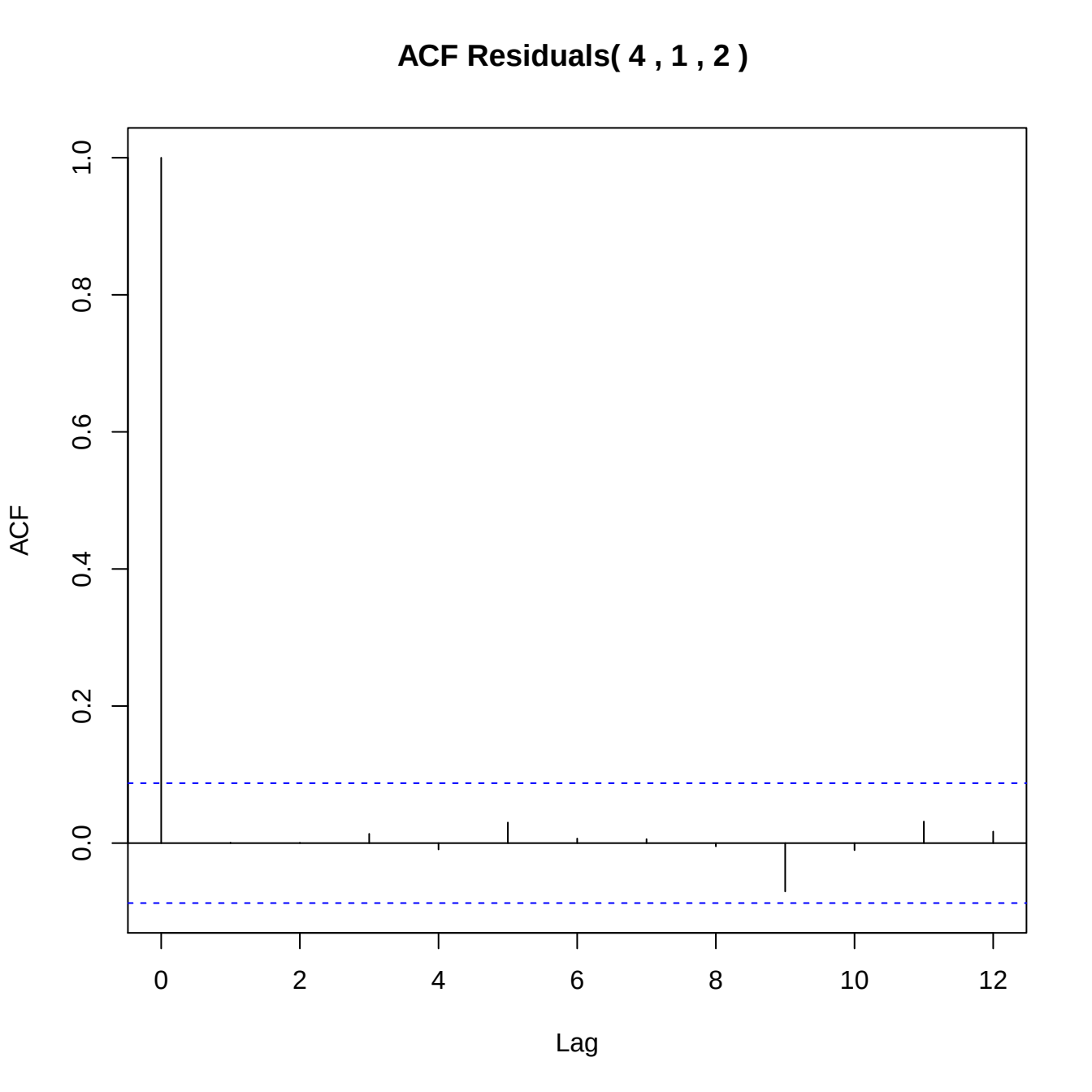

PACF y(t)
Partial ACF
1.0
0.8
0.6
0.4
0.2
0.0
2
4
6
8
10
12
Lag

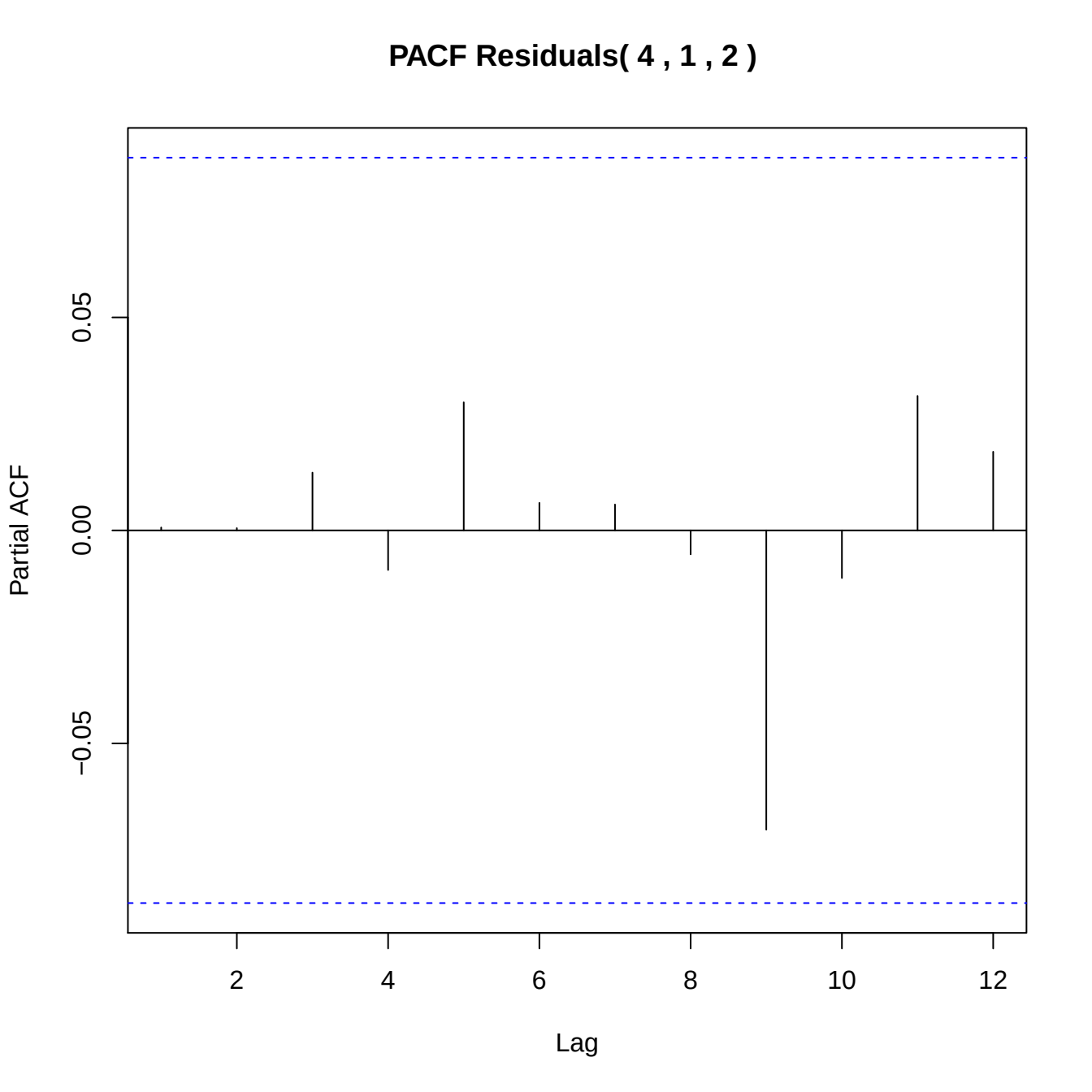

ACF diff(y(t))
ACF
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
2
4
6
8
10
12
Lag

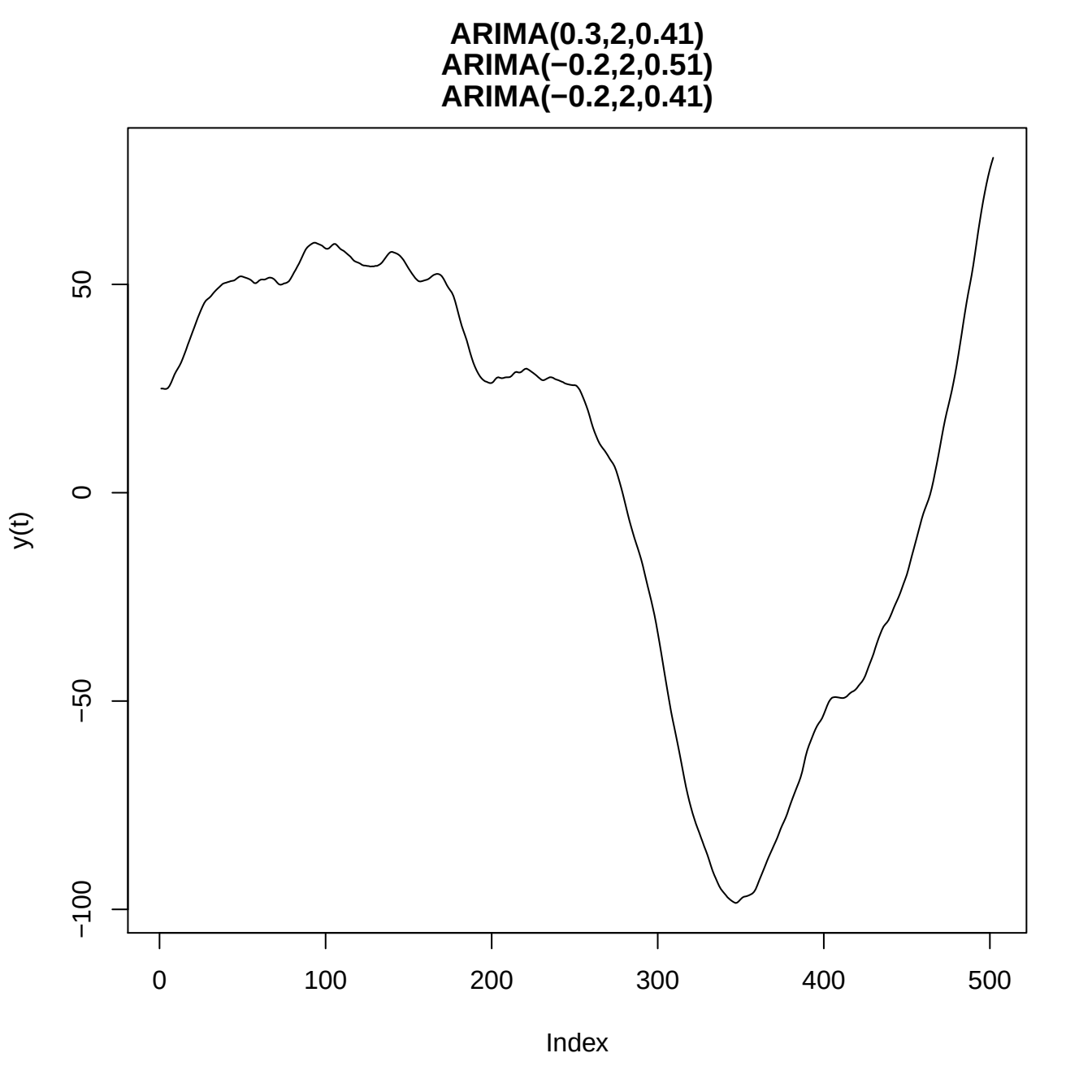

PACF diff(y(t))
Partial ACF
0.6
0.4
0.2
0.0
−0.2
2
4
6
8
10
12
Lag

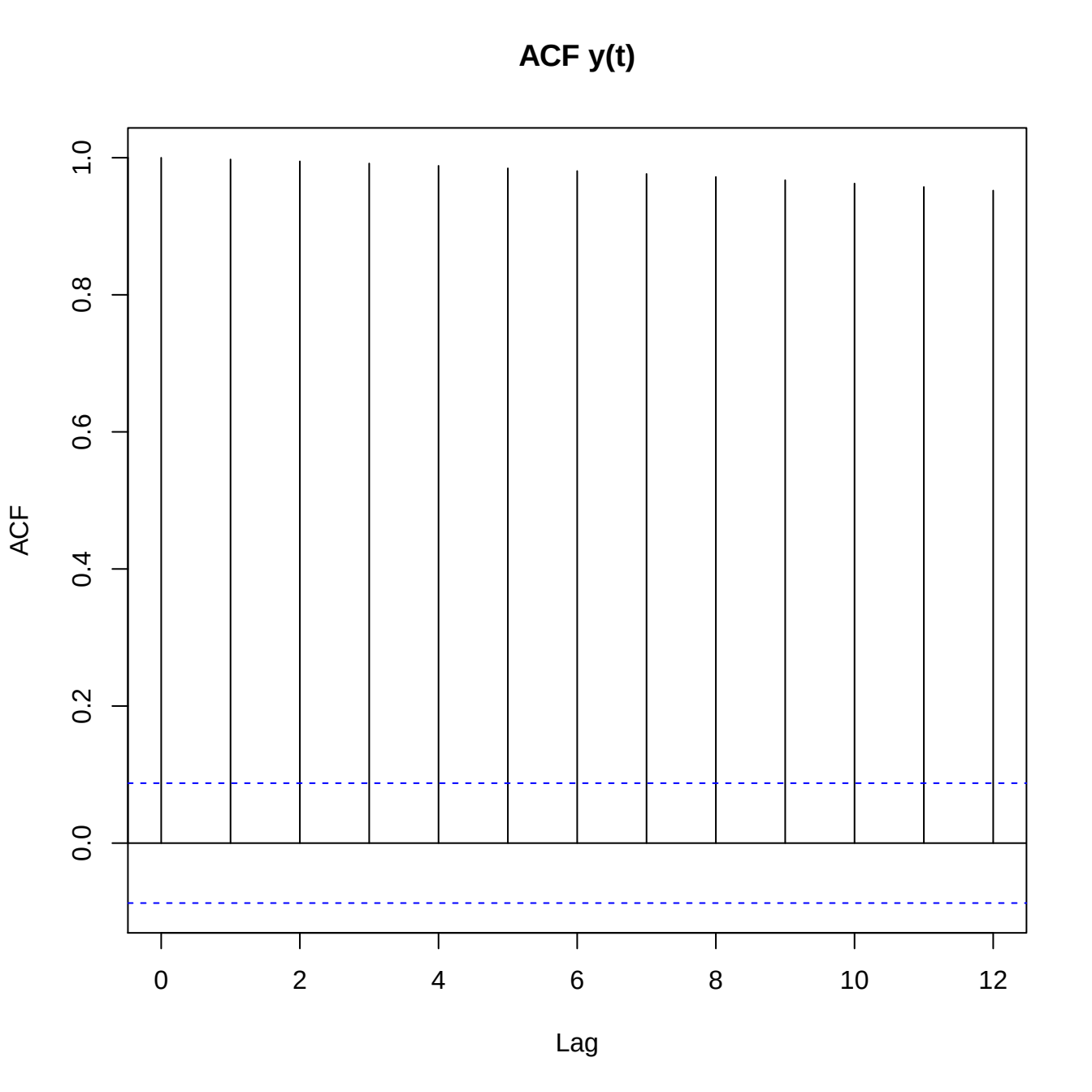

Standardized Residuals Plot
Standardized Residuals
3
2
1
0
−1
−2
−3
0
100
200
300
400
500
Time

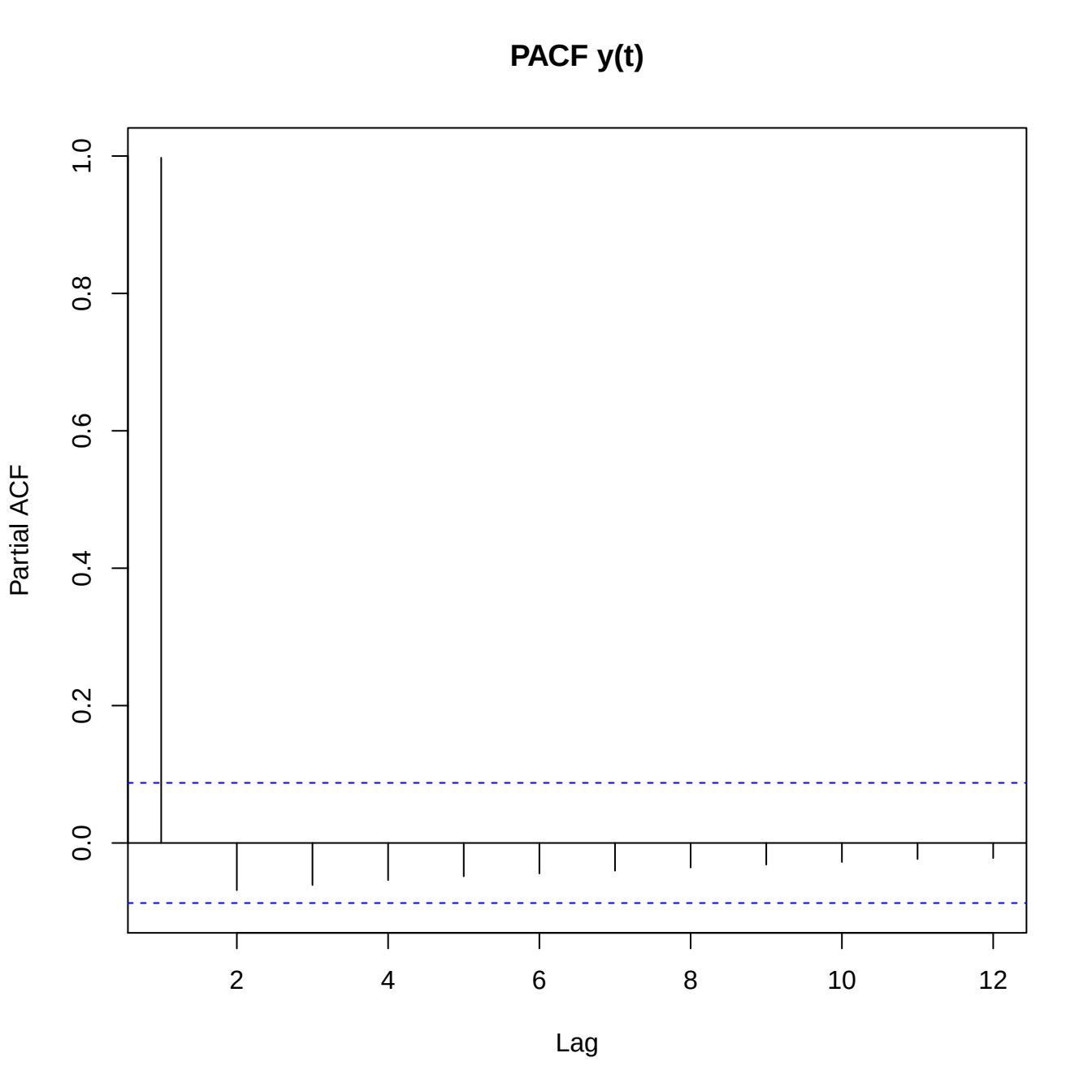

Normal Probability Plot
Sample Quantiles
Theoretical Quantiles
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
−3
−2
−1
0
1
2
3

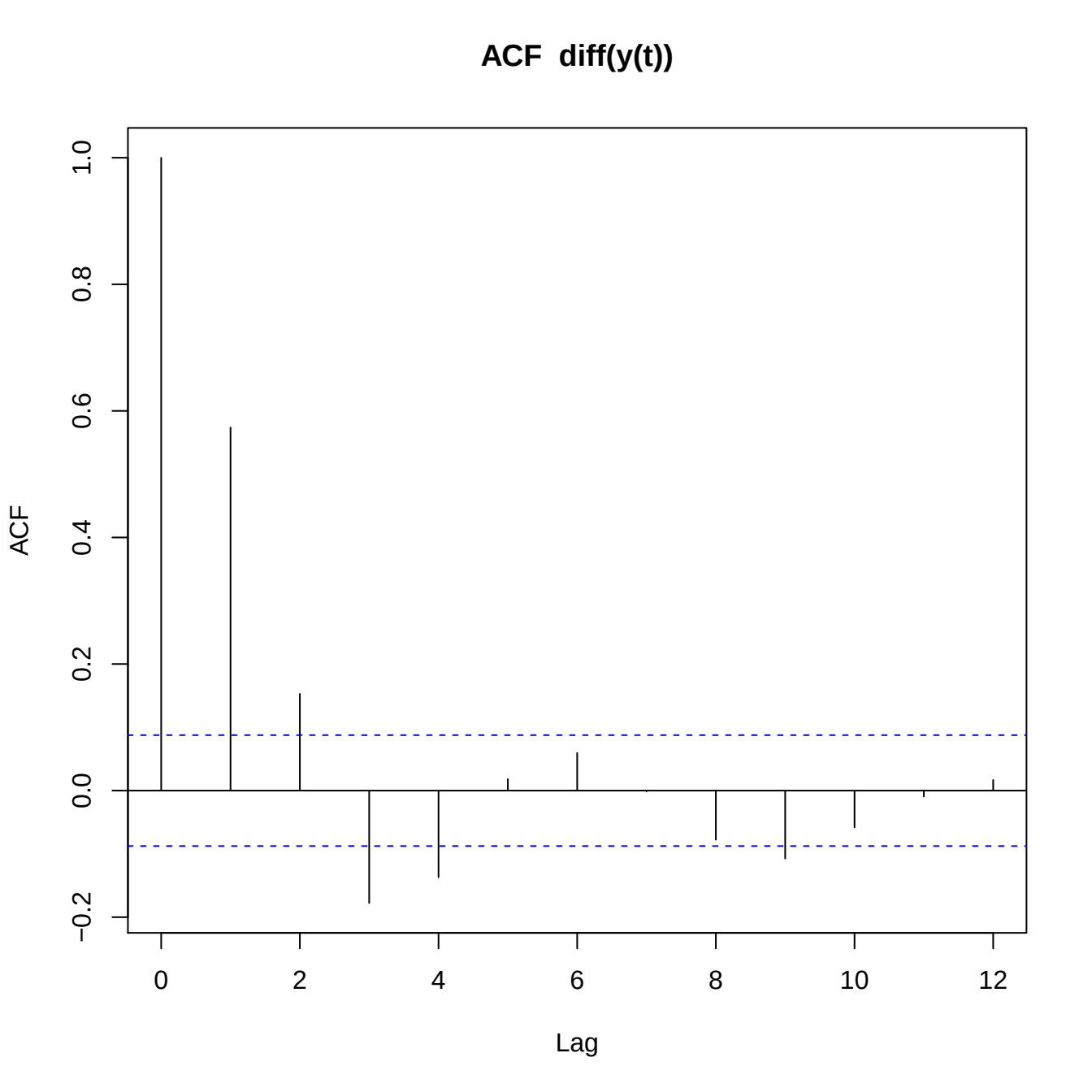

ACF Residuals(4 , 1 , 2)
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
2
4
6
8
10
12
Lag

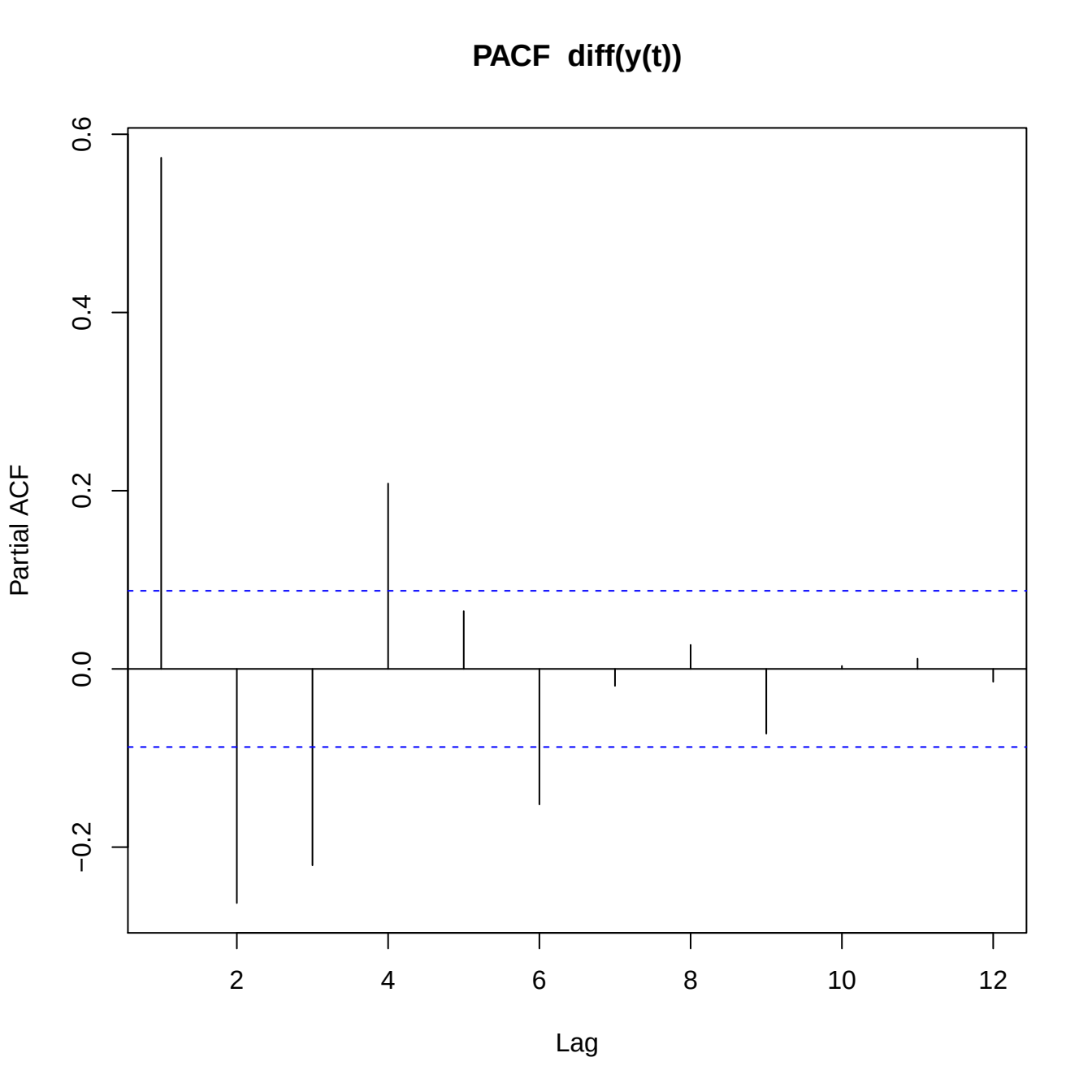

PACF Residuals(4 , 1 , 2)
Partial ACF
0.05
0.00
−0.05
2
4
6
8
10
12
Lag

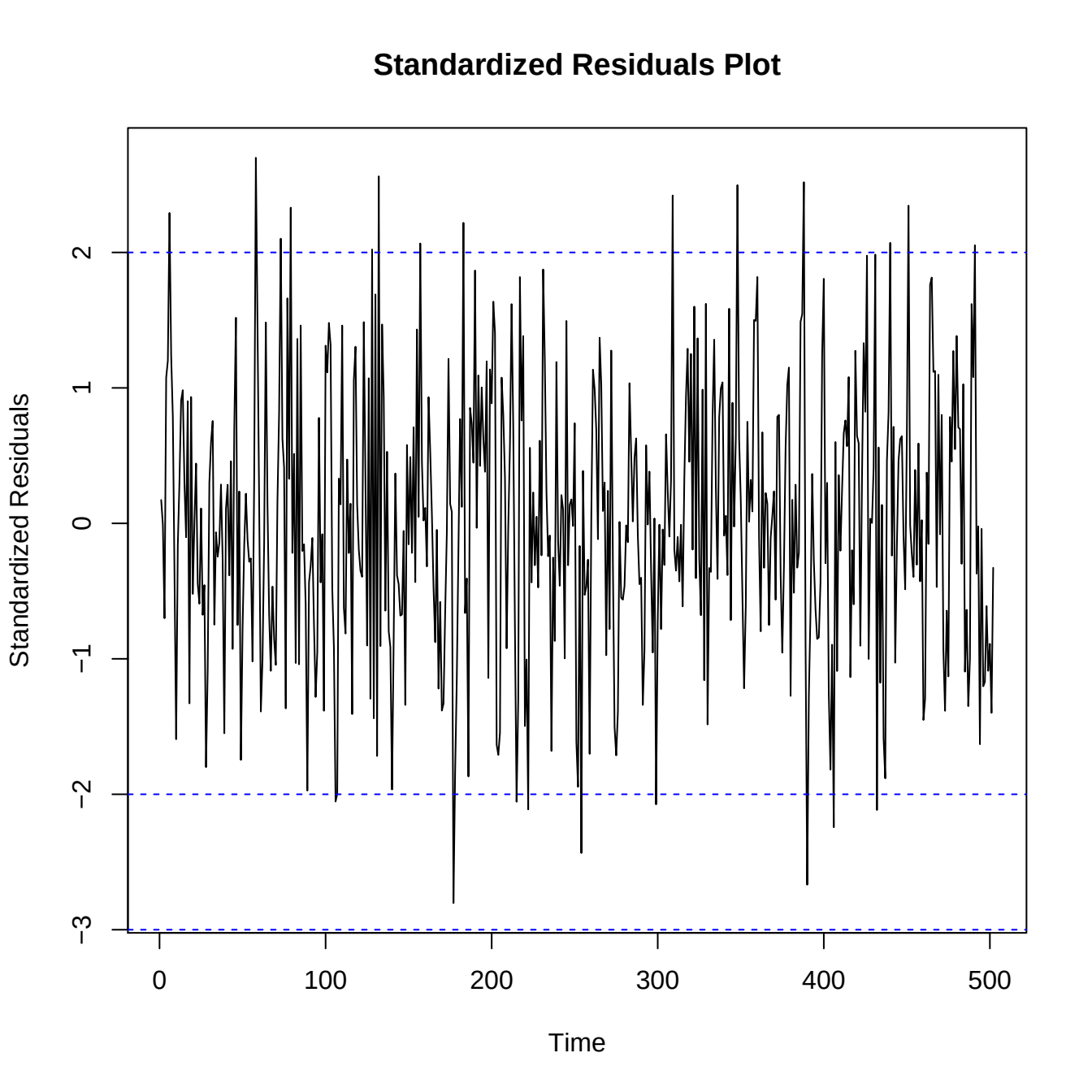

ARIMA(0.3,2,0.41)
ARIMA(−0.2,2,0.51)
ARIMA(−0.2,2,0.41)
y(t)
50
0
−50
−100
0
100
200
300
400
500
Index

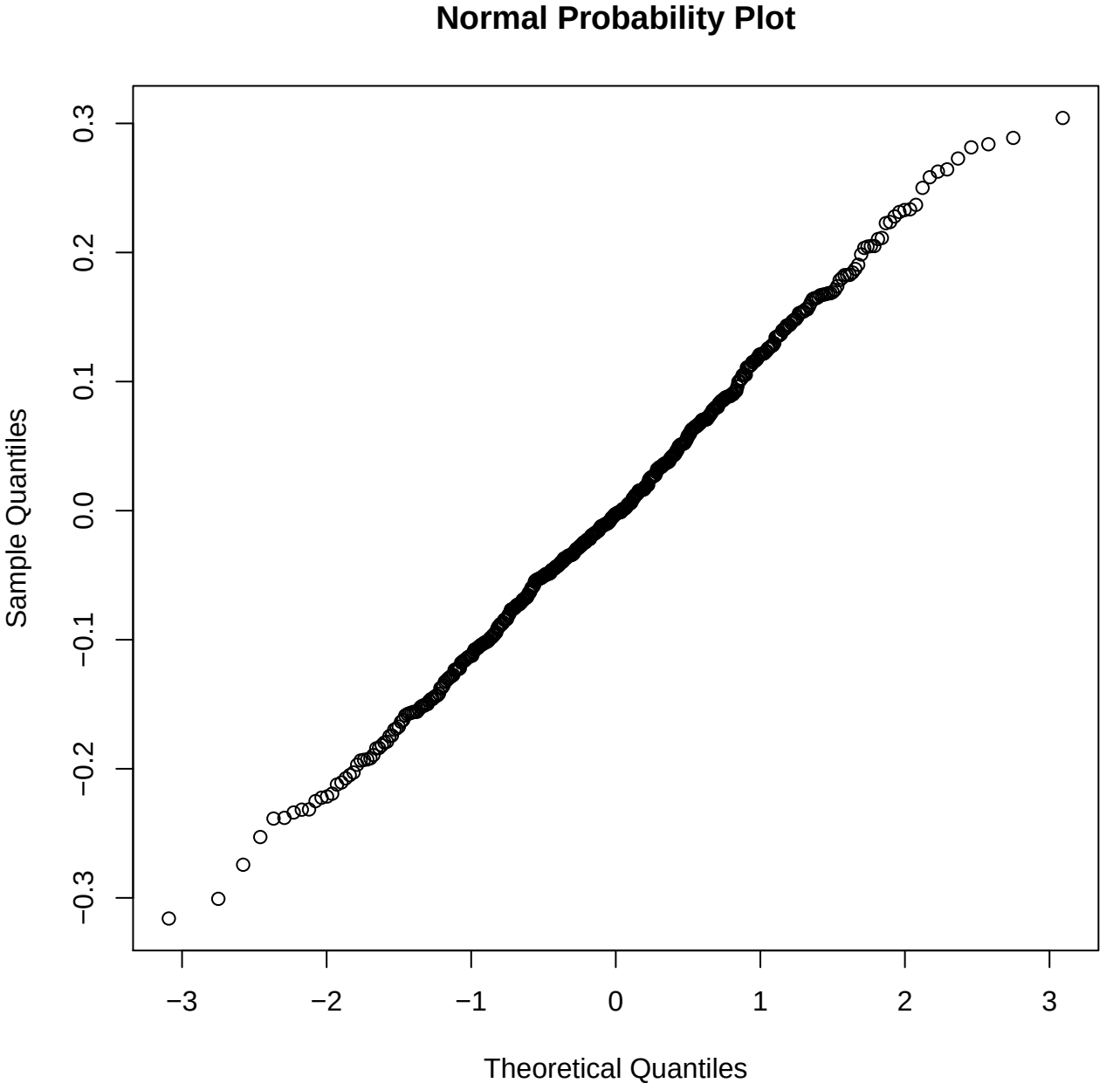

ACF y(t)
ACF
1.0
0.8
0.6
0.4
0.2
0.0
0
2
4
6
8
10
12
Lag

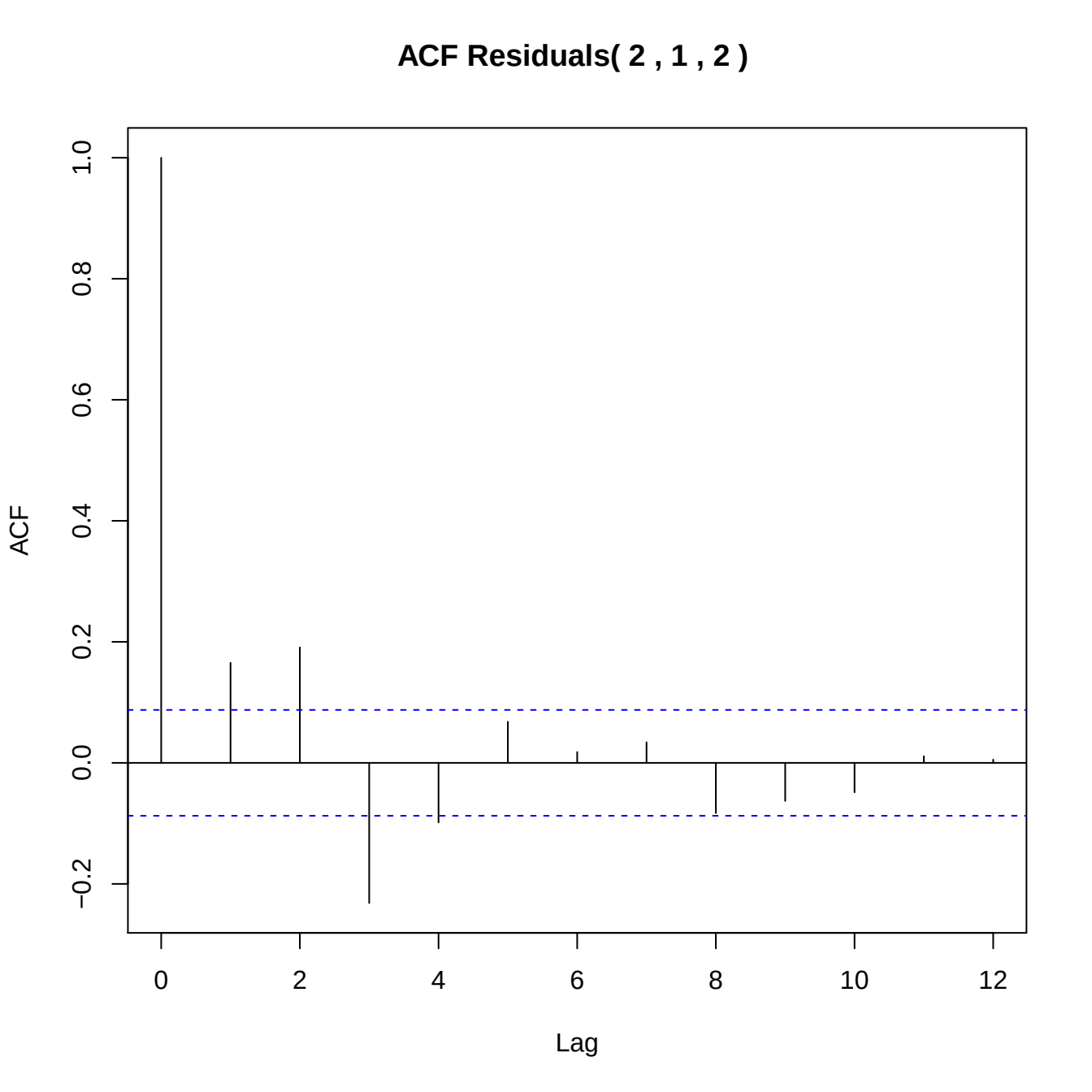

PACF y(t)
Partial ACF
1.0
0.8
0.6
0.4
0.2
0.0
2
4
6
8
10
12
Lag

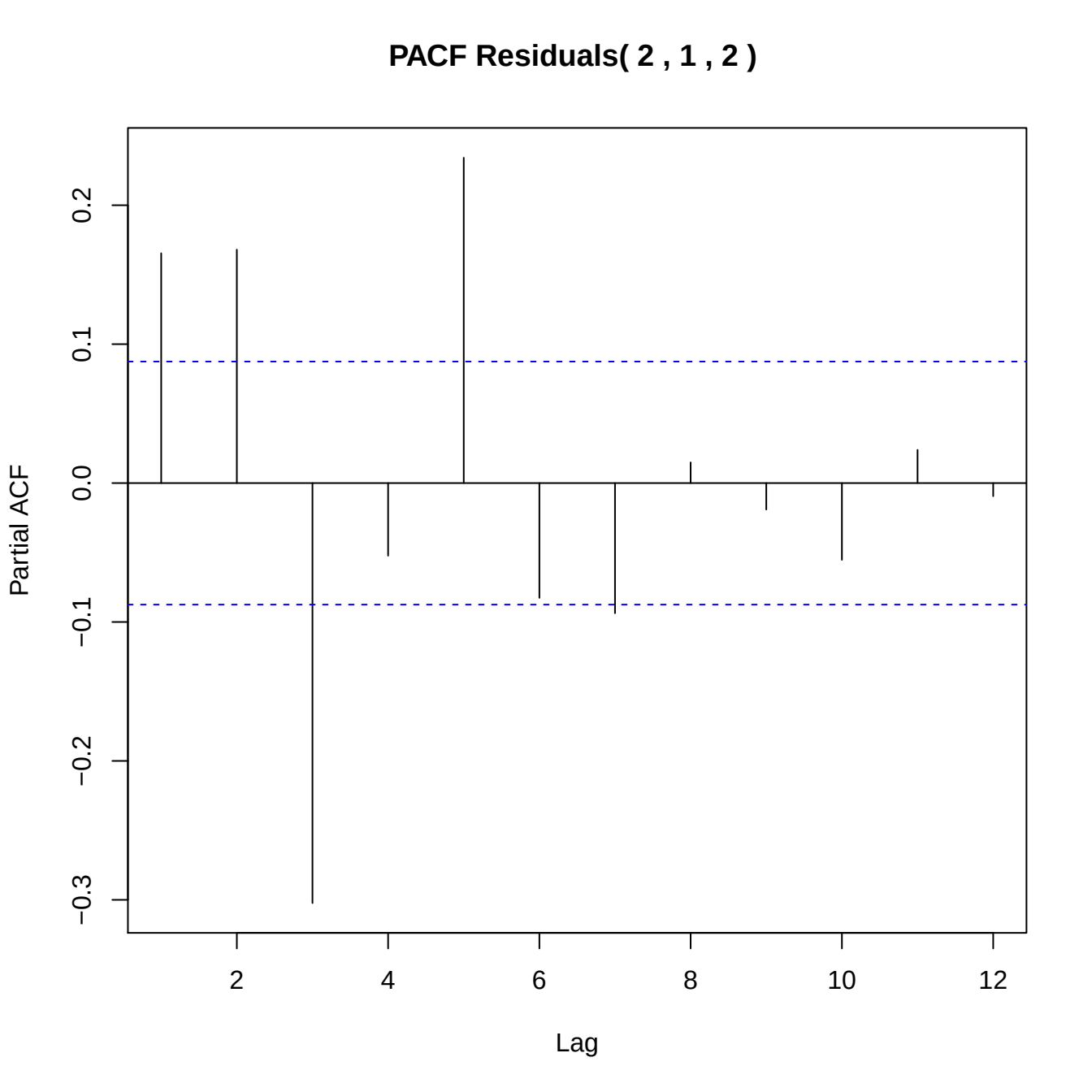

ACF diff(y(t))
ACF
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
2
4
6
8
10
12
Lag


PACF diff(y(t))
Partial ACF
0.6
0.4
0.2
0.0
−0.2
2
4
6
8
10
12
Lag


Standardized Residuals Plot
Standardized Residuals
Time
−3
−2
−1
0
1
2
0
100
200
300
400
500


Normal Probability Plot
Sample Quantiles
Theoretical Quantiles
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
−3
−2
−1
0
1
2
3


ACF Residuals(2 , 1 , 2)
ACF
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
2
4
6
8
10
12
Lag


PACF Residuals(2 , 1 , 2)
Partial ACF
0.2
0.1
0.0
−0.1
−0.2
−0.3
2
4
6
8
10
12
Lag