W12.2







# The model is AR(2)

Final Estimates of Parameters

Type Coef SE Coef T P

AR 1 1.4470 0.1251 11.56 0.000

AR 2 -0.4533 0.1254 -3.62 0.001

$$z\_{t}=1.447z\_{t-1}-0.4533z\_{t-2}+a\_{t}$$

Number of observations: 54

Residuals: SS = 2334673 (backforecasts excluded)

 MS = 44898 DF = 52

Modified Box-Pierce (Ljung-Box) Chi-Square statistic

Lag 12 24 36 48

Chi-Square 7.7 30.5 34.1 35.4

DF 10 22 34 46

P-Value 0.661 0.108 0.463 0.871

# The residual is white noise







## Forecast