imated PACF for residuals using ARIMA(1
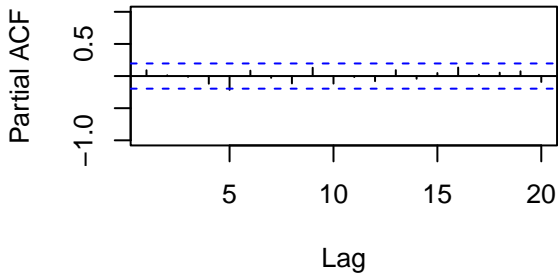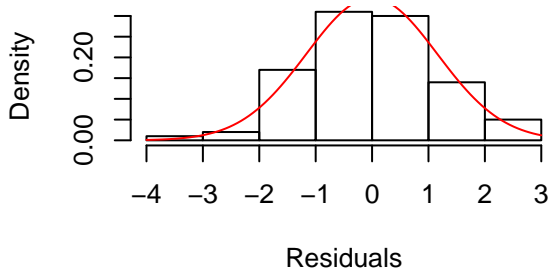
Histogram of residuals

Normal Q–Q Plot