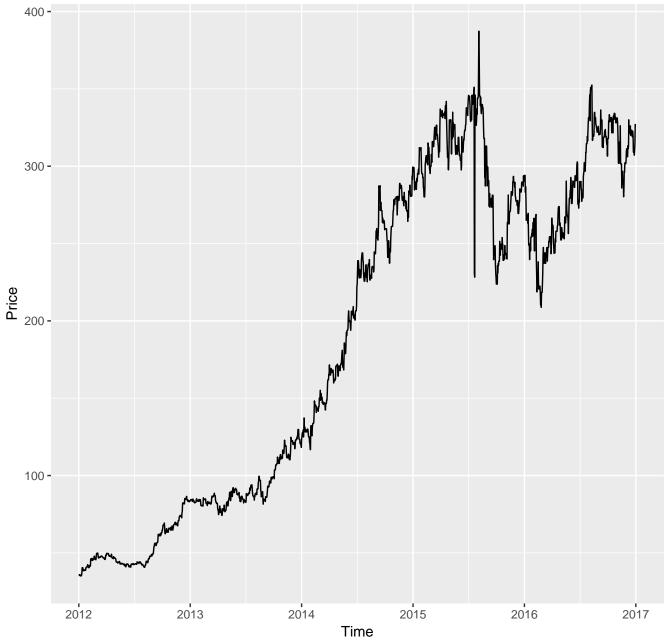
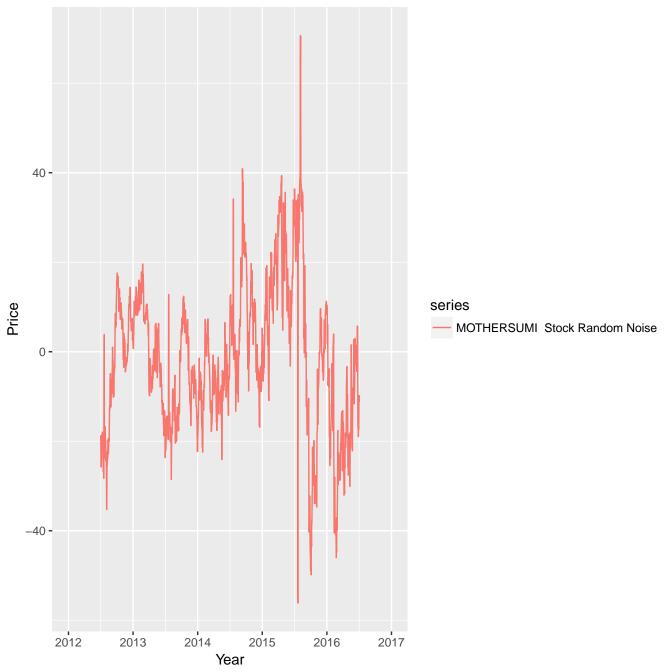
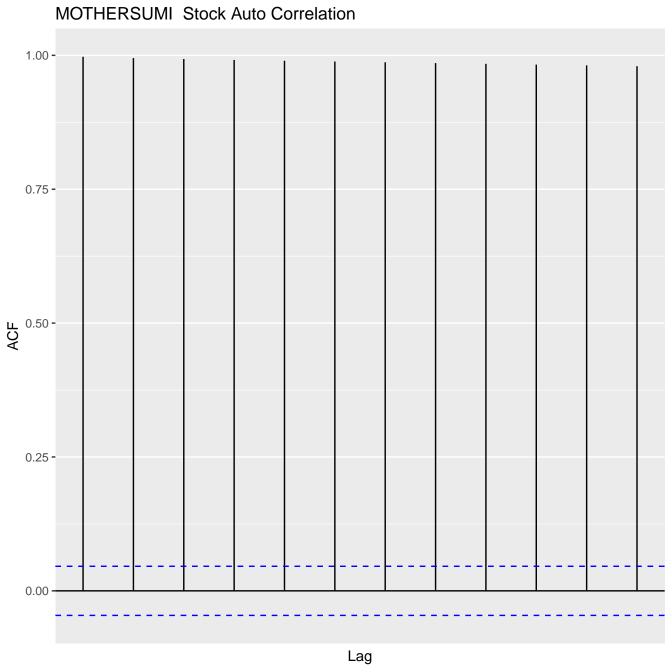
Last 5 Year MOTHERSUMI Stock Price history

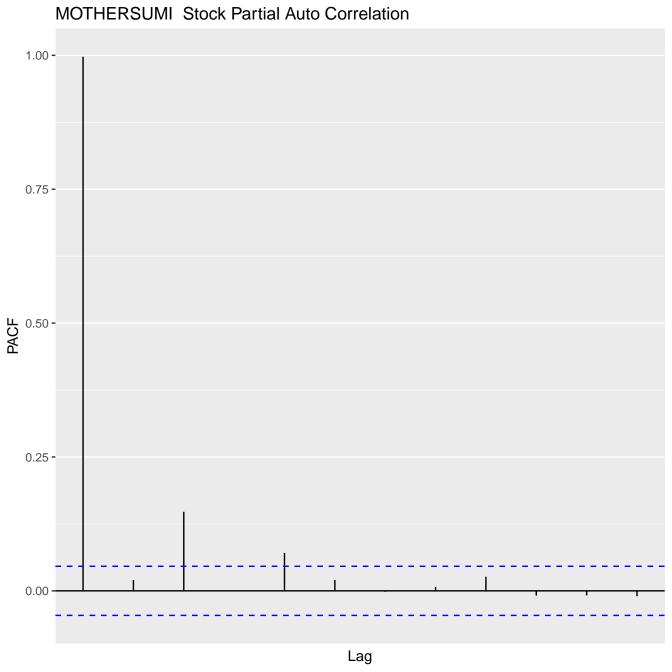


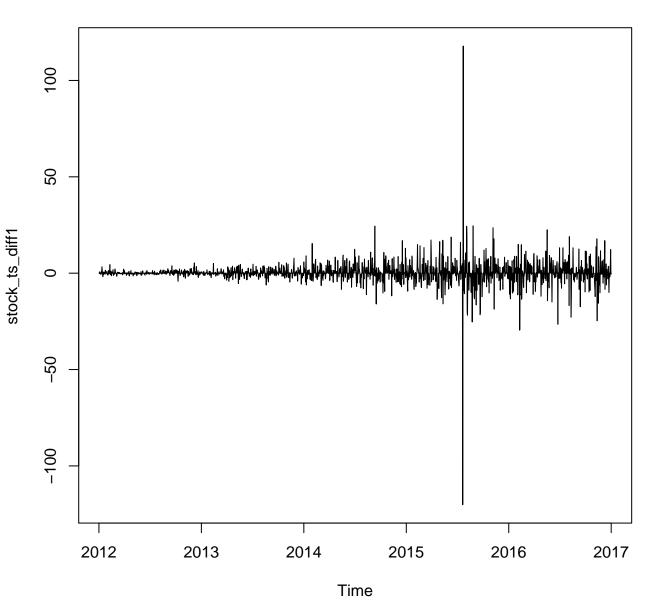
MOTHERSUMI Stock Trend 300 -200 -100 -2013 2014 2012 2015 2016 2017 Time

MOTHERSUMI Stock Seasonal 20 -10 -Price -10 **-**2014 2012 2013 2015 2016 2017 Time

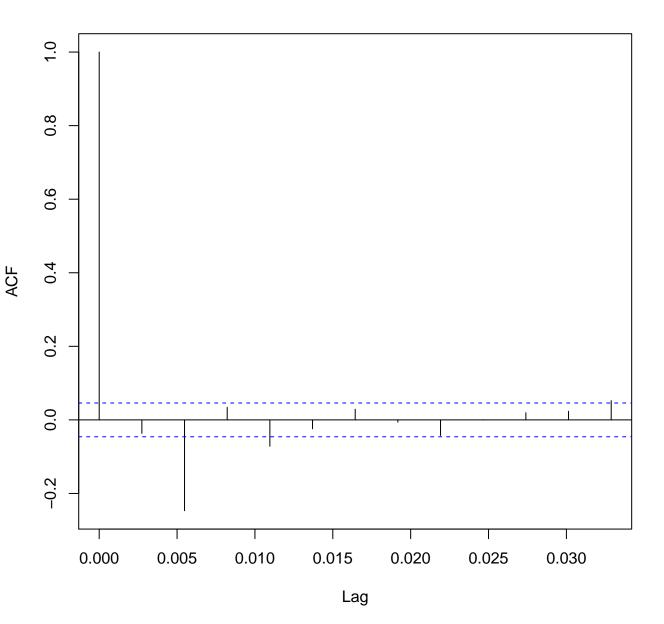




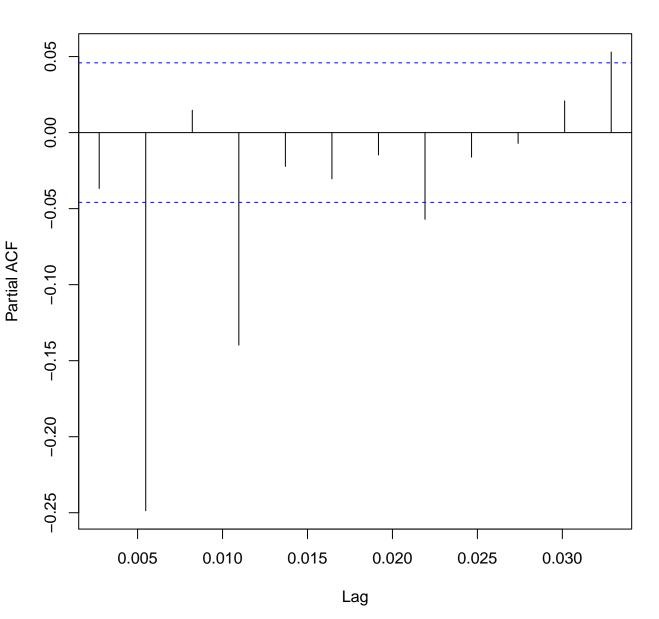




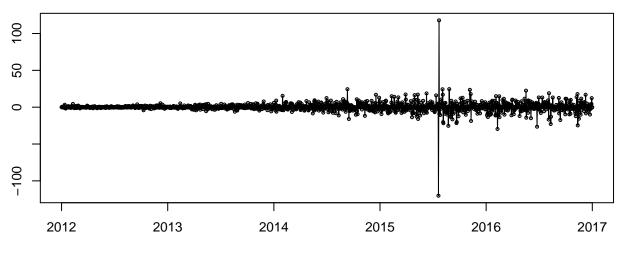
Series stock_ts_diff1

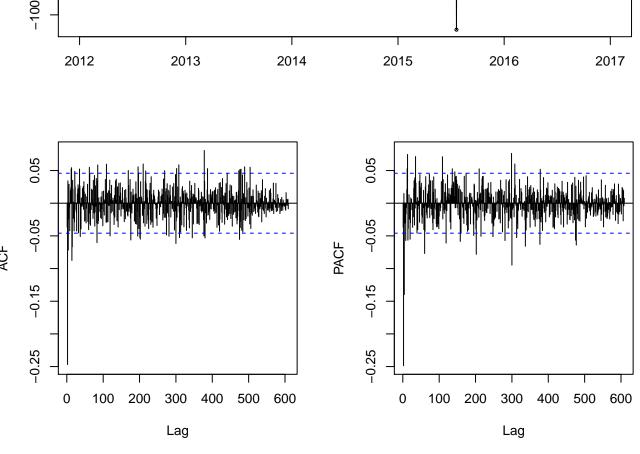


Series stock_ts_diff1



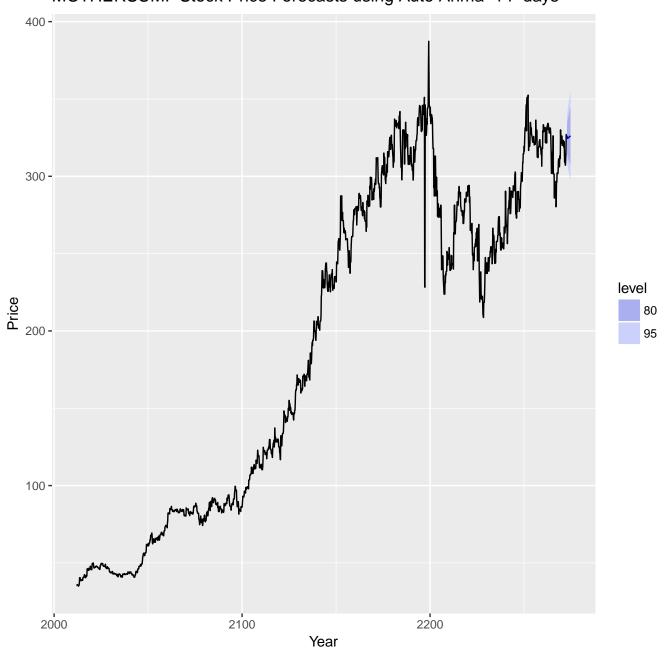
residuals(arima_model)



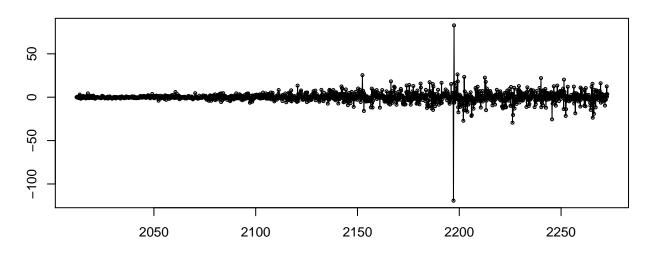


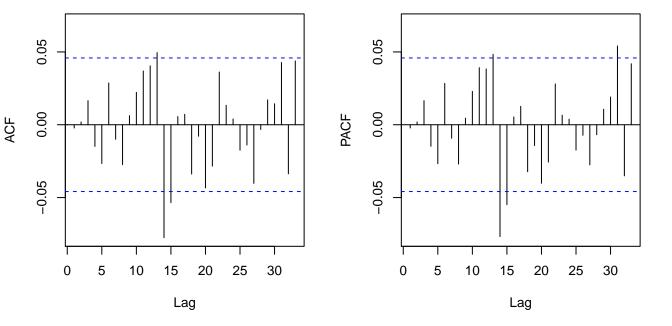
MOTHERSUMI Stock Price Forecasts using Arima 14 days 400 -300 level Price 80 200 -95 100 -2013 2017 2012 2014 2015 2016 Year

MOTHERSUMI Stock Price Forecasts using Auto Arima 14 days

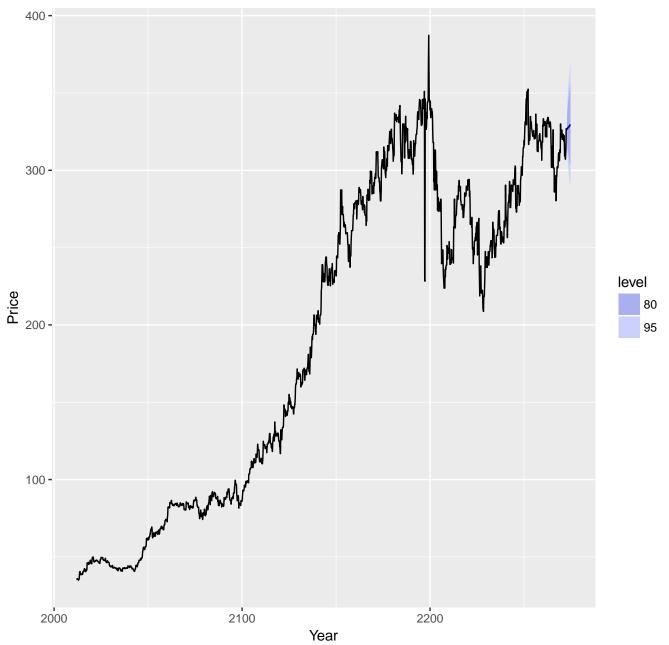


residuals(auto_arima_model)

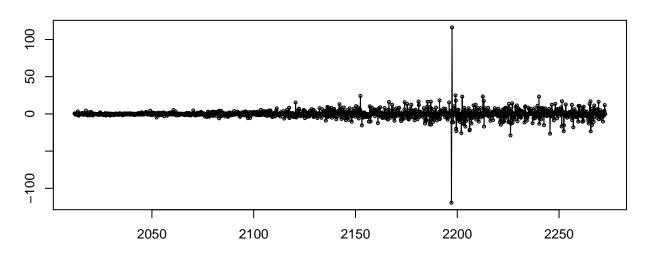


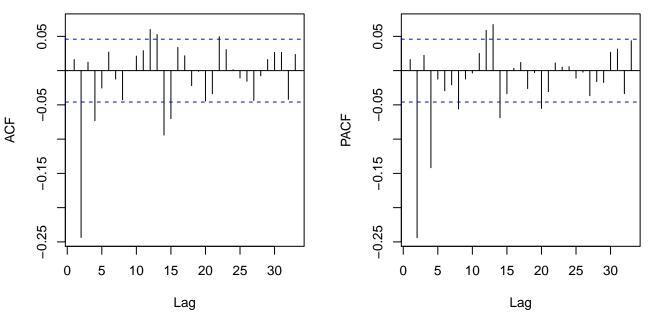


MOTHERSUMI Stock Price Forecasts using Holt-Winter 14 days

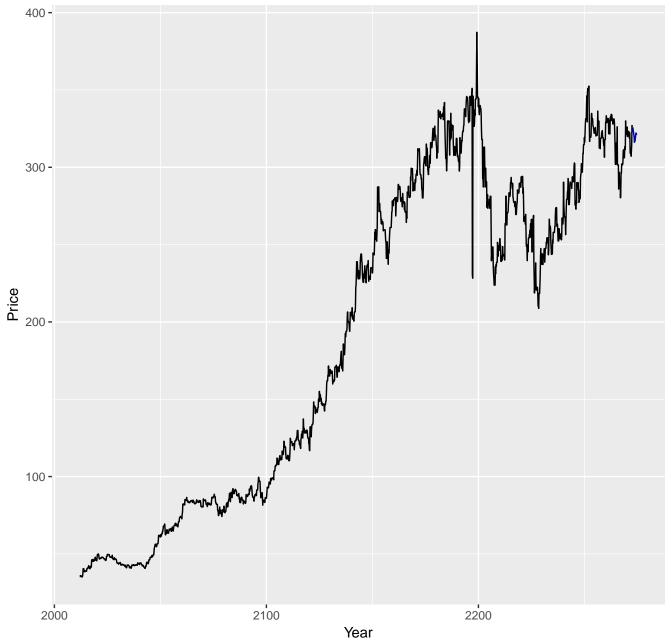


residuals(hw_mdl)





MOTHERSUMI Stock Price Forecasts using Neural Network 14 days



residuals(nnet_model)

