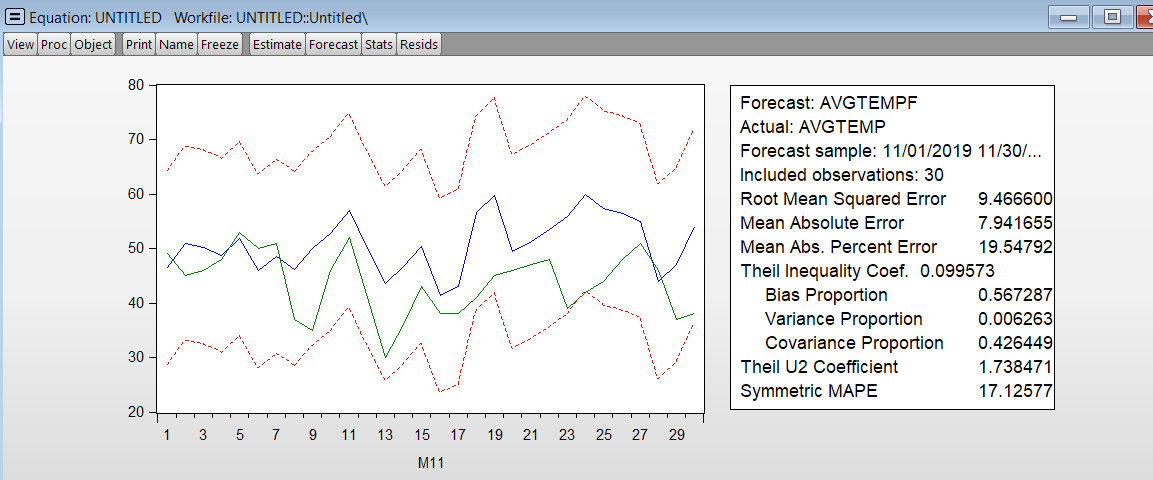
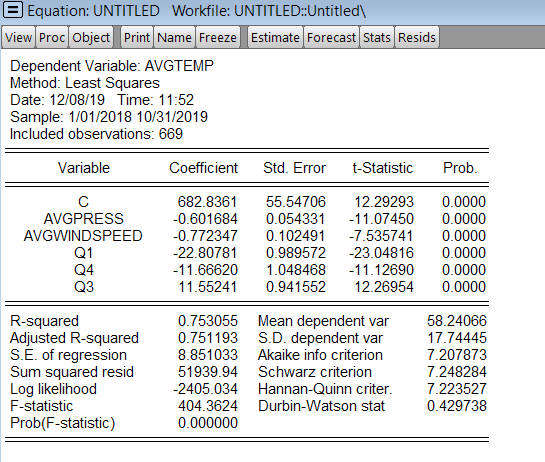


With quarter





Estimation Command:

=========================

LS AVGTEMP C AVGPRESS AVGWINDSPEED Q1 Q4 Q3

Estimation Equation:

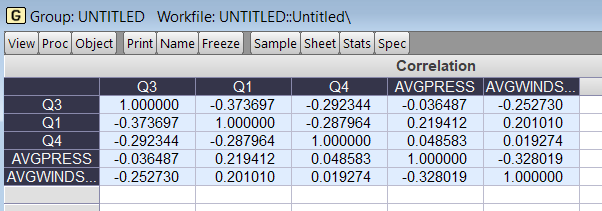
=========================

AVGTEMP = C(1) + C(2)\*AVGPRESS + C(3)\*AVGWINDSPEED + C(4)\*Q1 + C(5)\*Q4 + C(6)\*Q3

Substituted Coefficients:

=========================

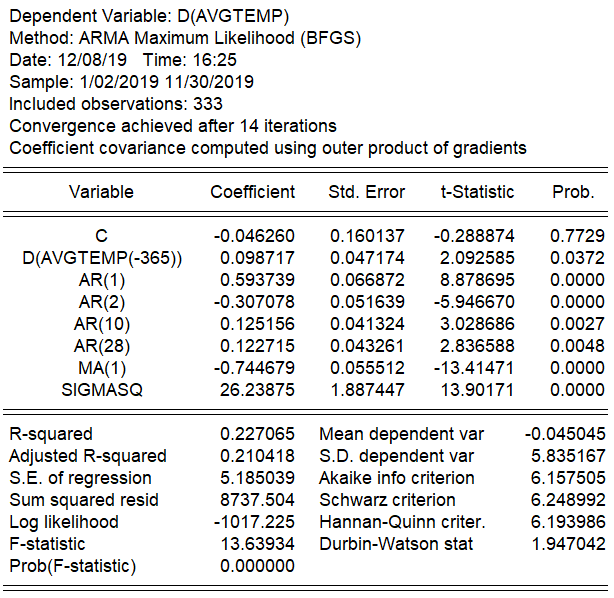
AVGTEMP = 682.836111473 - 0.60168443759\*AVGPRESS - 0.772346973655\*AVGWINDSPEED - 22.8078148958\*Q1 - 11.666197393\*Q4 + 11.5524129785\*Q3

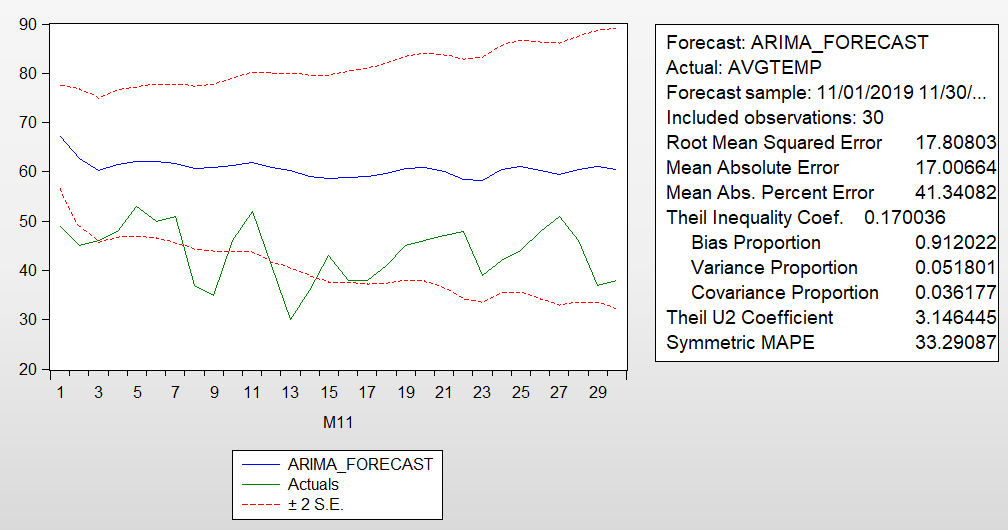


ARIMA

Take 1st order differencing. Model:

diff c ar(1) ar(2) ar(10) ma(1) diff(-365)





avgtemp c lag\_avgdewpoint lag\_avgpress lag\_avgrh lag\_cdd lag\_gdd lag\_hdd lag\_totalrecip lag\_windir lag\_windspeed

**New regression with lagged variable**

