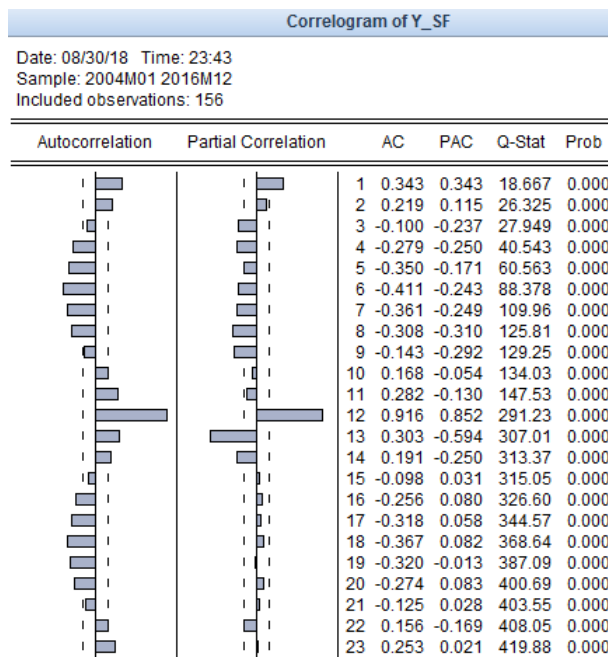


ADF test on first difference of the trend term of X12-ARIMA model			
		t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic		-4.36533471	5.03E-04
Test critical values:	1% level	-3.4739667	
	5% level	-2.88059133	
	10% level	-2.57700757	

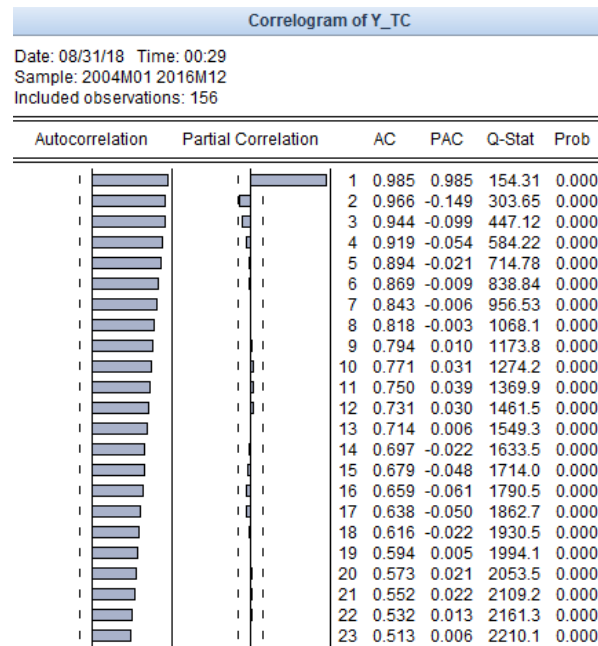
ADF test on first difference of the season term of X12-ARIMA model			
		t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic		-9.23751331	1.29E-13
Test critical values:	1% level	-3.47647186	
	5% level	-2.88168458	
	10% level	-2.57759089	

ADF test on first difference of the original series of SARIMA model			
		t-Statistic	Prob.*
Augmented Dickey-Fuller test statistic		-4.89703647	6.61E-05
Test critical values:	1% level	-3.47647186	
	5% level	-2.88168458	
	10% level	-2.57759089	

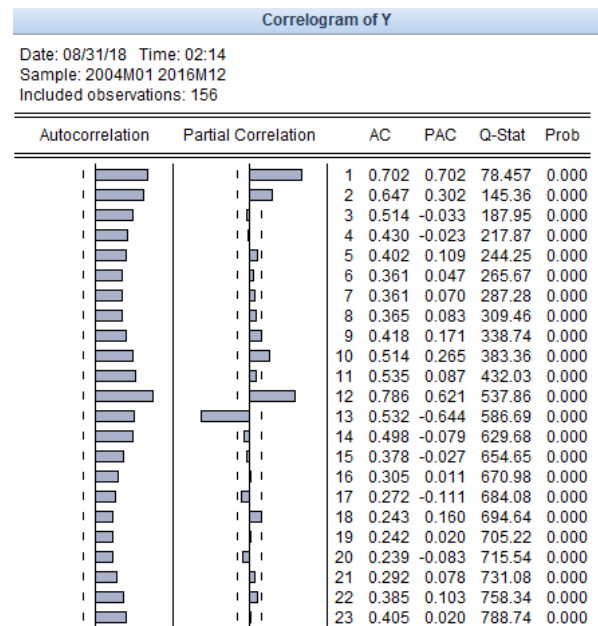
Supplementary Figure. S1. Results of ADF tests in two models.



- a. The ACF graph and PACF graph of the trend term series in X12-ARIMA model.



b. The ACF graph and PACF graph of the season term series in X12-ARIMA model.



c. The ACF graph and PACF graph of the original series in SARIMA model.

Supplementary Figure. S2. The ACF and PACF graphs of two models.

Abbreviations: ACF, autocorrelation function; PACF, partial autocorrelation function.