

Anexo 2

Forecast Pro - Version 4

File Edit Settings Operations Graph View Help

Expert selection 2002 1 through 2007 2 Holdout 0

Forecast Pro Version 4.01 Extended Edition

Expert data exploration of dependent variable INFLACION

Length 62 Minimum 2.910 Maximum 5.700
Mean 4.368 Standard deviation 0.703

Classical decomposition (multiplicative)
Trend-cycle: 69.53% Seasonal: 2.57% Irregular: 27.90%

Choice is narrowed down to Box-Jenkins or exponential smoothing.

Box-Jenkins outperforms exponential smoothing by 0.233 to 0.541 out-of-sample Mean Absolute Deviation. I tried 78 forecasts up to a maximum horizon 12.

Series is nonstationary and seasonal.

Recommended model: Box-Jenkins

Forecast Model for INFLACION
ARIMA(0,1,1)*(1,0,0)

Term	Coefficient	Std. Error	t-Statistic	Significance
b[1]	-0.3220	0.1206	-2.6694	0.9902
A[12]	-0.6149	0.0982	-6.2624	1.0000

Within-Sample Statistics

Sample size 62	Number of parameters 2
Mean 4.368	Standard deviation 0.7086
R-square 0.8913	Adjusted R-square 0.8895
Durbin-Watson 2.101	Ljung-Box(18)=28.84 P=0.9496
Forecast error 0.2356	BIC 0.2477
MAPE 0.04417	RMSE 0.2318
MAD 0.1911	

Ready CAP

- Modelos propuestos por el programa FORECAST.
- Error cuadrático medio.