

EQ(48) Modelling femanx by OLS

The dataset is: Chornts.in7

The estimation sample is: 1983 - 2004

	Coefficient	Std.Error	HACSE	t-HACSE	t-prob	Part.R^2
femanx_1	0.110678	0.06093	0.03209	3.45	0.0031	0.4116
Constant	0.0131144	0.006261	0.003599	3.64	0.0020	0.4385
chornblip	0.193255	0.01522	0.008990	21.5	0.0000	0.9645
chornlevel	0.122574	0.01405	0.01063	11.5	0.0000	0.8866
Trend	0.00452219	0.0004521	0.0002984	15.2	0.0000	0.9311

sigma	0.00975782	RSS	0.00161865732
R^2	0.988161	F(4,17) =	354.7 [0.000]**
Adj.R^2	0.985375	log-likelihood	73.4726
no. of observations	22	no. of parameters	5
mean(femanx)	0.216003	se(femanx)	0.0806872

When the log-likelihood constant is NOT included:

AIC	-9.06266	SC	-8.81469
HQ	-9.00424	FPE	0.000116855

When the log-likelihood constant is included:

AIC	-6.22478	SC	-5.97681
HQ	-6.16637	FPE	0.00199582

Instability tests failed to compute.

This could be caused by the presence of dummy variables.

1-step (ex post) forecast analysis 2005 - 2010

Parameter constancy forecast tests:

Forecast $\chi^2(6)$ = 64.167 [0.0000]**

Chow $F(6,17)$ = 6.9070 [0.0008]**

AR 1-2 test: $F(2,15)$ = 1.4768 [0.2597]

ARCH 1-1 test: $F(1,20)$ = 0.099440 [0.7558]

Normality test: $\chi^2(2)$ = 1.4568 [0.4827]

Hetero test: $F(5,15)$ = 0.99457 [0.4537]

Hetero-X test: $F(6,14)$ = 0.81201 [0.5778]

RESET23 test: $F(2,15)$ = 0.45682 [0.6418]

femanx = + 0.111*femanx_1 + 0.0131 + 0.193*chornblip + 0.123*chornlevel
(SE) (0.0609) (0.00626) (0.0152) (0.014)
+ 0.00452*Trend
(0.000452)