

EQ(28) Modelling maleptsd by OLS

The dataset is: Chornts.in7

The estimation sample is: 1983 - 2004

	Coefficient	Std.Error	HACSE	t-HACSE	t-prob	Part.R^2
maleptsd_1	0.141999	0.04375	0.01465	9.69	0.0000	0.8392
Constant	0.0208843	0.005986	0.0005410	38.6	0.0000	0.9881
chornlevel	0.0489220	0.007230	0.003271	15.0	0.0000	0.9255
chornblip	0.244500	0.01101	0.003171	77.1	0.0000	0.9970

sigma	0.0102716	RSS	0.0018991208
R^2	0.972278	F(3,18) =	210.4 [0.000]**
Adj.R^2	0.967658	log-likelihood	71.7148
no. of observations	22	no. of parameters	4
mean(maleptsd)	0.0858289	se(maleptsd)	0.0571155

When the log-likelihood constant is NOT included:

AIC	-8.99377	SC	-8.79540
HQ	-8.94704	FPE	0.000124690

When the log-likelihood constant is included:

AIC	-6.15589	SC	-5.95752
HQ	-6.10916	FPE	0.00212963

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 $\chi^2(6)$ = 38.515 [0.0000]**

Chow $F(6,18)$ = 5.0040 [0.0035]**

AR 1-2 test: $F(2,16)$ = 0.70065 [0.5109]

ARCH 1-1 test: $F(1,20)$ = 0.00021317 [0.9885]

Normality test: $\chi^2(2)$ = 3.9902 [0.1360]

Hetero test: $F(3,17)$ = 1.0331 [0.4029]

Hetero-X test: $F(3,17)$ = 1.0331 [0.4029]

RESET23 test: $F(2,16)$ = 0.019113 [0.9811]

maleptsd = + 0.142*maleptsd_1 + 0.0209 + 0.0489*chornlevel + 0.244*chornblip
(SE) (0.0438) (0.00599) (0.00723) (0.011)