

EQ(46) Modelling maleanx by OLS

The dataset is Chornts.in7

The estimation sample is: 1983 - 2004

	Coefficient	Std.Error	HACSE	t-HACSE	t-prob	Part.R^2
maleanx_1	0.216239	0.08986	0.05605	3.86	0.0012	0.4526
Constant	0.0380753	0.01014	0.003253	11.7	0.0000	0.8839
chornblip	0.304690	0.01852	0.001980	154.	0.0000	0.9992
chornlevel_1	0.107341	0.01676	0.01273	8.43	0.0000	0.7979

sigma	0.0160353	RSS	0.00462837641
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R^2	0.948013	F(3,18) =	109.4 [0.000]**
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Adj.R^2	0.939349	log-likelihood	61.9159
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no. of observations	22	no. of parameters	4
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mean(maleanx)	0.176203	se(maleanx)	0.0651115
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When the log-likelihood constant is NOT included:

AIC	-8.10296	SC	-7.90458
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HQ	-8.05622	FPE	0.000303883
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When the log-likelihood constant is included:

AIC	-5.26508	SC	-5.06671
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HQ	-5.21835	FPE	0.00519017
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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) = 73.790 [0.0000]**

Chow F(6,18) = 7.6317 [0.0003]**

AR 1-2 test: F(2,16) = 0.51274 [0.6084]

ARCH 1-1 test: F(1,20) = 0.023189 [0.8805]

Normality test: Chi^2(2) = 1.3330 [0.5135]

Hetero test: F(3,17) = 1.8996 [0.1680]

Hetero-X test: F(3,17) = 1.8996 [0.1680]

RESET23 test: F(2,16) = 0.053250 [0.9483]

maleanx = + 0.216*maleanx_1 + 0.0381 + 0.305*chornblip + 0.107*chornlevel_1

(SE)	(0.0899)	(0.0101)	(0.0185)	(0.0168)
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