File hseinv.wf1

EQ. 1

Dependent Variable: INVPC
Method: Least Squares
Sample (adjusted): 1952 1988
Included observations: 37 after adjustments

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-0.210174	0.182129	-1.153983	0.2576
PRICE	3.101993	0.708571	4.377813	0.0001
PRICE(-1)	-3.296187	1.246339	-2.644696	0.0129
PRICE(-2)	-0.290442	1.291081	-0.224960	0.8235
PRICE(-3)	-0.188370	1.129411	-0.166786	0.8687
PRICE(-4)	0.708237	0.936146	0.756546	0.4552
PRICE(-5)	0.779637	0.579480	1.345408	0.1886

R-squared	0.610099	Mean dependent var	0.530437
Adjusted R-squared	0.532119	S.D. dependent var	0.092379
S.E. of regression	0.063189	Akaike info criterion	-2.516708
Sum squared resid	0.119786	Schwarz criterion	-2.211940
Log likelihood	53.55910	Hannan-Quinn criter.	-2.409263
F-statistic	7.823770	Durbin-Watson stat	1.033087
Prob(F-statistic)	0.000040		

Test of autocorrelation of order 1

1. PRICE strictly exogenous

Dependent Variable: RES
Method: Least Squares
Sample (adjusted): 1953 1988
Included observations: 36 after adjustments

Variable	Coefficient	Std. Error	t-Statistic	Prob.
RES(-1)	0.479341	0.154072	3.111152	0.0037

R-squared	0.216515	Mean dependent var	0.000723
Adjusted R-squared	0.216515	S.D. dependent var	0.058332
S.E. of regression	0.051632	Akaike info criterion	-3.061960
Sum squared resid	0.093306	Schwarz criterion	-3.017973
Log likelihood	56.11527	Hannan-Quinn criter.	-3.046607
Durbin-Watson stat	1.795959		

with RES the residuals of EQ. 1.

2. PRICE not strictly exogenous: BREUSCH-GODFREY test

Breusch-Godfrey Serial Correlation LM Test:

F-statistic	11.36752	Prob. F(1,29)	0.0021
Obs*R-squared	10.41922	Prob. Chi-Square(1)	0.0012

Test Equation:
Dependent Variable: RESID
Method: Least Squares
Sample: 1952 1988
Included observations: 37
Presample missing value lagged residuals set to zero.

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	0.007380	0.157024	0.046999	0.9628
PRICE	-1.121150	0.695488	-1.612035	0.1178

Variable	Coefficient	Std. Error	t-Statistic	Prob.
PRICE(-1)	1.564371	1.170341	1.336679	0.1917
PRICE(-2)	-0.602282	1.127252	-0.534292	0.5972
PRICE(-3)	0.099326	0.974082	0.101969	0.9195
PRICE(-4)	-0.069369	0.807289	-0.085928	0.9321
PRICE(-5)	0.126021	0.500951	0.251564	0.8032
RESID(-1)	0.626617	0.185853	3.371575	0.0021

R-squared	0.281601	Mean dependent var		4.62E-16
Adjusted R-squared	0.108194	S.D. dependent var		0.057684
S.E. of regression	0.054474	Akaike info criterion		-2.793384
Sum squared resid	0.086054	Schwarz criterion		-2.445077
F-statistic	1.623931	Durbin-Watson stat		1.702826
Prob(F-statistic)	0.168273			

EQ. 2

Dependent Variable: INVPC
Method: Least Squares
Sample (adjusted): 1949 1988
Included observations: 40 after adjustments

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	0.041637	0.141230	0.294818	0.7699
INVPC(-1)	0.714009	0.135630	5.264398	0.0000
PRICE	1.793050	0.592626	3.025600	0.0046
PRICE(-1)	-3.863918	0.774515	-4.988824	0.0000
PRICE(-2)	2.199064	0.536095	4.102002	0.0002

R-squared	0.680628	Mean dependent var		0.526854
Adjusted R-squared	0.644128	S.D. dependent var		0.091263
S.E. of regression	0.054443	Akaike info criterion		-2.866860
Sum squared resid	0.103741	Schwarz criterion		-2.655750
Log likelihood	62.33720	Hannan-Quinn criter.		-2.790529
F-statistic	18.64749	Durbin-Watson stat		1.547858
Prob(F-statistic)	0.000000			

Breusch-Godfrey Serial Correlation LM Test:

F-statistic	1.270253	Prob. F(2,33)	0.2941
Obs*R-squared	2.859280	Prob. Chi-Square(2)	0.2394

Test Equation:
Dependent Variable: RESID
Method: Least Squares
Sample: 1949 1988
Included observations: 40
Presample missing value lagged residuals set to zero.

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-0.000569	0.140954	-0.004036	0.9968
INVPC(-1)	-0.072767	0.208928	-0.348287	0.7298
PRICE	-0.297904	0.617615	-0.482345	0.6327
PRICE(-1)	0.707129	0.893897	0.791064	0.4346
PRICE(-2)	-0.367548	0.579918	-0.633793	0.5306
RESID(-1)	0.323174	0.252197	1.281438	0.2090
RESID(-2)	-0.133384	0.250770	-0.531898	0.5984

R-squared	0.071482	Mean dependent var		-6.77E-16
Adjusted R-squared	-0.097339	S.D. dependent var		0.051575
Sum squared resid	0.096325	Schwarz criterion		-2.545471
F-statistic	0.423418	Durbin-Watson stat		1.948330
Prob(F-statistic)	0.858027			