

ECONOMIA APPLICATA M - LABORATORIO 2 B

MODALI DI INVESTIMENTO 10/12/19

DATI : KOPCKE.DTA

(TRINESTRI U.S. 1952Q1-1982Q4)

USE KOPCKE.DTA

DES

TSET t, QUANTILY

POSSIAMO ANCHE CALCOLARE L'INCREMENTO DEL CAPITALE

W_{TOTALE} :

$$W_{ES} = \frac{KE + KS}{Y}$$

$$GEN\ MIE = KE/Y$$

$$GEN\ NS = KS/Y$$

$$GEN\ MES = (KE + KS)/Y$$

CONCENTRARIANOI SULL'INVESTIMENTO (LADO)
IN STRUCTURES (IS) -

TSSET t

GENERICA EQUAZIONE DI INVESTIMENTO :

INVESTIMENTO
IN CAPITALE FISICO } $IS = f(Y)$ → OUTPUT DELL'IMPRESA

[ARDL(0,1)]

STIMA DEL MODELLO DINAMICO DL (m FINITO)

REG 1S y $L.y$ β_0 β_1
(m = 1)

ESTAT BODDFREY, LAGS(1)

[ARDL(0,10)]
(m = 10)

REG 1S L(0/40).y

ESTAT BODDFREY, LAGS(1)

$\beta_0, \beta_1, \dots, \beta_{20}$

STIMA DEL MODELLO DINAMICO DL ($m \rightarrow \infty$)

MODELLO TRASFERIMENTO AWA KOYCK

REG-1S Y L.1S $[ARDL(1,0)]$

β λ

ESTIM. BGOODFRIEND, LAGS(1)

$$\text{SCALAR_MULT_IMP} = \frac{-B[y]}{\beta} \cdot \frac{\beta}{1 - B[L.I.S]}$$

$$\text{SCALAR_MULT_LR} = \frac{-B[y]}{\beta} / (1 - B[L.I.S])$$

SCALAR LIST MULT IMP MULT LR

$$\text{SCALAR_MEANLAG} = \frac{-B[L.I.S]}{1 - B[L.I.S]}$$

$$\text{SCALAR_LIST_MEANLAG}$$

$$\text{SCALAR } p = 0.5$$

$$\text{SCALAR } \text{NEOIANLAG} = \text{LOG}(1-p) / \text{LOG}(-B[2.15])^A$$

SCALAR LIST NEOIANLAG

$$\Downarrow \text{NEOIANLAG} = \frac{\text{LOG}(0.5)}{\text{LOG}(0.91)} \approx \underline{\underline{7.16}}$$

ANALISI DI INTEGRAZIONE

DFUURER W , LAGS(1) NBCONST RECESS

DFUURER W , LAGS(2) RECESS

DFUURER W , LAGS(2) TEND RECESS

DFULLEN IS, LAGS(2) NOCONST REGRESS

DFULLER D.IS, LAGS(2) NOCONST REGRESS

DFULLEN Y, LAGS(2) NOCONST REGRESS

DFULLEN D.Y, LAGS(2) NOCONST REGRESS

RISTINANE LL NAGELLO DL AZIZANDI MFINIDI
TWAFFONNORJO ALLA KAYUK M DIFFENENJZE

PRINE :

NEB D.15 D.Y L.D.15

ESTAR BGDSENEY, WAGS (A)

ANALISI DI CONTINGENZA

PER IS Y

PREOCCUPAZIONI, RESIDUALS

DEVIENZE, VARIABILI) NON COSTI

ECM

NEG D.15 D.Y L.UHAT

ESTAT BUDFNEY, WARS(2)

NEG D.15 L.D.15 D.Y L.D.Y L.UHAT

ESTAT BUDFNEY, WARS(2)

REG D.15 $L(1/2)$. D.15 $L(0/2)$. D.4 $L.VHAT$
ESTAR BGOODFENG, WAGS(1)

ECN

$$\Delta y_t = \beta \Delta X_t + \lambda \hat{U}_{t-1} + \varepsilon_t$$

Residuali ritardati ↘

$$y_t = \beta X_t + u_t \quad \text{Definition LR}$$

$\hookrightarrow \hat{K} \rightarrow \hat{u}_t = y_t - \hat{K} X_t$

$$\Delta y_t = \rho \Delta X_t + \lambda \underbrace{(y_{t-1} - \hat{K} X_{t-1})}_{\hat{u}_{t-1}} + \varepsilon_t$$

Проси: $y_t = 0$, x_t

$$\beta = 0$$

$$K = 1$$

$$\boxed{< 0}$$

$$\Delta y_t = \textcircled{X} (y_{t-1} - x_{t-1})$$

SE $y_{t-1} > x_{t-1}$, АУМАТ $\Delta y_t < 0$

SE $y_{t-1} < x_{t-1}$, АУМАТ $\Delta y_t > 0$