

1

$$Y = r + s_1 X_1 + s_2 X_2 + u :$$

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$$(1) \hat{Y} = 1 + X_1 + 7X_2, R^2 = 0.75$$

$$(2) \hat{Y} = 3 + 2X_1, R^2 = 0.70$$

$$(3) \hat{Y} = 1 + 3(X_1 - 2X_2), R^2 = 0.56$$

$$M = rY^{s_1} r^{s_2} e^u :$$

-M

GDP (real) -Y

-r

: ,1980-1998 ,

$$(1) \ln \hat{M} = 1.42 + 0.5 \ln Y - 0.05 \ln r, ESS = 0.047$$

1.32 (0.27) (0.15)

$$(2) \ln \hat{\frac{M}{Y}} = -1.06 + 0.22 \ln r, ESS = 0.057$$

במדגם של 88 משפחות, נחקר הקשר שבין ההוצאה החודשית על מזון (FoodC, בש"ח) לבין סך ההוצאה החודשית (C, בש"ח) של המשפחה, ונאמדו מספר מודלים:

מודל 1

$$FoodC = 1908 + 0.047C, R^2 = 0.382$$

(0.006)

מודל 2

$$FoodC = -13608 + 1674 \ln C, R^2 = 0.415$$

(214)

מודל 3

$$\ln FoodC = 2.52 + 0.54 \ln C, R^2 = 0.397$$

(0.072)

מודל 4

$$FoodC = 1216 + 0.084C - 0.0000003C^2, R^2 = 0.425$$

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(SLEEPH)

(TOTWRKH)

(AGE)

(EDUC)

:(-) 3

(1) $\hat{SLEEPH} = 62 - 0.24 TOTWRKH$ $ESS = 7208$ $R^2 = 0.244$
(0.24) (0.0345)

(2) $\hat{u} = -1.35 - 0.0002TOTWRKH - 0.17 EDUC + 0.04 AGE$ $R^2 = 0.005$

(1 () - \hat{u})

(3) $\hat{SLEEPH} = \gamma + s_1TOTWRKH + s_2EDUC + s_3AGE + u$

Source	SS	df	MS	Number of obs =	152
-----+-----				F(3, 148) =	18.68
Model	2150.6	3	716.87	Prob > F =	0.000
Residual	5679.7	148	38.38	R-squared =	0.27
-----+-----				Adj R-squared =	0.26
Total	7830.3	151	51.86	Root MSE =	6.19

sleeph	Coef.	Std. Err.	t	P> t	[95% Conf. Interval[
-----+-----					
totwrkh	-.226	.030	-7.48	0.000	-.286 -.167
educ	-.099	.184	-0.54	0.591	-.463 .265
age	-.003	.047	-0.07	0.945	-.097 .090
_ cons	63.9	3.67	17.42	0.000	56.65 71.15

	totwrkh	educ	age
totwrkh	0.0009		
educ	0.0002	0.034	
age	0.00004	0.003	0.002

(WORK1)

.WORK1+WORK2=TOTWRKH - ,(WORK2)

(4) $SLEEPH = \gamma + S_1TOTWRKH + S_2WORK1 + S_3WORK2 + u$