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.(Bishop, 1994)

.(Amini, 1995)

.(Abtahi & Kazemi, 2001)

.(Abtahi & Kazemi, 2001)

(Leung, 1997)

(Dekok, 1999)

(Feyzpoor, 2005)

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(Mehralizadeh, 2005)

(Dearden et al., 2006)

(Dodangeh & Nawehebrahim, 2005)

(Corisini, 1997)

$$NAP_i = \frac{y}{x_i}$$

$$Pm = \frac{O}{M}$$

Plp

Nplp

Value

Map

Labor

Mac

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$$Y = F(X_1, X_2, \dots, X_n)$$

(

Xn

Y

n

Transcendental

Quadratic

Cobb-Douglas

$$AP_i = \frac{y}{x_i}$$

(

F

$$ni = [Ni \delta 2] / [(Ni-1)D + \delta 2]$$

$$\ln Y = \ln \alpha 0 + \alpha 1 \ln X 1 + \alpha 2 \ln X 2 + \alpha 3 \ln X 3 + \alpha 4 \ln X 4 + B 1 X 1 + B 2 X 2 + B 3 X 3 + B 4 X 4 + B 5 D$$

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:N

:δ2

:D

:n

$$MPX = Y (\alpha + \beta / X)$$

(MPX)

Y

X

.(Negahban, 2003)

SPSS

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F

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(R2)

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	/	/	/	β0
	/ **	/	/	β 1
	/ **	/	/	β 2
	/ **	/	/	β 3
R2 = / DW = /				F = /

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(Bishop, 1994)

(Pilat, 1995)

(Corisini, 1997)

(Dearden, Reed & Reenon, 2006)

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(Leung,

1997)

(Dekok, 1999)

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(Wulong, 2000)

(Turcotte &

.Rennison, 2004)

(Dodangeh & Nawehebrahim, 2005)

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