

•

Distr.
GENERAL

E/ESCWA/EAD/2005/4
7 January 2005
ARABIC
ORIGINAL: ENGLISH

:

05-0028

--

.

.

-

.

.

.

.

.

.

-

.

.

.

.

.

.

.

.

:

.

)

.

.

-

(

.

.

--

()

)

(

:

()

()

.....
.....

..... -

..... -

..... -

..... -

..... -

..... -

..... -

..... -

..... -

..... -

..... -

..... -

..... -

..... -

..... -

..... -

..... -

..... -

..... -

..... -

..... -

()

..... -

..... -

..... - -

..... - -

..... - -

..... - -

..... :

..... -

..... :

..... -

..... -

() -

..... -

..... -

..... -

..... -

..... -

..... -

..... -

()

()

" "

()

()

:

:

.

.

.

.

.

.

:

.

()

()

(ODA)

()

"

"

()

) .

(

"

"

)

(

:

()

()

:

()

()

"

"

.(Goldstein, 1985)

.()

()

(Kakwani, 1993)

() :

()

()
()

N. Hicks and N. Streeten, "Indicators of development: the search for a basic : ()
needs yardstick", *World Development* 7, 1979; P. Dasgupta, "Well-being and the extent of its realization in poor countries",
Economic Journal 100 (400), Conference Papers, 1-32, 1990; and S. Annand and M. Ravallion, "Human development in poor
countries: on the role of private incomes and public services", *The Journal of Economic Perspectives*, 7 (1), 1993.

.(Newman and Thomson 1989)

(Mazumdar 1996)

()

()

(Ram, 1995)

(Goldstein, 1985)

(Preston, 1975)

(Prichett and Summers, 1996)

(Easterly, 1999)

(Barro and Sala-I- Martin, 1995)

(Bils and Klenow, 2000)

(Dollar and Kraay, 2000)

(Dollar, 2000)

()

()

()

R. Hall :) " "

and C. Jones, "What have we learned from recent empirical growth research? Levels of economic activity across countries", *American Economic Review*, May 1997; and "Why do some countries produce so much more output per worker than others?" in *The Quarterly Journal of Economics*, February 1999

W. Easterly and R. Levine, "Africa's growth tragedy: policies and ethnic divisions", *The Quarterly Journal of Economics*, :) (November 1997)

D. Filmer and L. Pritchett, *Child Mortality and Public Spending on Health: How Much :)* (*Does Money Matter?* [Washington, D.C., 1997, World Bank])

R. Waldman, "Income :) ." (distribution and infant mortality", *The Quarterly Journal of Economics*, November 1992)

J. Caldwell, "Routes to low mortality in poor countries", *Population and Development Review* 12, No. 2, :) . (June 1986)

(Newman and Thomson, 1989)

(Zuvekas, 1972)

()

(Grant, 1973)

(London and Williams, 1988)

(Sirinivasan, 1977)

(Mazumdar, 1996)

(Fedderke and Klitgaard, 1998)

(Mazumdar, 1996)

() (Streeten, 1977)

() ()

()

() (Chen and Dahlman, 2004)

() (Hanushek and Kimko, 2000)

" "

()

() (Anand and Ravallion, 1993)

(UNDP, 2004)

(World Bank, 2004)

()

Annand and Ravallion

()

()

()

.()

- -

-

-

:

()

(Barro, 1991)

.(Thomas and others, 2000) .

()

.(Chen and Dahlman, 2004)

.(Hickes, 1980)

()

.(Hicks, 1980)

.(Mazumdar, 1996)

.(Goldstein 1985, Mazumdar, 1996)

.(Ahmad and others, 2000)

-

-

_____ :
()

:
()

() : ()

.()

)

(

(

)

(

)

(

)

()

)

(

()

()

()

.
.
()
()

.
.
()
:

)
(

.(Hicks, 1980)

- -

(World Bank, 1993)

.

.(Pritchett and Summers, 1996)

()

(N. Kakwani, 1997)

0

()

N. Kakwani, "Growth rates of per capita income and aggregate welfare: an international comparison," : ()
Review of Economics and Statistics 79 (2): 201-11

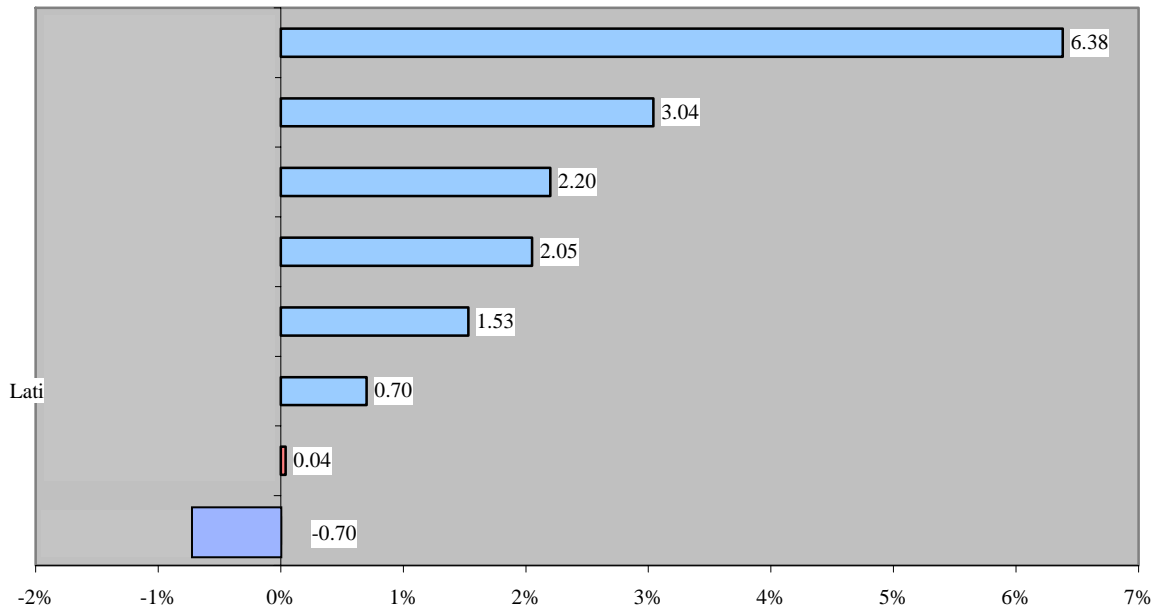
(% , /% , -) - : () ()
- (% , /% ,) - (% , /% ,) - (% , /% ,)

(,)

()

()

()



()

()

()

()

()

()

()

- -

()

-

()

-	-	-	-	-	-	-	/
'	'	'	'	' -	' -	'	
'	'	'	'	'	'	'	
'	'	'	'	' -	' -	'	
' -	'	'	' -	'	' -	' -	
'	'	'	'	'	'	'	
'	'	'	'	'	'	'	
'	'	'	'	'	'	'	

: _____

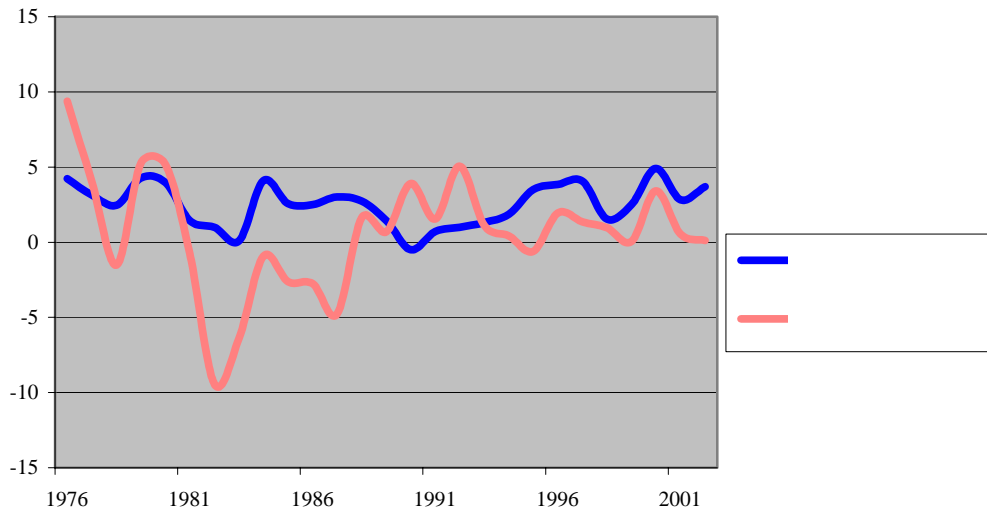
: _____

:

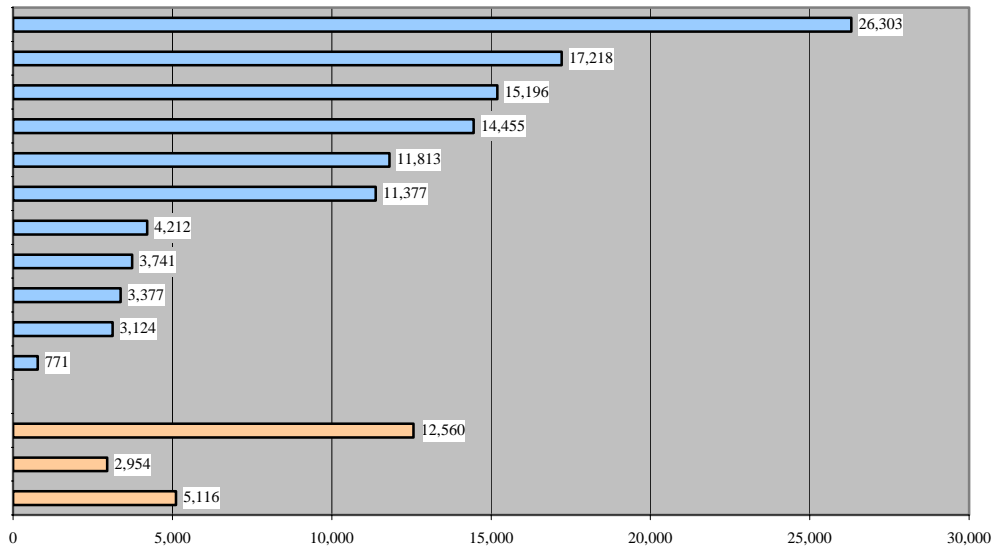
- ()

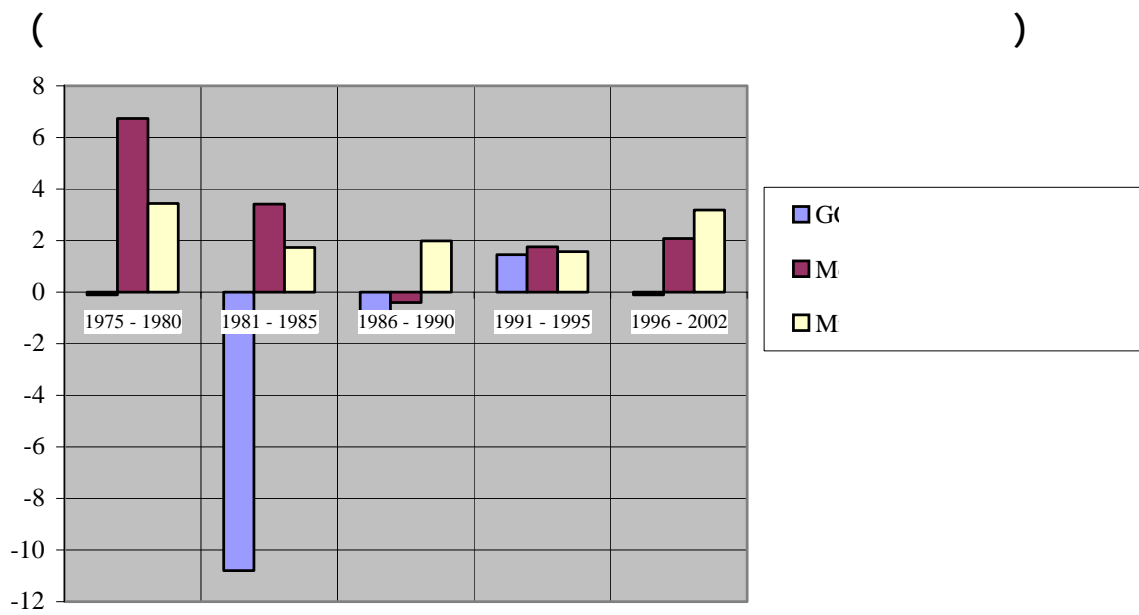
-

()

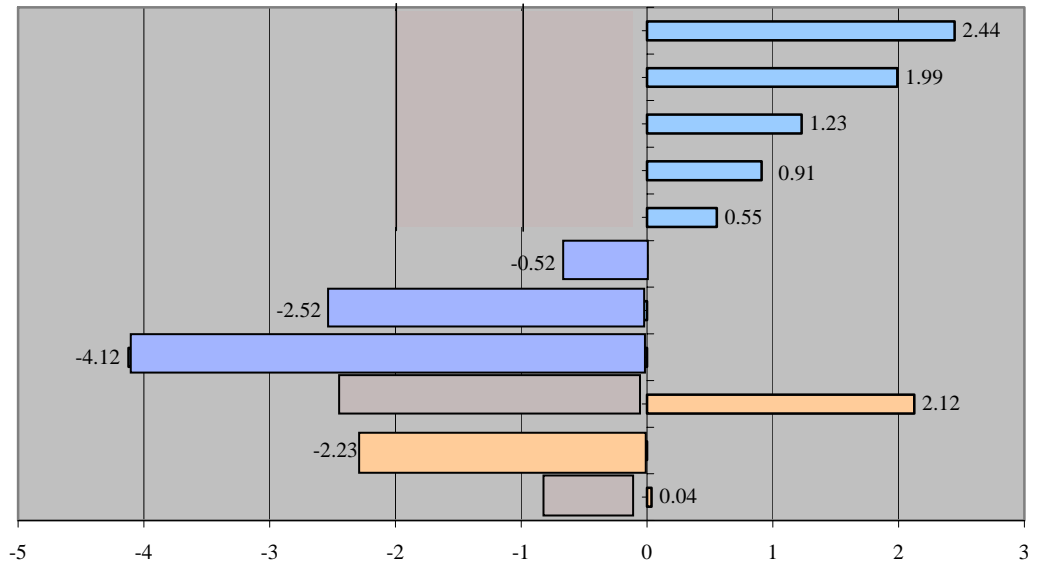


()





()



:
:
:

- -

(,)

-

()

-	-	-	-	-	-	-	
0,	(),	,	(),	(),	,	..	
,	,	,	,	,	,	,	
,	,	,	,	,	,	,	
,	,	,	,	,	,	,	
,	,	,	,	,	,	,	
,	,	,	,	,	,	,	
,	,	,	,	,	,	,	
..	,	,	,	
,	,	,	,	,	,	,	
..	,	,	,	,	
,	,	,	,	,	,	,	
,	,	,	,	,	,	,	

:-

()
()
()
()

(, -)

(-)

()

S. Makdisi, Z. :

()

Fattah, and I. Limam, "Determinants of Growth in Arab Countries", Arab Planning Institute Working Paper Series, No. 03/01 (Kuwait, 2000); X. Sala-i-Martin and E. Artadi, "Economic Growth and Investment in the Arab World", Economics Working Paper No. 683, Department of Economics and Business, Universitat Pompeu Fabra (Barcelona, 2003); G. Abed and H. Davoodi, "Challenges of Growth and Globalization in the Middle East and North Africa" (Washington, D.C., International Monetary Fund, 2003);and D. Hakura, "Growth in the Middle East and North Africa", IMF Working Paper (2004).

()

" "

(Hakura, 2004)

" "

(Hakura, 2004)

(Makdisi, Fattah and Limam, 2000)

()

X. Sala-i-Martin, "I Just Ran Four Million Regressions", Columbia University and :
Universitat Pompeu Fabra Working Paper.

()

()

()

() (Hakura, 2004)
()

" "

(Hakura, 2004) (Makdisi, Fattah and Limam, 2000)

(Abed, 2003)

(Abed, 2003)

(Hakura, 2004)

(Pritchett, 1999)

(Sala-i-Martin, 2002) (Hakura, 2004)

()

()

" "

()
(Makdisi, Fattah, and Limam, 2000)

(Hakura, 2004)

()
(Hakura, 2004)

" - " (Pritchett, 1990)

()

()

()

()

.(Abed, 2003)

(Makdisi, Fattah, and Limam, 2000)

(Hakura, 2004)

()

(Hakura, 2004)

(Makdisi, Fattah and Limam, 2000)

()

" "

()

()

()

(Chakraborty, 2003)

: ()

- -

()

()

()

()

()

:

(Annand and Bavallion, 1993)

(Chakraborty, 2003)

-

- -

()

- -

)

() () ()
() () ()

- -

0									
,	,	,	,	,	,	,	,	,	,
,	..	,	,	,	,	,	,	..	,

- - ()

()

/	/	/	()	/	/	/	/	
/	..	/	/	/	/	/	/	
/	/	/	/	
/	/	/	/	/	/	/	/	
/	..	/	/	/	/	/	/	
/	/	/	/	/	/	/	/	
/	..	/	/	()
/	/	/	/	/	/	
/	/	/	/	/	
/	/	/	/	/	/	
/	/	/	/	/	/	

[.http://www.worldbank.org](http://www.worldbank.org)

.(-)

()
()

()								
	
	
	..							
	()
					
						
						
						

[.http://www.worldbank.org](http://www.worldbank.org)

.(-)

()
()

- -

-

) .
()

() ,) (,)
() ,)

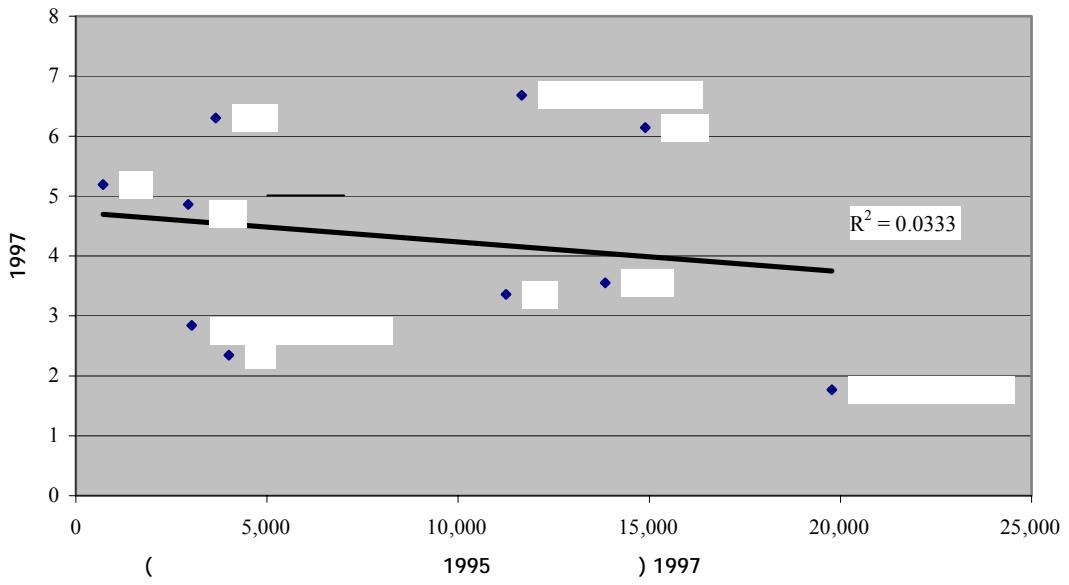
) .

()

()

(

()

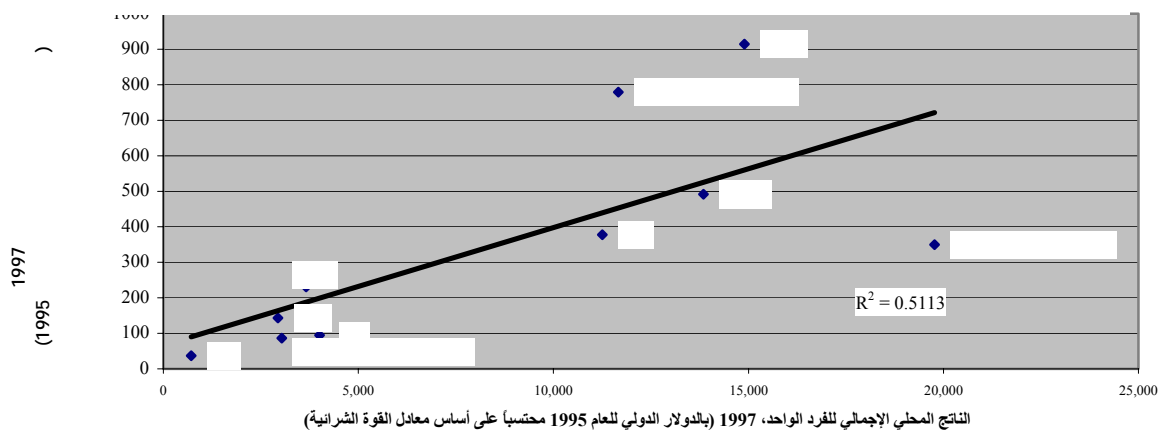


R^2

()

()

()



R^2

()				()				
'	'	'	'	'	'	'	'	'
'	'	'	'	'	'	'	'	'
'	'	'	'	'	'	'	'	'
'	'	'	'	'	'	'	'	'
'	'	'	'	'	'	'	'	'
'	'	'	'	'	'	'	'	'
'	'	'	'	'	'	'	'	'
'	'	'	'	'	'	'	'	'
'	'	'	'	'	'	'	'	'
'	'	'	'	'	'	'	'	'
'	'	'	'	'	'	'	'	'
'	'	'	'	'	'	'	'	'
'	'	'	'	'	'	'	'	'
'	'	'	'	'	'	'	'	'
'	'	'	'	'	'	'	'	'
'	'	'	'	'	'	'	'	'

- -

-

.()

)
)

()

()

.() -

(
.(

(

)

()

)

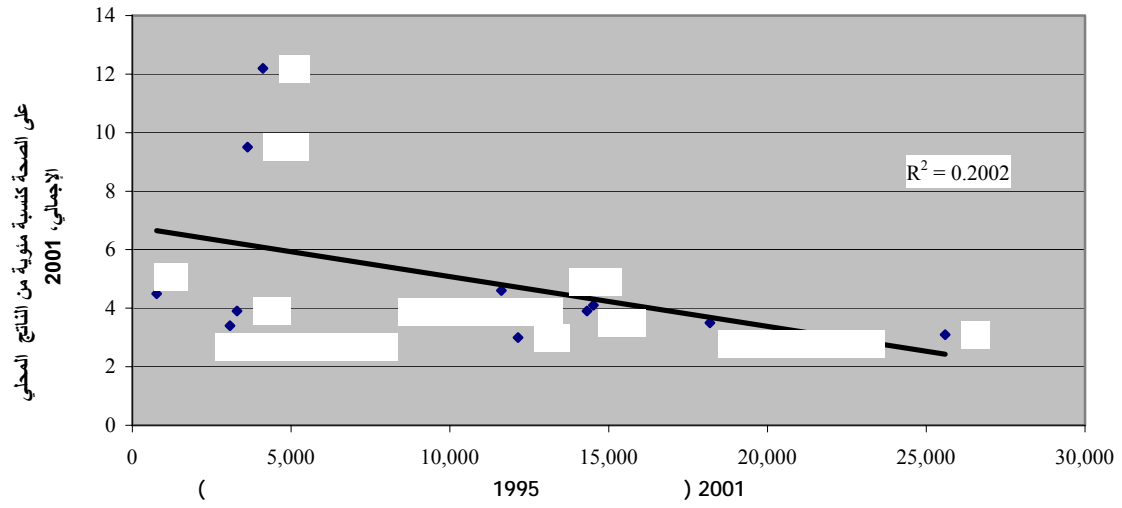
.(

()

,

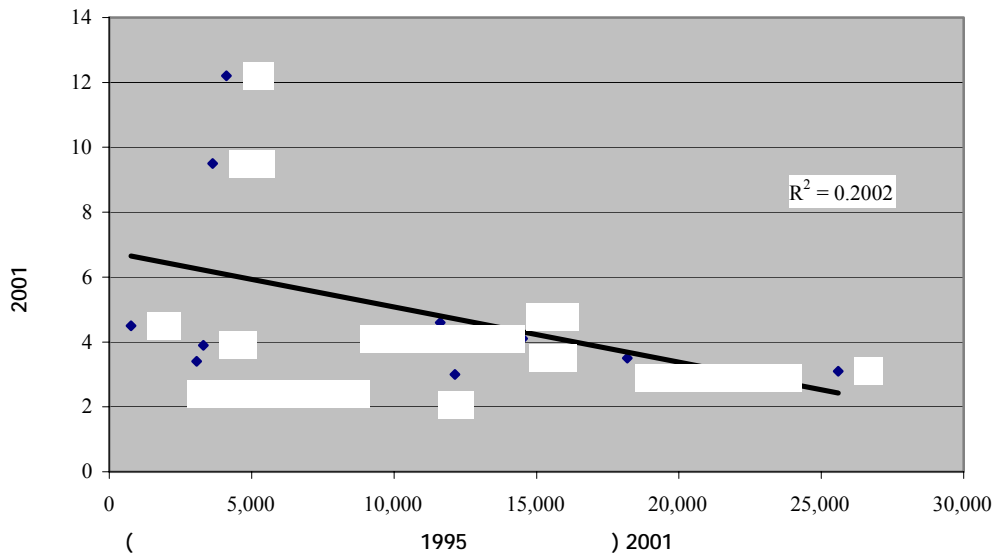
()

()



R²

(Musgrove 1996; Schieber and Maeda, 1999)



R²

.()

.()

()

()

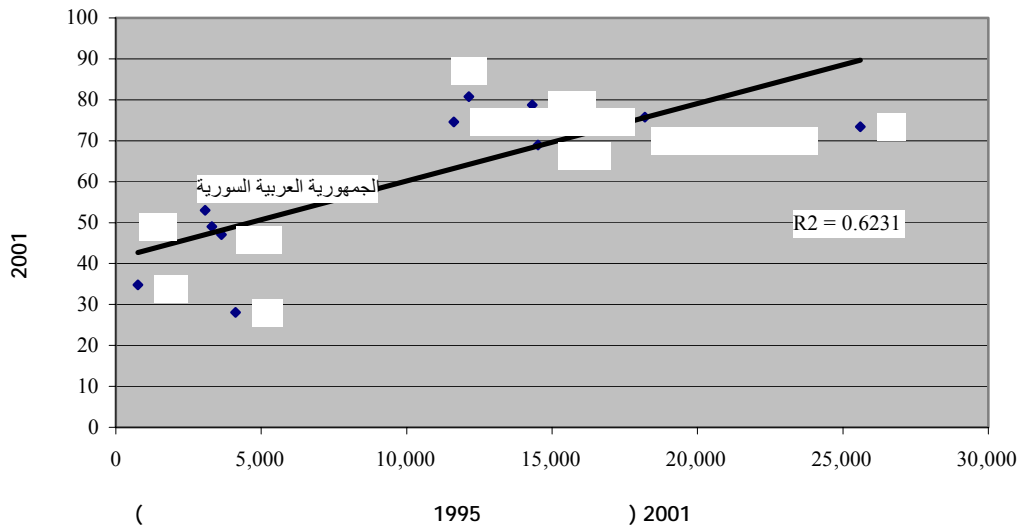
.()

.()

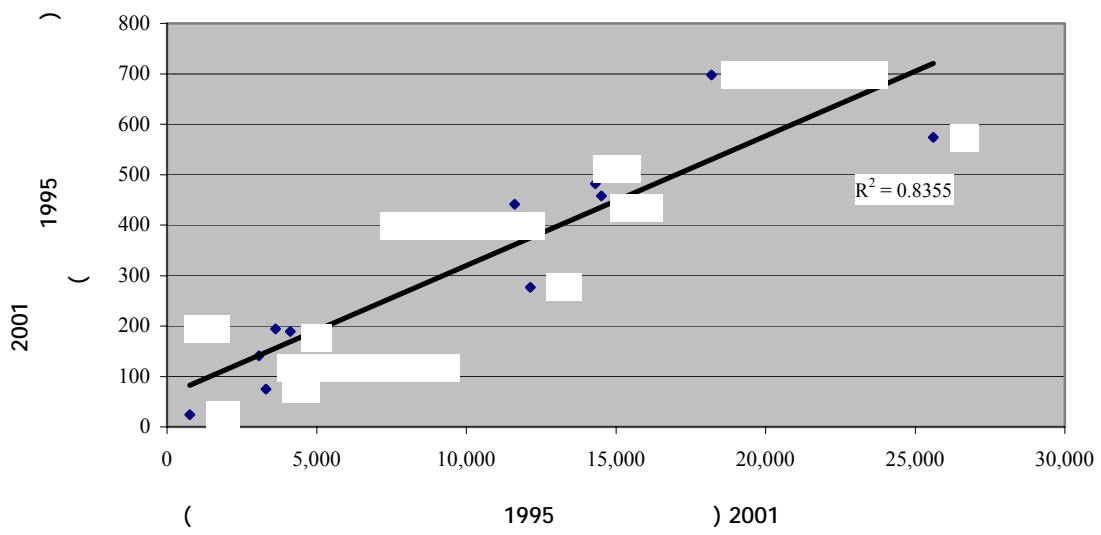
()

(Schieber and Maeda, 1999)

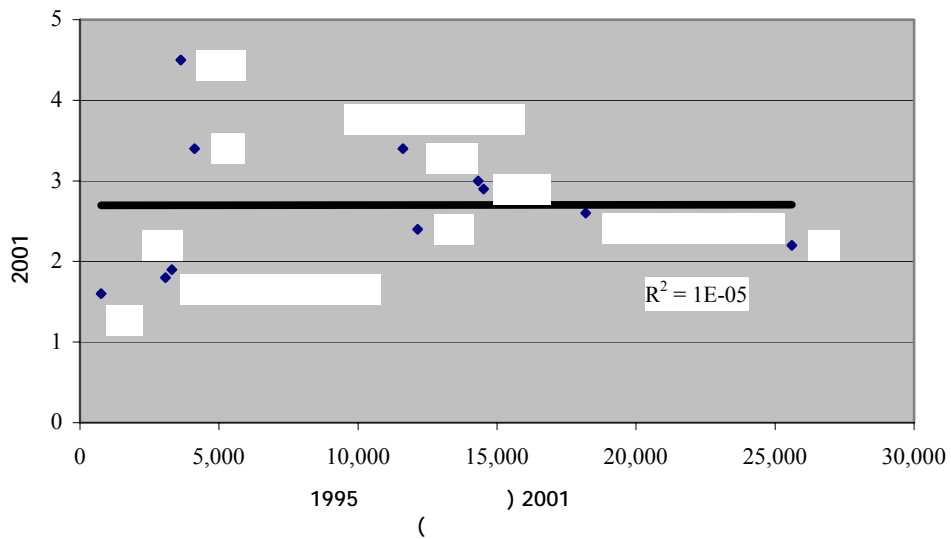
()



R^2



R^2



R^2

- -

-

-

()

()

()

(-)

(-)

(-)

()

()

()

()

()

.()

()

(, -)

.() (,)

' (,)

.(

)

(-

)

)

.() (,)

()

.(,)

() (

)

()

.(-

()

.()

()

()

- -

-

() ()

)

-

(

(Barro, 1991)

-

(Barro and Lee, 2001)

(Cohen and Soto, 2001)

-

()

(Cohen and Soto)

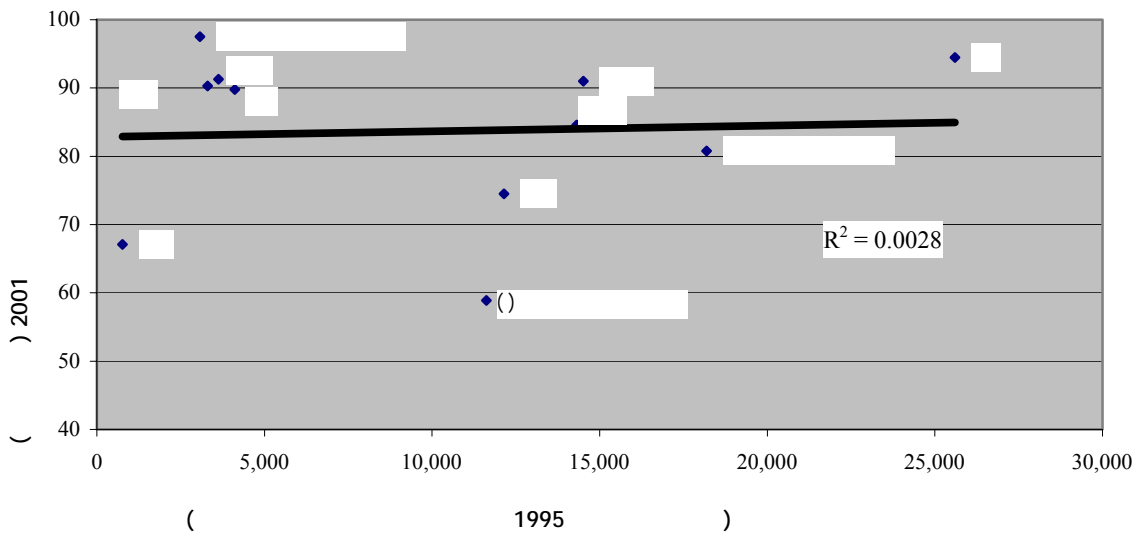
(Barro and Lee)

(,)

()

" "

()

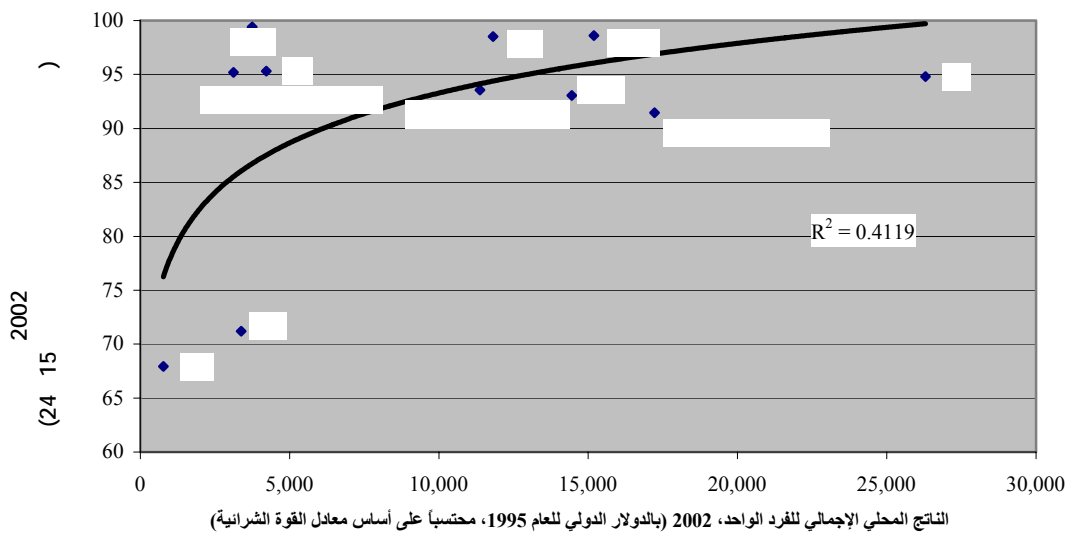


R^2

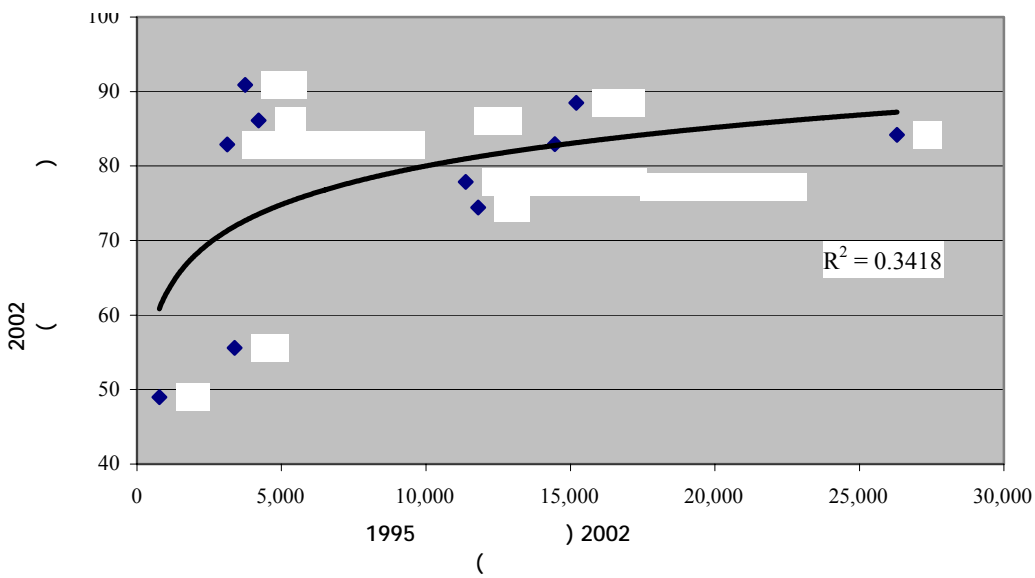
()

)

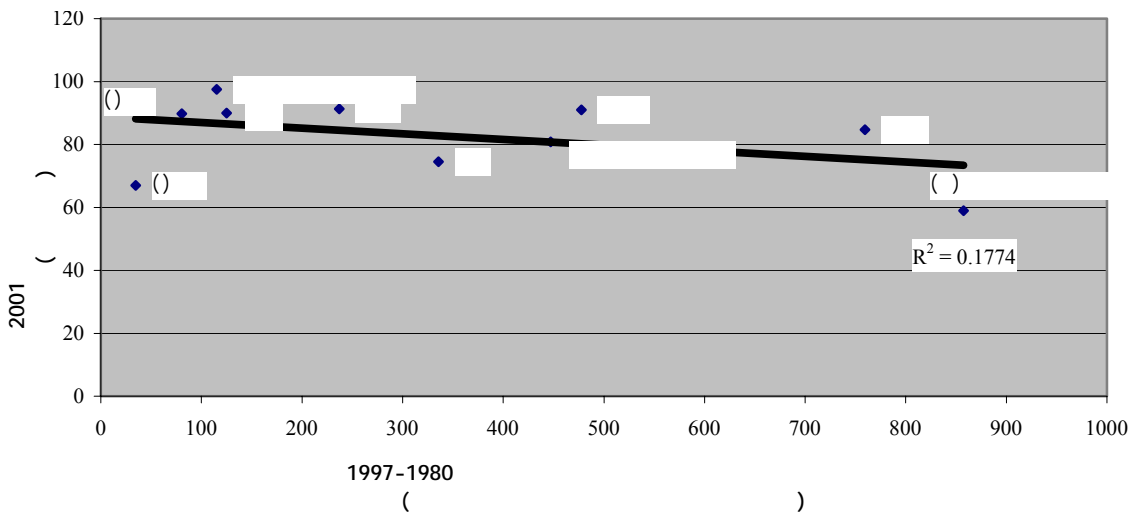
.(



R²

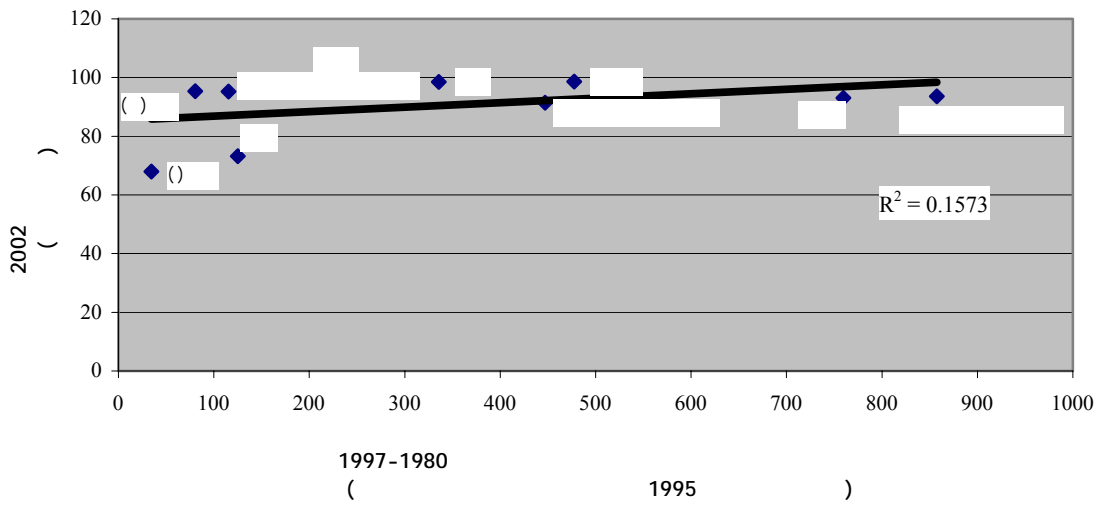


R²



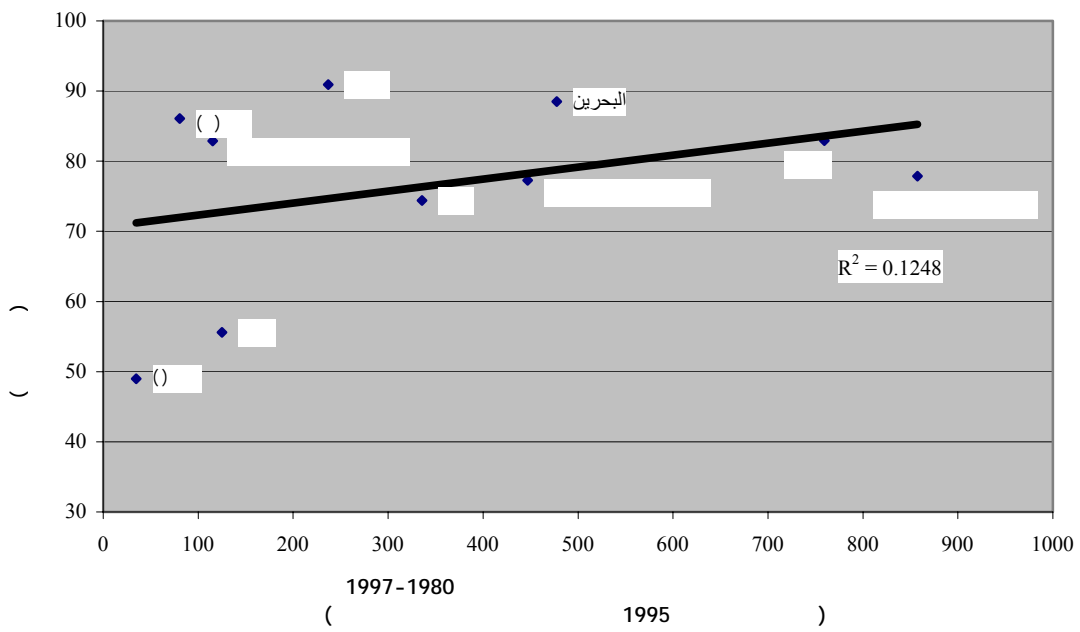
R^2

()
()



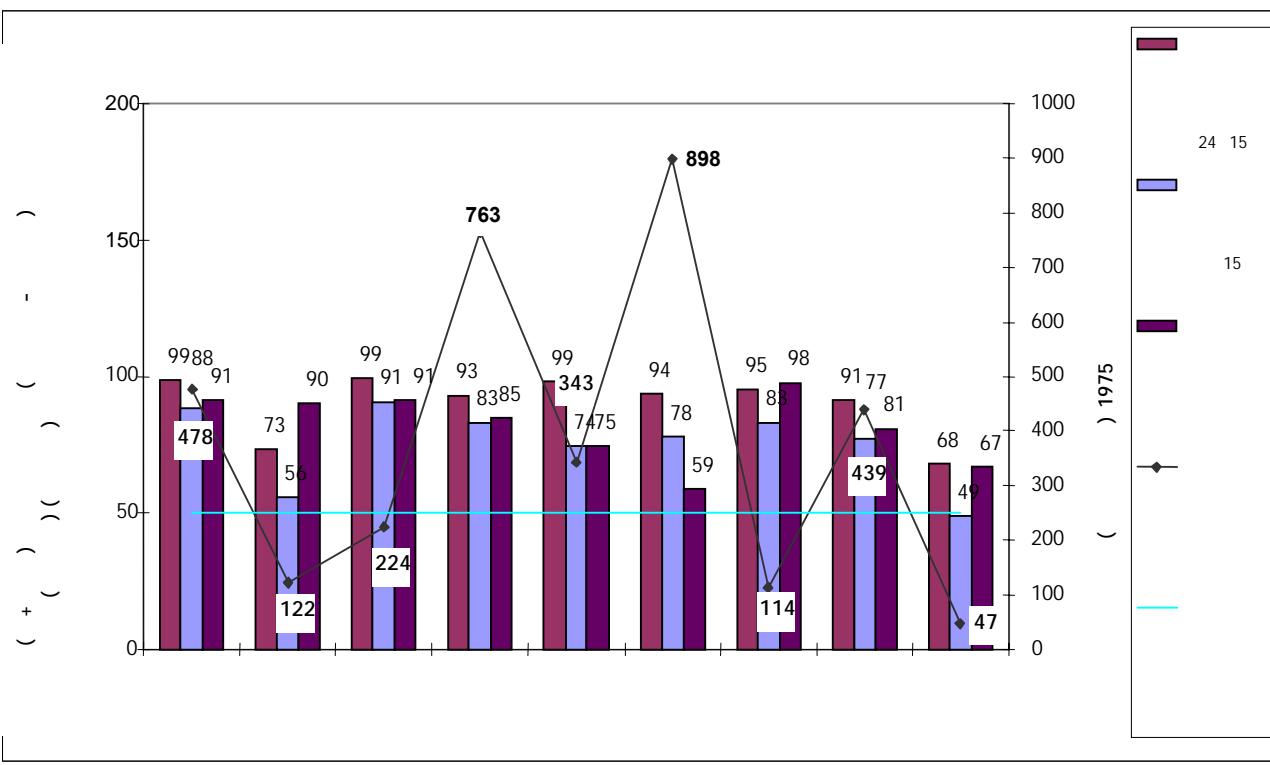
R^2

()
()



R^2

()
()



(Kremer, 1995)

(Hanushek, 1995)

()

(Thomas and others, 2000b)

.(Thomas and others, 2000b)

-

)

.()

(

.(

()

()

)

(-

)

,

(

)

()

.(-)

.()

()

()

.() ()

()

()

.() (- -)

.()
()

()

()

()

-

)

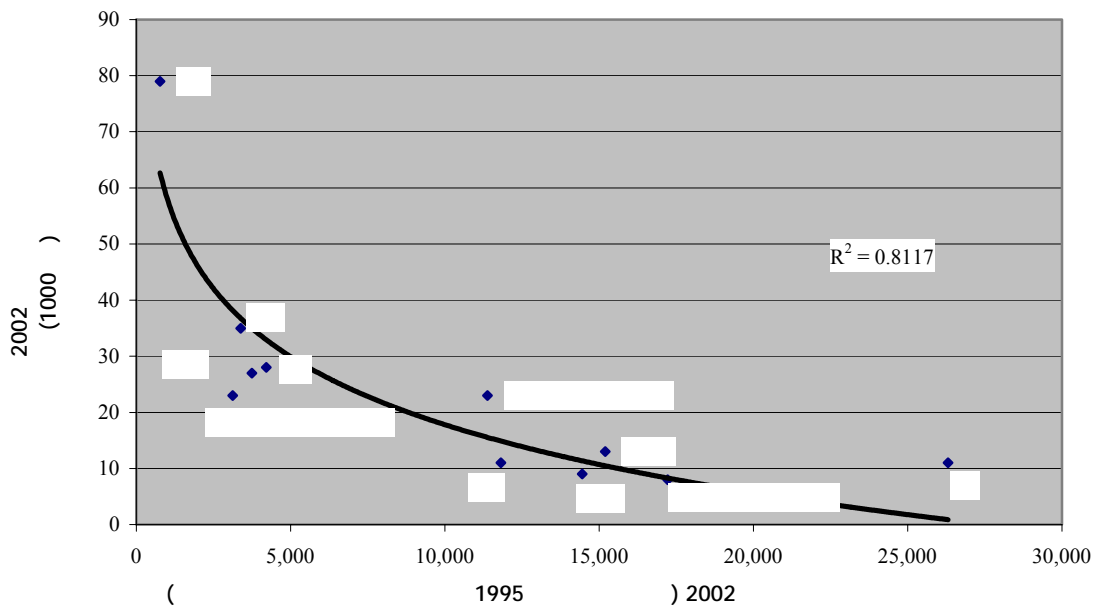
.()
()
()

(

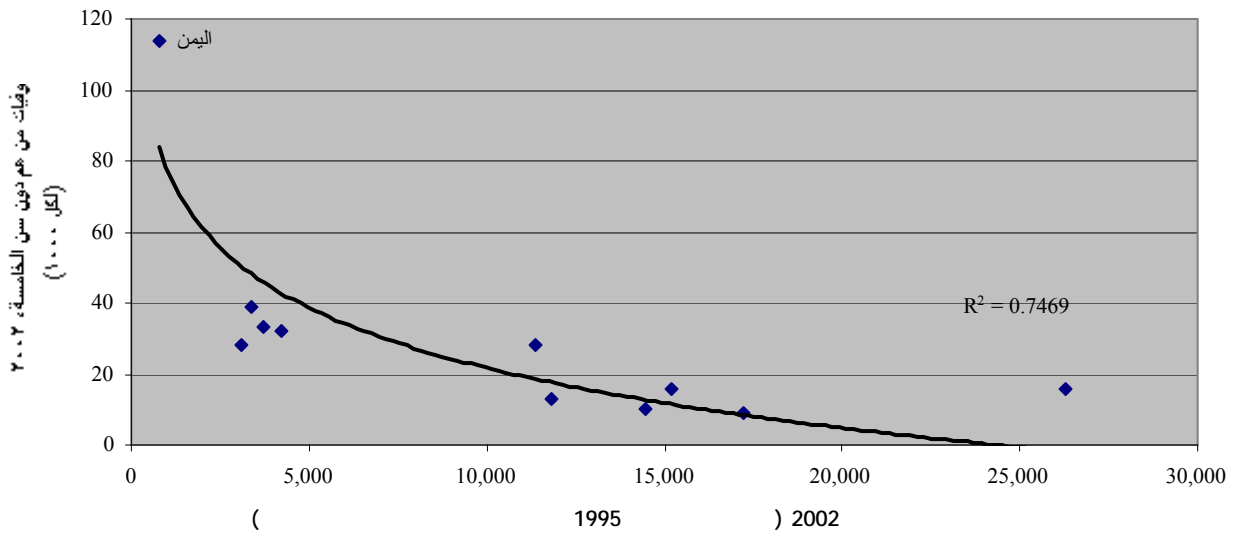
.(- -)

()

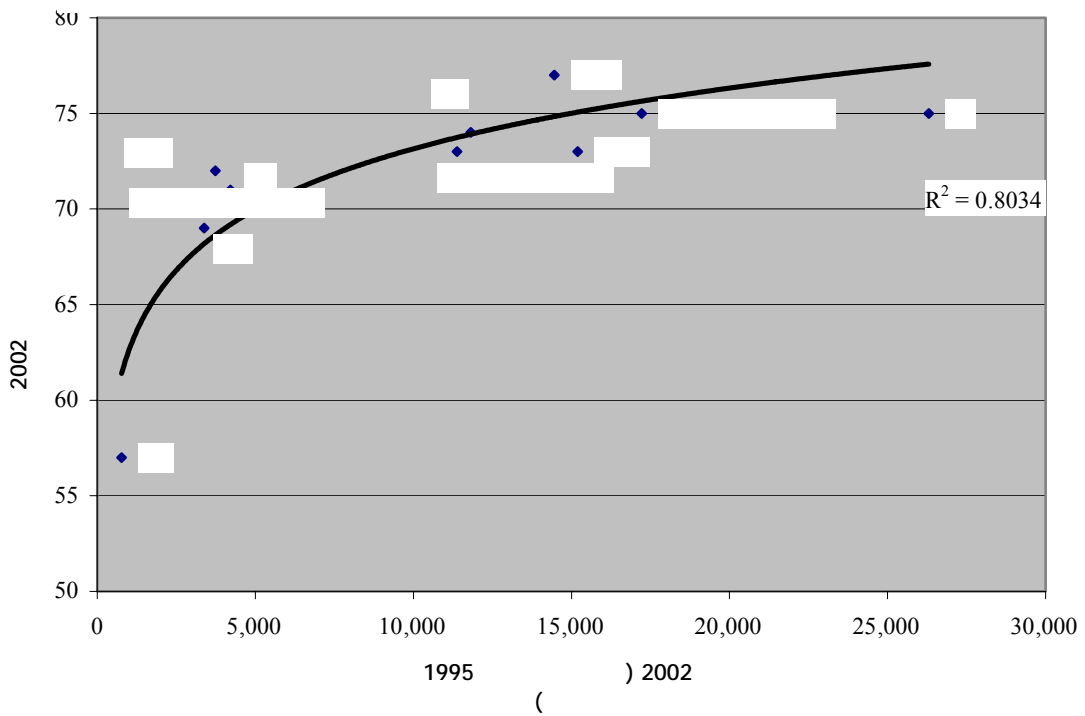
()



R² : _____
 : _____



R²



R²

. () .

)

. (

.(Schieber and Maeda, 1999)

. ()

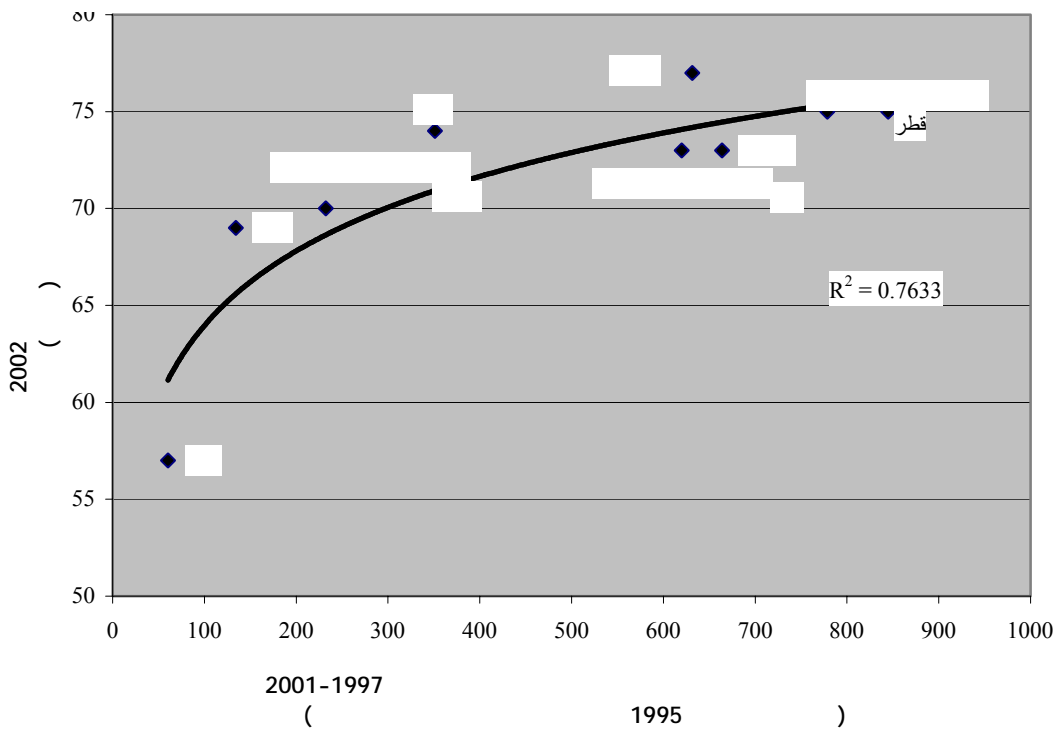
. ()

)

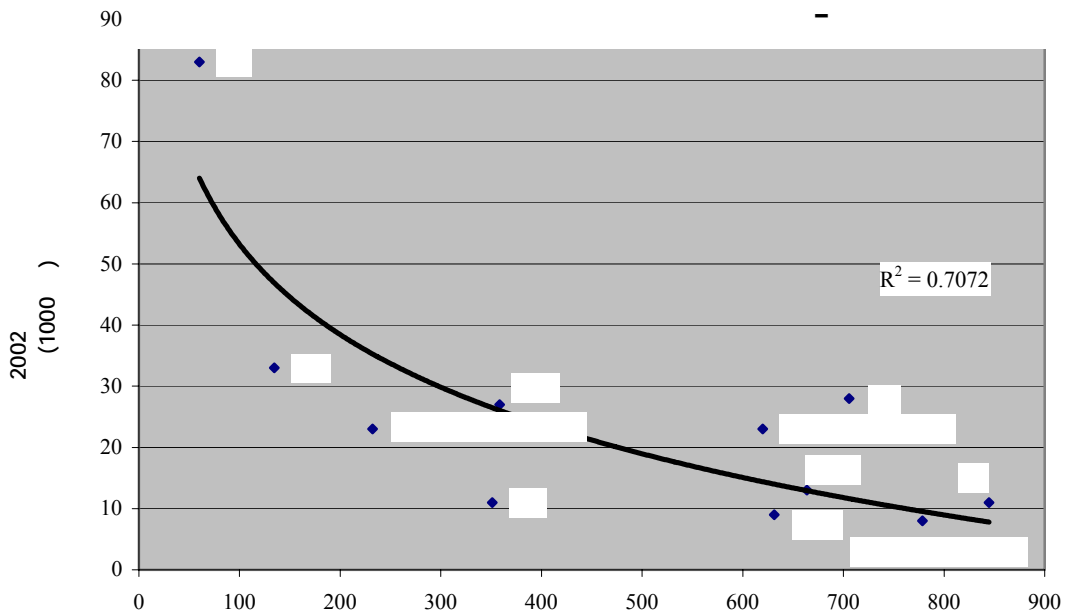
(

. () ()

()

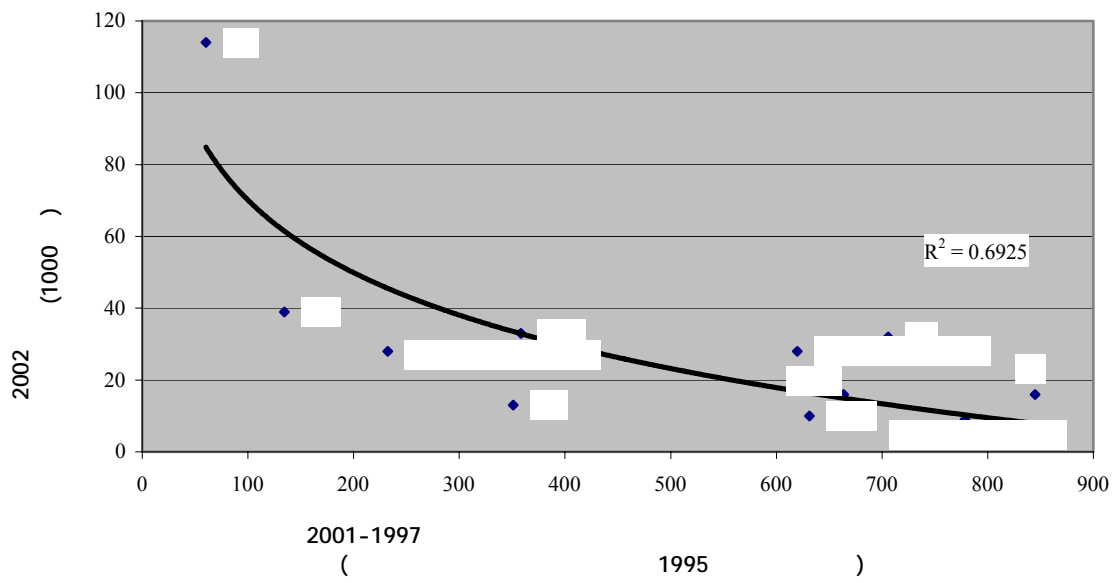


R²



الإتفاق العام السنوي للفرد الواحد على الصحة، المتوسط للسنوات 2001-1997
(بالدولار الدولي لعام 1995، محتسباً على أساس معادل القوة الشرائية)

R²



R²

(Filmer and Pritchett, 1998)

(Bidani and Ravallion, 1995)

.(Musgrove, 1996)

.(

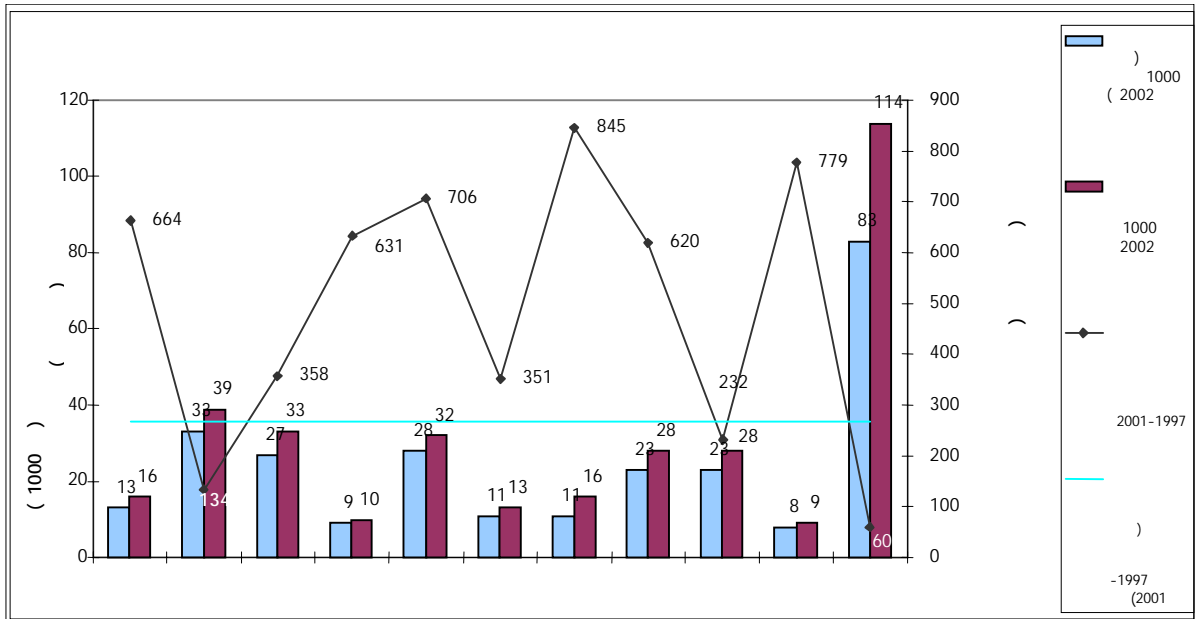
(Pritchett, 1996; Reinikka 2001; Reinikka and Severson, 2002)

()

()

()

()



www.worldbank.org

www.who.int

: _____
(WHO)

()

()

- -

-

.()

:

-

.

.

.

.

.

.

.()

.

.()

)

- -

(

.

()

.

- -

.(-)

-

.

()

.

- -

.

)

.(

()

:

.()

.(R2 = 0.15)

()

()

R2

- -

- -

:

()

(- -)

()

.(Kakwani, 1993)

(Fedderke and Klitgaars, 1998)

(Easterly, 1999)

" "

-

.() -

(Preston,

1975)

() ()
()

()

()

)

(

(Annand and Ravallion 1993)

()

(
(P. Dasgupta

) ()
) . :

()

()

(ODA)

()

(Chakraborty, 2003)

)

" (Easterly and Levine)

)

(Waldman)

(Caldwell)

()

(Hall and Jones

(Filmer and Pritchett

)

- -

:

()

)

()
(Annand and Ravallion, 1993)

(
(Ahsan and Pehazi, 2004)

()

()

()

()

()

(-)

(-)

(-)

()

()

(-)

()

:

(-)	
(-)	
(-)	
(-)	
(-)	

()

()

(-)	
-------	--

•
•

:

$$\log SI_{i,t}^X = \alpha_i + \beta_1 \log GDP_{i,t-5} + \varepsilon_{i,t} \quad ()$$

$$\log SI_{i,t}^X = \alpha_i + \beta_1 \log GDP_{i,t-5} + \beta_2 \log PS_{i,t-5}^X + \varepsilon_{i,t} \quad ()$$

= SI
 = X
 = α_i
 = GDP
 = PS

() () () ()

" "

" "

()

()

()

()

() " "

" "

(Pritchett and Summers, 1996)

.()

.()

()

)

(

(Annand and Ravallion, 1993)

.(Chakraborty, 2003)

()

()

- -

-

()

()

()

()

()

()

()

()

()

) .() ()

.(

()

:

()

()

()

()

()

()

()

(•)

()

.()

()

()

()

()

()

()

(•)

(Bloom and others, 2001)

()

“Education in the Middle East and North Africa: A Strategy Towards :
Learning for Development”, Middle East and North Africa Region, 1999.

()

()

()

“ ”

()

)

.(

.()

:

:

(WDI)

- :

- :
- :
- :

:()

•

(WDI)

- :

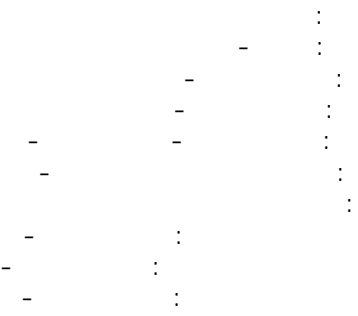
- :
- :

)

:(

•

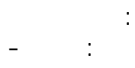
(WDI)



:

•

(WDI)



:()

•

(WDI)



:()

•

(WDI)



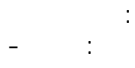
:(

)

•

()

(WHO)



)

:(

)

•

(

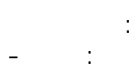
)

(

.()

(

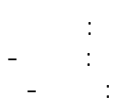
)



(

)

:



- -

- :
- :
- :

:(

)

•

(WHO)

- :

:

•

(WHO)

- :

:(

)

•

(WHO)

- :

:(

)

•

)

(

(

)

- :

(

)

:

- :
- :
- :
- :

-

-

:

-

:

- -

/

- -

	%		%		%		%		%		%		%		%

..

() -

								()						
	%		%		%		%		%		%		%	
	/		/		/		/	0	0	..	..		/
	/		/		/		/		/		/	
	/		/		/		/		/		/	
	/		/		/		/		/		/	
	..		/		/		/		/		/	
	/		/		/		/		/		/	
	/		/		/		/		/		/	
	/		/		/		/		/		/	
	/		/		/		/		/		/	
	/		/		/		/		/		/	
	/		/		/		/		/		/	
	/		/	..	/		/		/		/	
	/	..	/		/		/		/		/	
	/	..	/	..	/		/		/		/	
..	/	..	/		/		/		/	
..	/	..	/		/		/		/	
..	/	..	/		/		/	
..	/	..	/		/	/	
..	/	..	/		/	/	
..	/	..	/	..	/	/	
..	/	..	/	..	/	/	
..	/	..	/	..	/	/	
..	..	..	/	..	/	..	/	..	..	..	..	..	/	0

<http://www.worldbank.org> : _____

.() : _____

()

()

-

-

- -

- -

()

							(
..	
..	
..		
..	
..		
..	
..	
..	
..	
..	
..	
..	
..	
..	
..	
..	

() (-)

<http://www.worldbank.org>

: _____

()

()

- -

- -
)

(

							0														
	
	
	
	
	
	
	
	
	
	
	
..	
..	
.		(-)

<http://www.worldbank.org>

: _____

()

- -

- -

(-)

							0												
..													
..													

<http://www.worldbank.org>

-) (: _____

()

- -

- -

()										
..	/	/	/	/	/	/	/	/	/	
..	/	/	/	/	/	/	
..	/	/	/	/	/	/	/	/	/	
..	/	/	/	/	/	/	/	/	/	
..	/	/	/	/	/	/	/	/	/	
..	/	
..	/	/	/	/	/	/	/	
..	/	/	/	..	/	..	/	..	/	
..	/	/	/	..	/	..	/	..	/	
..	/	/	/	..	/	..	/	..	/	
..	/	/	/	..	/	..	/	..	/	
..	/	/	/	..	/	..	/	..	/	
..	/	/	/	..	/	..	/	..	/	
..	/	/	/	..	/	..	/	..	/	
()										
/	/	..	/	..	/	..	/	..	/	
/	/	..	/	..	/	..	/	..	/	
/	/	..	/	..	/	..	/	..	/	
/	/	..	/	..	/	..	/	..	/	
/	/	..	/	..	/	..	/	..	/	
/	/	..	/	..	/	..	/	..	/	
/	/	..	/	..	/	..	/	..	/	
/	/	..	/	..	/	..	/	..	/	
/	/	..	/	..	/	..	/	..	/	

0

Cohen and Soto, "Growth and Human Capital: Good Data, Good Results" (2001), Barro and Lee, "International Data on Educational Attainment: Updates and Implications : _____ (2001).

()

- -
() - -

							0													

<http://www.worldbank.org>

-)
(
:
(

- -

- -

(%)	%)	(%))))					
((((((
				-		(,)	(, -)	(, -)		⁰ (-)
						(,)	(, -)	(, -)		⁰ (+)
						(,)	(, -)	(, -)	()	
						(, -)	(, -)	(, -)		
						(, -)	(, -)	(, -)		
						(, -)	(, -)	(, -)	()	
						(, -)	(, -)	(, -)		
(,)	(, -)	(, -)	(,)	(, -)	(,)	(,)	(, -)	(, -)	()	/
(,)	(, -)	(, -)	(,)	(, -)	(,)	(,)	(, -)	(, -)		/
(, -)	(, -)	(, -)	(, -)	(, -)	(, -)	(, -)	(, -)	(, -)	()	
						(, -)	(, -)	(, -))
						(, -)	(, -)	(, -)		(
						(, -)	(, -)	(, -)		%)
						(, -)	(, -)	(, -)		(
						(, -)	(, -)	(, -)		(
						(, -)	(, -)	(, -)		(%)

www.worldbank.org

: _____

:

: _____

()

(•)

()

()

()

()

()

							0													
															..					
															..					
															..					
																				(-)

- -

- -

()

							()	0												
									

www.who.int

www.worldbank.org

: _____

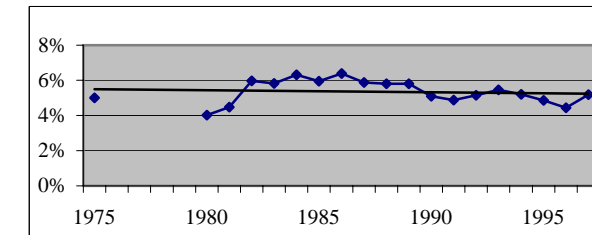
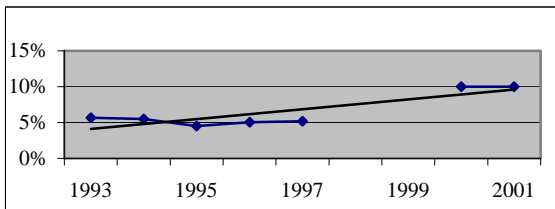
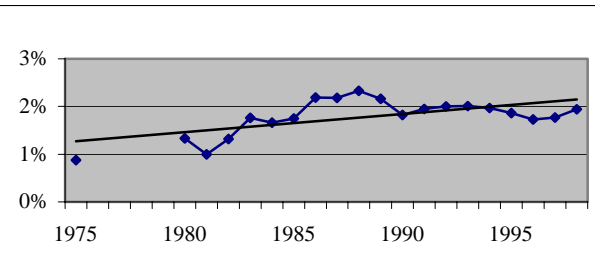
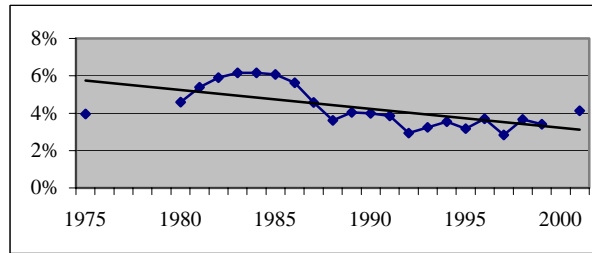
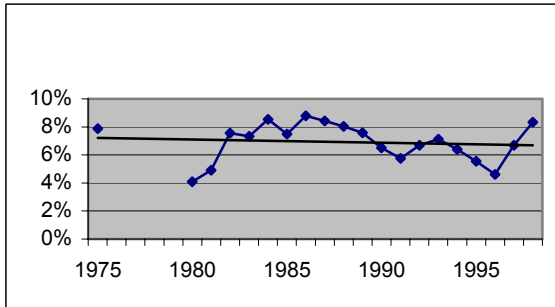
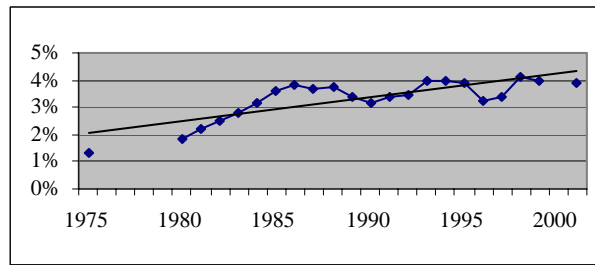
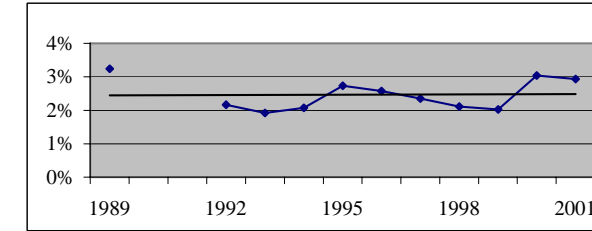
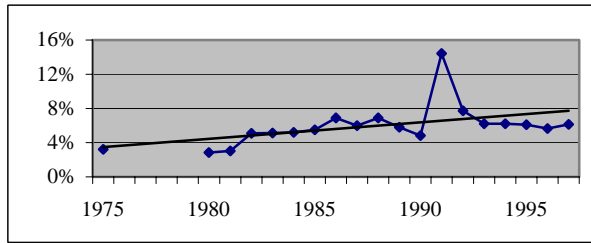
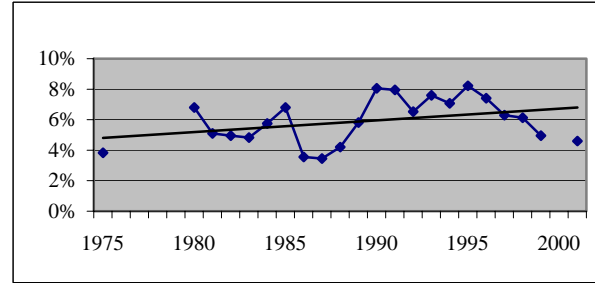
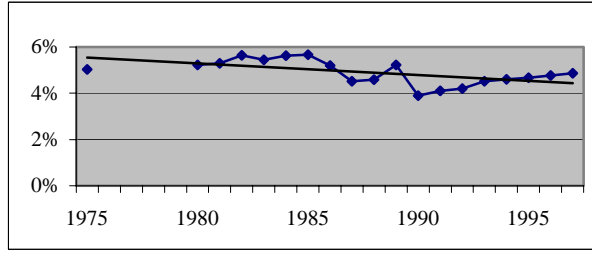
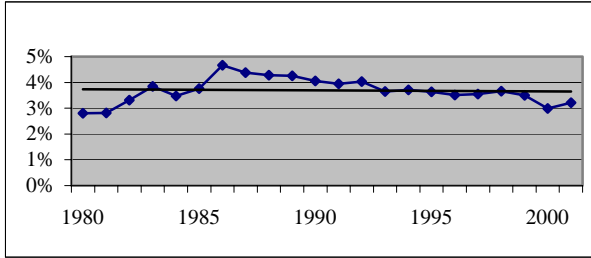
()

()

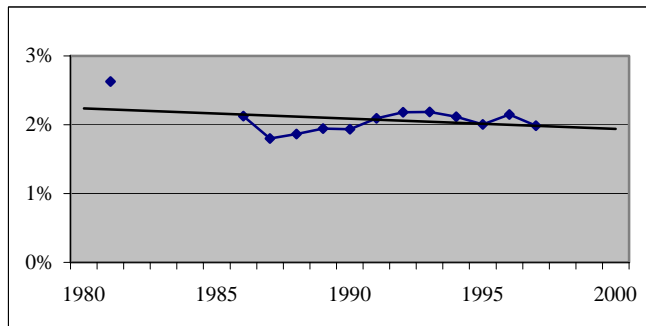
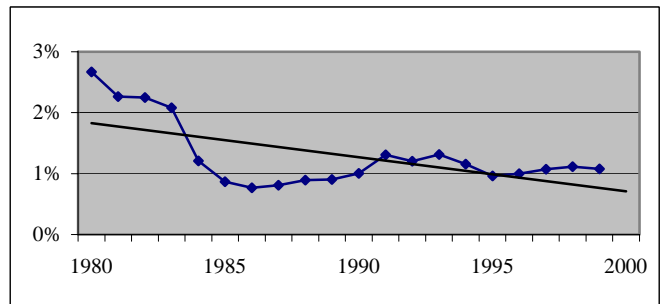
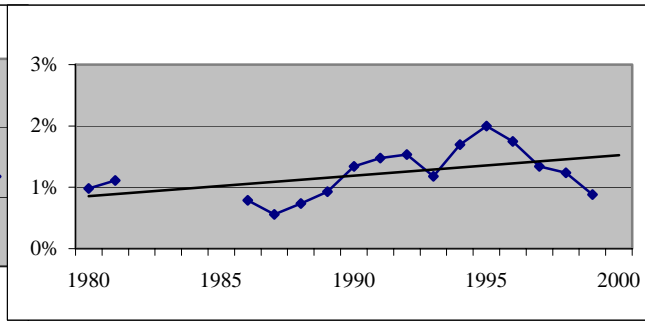
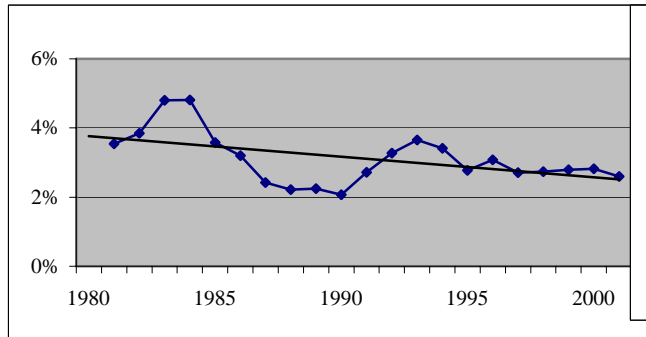
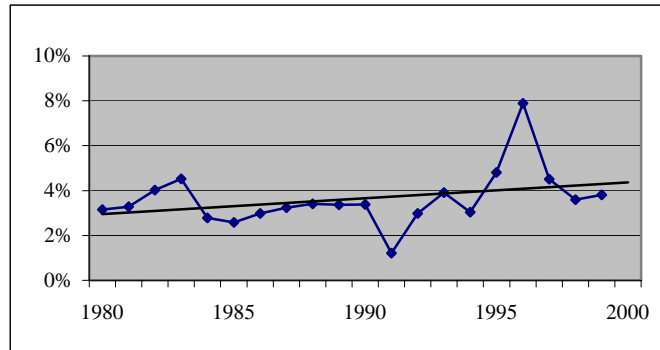
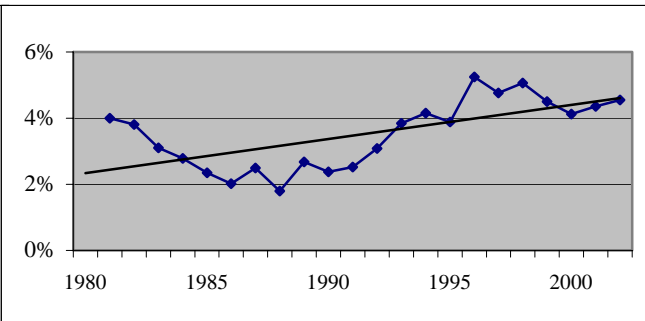
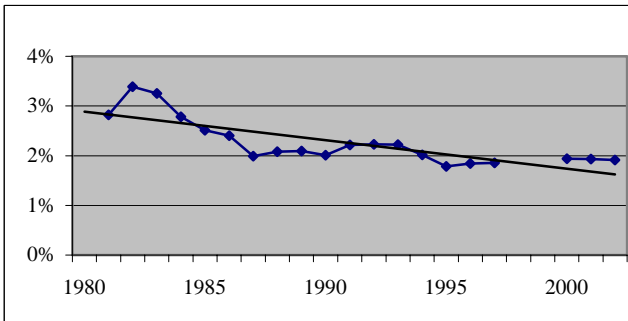
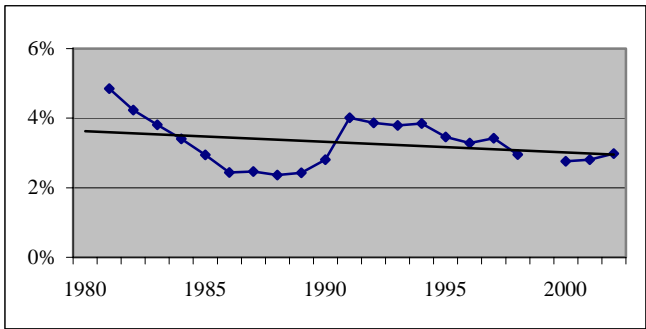
()

- -

- - -



- -
- - -
()



: _____

:

- -
() - -

..	/	..	/	/	/	..	/	/	/	/	..	/	/	
..	/	..	/	/	/	..	/	/	/	/	..	/	/	
..	/	..	/	/	/	..	/	/	/	/	..	/	/	
/	/	..	/	/	/	/	/	..	/	/	/	/	..	/	..	/	/	/	/	
/	/	..	/	/	/	..	/	/	/	/	/	/	/	..	/	..	/	/	/	
/	/	/	/	..	/	/	/	/	/	/	/	
/	/	/	/	/	/	/	
/	/	/	/	..	/	/	/	/	/	/	
/	/	/	/	/	/	/	
/	/	..	/	/	/	..	/	/	/	/	/	/	/	..	/	..	/	/	/	
/	/	..	/	/	/	..	/	/	/	/	/	/	/	..	/	..	/	/	/	
/	/	..	/	..	/	..	/	/	/	/	/	/	/	..	/	..	/	/	/	
/	/	..	/	/	..	/	/	/	..	

()

- -

..			
..			
			/		
..	/	..	
..	/	..	
..	/	/	/	..	
			/		/	
	/	/	..	
..	/	/	..	
..	/	/	..	
/			/		..		/		..		/			/		
/	/	/	/	/	..	
..			/		..		/			/		

- -
- -
()

..		
..		
		

..		

- Abed, G., and H. Davoodi. 2003. Challenges of growth and globalization in the Middle East and North Africa. International Monetary Fund. Available at: <http://www.imf.org/external/pubs/ft/med/2003/eng/abed.htm>.
- Ahmad, O., D. Lopez, and M. Inoue. 2000. The decline in child mortality: a reappraisal. *Bulletin of the World Health Organization*, 78 (10), 1175-91.
- Ahsan, S., and P. Pehazi. 2004. Achieving the MDGs in the Middle East and North Africa (MENA) Region. Concordia University Working Paper. Montreal.
- Ali, A.G.A. 2002. Building Human Capital for Economic Development in the Arab Countries. Kuwait, Arab Planning Institute.
- Annand, S., and M. Ravallion. 1993. Human development in poor countries: on the role of private incomes and public services. *The Journal of Economic Perspectives*, 7 (1), 133-150.
- Barro, R. 1991. Economic growth in a cross section of countries. *The Quarterly Journal of Economics*, 106 (2), 407-443.
- Barro, R., and J. Lee. 2001. International data on educational attainment: updates and implications. Oxford Economic Papers, 3, 541-563.
- Barro, R., and X. Sala-i-Martin. 1995. *Economic Growth*. Cambridge [Mass.] and London, MIT Press.
- Bidani, B., and M. Ravallion. 1995. Decomposing Social Indicators Using Distributional Data. Policy Research Working Paper, World Bank.
- Bils, M., and P. Klenow. 2000. Does Schooling Cause Growth? In *American Economic Review*, 90 (5), 1160-1183.
- Bloom, D., D. Canning, A. Nandakumar, J. Sevilla, K. Huzarski, D. Levy, and M. Bhawalkar. 2001. Demographic Transition and Economic Opportunity: The Case of Jordan. Bethesda, Md., Partners for Health Reformplus Project, Abt Associates Inc.
- Caldwell, J. 1986. Routes to low mortality in poor countries. *Population and Development Review*, 12 (2), 171-220.
- Chakraborty, L. 2003. Public Expenditure and Human Development: An Empirical Investigation. Working Paper. New Delhi, National Institute of Public Finance and Policy, New Delhi.
- Chen, D., and C. Dahlman. 2004. Knowledge and Development: A Cross-Section Approach. Policy Research Working Paper Series No. 3366. Washington, D.C., World Bank.
- Cohen D., and M. Soto. 2001. Growth and Human Capital: Good Data, Good Results. Technical Paper No. 179. OECD Development Center.
- Dasgupta, P. 1990. Well-being and the extent of its realization in poor countries. *Economic Journal*, 100 (400), Conference Papers, 1-32.
- Dollar, D. 2001. Is globalization good for your health? *Bulletin of the World Health Organization*, 79 (9), 827-833.

- Dollar, D., and A. Kraay. 2002. Growth is good for the poor. *Journal of Economic Growth*, 7, 195-225.
- Easterly, W. 1999. Life during growth. *Journal of Economic Growth*, 4, 239-276.
- Easterly, W., and R. Levine. 1997. Africa's growth tragedy: policies and ethnic divisions. *The Quarterly Journal of Economics*, 112 (4), 1203-1250.
- Fedderke, J., and R. Klitgaard. 1998. Economic growth and social indicators: an exploratory analysis. *Economics Development and Cultural Change* 46 (3), 455-489.
- Filmer, D., and L. Pritchett. 1997. Child Mortality and Public Spending on Health: How Much Does Money Matter. Mimeo, DRG. Washington, D.C., World Bank.
- Filmer, D., and L. Pritchett. 1998. The Effect of Household Wealth on Educational Attainment Around the World: Demographic and Health Survey Evidence. Policy Research Working Paper. Washington, D.C., World Bank.
- Goldstein, J.S. 1985. Basic human needs: the plateau curve. *World Development*, 13 (5), 595-609.
- Grant, J.P. 1973. Development: the end of trickle down? *Foreign Policy*, 12, 43-65.
- Hakura, D. 2004. Growth in the Middle East and North Africa. IMF Working Paper.
- Hall, R., and C. Jones. 1997. What have we learned from recent empirical growth research? Levels of economic activity across countries. *American Economic Review*, 87, 173-177.
- . 1999. Why do some countries produce so much more output per worker than others? *The Quarterly Journal of Economics*, 114 (1), 83-116.
- Hanushek, E. 1995. Interpreting recent research on schooling in developing countries. *World Bank Research Observer*, 10 (2), 227-246.
- Hanushek, E., and D. Kimko. 2000. Schooling, labor-force quality, and the growth of nations. *The American Economic Review*, 90 (5), 1184-1208.
- Hicks, N., and N. Streeten. 1979. Indicators of development: the search for a basic needs yardstick. *World Development*, 7, 567-580.
- Hicks, N. 1980. Is there a tradeoff between growth and basic needs? *Finance and Development*, 17 (2), 17-20.
- International Monetary Fund. 1993. Government Finance Statistics Yearbook 1993. Washington D.C.
- . Government Finance Statistics Yearbook 2001. Washington, D.C.
- . Government Finance Statistics Yearbook 2003. Washington, D.C.
- Kakwani, N. 1993. Performance in living standards: an international comparison. *Journal of Development Economics*, 41, 307-336.
- . 1997. Growth rates of per-capita income and aggregate welfare: an international comparison. *Review of Economics and Statistics* 79 (2): 201-211.

- Kremer, M. 1995. Research on schooling: what we know and what we don't: a comment on Hanushek. *The World Bank Research Observer*, 10, 247-254.
- London, B., and B.A. Williams. 1988. Multinational corporate penetration, protest and basic needs provision in non-core nations: a cross-national analysis. *Social Forces*, 66 (30), 747-773.
- Makdisi, S., Z. Fattah, and I. Limam. 2000. Determinants of Growth in Arab Countries. Arab Planning Institute Working Paper Series No 03/01. Kuwait, Arab Planning Institute.
- Mazumdar, K. 1996. An analysis of causal flow between social development and economic growth: the Social Development Index. *American Journal of Economics and Sociology*, 55 (3), 361-384.
- Musgrove, Philip. 1996. Public and Private Roles in Health: Theory and Financing Patterns. Health, Nutrition and Population (HNP) Discussion Paper. Washington, D.C., World Bank.
- Newman, B., and R. Thomson. 1989. Economic growth and social development: a longitudinal analysis of causal priority. *World Development*, 17 (4), 461-471.
- Preston, S. 1975. The changing relation between mortality and level of economic development. *Population Studies*, 29 (2), 231-248.
- Pritchett, L. 1999. Has Education Had a Growth Payoff in the MENA Region? Working Paper Series No. 18. Washington, D.C. World Bank.
- Pritchett, L., and L. Summers. 1996. Wealthier is healthier. *The Journal of Human Resources*, 31 (4), 841-868.
- Ram, R. 1985. The role of real income level and income distribution in fulfillment of basic needs. *World Development*, 13 (5), 589-894.
- Reinikka, R. 2001. Recovery in service delivery: evidence from schools and health centers. In *Uganda's Recovery: The Role of Farms, Firms, and Government*. Edited by R. Reinikka and P. Collier. Washington D.C., World Bank.
- Reinikka, R., and J. Svensson. 2002. *Assessing Frontline Service Delivery*. Washington, D.C., Development Research Group, World Bank.
- Sala-i-Martin, X. 1997. I Just Ran Four Million Regressions. Columbia University and Universitat Pompeu Fabra Working Paper.
- Sala-i-Martin, X., and E. Artadi. 2003. Economic Growth and Investment in the Arab World. Economics Working Paper No. 683, Department of Economics and Business. Barcelona, Universitat Pompeu Fabra.
- Schieber, G., and A. Maeda. 1999. Health care financing and delivery in developing countries. *Health Affairs*, 193-205.
- Streeten, P. 1977. Changing Perceptions of Development. *Finance & Development*, 14 (3), 14-16.
- . 1979. From growth to basic needs. *Finance & Development*, 16 (3), 28-31.
- Thomas, V., Y. Wang, and X. Fan. 2000 a. Measuring Education Inequality: Gini Coefficients of Education. Policy Research Working Paper. Washington, D.C., World Bank.

Thomas, V., M. Dailami, A. Dahershwar, D. Kaufman, N. Kishor, R. Lopez, and Y. Wang (2000 b.).
The Quality of Growth. Published by the World Bank, Oxford University Press.

United Nations Development Programme. 1995. Human Development Report 1995. New York, Oxford
University Press.

———. 2004. Human Development Report 2004: Cultural Liberty in Today's Diverse World. New York,
Oxford University Press.

UNESCO. 1999. '99 Statistical Yearbook. Paris, UNESCO Publishing.

———. 2002. Regional Report on Arab States. Montreal, UNESCO Institute for Statistics.

Waldmann, R. 1992. Income distribution and infant mortality. *The Quarterly Journal of Economics*, 107 (4),
1283-1302.

World Bank. 1993. Investing in Health. World Bank Development Report. New York, Oxford University
Press.

———. 1999. Education in the Middle East & North Africa: A Strategy Towards Learning for
Development. Middle East & North Africa Region. Washington, D.C., World Bank.

———. 2004. Making Services Work for Poor People. World Development Report. New York, Oxford
University Press.

Yaffee, R. 2003. A primer for panel data analysis. Connect: Information Technology at NYU. Fall 2003.
New York University. Available at: http://www.nyu/its/pubs/connect/fall03/yaffee_primer.html.