

Has Global Income Inequality Been Rising?

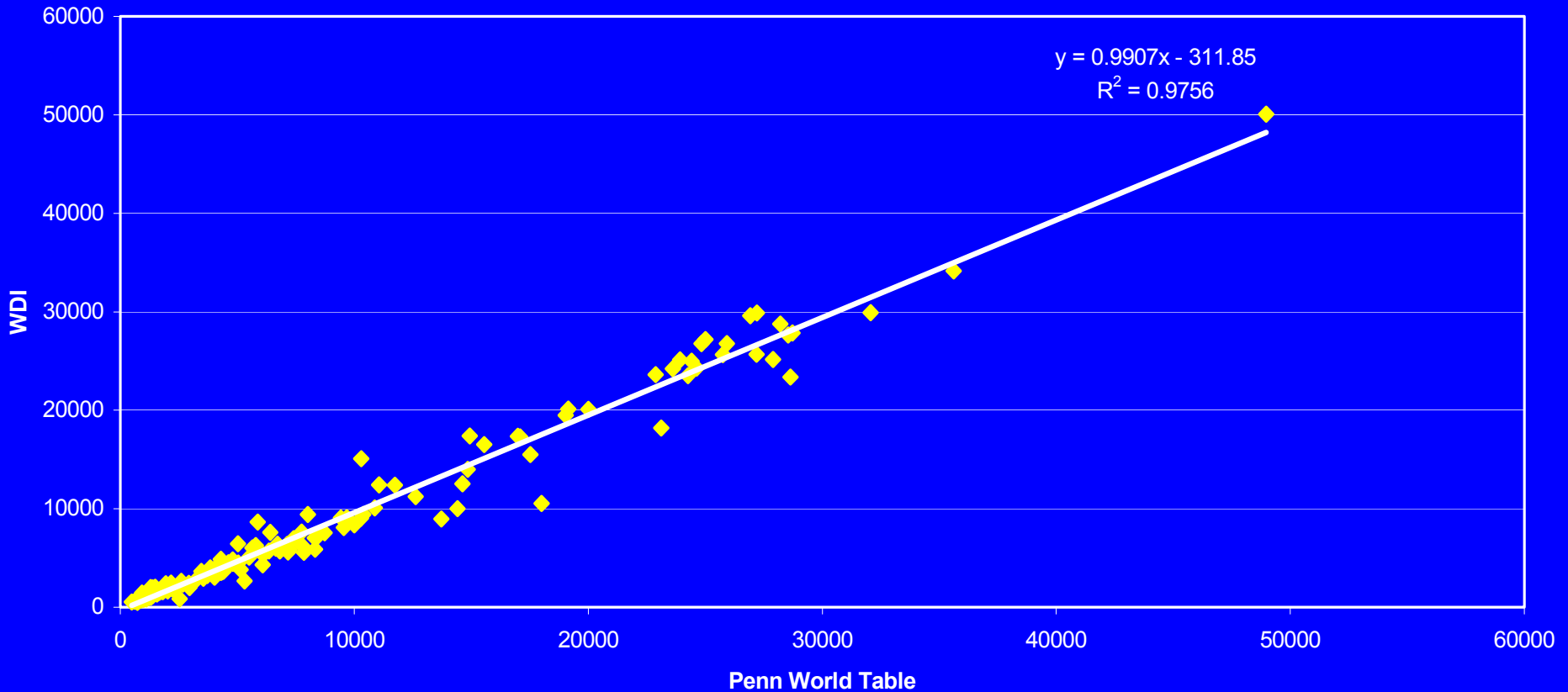
February 21, 2003

American Enterprise Institute

Nicholas Eberstadt

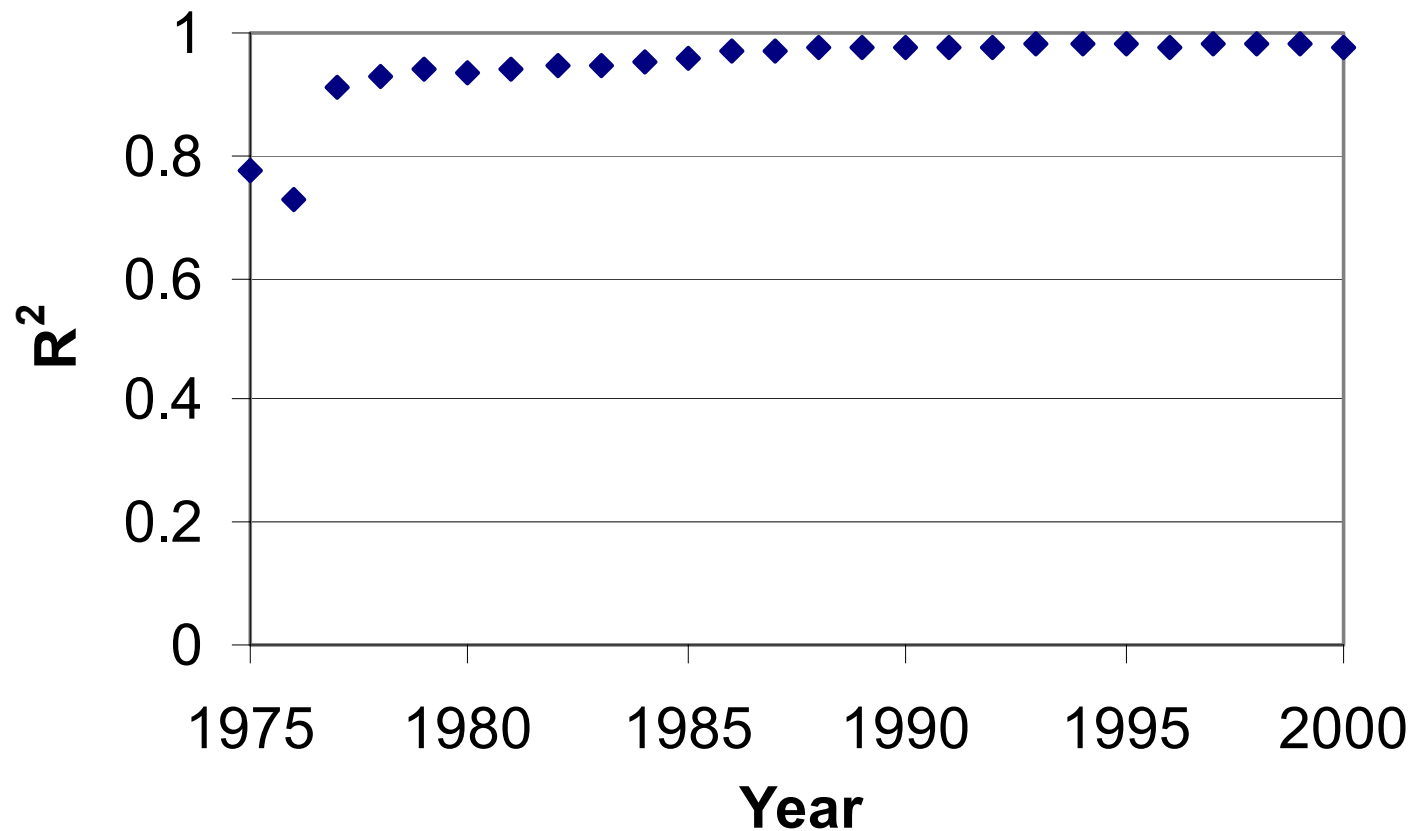
Henry Wendt Scholar in Political Economy

GDP per capita, PPP (current international \$), 2000: World Development Indicators vs. Penn World Table



Source: Penn World Table, available electronically at <http://pwt.econ.upenn.edu/aboutpwt.html> (accessed 2/11/03); World Development Indicators 2002 CD-ROM.

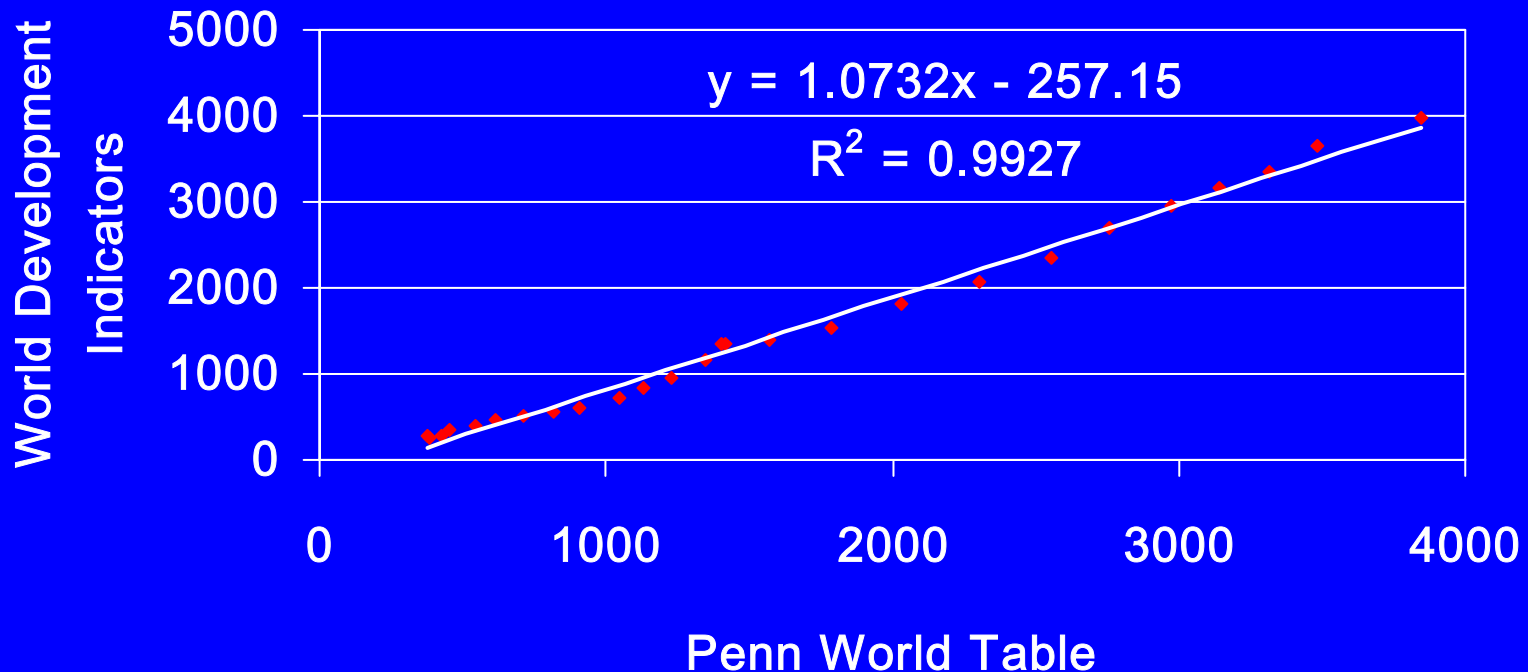
WDI vs Penn World Table, 1975-2000



Source: Penn World Table, available electronically at <http://pwt.econ.upenn.edu/aboutpwt.html> (accessed 2/11/03); World Development Indicators 2002 CD-ROM.

China

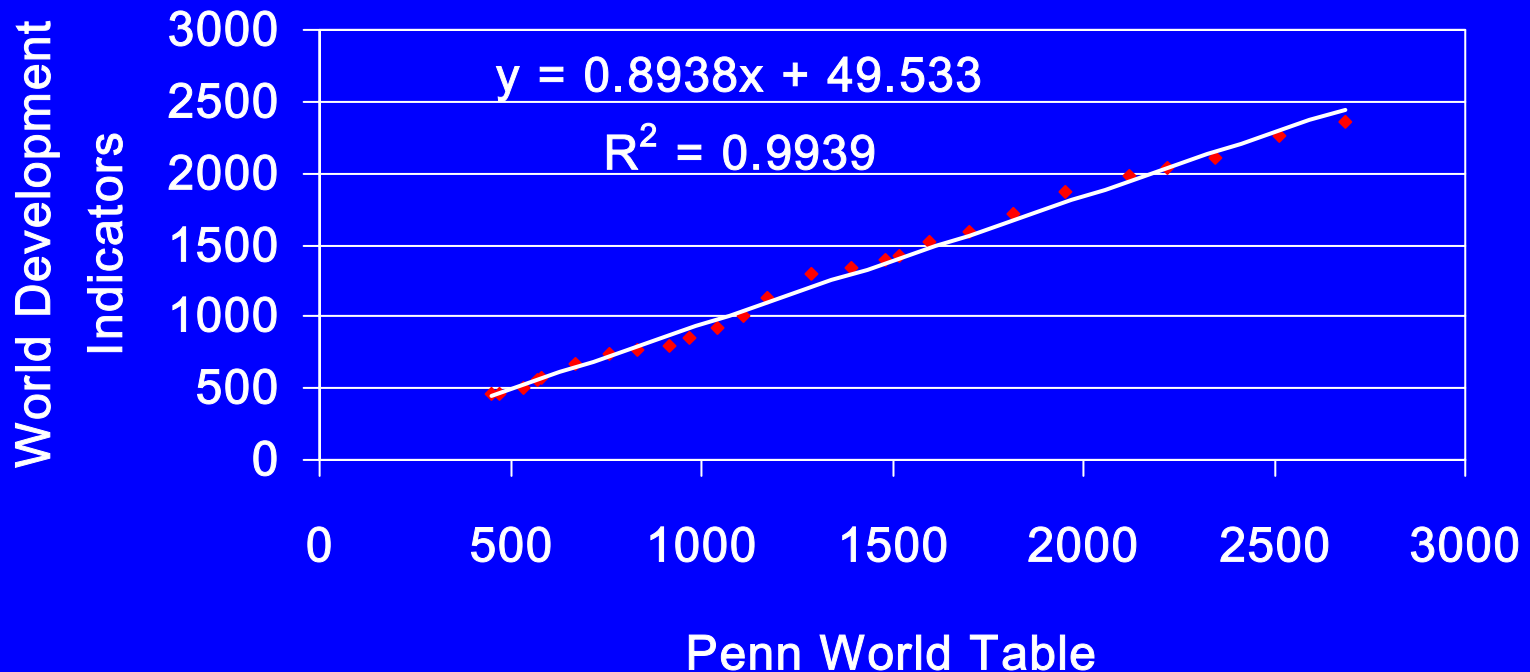
GDP Per Capita, GDP, 1975-2000
(current international \$)



Source: Penn World Table, available electronically at <http://pwt.econ.upenn.edu/aboutpwt.html> (accessed 2/11/03); World Development Indicators 2002 CD-ROM.

India

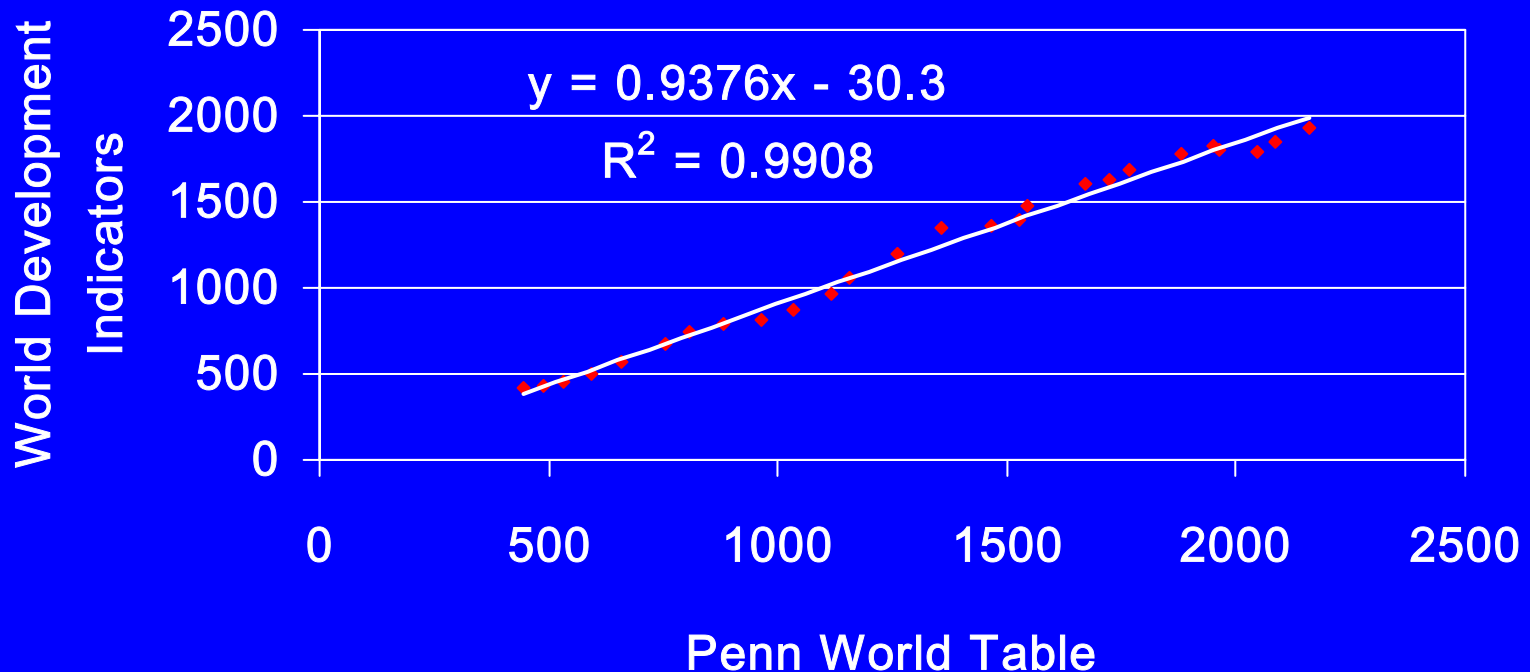
GDP Per Capita, GDP, 1975-2000
(current international \$)



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Pakistan

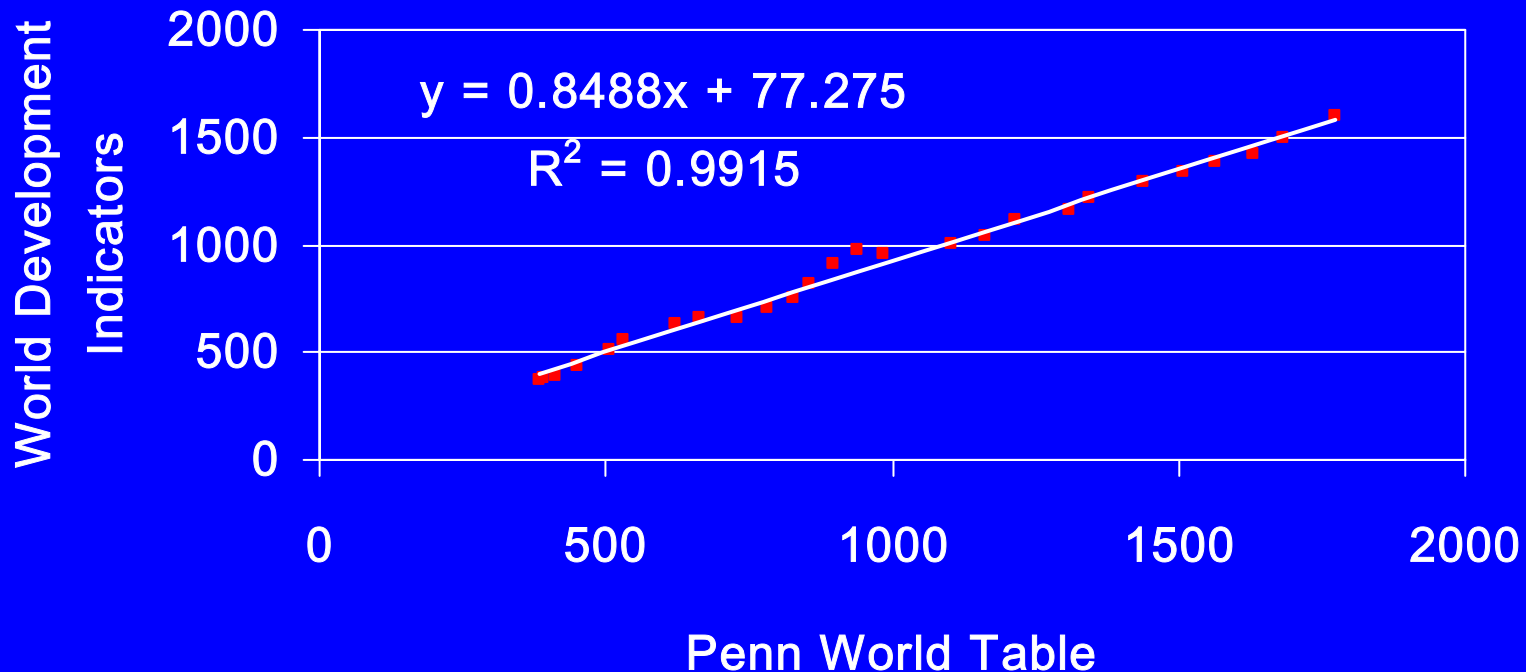
GDP Per Capita, GDP, 1975-2000
(current international \$)



Source: Penn World Table, available electronically at <http://pwt.econ.upenn.edu/aboutpwt.html> (accessed 2/11/03); World Development Indicators 2002 CD-ROM.

Bangladesh

GDP Per Capita, GDP, 1975-2000
(current international \$)



Source: Penn World Table, available electronically at <http://pwt.econ.upenn.edu/aboutpwt.html> (accessed 2/11/03); World Development Indicators 2002 CD-ROM.

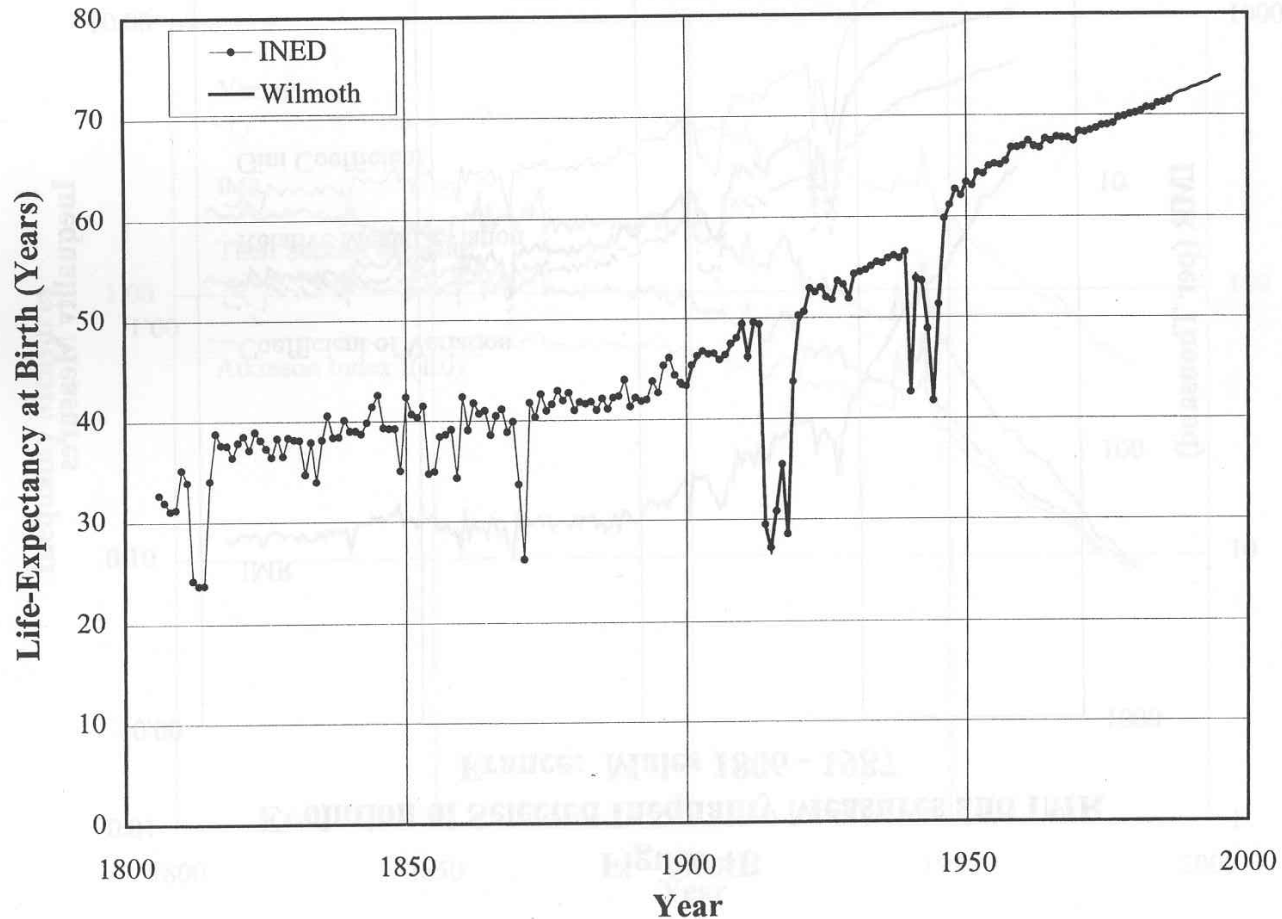
France: Males 1806, 1987

Length-of-Life Distribution Measures

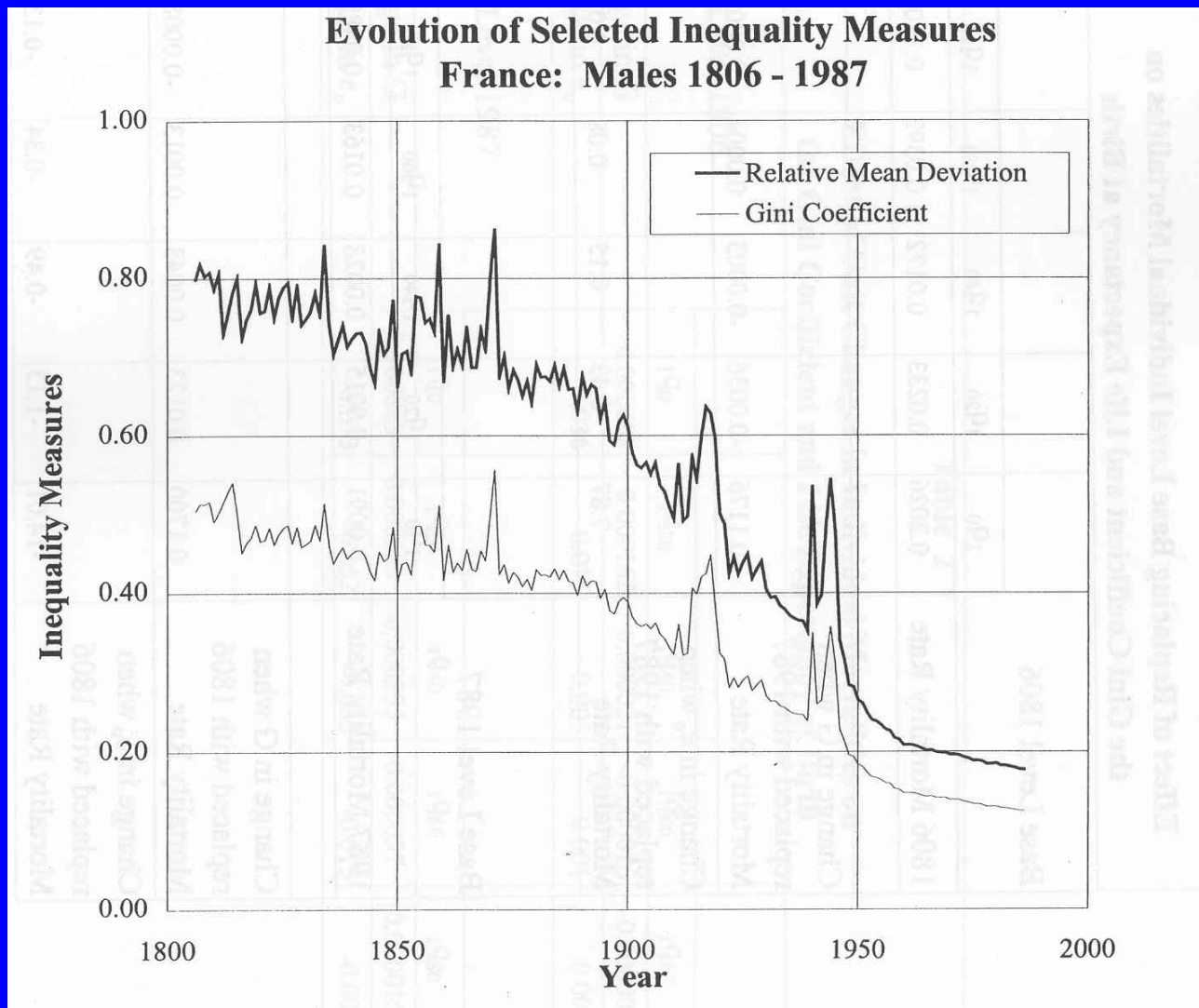
		<u>1806</u>	<u>1987</u>
Life Expectancy at Birth, e_0	$X_0(0)$	32.73	72.06
Median Life	$Q(50)$	25.86	75.32
Life Expectancy at Age 1		39.96	71.69
Life Expectancy at Age 60		12.65	18.40
Probabilities of Dying:	$P\{X \leq 1\}$	0.2026	0.0091
	$P\{X > 60\}$	0.2523	0.8140
Standard Deviation	σ	29.15	17.10
Inequality Measures			
Gini Coefficient	G	0.5031	0.1238
Theil Entropy Measure	T	0.4782	0.0362
Theil Second Measure	L	1.1409	0.0872
Variance of Log-Life	Varlog	4.4054	0.4969
Relative Mean Deviation	M	0.7991	0.1763
Coefficient of Variation	C	0.8909	0.2373
Atkinson Indices:	$I(0.5)$	0.2968	0.0235
	$I(1.0)$	0.6805	0.0835

Source: Table from Anand and Nanthikesan, "The Evolution of Inequality in Length-of-Life: France 1806-1987," *Harvard Center for Population and Development Studies Working Paper Series*, Vol. 11, No. 3. February 2001.

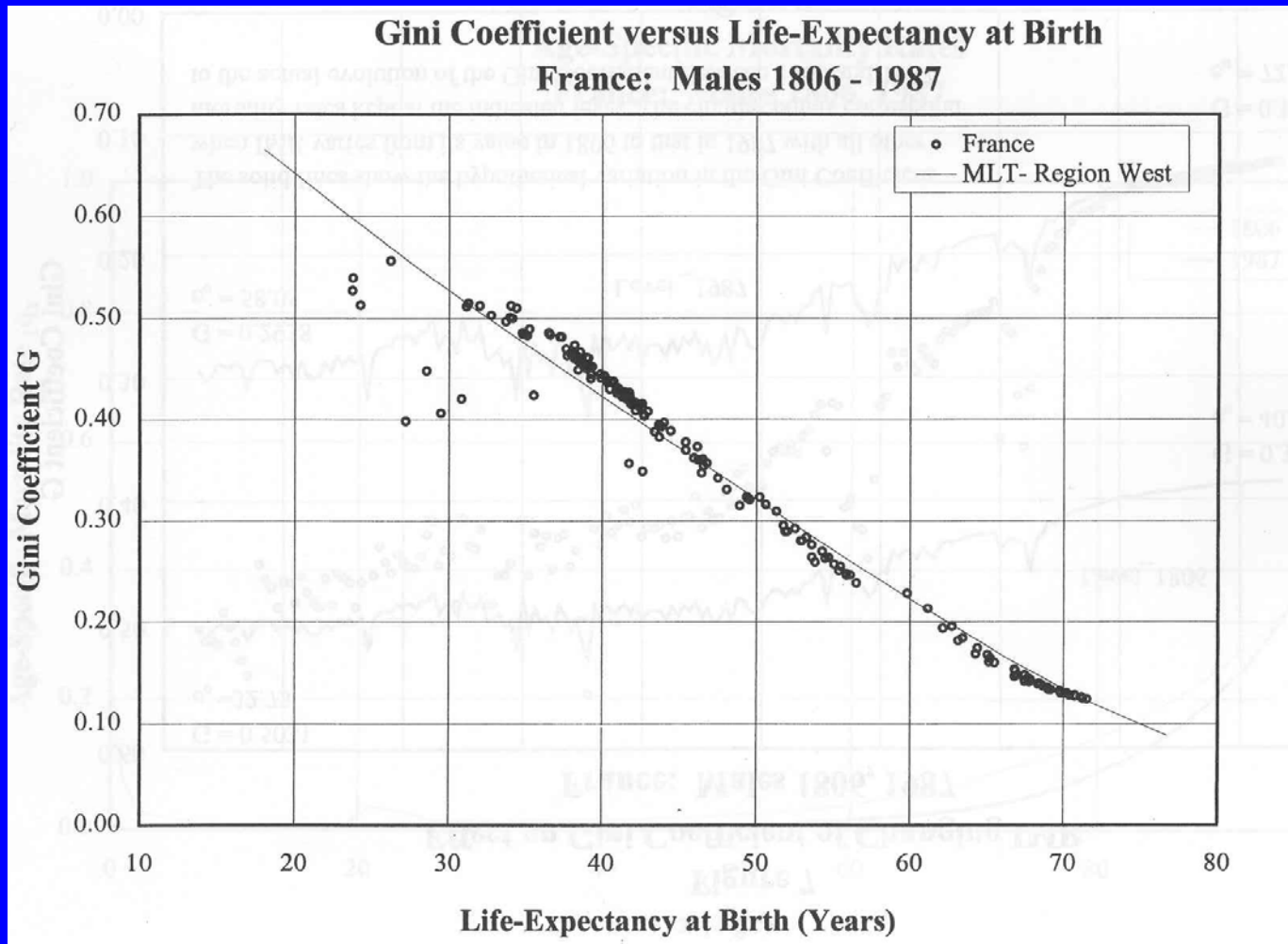
Evolution of Life-Expectancy at Birth France: Males 1806 - 1987



Source: Figure from Anand and Nanthikesan, "The Evolution of Inequality in Length-of-Life: France 1806-1987," *Harvard Center for Population and Development Studies Working Paper Series*, Vol. 11, No. 3. February 2001.

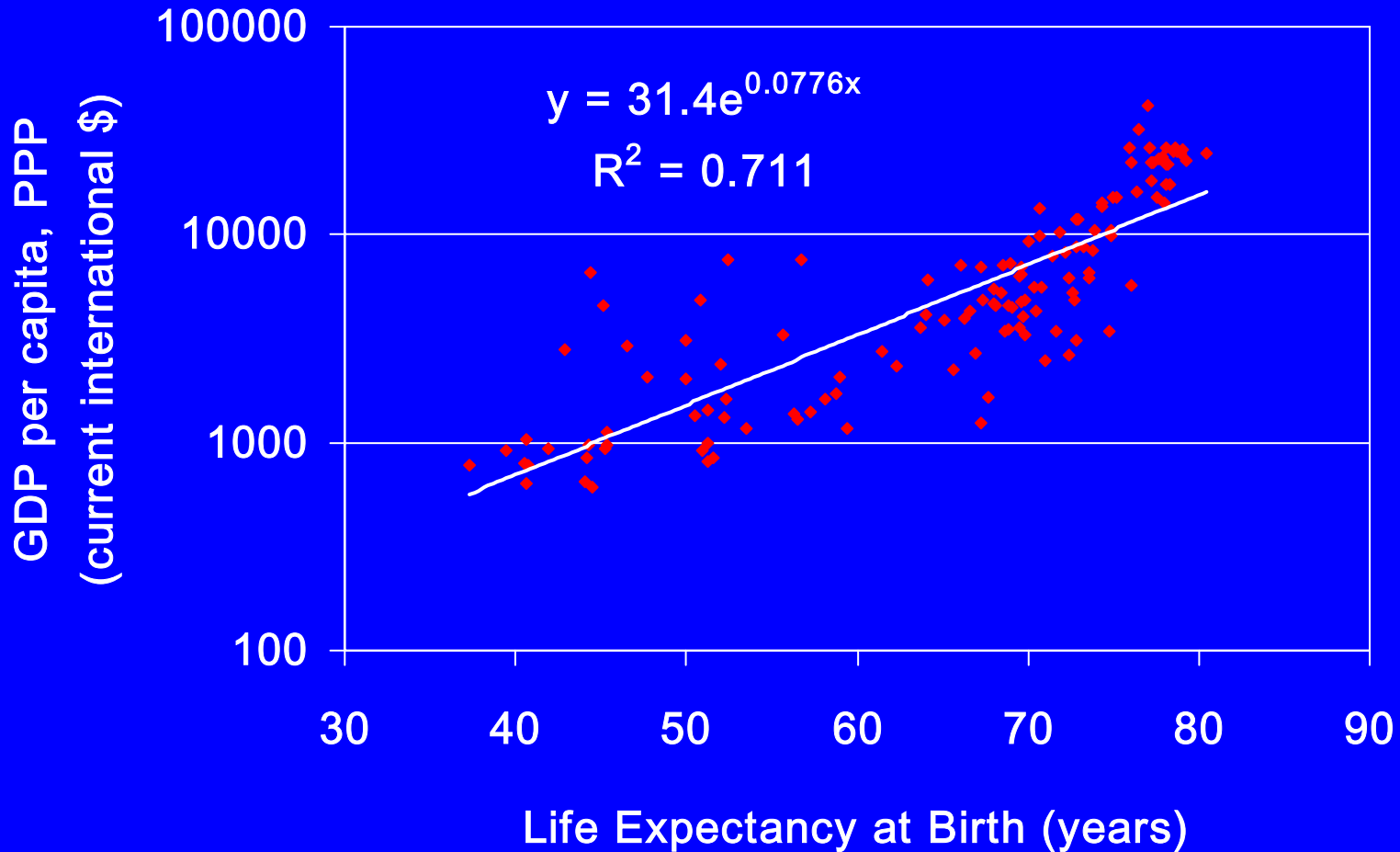


Source: Figure from Anand and Nanthikesan, "The Evolution of Inequality in Length-of-Life: France 1806-1987," *Harvard Center for Population and Development Studies Working Paper Series*, Vol. 11, No. 3. February 2001.



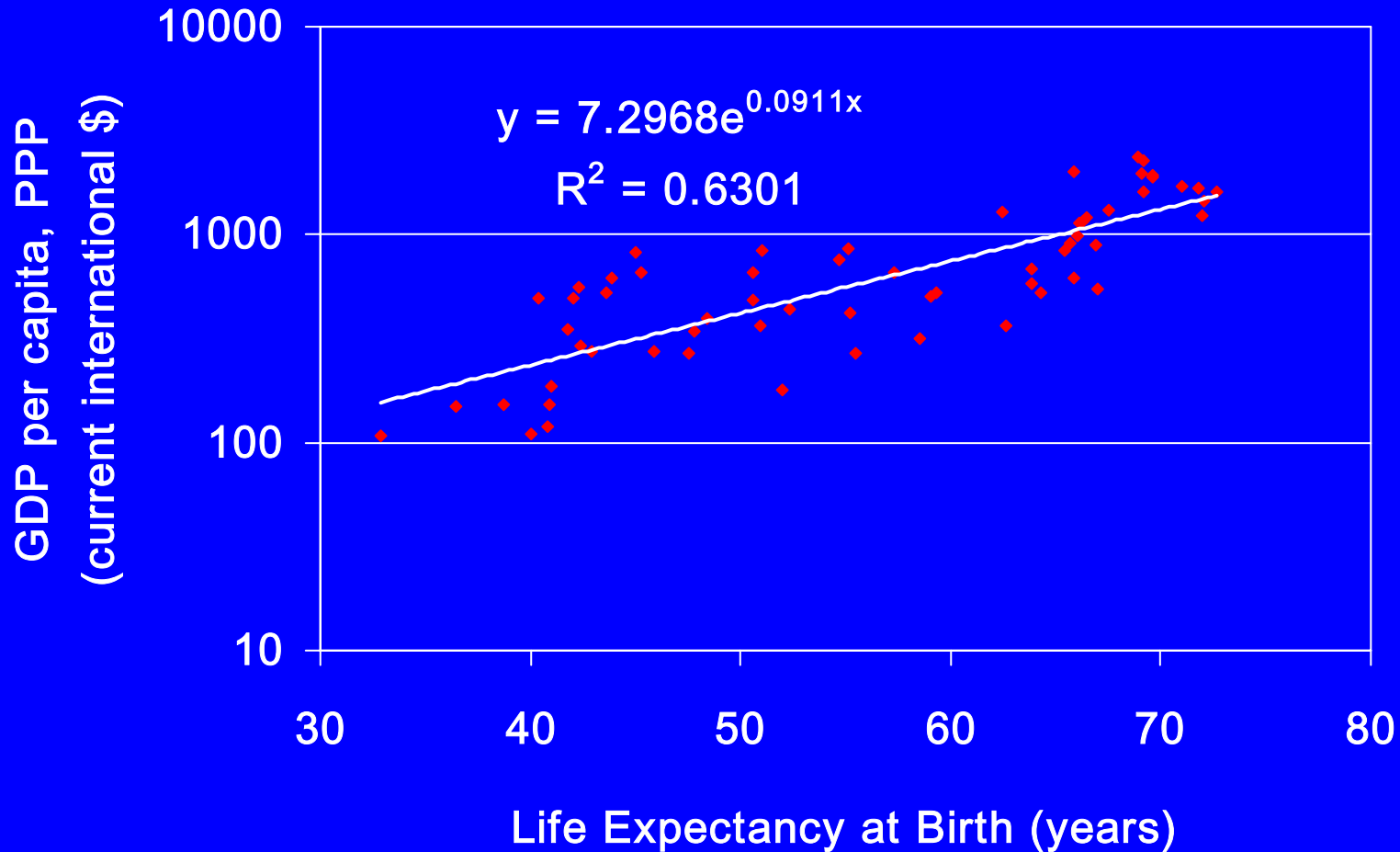
Source: Figure from Anand and Nanthikesan, "The Evolution of Inequality in Length-of-Life: France 1806-1987," *Harvard Center for Population and Development Studies Working Paper Series*, Vol. 11, No. 3. February 2001.

PPP GDP per capita vs. Life Expectancy: 1995-2000



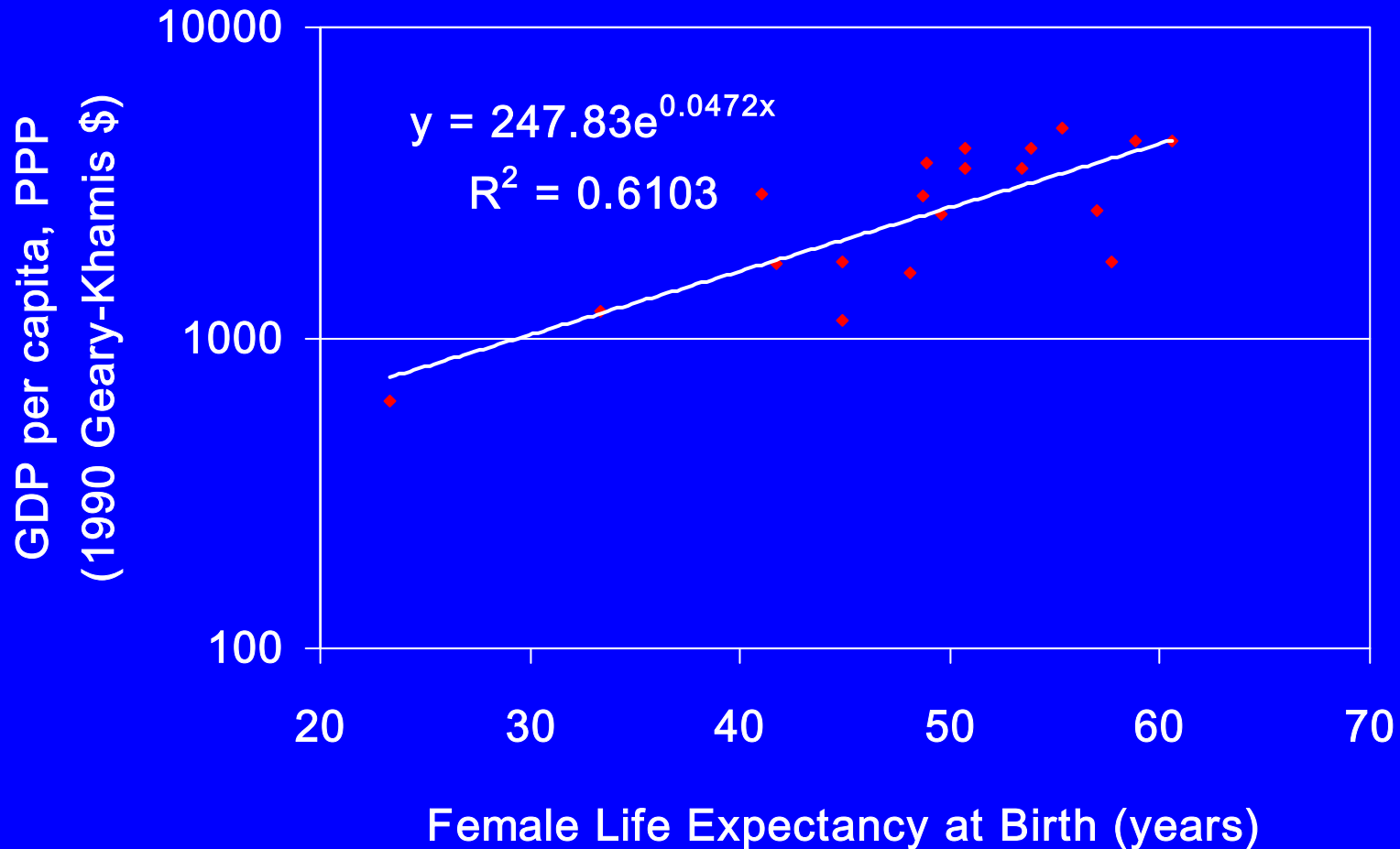
Source: Life Expectancy data for 1995/2000 from World Development Indicators 2002 CD-ROM. PPP GDP data for 1998 from Penn World Table, available electronically at <http://pwt.econ.upenn.edu/aboutpwt.html> (accessed 2/11/03).

PPP GDP per capita vs. Life Expectancy: 1950-1955



Source: Life Expectancy data for 1950/1955 from World Development Indicators 2002 CD-ROM. PPP GDP data for 1953 from Penn World Table, available electronically at <http://pwt.econ.upenn.edu/aboutpwt.html> (accessed 2/11/03).

PPP GDP per capita vs. Life Expectancy: circa 1900



Source: Life Expectancy data from UN Demographic Yearbook, various editions. PPP GDP data from Maddison, Angus. *Monitoring the World Economy 1820-1992*, OECD 1995.

PPP GDP per capita vs. Life Expectancy: c. 1900, 1950/1955, and 1995/2000 correlations

