

The Sala-i-Martin (1997a,b) Data Set.

The Sala-i-Martin data set was downloaded from his website (<http://www.columbia.edu/cu/economics/>) on 9/19/98. The data refer to a period of analysis of 1960-1992. Following instructions on the website, the documentation for sources and definitions given below is based on Sala-i-Martin (1997a,b). We believe that the documentation is not completely accurate. Some comments are recorded in square brackets, but we believe that there may be other discrepancies.

Definitions of Variables in the Sala-i-Martin (1997a,b) Data Set

Variable			Definition	Source or Reference	Comments
A	B	Name ¹			
39	17	ABSLATIT	Absolute Lattitude.	Barro (1996)	
40	26	AGE	Age		Average age of the population. [reported data does not appear to correspond to this description].
16	58	AREA	Area (Scale Effect).	Barro and Lee (1993)	Total area of the country.
32	39	ASSASSP2	Political Assassinations	Barro and Lee (1993)	Number of political assassinations.
15	31	BMP1	Black Market Premium	Barro and Lee (1993)	log (1+Black Market Premium).
9	12	BMS6087	Standard Deviation of the Black Market Premium	Levine & Renelt (1992).	1960-89.
41	55	BRIT	British Colony	Barro (1996)	Dummy variable for former British colonies.
42	20	BUDDHA	Fraction of Buddhist	Barro (1996)	
43	21	CATH	Fraction of Catholic	Barro (1996)	
37	9	CIVLIBB	Civil Liberties	Knack and Keefer (1995)	Index.
44	3	CONFUC	Fraction of Confucius	Barro (1996)	
45	47	DEMOC65	Index of Democracy	Knack and Keefer (1995)	1965; qualitative index of democratic freedom.
57	33	DPOP6090	Growth Rate of Population	Barro and Lee (1993)	1960-90.
2	14	ECORG	Degree of Capitalism	Hall and Jones (1996).	Index of degree in which economies favor capitalist forms of production
4	24	ENGFRAC	Fraction of Population Able to Speak English	Hall and Jones (1996)	
7	1	EQINV	Equipment Investment	Delong and Summers (1991)	
46	45	FRAC	Ethnolinguistic Fractionalization	Easterly and Levine (1997) ²	Probability two random people in a country do not speak same language.
17	49	FREEOP	Free Trade Openness	Barro and Lee (1993)	
18	48	FREETAR	Tariff Restrictions	Barro and Lee (1993)	Degree of tariff barriers.
47	38	FRENCH	French Colony	Barro (1996)	Dummy variable for former French colonies.
10	57	GDC	Growth of Domestic Credit	Levine and Renelt (1992)	1960-90.
31	25	GDE1	Defense Spending Share	Barro and Lee (1993)	Fraction of GDP

58	*	GDP60L	log(GDP per capita 1960).	Barro and Lee (1993)	log(Summers-Heston GDP per capita in 1960).
30	53	GEEREC1	Government. Education Spending Share	Barro and Lee (1993)	Fraction of GDP
29	23	GGCFD3	Public Investment Share	Barro and Lee (1993)	Fraction of GDP
56	**	GR56092	Growth Rate of GDP per capita	Summers/Heston Data; Penn World Tables	1960-90; the dependent variable.
64	27	GVXD52	Public Consumption Share	Barro and Lee (1993)	Public consumption minus education and defense as fraction of GDP
27	54	H60	Higher Education. Enrollment	Barro and Lee (1993)	1960
48	42	HINDU	Fraction of Hindu	Barro (1996)	
23	50	HYR60	Average Years of Higher School	Barro and Lee (1993)	. Average years of higher education of total population in 1960.
24	43	HUMAN60	Average Years of Schooling	Barro and Lee (1993)	1960; called "H" in definition of HUMANYL.
59	41	HUMANYL	H*log(GDP60).	Barro and Lee (1993)	Product of average years of schooling and log(GDP per capita in 1960).
49	35	JEW	Fraction of Jewish	Barro (1996)	
19	7	LAAM	Latin American Dummy		Dummy for Latin American countries.
62	29	LFORCE60	Size Labor Force (Scale Effect).	Barro and Lee (1993)	
28	*	LIFEEO60	Life Expectancy	Barro and Lee (1993)	1960
60	36	LLY1	Liquid Liabilities to GDP	King and Levine (1993)	Ratio of liquid liabilities to GDP (a measure of financial development).
1	11	MINING	Fraction of GDP in Mining	Hall and Jones (1996)	
50	5	MUSLIM	Fraction of Muslim	Barro (1996)	
8	16	NONEQINV	Non-Equipment Investment	DeLong and Summers (1991)	
5	30	OTHFRAC	Fraction of Population Able to Speak a Foreign Language		
25	*	P60	Primary School Enrollment	Barro and Lee (1993)	1960.
11	28	PI	Average Inflation Rate	Levine and Renelt (1992)	1960-90.
34	52	PINSTAB2	Political Instability	Knack and Keefer (1995)	
51	13	PRIEXP70	Primary Exports	Sachs and Warner (1996)	Fraction of primary exports in total exports in 1970.
36	6	PRIGHTSB	Political Rights	Barro (1996)	
52	19	PROT	Fraction of Protestant	Barro (1996)	
21	37	PRY60	Average Years of Primary School	Barro and Lee (1993)	1960
6	18	RERD	Exchange Rate Distortions	Barro and Lee (1993)	[Actual Source: Levine and Renelt(1992)]
33	10	REVCoup	Revolutions and Coups	Barro and Lee (1993)	Number of military coups and revolutions.
53	4	RULELAW	Rule of Law	Barro (1996)	
26	44	S60	Secondary School Enrollment	Barro and Lee (1993)	1960.
20	8	SAAFRICA	Sub-Sahara African Dummy		Dummy for sub-Sahara African countries.

12	46	SCOUT	Outward Orientation	Levine and Renelt (1992)	
54	22	SPAIN	Spanish Colony	Barro (1996)	Dummy variable for former Spanish colonies
13	40	STDC	Standard Deviation of Domestic Credit	King and Levine (1993)	1960-90.
14	32	STPI	Standard Deviation of Inflation	Levine and Renelt (1992)	1960-90.
22	51	SYR60	Average Years of Secondary School	Barro and Lee (1993)	1960
38	59	TOT1	Terms of Trade Growth	Barro and Lee (1993).	1960-90.
55	56	URB60	Urbanization Rate	Barro and Lee (1993)	Fraction of population living in cities.
35	15	WARDUM	War Dummy	Barro and Lee (1993)	Dummy for countries that have been involved in war any time between 1960 and 1990.
61	34	WORK60L	Ratio Workers to Population	Barro and Lee (1993)	[Apparently logged
63		X0			Duplicates Variable 56.
3	2	YRSOPEN	Number of Years Open Economy	Sachs and Warner (1996)	Index.

Notes:

Column A under “Variables” indicates the order of the variable in the data set downloaded from Sala-i-Martin’s website.

Column B under “Variables” indicates the order in which the variables appears in Sala-i-Martin (1997b) “Appendix 1: Descriptions and Sources of Variables.”

*One of three “free variables” included in all of Sala-i-Martin’s regressions, but not numbered in Appendix 1 of Sala-i-Martin (1997b).

**Dependent variable, not numbered in Appendix 1 of Sala-i-Martin (1997b).

¹Variable names taken from the headers of downloaded data set, converted to upper-case.

Sala-i-Martin (1997a,b) indicates the references to the following sources imply that data were downloaded as indicated:

Barro and Lee (1993): National Bureau of Economic Research Web Page.

DeLong and Summers (1991): World Bank Research Department Web Page.

Hall and Jones (1996): Charles Jones’s Web Page.

Knack and Keefer (1996): supplied by Robert Barro.

Levine and Renelt (1992): World Bank Research Department Web Page.

Sachs and Warner (1996): supplied by Andrew Warner.

²The source was originally reported as working paper dated 1996, but now published as Easterly and Levine (1997).

Country Coverage for the Sala-i-Martin Data Set

No.	Country	No.	Country	No.	Country
1	Algeria	41	Tanzania	81	Bangladesh
2	Angola	42	Togo	82	Myanmar (Burma)
3	Benin	43	Tunisia	83	China
4	Botswana	44	Uganda	84	Hong Kong
5	Burkina Faso	45	Zaire	85	India
6	Burundi	46	Zambia	86	Indonesia
7	Cameroon	47	Zimbabwe	87	Iran
8	Cape Verde	48	Bahamas, The	88	Iraq
9	Central African Republic	49	Barbados	89	Israel
10	Chad	50	Canada	90	Japan
11	Comoros	51	Costa Rica	91	Jordan
12	Congo	52	Dominica	92	Korea
13	Egypt	53	Dominican Republic	93	Kuwait
14	Ethiopia	54	El Salvador	94	Malaysia
15	Gabon	55	Grenada	95	Nepal
16	Gambia	56	Guatemala	96	Oman
17	Ghana	57	Haiti	97	Pakistan
18	Guinea	58	Honduras	98	Philippines
19	Guinea Bissau	59	Jamaica	99	Saudi Arabia
20	Cote d'Ivoire	60	Mexico	100	Singapore
21	Kenya	61	Nicaragua	101	Sri Lanka
22	Lesotho	62	Panama	102	Syria
23	Liberia	63	St. Lucia	103	Taiwan
24	Madagascar	64	St. Vincent & Grenadines	104	Thailand
25	Malawi	65	Trinidad & Tobago	105	United Arab Emirates
26	Mali	66	United States	106	Yemen N.Arab
27	Mauritania	67	Argentina	107	Austria
28	Mauritius	68	Bolivia	108	Belgium
29	Morocco	69	Brazil	109	Cyprus
30	Mozambique	70	Chile	110	Denmark
31	Niger	71	Colombia	111	Finland
32	Nigeria	72	Ecuador	112	France
33	Rwanda	73	Guyana	113	Germany, West
34	Senegal	74	Paraguay	114	Greece
35	Seychelles	75	Peru	115	Hungary
36	Sierra Leone	76	Suriname	116	Iceland
37	Somalia	77	Uruguay	117	Ireland
38	South Africa	78	Venezuela	118	Italy
39	Sudan	79	Afghanistan	119	Luxembourg
40	Swaziland	80	Bahrain	120	Malta

continued next page

No. Country
121 Netherlands
122 Norway
123 Poland
124 Portugal
125 Spain
126 Sweden
127 Switzerland
128 Turkey
129 United Kingdom
130 Yugoslavia
131 Australia
132 Fiji
133 New Zealand
134 Papua New Guinea
135 Solomon Islands
136 Tonga
137 Vanuatu
138 Western Samoa

Note: Country number corresponds to the order in the downloaded data set, identical to the order in Barro and Lee (1993).

Barro, Robert J. (1996) "Determinants of Democracy," unpublished typescript, Harvard University.

Easterly, William and Ross Levine (1997) "Africa's Growth Tragedy: Policies and Ethnic Divisions," *Quarterly Journal of Economics* 112(4), November, 1203-50.

Government Finance Statistics Yearbook. Washington, D.C.: International Monetary Fund, various years.

Hall, Robert and Charles Jones. (1996) "The Productivity of Nations," NBER Working Paper No. 5812, November.

International Financial Statistics. Washington, D.C. International Monetary Fund, various years.

King, Robert G. and Ross Levine. (1993) "Finance, Entrepreneurship, and Growth: Theory and Evidence," *Journal of Monetary Economics* 32(3), December 1993, 513-42.

Knack, Stephen and Philip Keefer. (1995) "Institutions and Economic Performance: Cross-Country Tests Using Alternative Institutional Measures," *Economics and Politics* 7(3), November, 207-27.

Pick's Currency Yearbook. New York: Pick Publishing Corp., various years.

Summers, Robert and Alan Heston. (1988) "A New Set of International Comparisons of Real Product and Price Levels Estimates for 130 Countries, 1950-1985," *Review of Income and Wealth* 34 (1), March, 1-25.

Syrquin, Moshe and Chenery Hollis. (1989) "Patterns of Development, 1950-1983," World Bank Working Paper Series No. 41.

World Bank National Accounts, Washington, D.C., various years.

World Bank Social Indicators, Washington, D.C., various years.