

**Social polarization in the
age of globalization: the
continued relevance of
the quantitative
dependency (Bornschier)
model**



By

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“Business as usual’ is not an option. The challenges facing our Union are greater than before the recession. Our room for manoeuvre is more limited and the rest of the world is not standing still. We must draw the lessons and reshape our policies. A clear lesson from the crisis is that Europe can succeed provided it acts collectively, as a Union. Europe has no other option but to tackle the immediate challenge of the crisis and to face up to long-term challenges such as globalisation, climate action, ageing, so as to make up for the recent losses, regain competitiveness and put the EU on an upward path of sustainable growth. [...] International trade is one of the motors of growth, employment and investment in the European Union, thus very much in the interest of European citizens. The EU is committed to open societies and open markets, and determined to defend European interests. It will continue working towards reducing barriers to international flows of trade and investment’ (COMMUNICATION FROM THE COMMISSION TO THE EUROPEAN PARLIAMENT, THE COUNCIL, THE EUROPEAN ECONOMIC AND SOCIAL COMMITTEE AND THE COMMITTEE OF THE REGIONS Commission Work Programme 2010, Time to act, Brussels, 31.3.2010, COM(2010) 135 final, pages 3 and 9)

'The transition to democracy after the fall of the Berlin wall cast a veil over a ruthless economic transformation, known as "structural adjustment" in Latin America a decade earlier. The unparalleled peacetime contraction of post-communist economies can only be compared to the Great Depression of the 1930s. Luckier countries like Hungary lost only about 20% of their national income in the years after 1989, while the GDP of others fell by 30–40%. Poland was first to recover its 1989 output level, in 1997; the rest only managed to do so in 2000 or even later. Of course, this did not mean that consumption levels or average living standards had been restored with the same speed. The exhaustion of the centrally planned economies and the inexperience of the new rulers explains little from this dismal period. Ideologues of free-market capitalism orchestrated the process with little tolerance for alternative solutions. Liberal parties that promoted themselves as standard-bearers of human rights and democracy mainly functioned as political wings of the International Monetary Fund. The European Union played a double-edged role in this process. On the one hand, it offered a countervailing influence to the IMF regime; on the other, EU governments and firms took advantage of eastern European misery. A Marshall Plan for the east was repeatedly ruled out by the argument that, in our times, such a role is played by private investment. However, a laissez-faire attitude towards foreign investment by Hungary throughout the 1990 did not pay off in higher growth compared to other countries in the region.' (Europe's Great Depression. Analysis Laszlo Andor, Guardian, April 28, 2004

<http://www.guardian.co.uk/world/2004/apr/28/eu.politics5>)

FROM THE "WASHINGTON" TOWARDS A "VIENNA CONSENSUS"?

Good prophecy costs \$94.50



Edition: illustrated edition (2006-09-06)
Publisher: Nova Science Pub Inc

A Quantitative Analysis on Globalization,
Development and Global Governance

Arno Tausch

Postface by Christian Ghymers

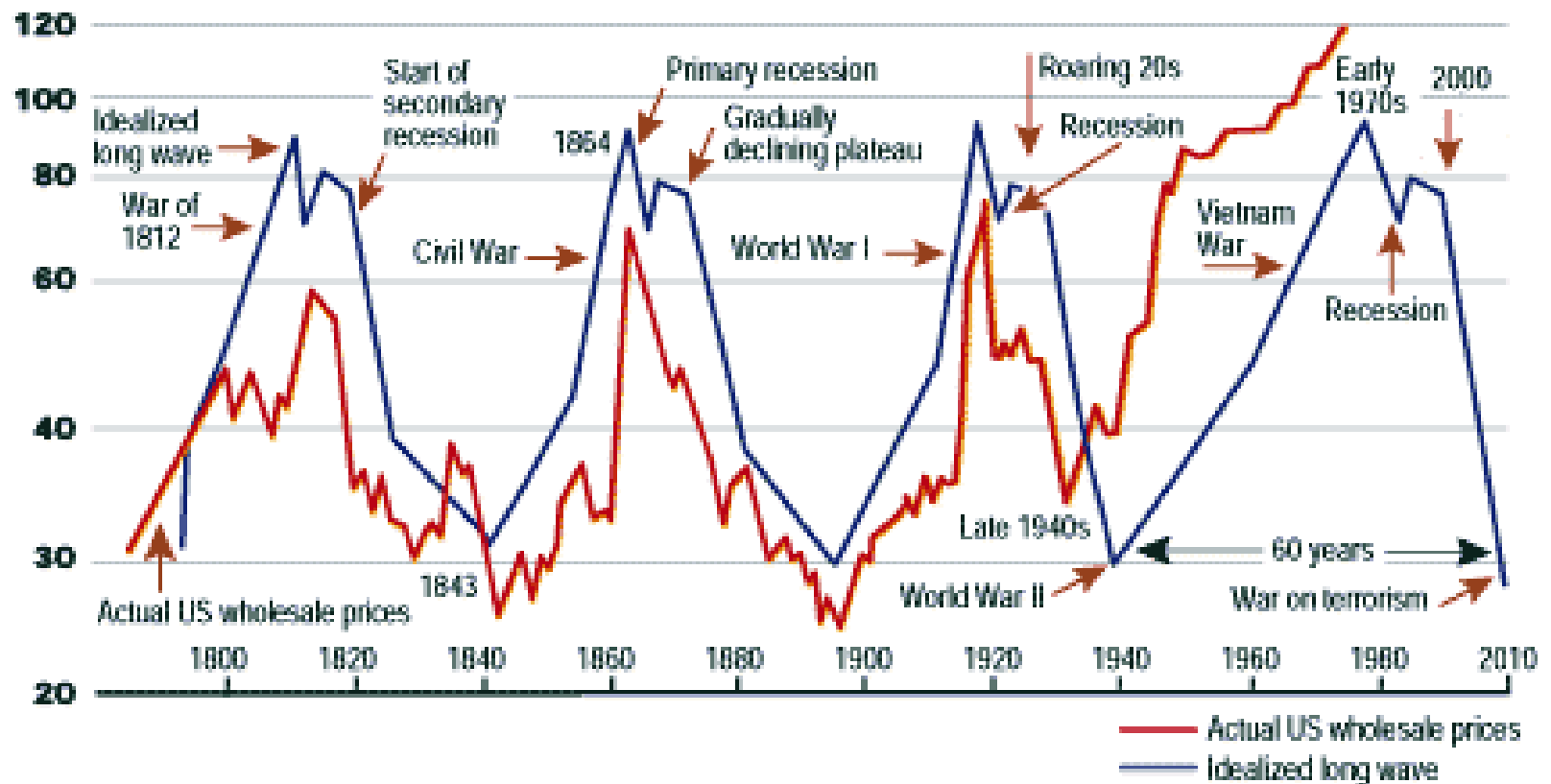
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Lessons to be learnt:

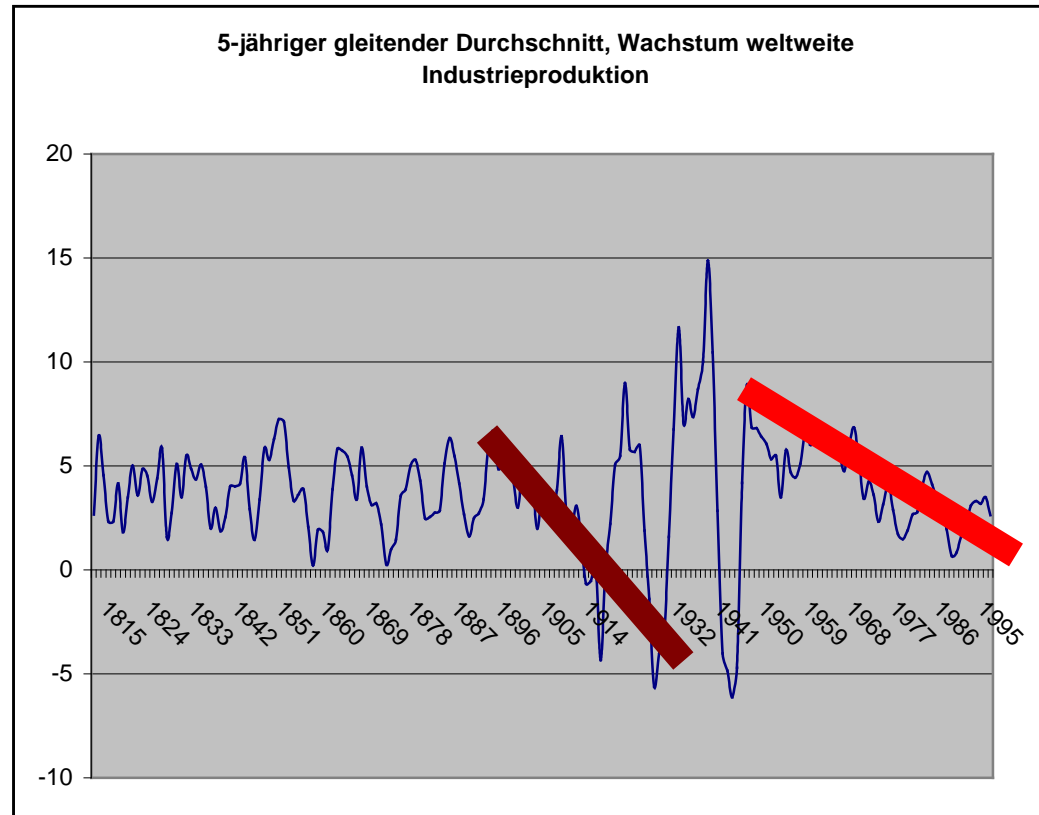
- Capitalism is of cyclical nature
- Prophets for our time: Schumpeter and Kondratiev



The Kondratieff Wave

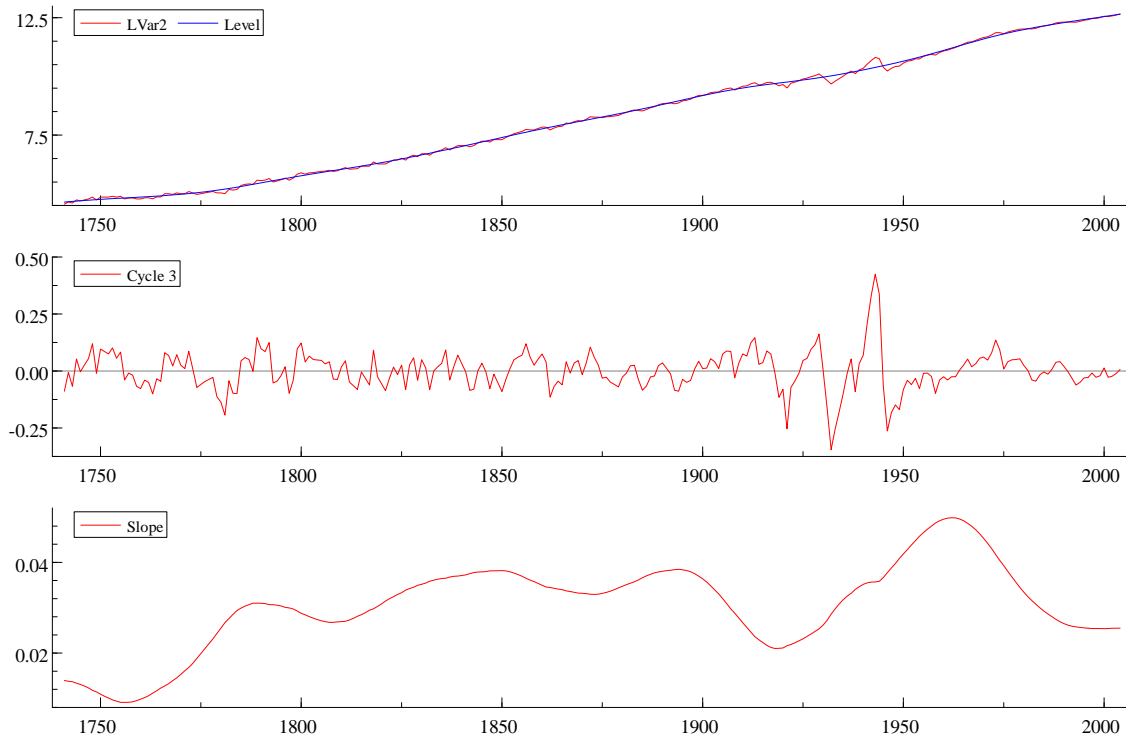


Growth of world industrial production, 5-year sliding average



Joshua Goldstein (Yale University Press, 1740 – 1974) and
Tetsuo Yamada (Statistical Department, UNIDO, Vienna,
1975 until 2004).

Filtering the K-cycle (Professor Rainer Metz, University of Cologne)



Zentralarchiv für Empirische Sozialforschung, Universität Köln, Abt. ZHSF Liliencronstrasse 6, 50931 Köln, E-Mail metz@za.uni-koeln.de, Telefon + 49 (0) 221 4769436, Telefax + 49 (0) 221 4769455, Website <http://www.gesis.org/za/>. See also RAINER METZ: Trend, Zyklus und Zufall. Bestimmungsgründe und Verlaufsformen langfristiger Wachstumsschwankungen Stuttgart 2002

Kuznets cycles



1741–1756; $R^2 = 23.5 \%$

1756–1774; $R^2 = 36.1 \%$

1774–1793; $R^2 = 34.8 \%$

1793–1812; $R^2 = 39.7 \%$

1812–1832; $R^2 = 16.4 \%$

1832–1862; $R^2 = 25.7 \%$

1862–1885; $R^2 = 36.3 \%$

1885–1908; $R^2 = 56.2 \%$

1908–1932; $R^2 = 44.2 \%$

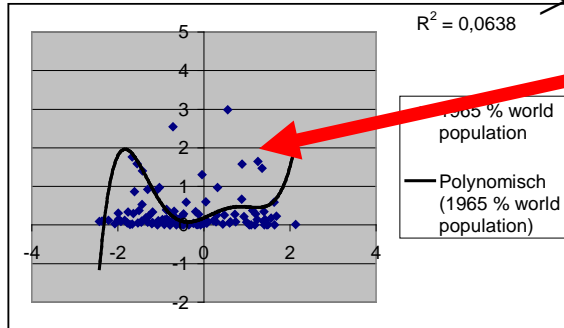
1932–1958; $R^2 = 19.1 \%$

1958–1975; $R^2 = 60.9 \%$

1975–1992; $R^2 = 75.8 \%$

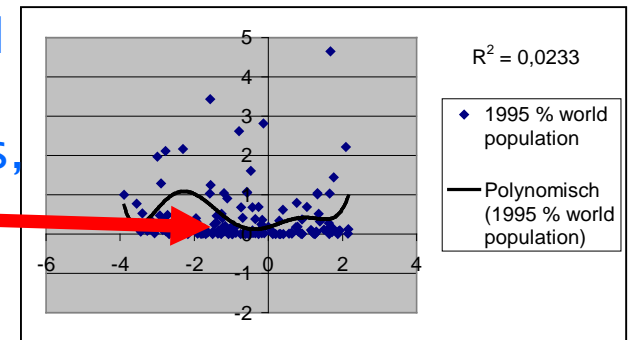
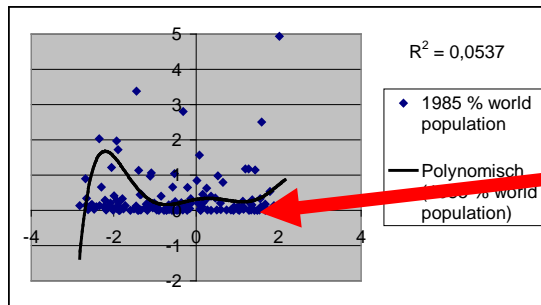
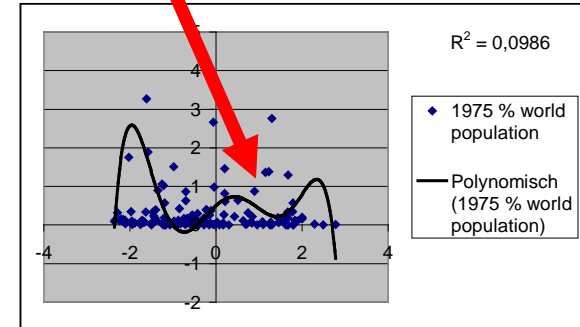
Unfiltered polynomial regressions with the original data,
see Tausch/Ghymers, 2006

1965->1975->1985->1995->2005

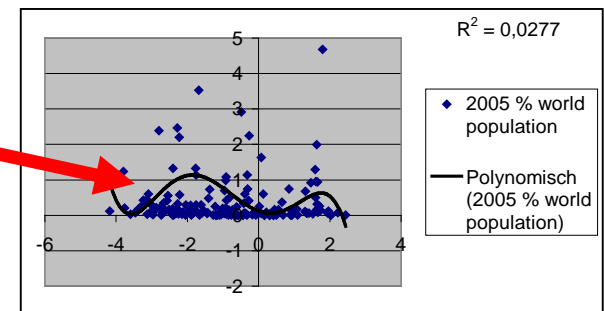


The rise of the semi-periphery in Europe, 65-75

The Arrighi crash destroys the cumulated economic progress of the semi-peripheries, 85-95



India and China etc. now are the superstars, 2005



*The redistribution of world resources
UNDP data following
Giovanni Arrighi's method*

$$\begin{aligned} \% \text{ of world population} &= a_0 + b_1 * (\ln (\text{GNP per cap} \\ &\text{PPP/World GNP per capita PPP})) + -b_2 * (...)^2 + -b_3 \\ &* (...)^3 \dots \end{aligned}$$

Hypothesis: European Commission thinking simply does not care properly enough about critical, quantitative dependency theories

proof 1 – Volker Bornschier in the ECLAS

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http://ec.europa.eu/eclas/F

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Basic Search (in ECLAS)

Type word or phrase	bornschier		
Field to search	Author	Which field?	i
Words adjacent?	<input type="radio"/> No <input type="radio"/> Yes		
<input type="button" value="Go"/> <input type="button" value="Clear"/>			

Some examples:

- ✓ Jacques Delors
- ✓ Barroso **or** prodi **or** santer **or** Delors
(Remember, for more accurate results, use: "last name first name")
- ✓ "levanti patricia"
- ✓ "Michel Louis"

Some more [tips and examples](#)

Limit search to:

Languages:	all	Year from:		Year to:		yyyy (Use ? for truncation when not using from/to)
		Format:	all	Location:	All EC libraries	

Search hints:

- If you choose Yes for "Words adjacent," you can type in the phrase *European integration* and the system will understand that you want only records that have the word *European* NEXT to the word *integration*.
- Lowercase letters will find matches of capitalized words also. For example, *germany* will find matches for *germany*, *Germany* and *GERMANY*.
- You may use the Boolean operators AND and OR in your search string. For example, you could type *(competition OR antitrust) AND law* to retrieve all records having *competition* or *antitrust* in them, together with the word *law*.
- Use the ? character to find matches that contain portions of words. For example, *politi?* will retrieve *politica*, *political*, *politics*, *politique*, etc. In another example, *?ology* will retrieve *anthropology*, *archaeology*, *psychology*, etc. The ? character may also be used to find variant spellings. For example, *alumi?m* will find both the American spelling, *aluminum*, and the British spelling, *aluminium*.

Results for **W-Authors (personal)= bornschier** (Sorted by: Year (descending)/Author)

Viewing: **1 - 6 of 6** (Maximum display and sort is 1000 records)

Jump to #

Functions: ▾



▾ **For full record, click line number or title link**
 ▾ **To change sort order, click underlined column heading**
 ▾ **For loan/photocopy, click library name**

#	Author	Title	Year	Format	Library / Items
<input type="checkbox"/> 1	Kriesi, Hanspeter.	<u>West European politics in the age of globalization /</u>	2008.	Monograph	<u>Central Library(1/ 0)</u>
<input type="checkbox"/> 2	Bornschier, Volker.	<u>Culture and politics in economic development /</u>	2005.	Monograph	<u>Development(1/ 0)</u>
<input type="checkbox"/> 3	Bornschier, Volker, 1944-	<u>State-building in Europe : the revitalization of European integration /</u>	2000.	Monograph	<u>Central Library(1/ 0)</u>
<input type="checkbox"/> 4	Bornschier, Volker, 1944-	<u>Comparative world data. A statistical handbook for social science /</u>	1988.	Monograph	<u>Central Library(1/ 0)</u>
<input type="checkbox"/> 5	Bornschier, Volker, 1944-	<u>Westliche Gesellschaft im Wandel /</u>	c1988.	Monograph	
<input type="checkbox"/> 6	Bornschier, Volker, 1944-	<u>Multinationale Konzerne, Wirtschaftspolitik und nationale Entwicklung im Weltsystem /</u>	1980.	Monograph	<u>Central Library(1/ 0)</u>

You can revise your search in **ECLAS**: How?

WAU = (bornschier)

Revise



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Contrasting hypothesis: the US Army analysts indeed take such critical theories seriously

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Track updates to the MiPALs by using the "[Rich Site Summary \(RSS\)](#)" link in the menu bar at the top of the screen.

New on MERLN:

March 2010 - The National Defense University Library is proud to announce the release of the revised Weapons of Mass Destruction Military Policy Awareness Link (MiPAL). Working in partnership with NDU's Center for the Study of Weapons of Mass Destruction, the Library staff has completely restructured the page to provide direct access to the latest research, analysis and policy statements on biological, chemical, and nuclear weapons, international initiatives and treaties relating to WMD, nonproliferation, disarmament, and efforts to stop the use of WMD by terrorists. Please visit the [WMD](#) MiPAL to see the new site.

January 2010 - A new category has been added to MERLN's Haiti Military Policy Awareness Links page. The new category focuses on disaster relief and rebuilding efforts in the aftermath of the devastating earthquake that struck Haiti on 12 January. Visit the [Haiti](#) MiPAL for the latest statements on U.S. assistance efforts and news and analysis on the situation in Haiti.

September 2009 - The MERLN staff welcomes participants in the [2009 International Alumni Reunion and Defense Symposium](#) to Fort McNair.

April 2009 - The inaugural edition of MERLN's new alert service, [Issues at a Glance](#), is now available, featuring a comprehensive selection of resources on [piracy off the coast of Somalia](#). Pulled together on one page for easy access are U.S. policy responses and recommendations, as well as websites and reports providing information on the international response, the scope and

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3.  [Comparative world data : a statistical handbook for social science /](#)
Author: Müller, Georg P.; Bornschier, Volker,
Publication: Baltimore : Johns Hopkins University Press, 1988
Document: English : Book
Libraries: [MERLN Catalog:](#) 2 [Worldwide:](#) 458
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4.  [Transnational corporations and underdevelopment /](#)
Author: Bornschier, Volker, 1944-; Chase-Dunn, Christopher K.
Publication: New York : Praeger, 1985
Document: English : Book
Libraries: [MERLN Catalog:](#) 2 [Worldwide:](#) 392
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5.  [Western society in transition /](#)
Author: Bornschier, Volker, 1944-
Publication: New Brunswick, N.J. : Transaction Publishers, 1996
Document: English : Book
Libraries: [MERLN Catalog:](#) 4 [Worldwide:](#) 290
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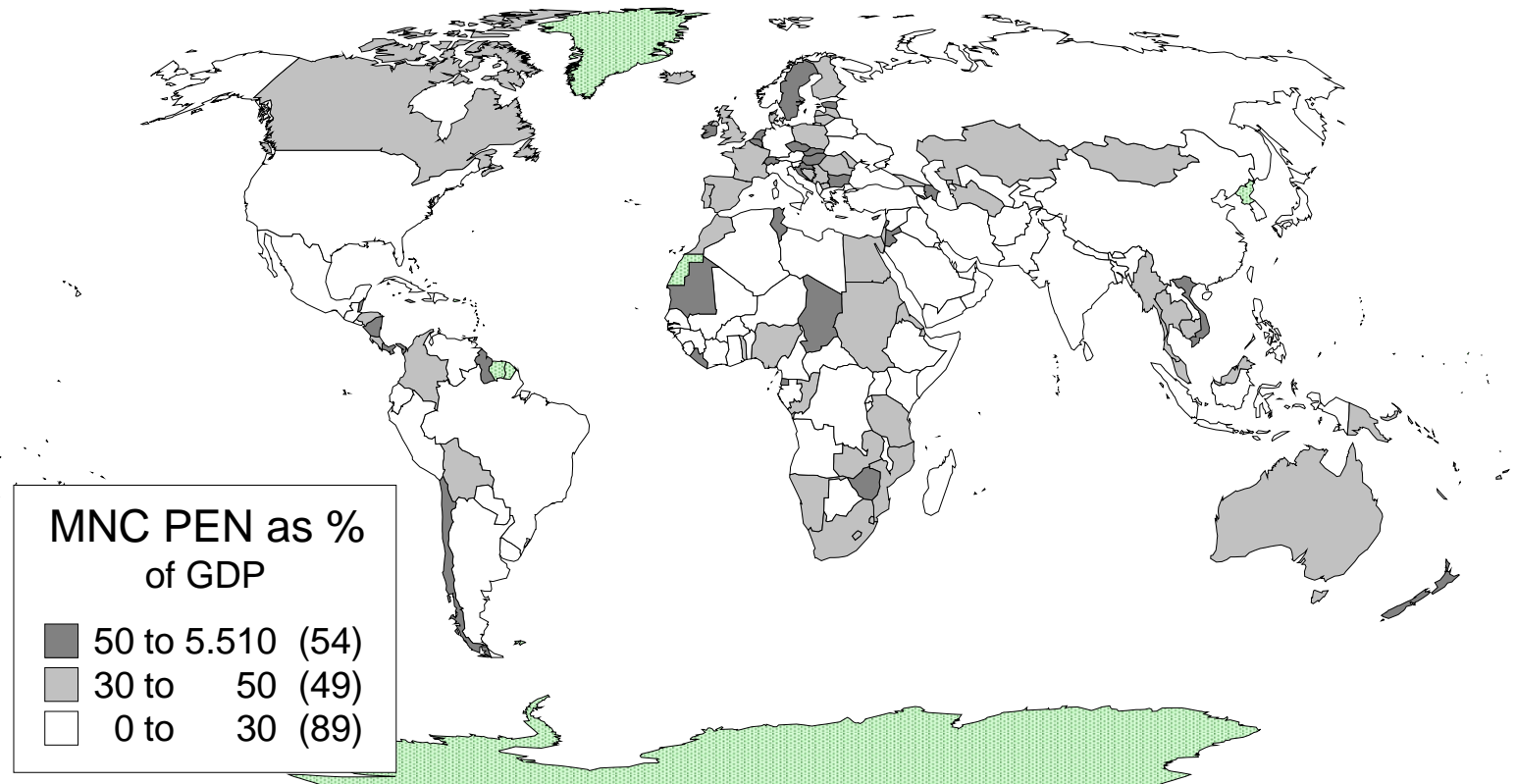
6.  [State-building in Europe : the revitalization of Western European integration /](#)
Author: Bornschier, Volker, **Publication:** Cambridge [England] ; New York : Cambridge University Press, 2000
Document: English : Book
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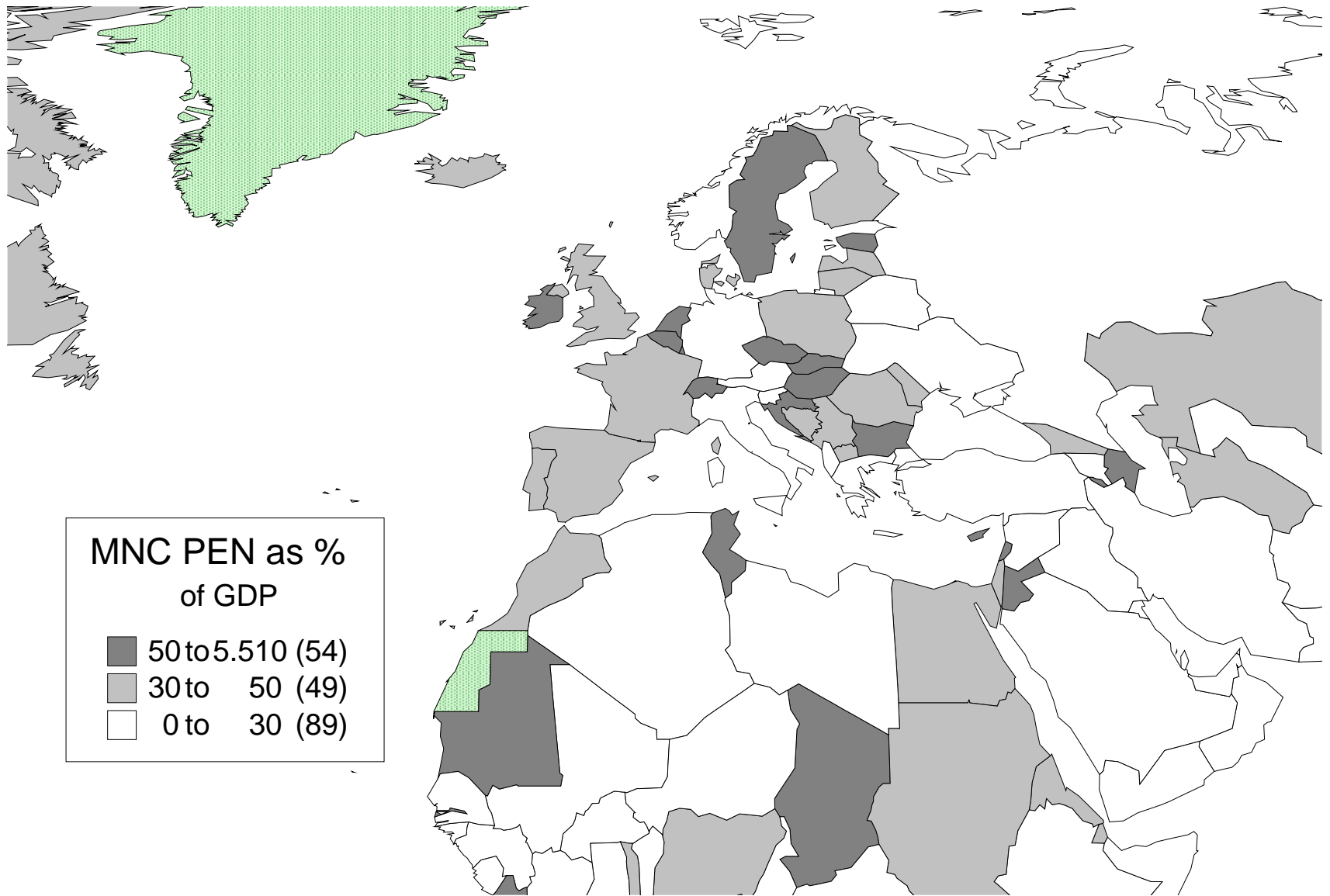
7.  [The Future of global conflict /](#)
Author: Bornschier, Volker,; Chase-Dunn, Christopher K. **Publication:** London : Thousand Oaks, CA : Sage Publications, 1999
Document: English : Book
Libraries: [MERLN Catalog:](#) 5 [Worldwide:](#) 224
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8.  [Culture and politics in economic development /](#)
Author: Bornschier, Volker, 1944- **Publication:** London ; New York : Routledge, 2005
Document: English : Book
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Foreign capital penetration in 2006





Let's start to talk
about the real
reasons of the
Lisbon failure



BORNSCHIER V. and BALLMER-CAO, T. H. 1979. Income Inequality: A Cross-National Study of the Relationships Between MNC-Penetration, Dimensions of the Power Structure and Income Distribution. *American Sociological Review*, 44(3), 438-506.

BORNSCHIER V., 1980. Multinational Corporations, Economic Policy and National Development in the World System. *International Social Science Journal*, 32 (1), 158-172.

BORNSCHIER V., 1981. Dependent Industrialization in the World Economy: Some Comments and Results concerning a Recent Debate. *The Journal of Conflict Resolution*, Vol. 25(3), 371-400.

BORNSCHIER V., 1982. The World Economy in the World System. Structure Dependence and Change. *International Social Science Journal*, 34 (1), 38-59.

BORNSCHIER V., 1996. *Western society in transition*. New Brunswick, NJ: Transaction Publishers.

BORNSCHIER V., CHASE-DUNN Ch. K. 1985. *Transnational Corporations and Underdevelopment*. N.Y., N.Y.: Praeger.

BORNSCHIER V., CHASE-DUNN Ch. K., RUBINSON R, 1978. Cross-National Evidence of the Effects of Foreign Investment and Aid on Economic Growth and Inequality: A Survey of Findings and a Reanalysis. *American Journal of Sociology*, 84 (3), 651-683.

BORNSCHIER V., HOBY J. P., 1981. Economic Policy and Multinational Corporations in Development: The Measurable Impacts in Cross-National Perspective. *Social Problems*, 28(4), Development Processes and Problems, 363-377.

Samir Amin

- The monopoly of technology, supported by military expenditures of the dominant nations,
- The monopoly of control over global finances,
- The monopoly of access to natural resources,
- The monopoly over international communication and the media, and
- The monopoly of the military means of mass destruction.

Europe never challenged the US on these fronts

- There is a financial and technological **penetration** by the developed capitalist centers of the countries of the periphery and semi-periphery,
- This produces an **unbalanced economic structure** both **within** the peripheral societies and **between** them and the centers,
- This leads to **limitations on self-sustained growth in the periphery**,
- This favors the **appearance of specific patterns of class relations**, and
- These require **modifications in the role of the state** to guarantee both the functioning of the economy and the political articulation of a **society**, which contains, within itself, **foci of inarticulateness and structural imbalance** (Cardoso, 1979).

What really happened after the March 2000 Lisbon Council

Hypothesis: European Commission thinking simply does not care properly enough about critical, quantitative dependency theories

proof 2 –Andre Gunder Frank in the ECLAS

ECLAS - Search Results

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http://ec.europa.eu/eclas/F/X1VCMP4RGLXKB4VX746ILBYGKBKYAFMJCAI3T4QA3VNYB2A473-17305?func=find-b&reque

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Results for Words= frank andre gunder (Sorted by: Year (descending)/Author)

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▼ For loan/photocopy, click library name

#	Author	Title	Year	Format	Library / Items
<input type="checkbox"/> 1	Gunder, Frank André.	<u>Les ironies de l'économie en Europe : une interprétation des politiques Est-Ouest par référence à l'économie mondiale /</u>	1992	Article	<u>Central Library(1/ 0)</u>
<input type="checkbox"/> 2	Frank, André Gunder.	<u>Schuldenkrise : Bankrott als Zuflucht /</u>	1987	Article	<u>Central Library(1/ 0)</u>
<input type="checkbox"/> 3	Frank, André Gunder.	<u>Crisis: in the third world /</u>	1981.	Monograph	<u>Development(2/ 0)</u>
<input type="checkbox"/> 4	Frank, André Gunder.	<u>Crisis: in the world economy /</u>	1980.	Monograph	<u>Central Library(2/ 0)</u> <u>Central Library</u> <u>Luxembourg(2/ 0)</u>
<input type="checkbox"/> 5	Frank, André Gunder.	<u>Dependent accumulation and underdevelopment /</u>	1979.	Monograph	<u>Central Library(1/ 0)</u>
<input type="checkbox"/> 6	Frank, André Gunder.	<u>Réflexions sur la nouvelle crise économique mondiale /</u>	1978.	Monograph	<u>Central Library(1/ 0)</u>

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WRD = (frank andre gunder)

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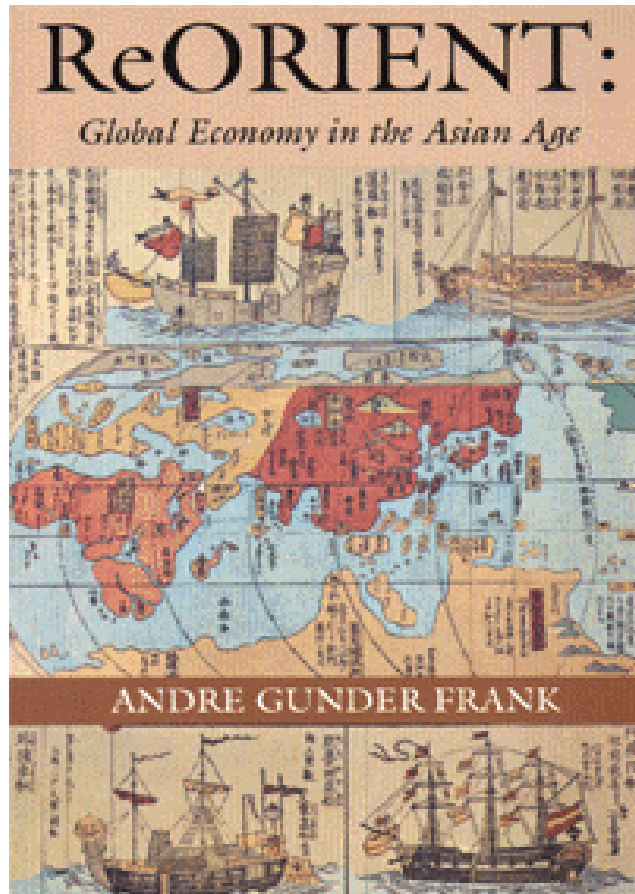
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<http://www.netlibrary.com/urlapi.asp?action=summary&v=1&bookid=6822>
Author: Frank, Andre Gunder, 1929- Publication: Berkeley : University of California Press, 1998
Document: English : Internet Resource | Computer File
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Publication: New York, Monthly Review Press 1967
Document: English : Book
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Publication: Berkeley : University of California Press, 1998
Document: English : Book
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 [See more details for locating this item](#)
- ☐  **Dependence and underdevelopment. Latin America's political economy.**
Author: Cockcroft, James D.; Frank, Andre Gunder,; Johnson, Dale L.
Publication: Garden City, N.Y., Anchor Books, 1972
Document: English : Book
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Eurocentric Brussels thinking does not even care to take notice of a classic of the 21st Century – „Reorient“ is now present at hundreds of academic libraries around the globe. Again, the US Army is a „best practice model“ for ECLAS ...

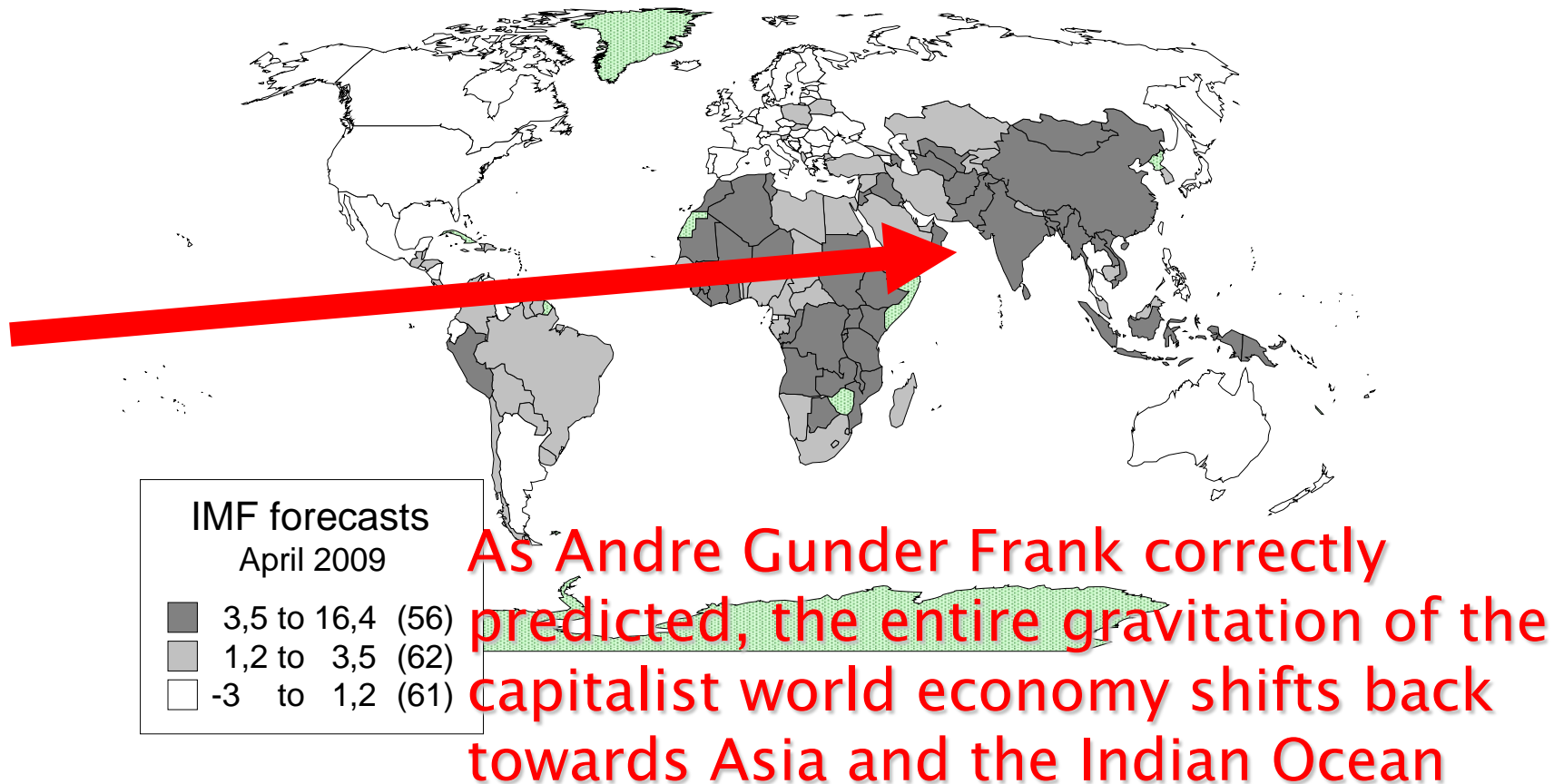
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The prophet who told the world in 1998
what will happen in 2008

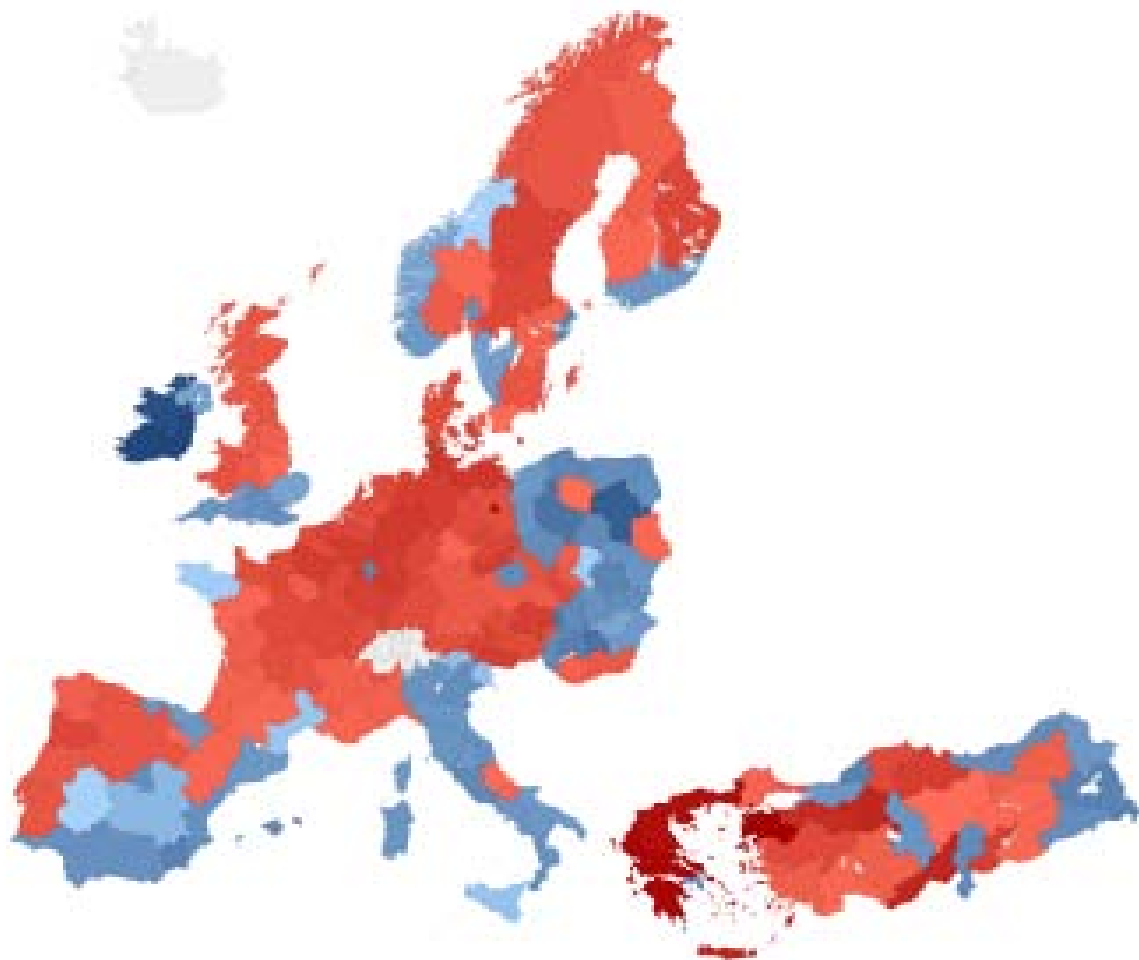
Andre Gunder Frank (Berlin, February 24, 1929 –
Luxembourg, April 23, 2005)

Economic growth in the world system, 2010

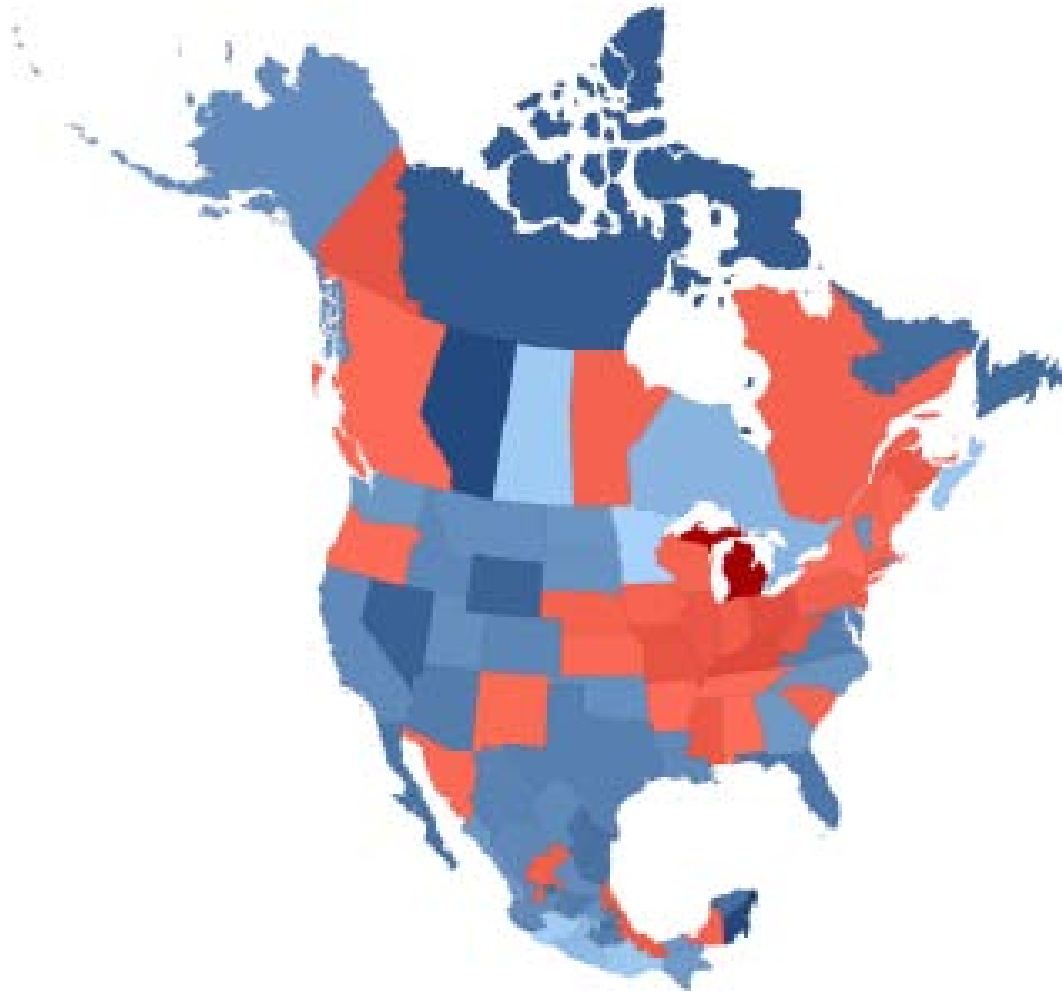


Source: our own map from
<http://www.imf.org/external/pubs/ft/weo/2009/01/weodata/weoselgr.aspx>

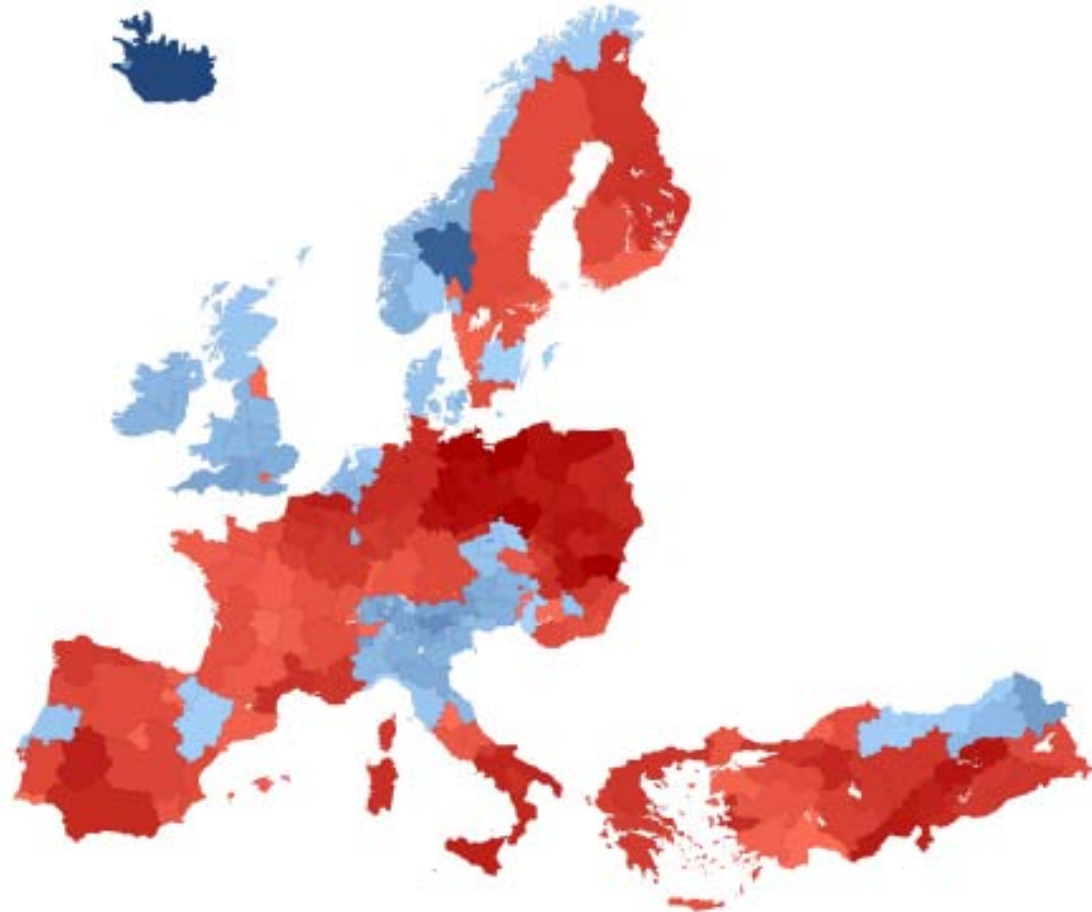
Economic growth above 3% (blue) (OECD data for the period since 2000)



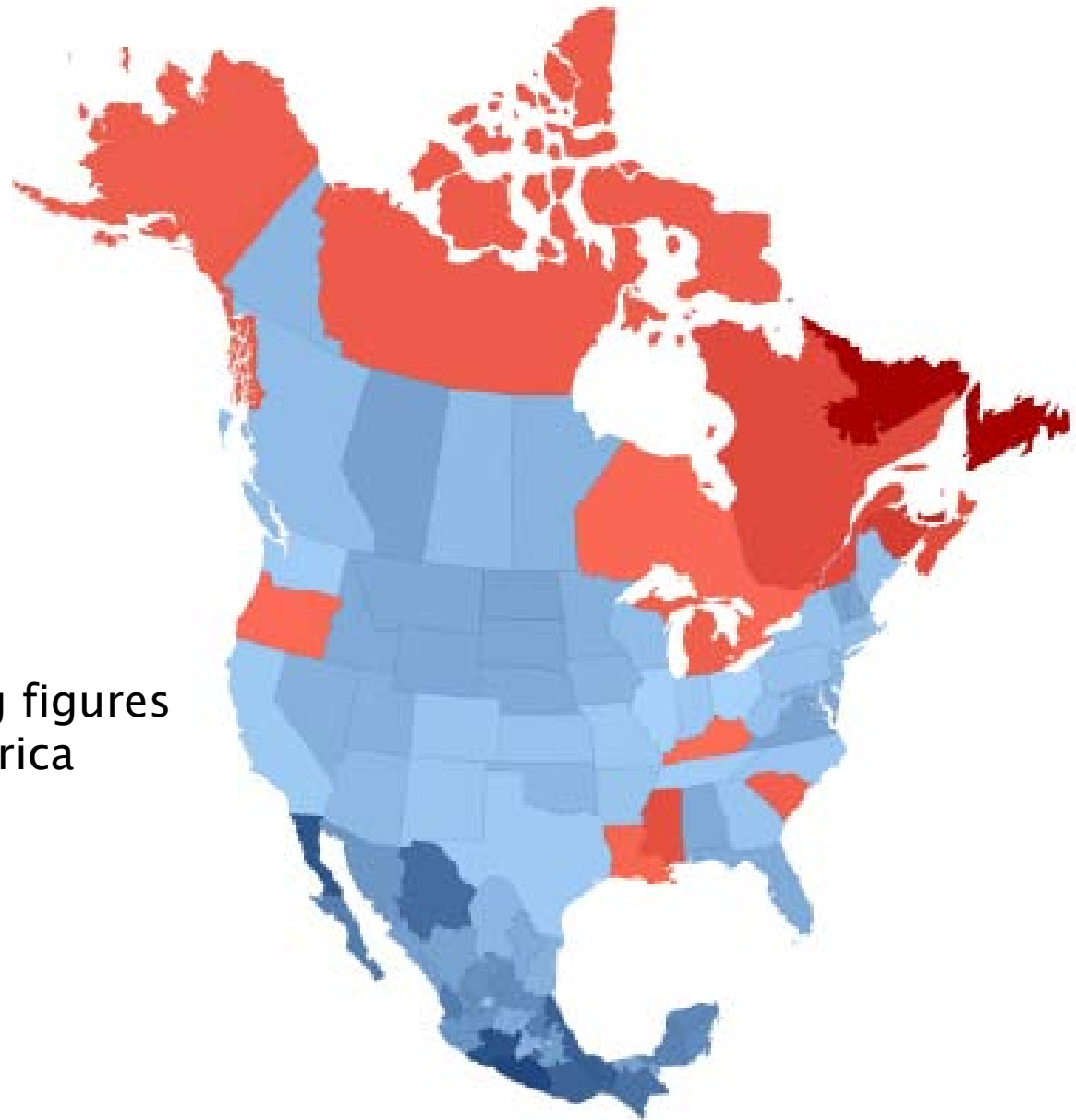
Economic growth, same source and period, in North America
(blue > 3.0%)



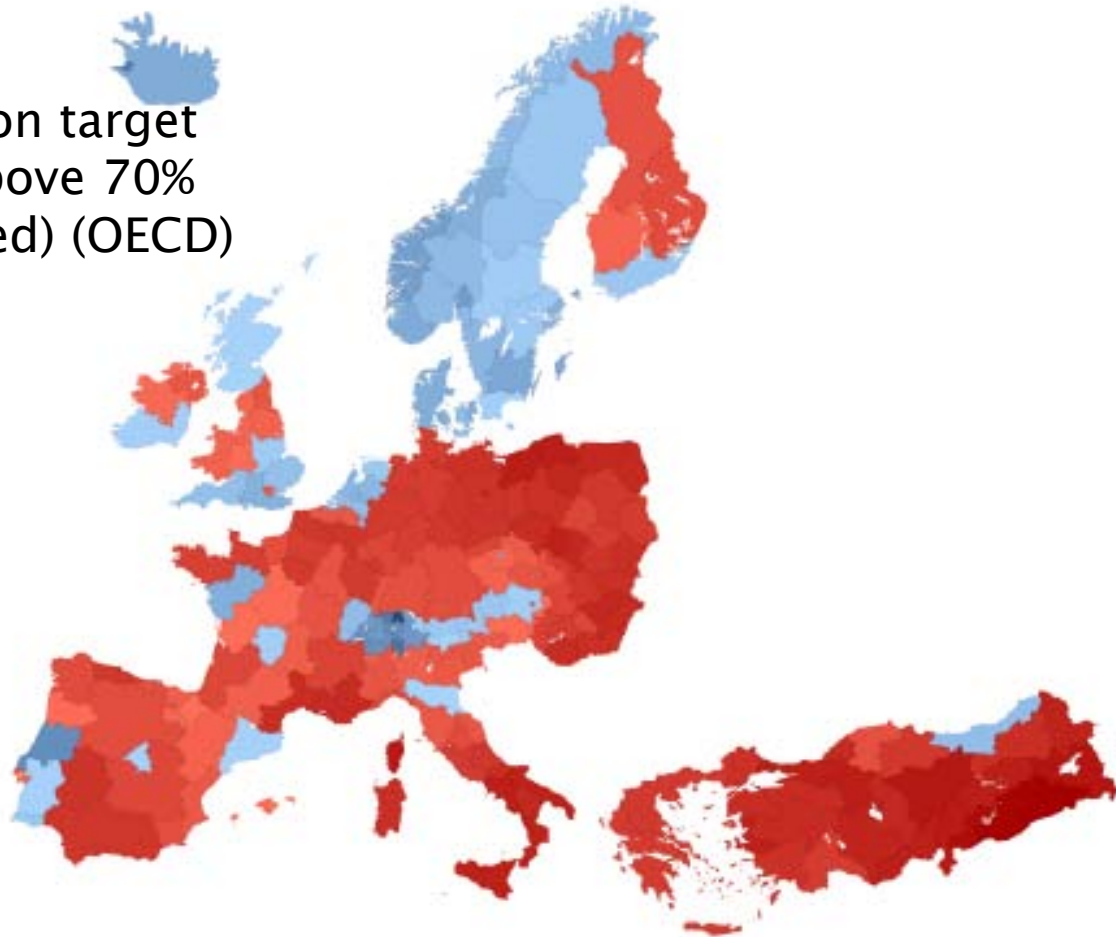
Unemployment above 6% (red) OECD data, before crisis



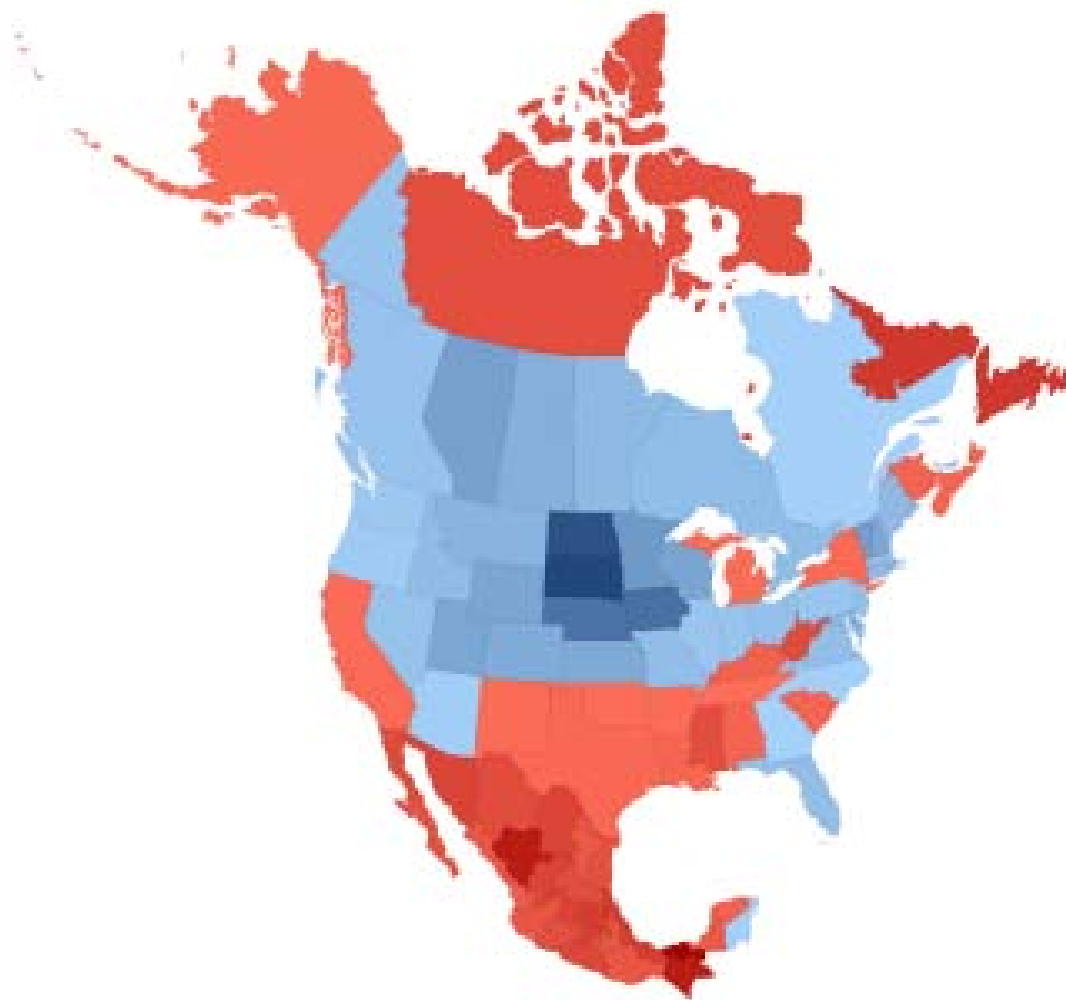
the contrasting figures
For North America



The failed Lisbon target
employment above 70%
(below 70% – red) (OECD)

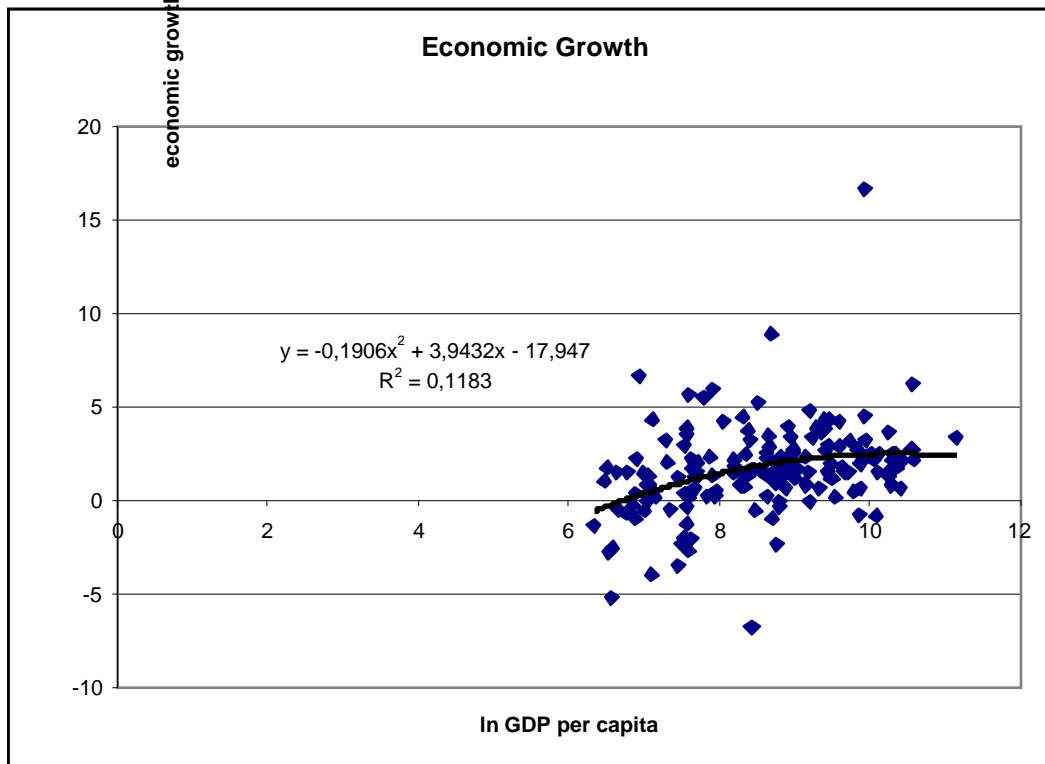


By contrast: North America

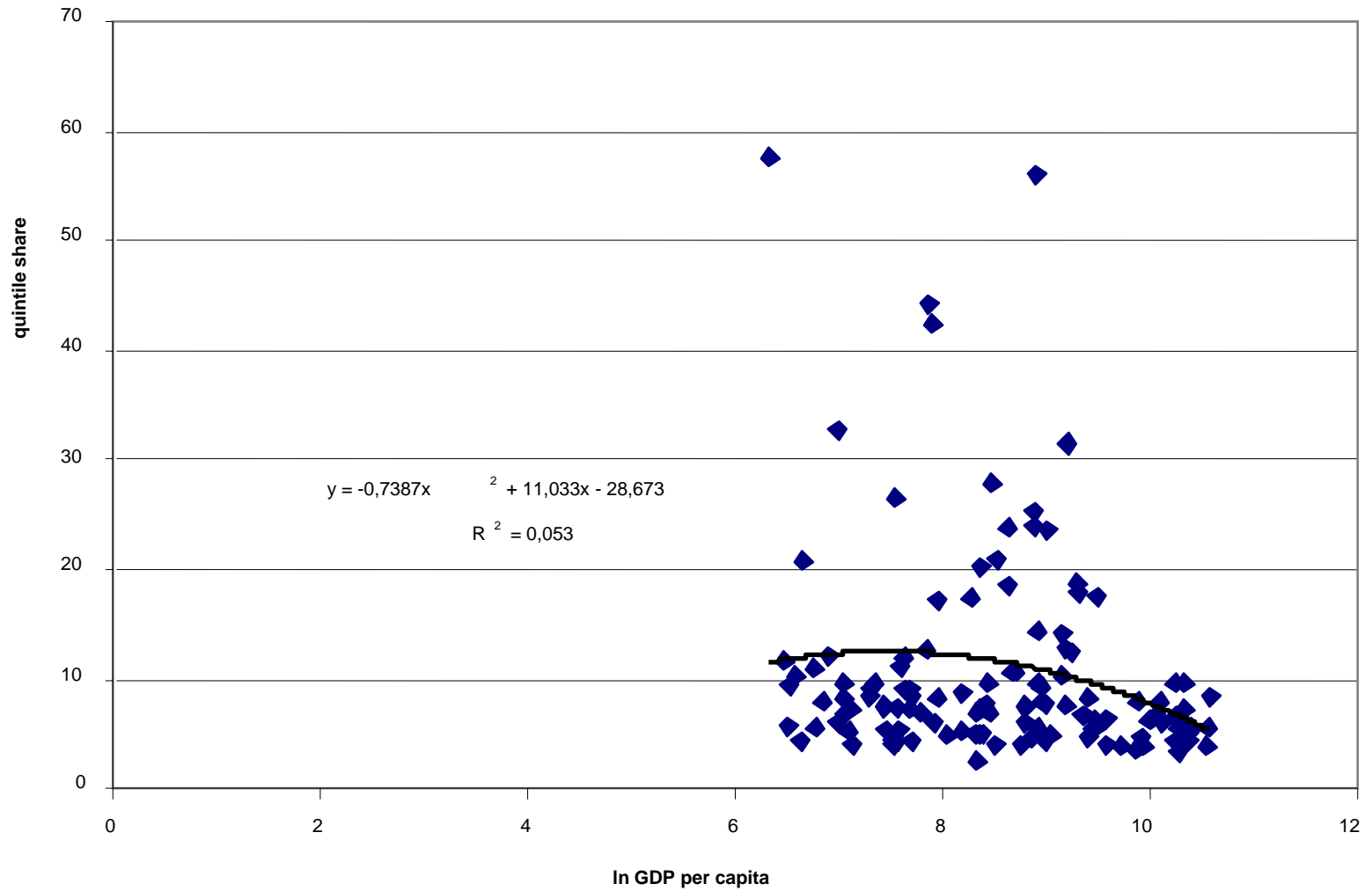


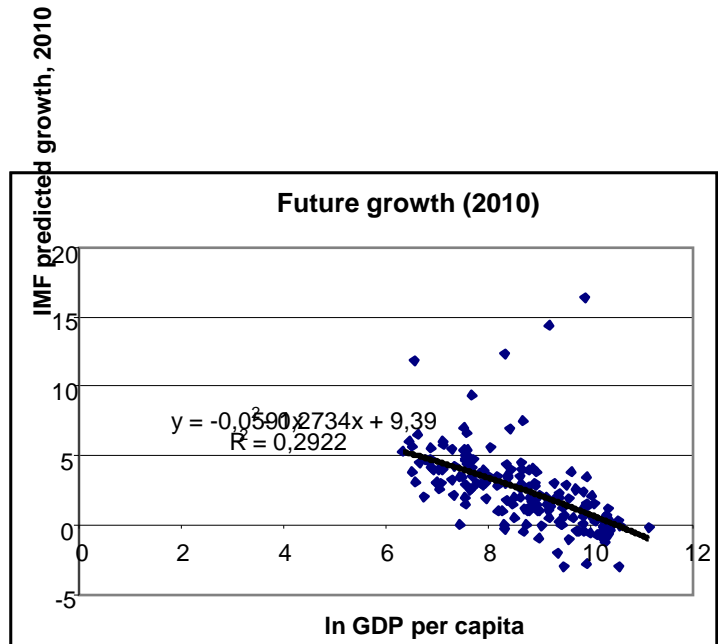
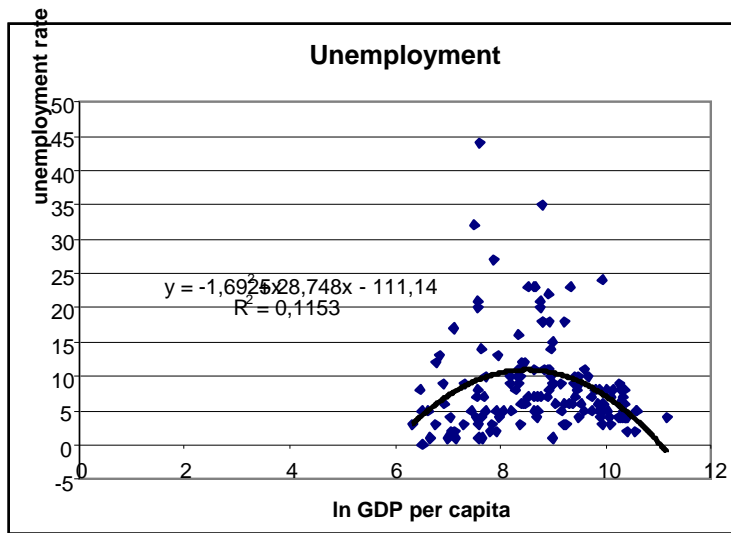
328 major international studies quoted the path-breaking empirical dependency analysis by **Galtung, 1971**, which links dependency measured by trade partner concentration and the concentration of export products to the inequality of income distribution. Further **74 major international studies** were based on the **Sunkel essay, 1973**, which is more directly linked to the concept of MNC penetration than the Galtung essay, 1971. Galtung, 1971 and Sunkel, 1973, in turn must be regarded as the catalyst essays for the two follow-up pioneering quantitative dependency studies, authored by **Chase Dunn, 1975** [which had in turn **213 follow-up studies**], and **Rubinson, 1976** [which yielded **170 follow-up studies** in the major social science journals of the world to date]. **Bornschier/Chase-Dunn/Rubinson**, based on Chase-Dunn, 1975, and Robinson, 1978, later became the most important study in the field, systematizing research based on the concept of **MNC penetration**. This essay initiated **185 follow-up studies**, while **Bornschier/Ballmer-Cao**, devoted to the issue of economic inequality as a consequence of MNC penetration, originated **74 follow-up studies**. Later tests of the Bornschier hypotheses could nothing but support and refine the original argument, independently of the research design, for different indicators and different time periods and different samples and different methods (see *inter alia* Beer, 1999; Bornschier, 1982, 2002; Dutt, 1997; Heshmati, 2006b; Kentor, 1998; Klitgaard R. and Fedderke J., 1995; Tausch, 2003; Tausch and Prager, 1993; Tsai 1995

economic growth, 1990-2005, p.a. and pc.



Inequality





1. Economic Growth 1990-2005	Beta	std error	beta-weight	t-value	error prob
Constant	-11.895	9.620	xx	-1.236	0.219
% world population	0.186	0.072	0.200	2.596	0.011
Annual population growth rate, 1975-2005 (%)	-0.338	0.174	-0.179	-1.942	0.054
MNC PEN INWARD	0.033	0.008	0.347	4.263	0.000
DYN MNC PEN 95-2005	-0.014	0.008	-0.159	-1.904	0.059
public education expenditure per GNP	-0.315	0.093	-0.275	-3.406	0.001
ln GDP	3.138	2.218	1.629	1.415	0.160
ln GDP^2	-0.154	0.127	-1.397	-1.218	0.226
F-test=7.277, R2 adj 0.243, n=138					
2. Inequality	Beta	std error	beta-weight	t-value	error prob
Constant	-172.157	41.478	xx	-4.151	0.000
% world population	-0.216	0.278	-0.065	-0.777	0.439
Annual population growth rate, 1975-2005 (%)	3.287	0.978	0.415	3.362	0.001
MNC PEN INWARD	0.080	0.039	0.193	2.031	0.045
DYN MNC PEN 95-2005	-0.068	0.034	-0.185	-2.012	0.047
public education expenditure per GNP	0.836	0.405	0.183	2.062	0.042
ln GDP	39.910	9.528	5.356	4.189	0.000
ln GDP^2	-2.261	0.546	-5.269	-4.141	0.000
F-test=6.776, R2 adj 0.264, n=114					

3. Life Expectancy	Beta	std error	beta-weight	t-value	error prob
Constant	-43.401	31.747	xx	-1.367	0.174
% world population	0.027	0.238	0.006	0.113	0.910
Annual population growth rate, 1975-2005 (%)	-0.927	0.546	-0.107	-1.698	0.092
MNC PEN INWARD	-0.043	0.025	-0.097	-1.745	0.083
DYN MNC PEN 95-2005	0.031	0.025	0.072	1.244	0.216
public education expenditure per GNP	-0.531	0.309	-0.097	-1.722	0.087
ln GDP	19.911	7.323	2.189	2.719	0.007
ln GDP^2	-0.754	0.419	-1.445	-1.801	0.074
F-test=34.233, R2 adj 0.624, n=141					

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4. Unemployment	Beta	std error	beta-weight	t-value	error prob
Constant	-109.356	27.734	xx	-3.943	0.000
% world population	-0.239	0.202	-0.099	-1.186	0.238
Annual population growth rate, 1975-2005 (%)	-0.111	0.484	-0.022	-0.230	0.818
MNC PEN INWARD	0.041	0.022	0.162	1.857	0.066
DYN MNC PEN 95-2005	-0.008	0.021	-0.033	-0.367	0.714
public education expenditure per GNP	0.782	0.274	0.251	2.859	0.005
ln GDP	27.537	6.379	5.169	4.317	0.000
ln GDP^2	-1.635	0.363	-5.367	-4.500	0.000
F-test=5.305, R2 adj 0.193, n=127					

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5. Growth 2010 (IMF)	Beta	std error	beta-weight	t-value	error prob
Constant	-3.343	10.673	xx	-0.313	0.755
% world population	0.220	0.080	0.187	2.752	0.007
Annual population growth rate, 1975-2005 (%)	1.060	0.184	0.460	5.772	0.000
MNC PEN INWARD	-0.015	0.008	-0.132	-1.860	0.065
DYN MNC PEN 95-2005	0.012	0.008	0.104	1.397	0.165
public education expenditure per GNP	0.155	0.104	0.107	1.488	0.139
ln GDP	1.521	2.463	0.631	0.617	0.538
ln GDP^2	-0.132	0.141	-0.952	-0.934	0.352
F-test=14.239, R2 adj 0.400, n=140					
6. Under Five Mortality	Beta	std error	beta-weight	t-value	error prob
Constant	1241.548	171.617	xx	7.234	0.000
% world population	-0.491	1.288	-0.019	-0.381	0.704
Annual population growth rate, 1975-2005 (%)	7.101	2.947	0.143	2.410	0.017
MNC PEN INWARD	0.293	0.146	0.102	2.007	0.047
DYN MNC PEN 95-2005	-0.122	0.140	-0.046	-0.874	0.384
public education expenditure per GNP	-1.880	1.670	-0.061	-1.126	0.262
ln GDP	-243.800	39.620	-4.688	-6.153	0.000
ln GDP^2	12.051	2.266	4.035	5.318	0.000
F-test=40.275, R2 adj 0.663, n=141					

MNC penetration is responsible for a **‘bad performance’** according to the following development indicators:

- **tertiary emigration rate**
- **infant mortality**

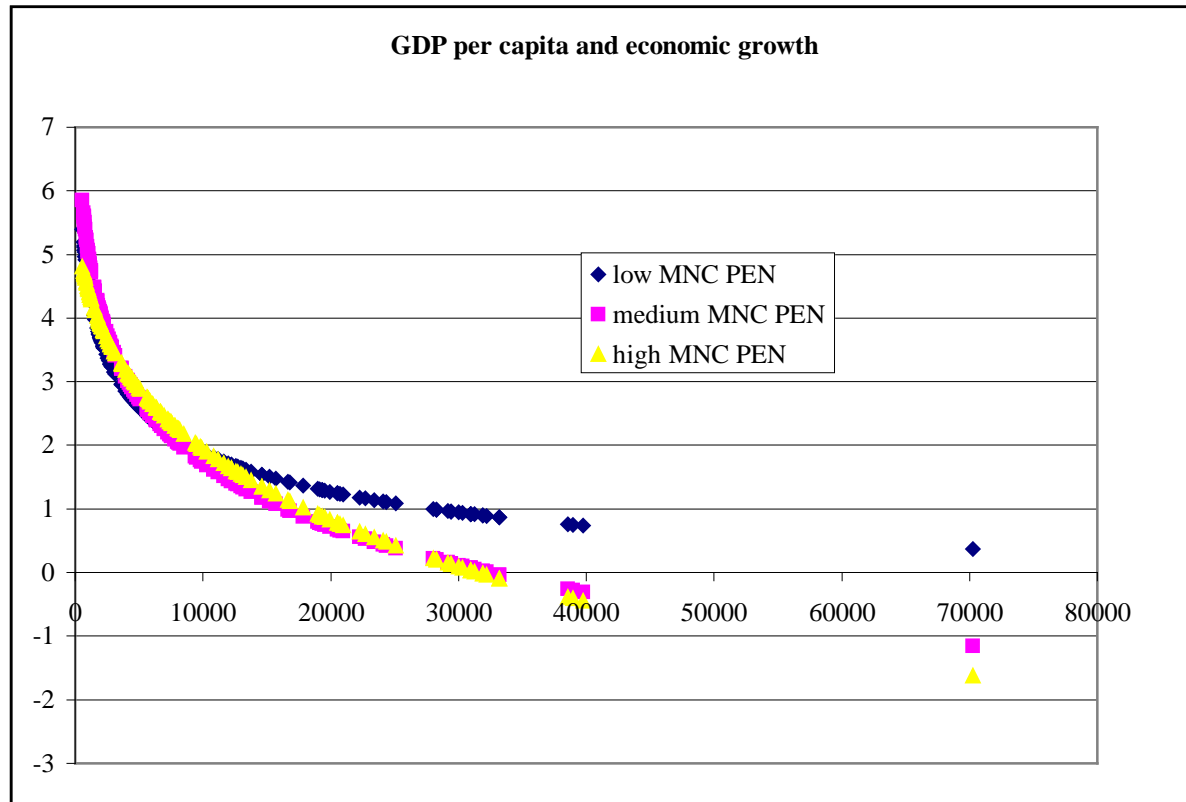
By descending order of the magnitude of the ‘bad’ effect, MNC penetration also negatively affects

- **social security expenditure per GDP**
- **Environmental Performance Index**
- **tertiary enrolment**
- **female survival probability of surviving to age 65 female**
- **closing educational gender gap**
- **the Human Development Index**

Bornschier, in his 1980 article for the *ISSJ* said:

'That the growth-reducing consequence of MNC penetration has to date aroused rather mild scholarly and public concern is especially due to two factors. First, so long as overall MNC investment remains high, the negative effect of penetration is partly neutralized. Second, the most important negative effect concerns those countries for which the growth potential is above average. Thus, the slowing down of economic growth in the long run, in general does not imply economic stagnation, but a markedly lower growth rate than one would expect against the background of the growth potential.'
(Bornschier, 1980: 161)

Economic growth in 2010 in countries with low, medium and high MNC penetration



Note: the 167 countries with complete data were divided into three groups with about equal size –
countries 1 – 55 with the lowest MNC penetration,
56 – 112 with medium MNC penetration,
and 113–167 with highest MNC penetration

EU
Commission:
Redemption
from your sins
is just around
the corner ...

The investment
of your life

just 80.10\$



Hypothesis: European Commission thinking simply does not care properly enough about critical, quantitative dependency theories
proof 3 –Arno Tausch in the ECLAS

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WRD = (tausch arno)

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The new world structure of the post-crisis years, which now seems to emerge from the ruins of the 1975/2008 long economic cycle, will in many ways even more resemble the world, predicted by Bornschier at the time, because projected economic growth and social cohesion during the global crisis is very negatively determined by past MNC penetration. Thus the early formulations of quantitative dependency, written in the late 1970s, gain in relevance nowadays again, because the phase of the long economic cycle, which we currently face, is similar to the phase of the economic cycle in the 1970s. The only difference to the 1960s and 1970s is that nowadays, the Europeans have become a heavily MNC-penetrated semi-periphery.