THE FACTS TO BE EXPLAINED

Incipit

"The consequences for human welfare involved in the questions about the income gap among countries are simply staggering; once one starts to think about them, it is hard to think about anything else"

Robert Lucas, Nobel prize

Two main Schools of thoughts:

- Neo classical view
- Heterodox perspective

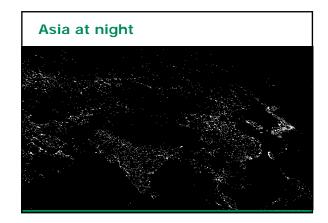
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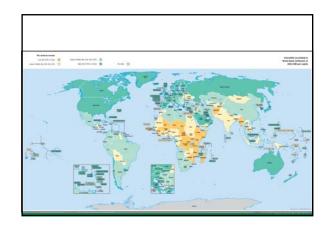


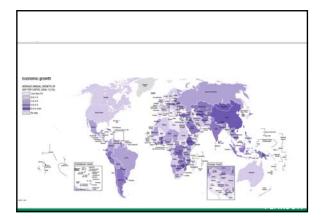


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Some updated indicators

	Population	thousand sq. km	Population density pecons per sq. km 2023	population % of total population 2013	Gross national income			Gross domestic product		
					Atlas method		Purchasing power parity			
	1000am 2012				Stillions 2013	Per capital \$ 2013	5 tillion 2053	Por capital 5 2012	% growth 2012-13	Percapita Signath 2012-13
World	7,125.1 *	154,324.7 +	55 w	53 w	76,119.31	10,683 w	102,197.61	14,545 =	2.3 w	1.1 w
Low Income	848.7	15,359.5	57	30	617.7	728	1,882.6	1,959	5.6	3.3
Middle income	4,970.0	65,026.4	78	50	23,628.9	4,754	47,504.2	9,668	4.9	3.8
Lower middle income	2,561.1	21.590.5	123	- 39	5.312.2	2,074	15.280.5	5,966	5.8	4.3
Upper middle income	2,408.9	43,436.0	66	62	18,316.0	7,604	32,293.8	13,405	4.7	3.0
Low & middle income	5,818.7	80,385.9	74	47	24,252.8	4,168	49,134.9	8,444	5.0	3.6
East Asia & Pacific	2,005.8	16,270.8	126	51	11,104.7	5,536	21,519.5	10,729	7.4	6.4
Europe & Central Asia	272.4	6,478.6	43	60	1,937.5	7,114	3,711.8	13,628	3.7	3.0
Latin America & Carlo.	588.0	19,461.7	31	79	5,610.9	9,542	8,340.8	14,185	2.5	1.3
Middle East & N. Mrica	345.4	B,775.4	40	60					-0.5	-2.2
South Asia	1,670.8	5,136.2	350	32	2,477.5	1,483	8,405.8	5,031	6.6	6.2
Sub-Saharan Africa	936.3	24.263.1	40	37	1.578.8	1.686	3.103.1	3.314	4.1	1.4
High Income	1,306.4	53,038.8	26	80	52,009.9	30,812	53,285.4	40,788	1.4	0.9
Euro area	337.3	2,758.5	126	75	13,272.8	39,350	12,801.4	37,953	-0.5	-0.8
ALWAYS LEARNIN	ıG	Or look at	WB little data	1 book					PEAR	SON





Millennium Summit

In September 2000, building upon a decade of major United Nations conferences and summits, world leaders came together at United Nations Headquarters in New York to adopt the <u>United Nations Millennium Declaration</u>, committing their nations to a new global partnership to reduce extreme poverty and setting out a series of time-bound targets - with a deadline of 2015 - that have become known as the Millennium Development Goals.

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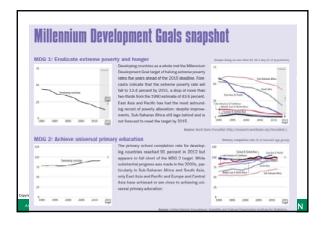
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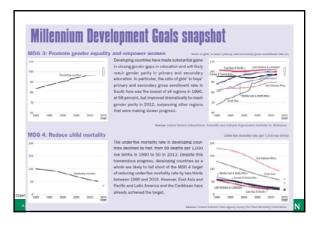
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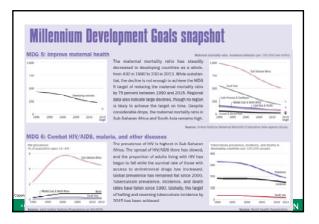
Milicannium Development Goals and Beyond 2015

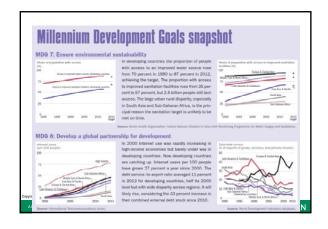
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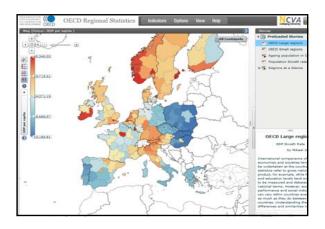


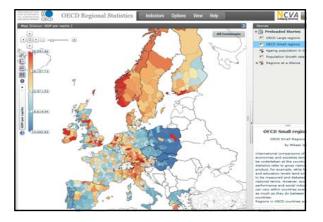


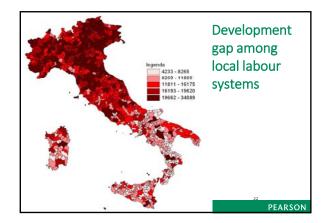


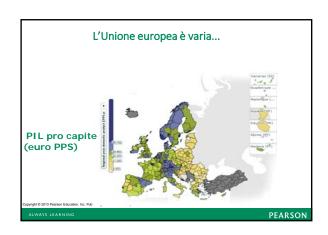




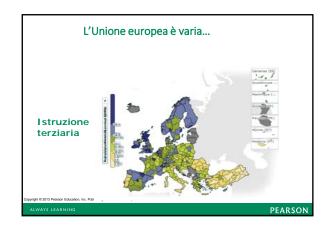




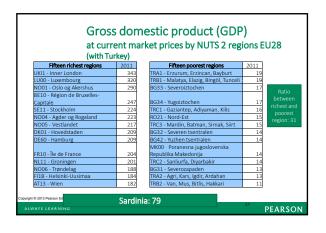


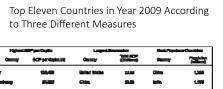




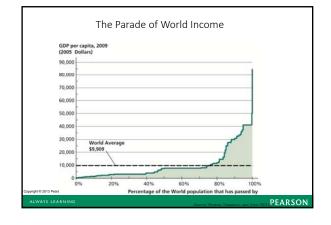




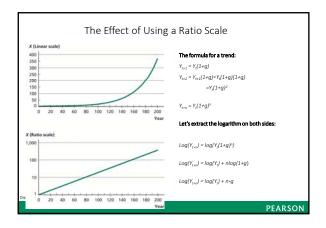


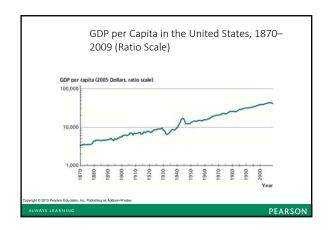


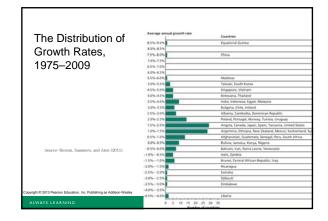
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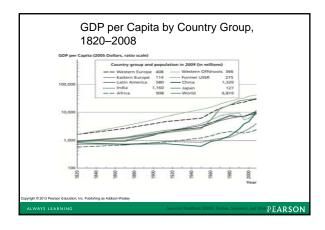


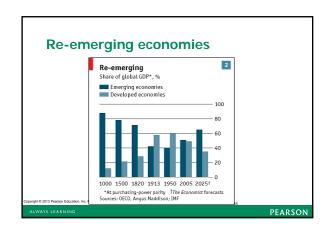


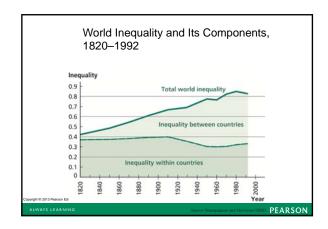












GDP per capita vs Human development index

The two school of thoughts....

The importance of inequality...

See table

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Main sources of data at national and international level

http://ec.europa.eu/eurostat/statistical-atlas/gis/viewer/?year=2014 http://ec.europa.eu/eurostat/data/database

http://stats.oecd.org/Index.aspx http://stats.oecd.org/oecdregionalstatistics/#story=0

http://unctadstat.unctad.org/EN/

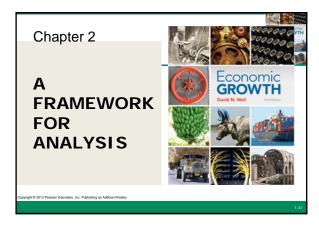
Ignorance

The Ignorance Project



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The Economics of Sylvania and Freedonia: A parable



- Why is Silvania so much poorer then its neighbour, Freedonia?
- You are hired as a consultant by the king of Silvania: you start by computing GDP
- Same population...one eight of the GDP
 - Capital
 - investment...saving...(32 times higher in Freedonia than in Silvania): investment rate 4 times higher... but this would produce a difference in GDP per capita of a multiple of only 2

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Other potential factors



Productivity

- Technology: the available knowledge on how to combine inputs to produce output
- Silvania is 35 years behind... but this explain anotther part of the gap but not all...
- Efficiency
 - Fundamentals
 - Government and Institutions
 - Income inequality

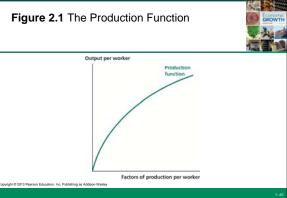
 - Geography and natural resources

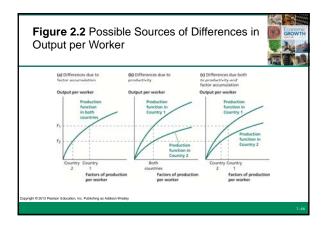
From Parable to practice



- Two main causes for growth
 - The accumulation of inputs
 - Productivity
 - Differences in technology
 - Differences in efficiency

It is important to distinguish between proximate causes and ultimate causes





From income levels to growth rates

- What happens to Silvania if the king is deposed and democracy replaces monarchy such as the two countries have the same fundamentals?
- Does this imply that the two countries have immediately the same GDP pc?

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What can we learn from data: Relationship between Latitude and Income per Capita

GDP per capita, 2009 (2005 bollar, ratio scale)

100,000

Malaysia

10,000

Malaysia

10,000

Longo, Dem. Rep.

2 Inchabre

Latitude (absolute degrees distant from the equator)

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