

Government
Government and institutions affect:
Accumulation of physical capital, through
 Public spending (e.g., roads). Incentives/rules/laws.
Accumulation of human capital, through
 Public spending, e.g. education & health services. Incentives/rules/laws.
Political certainty/uncertainty.
Population growth (e.g. China's one-child policy).
Technological change (public spending on R&D, incentives, patent system)
Efficiency (tax system, regulation, security, administration of laws)
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Theory: What is the role of government?

- Why do we need a government for growth?
 - Correction of market failures.
 - Redistribution of income.

Market failures Market failure occurs when the market does not produce an efficient outcome. Due to: <u>Public goods:</u> E.g. defence, infrastructure, rule of law, currency. <u>Externalities:</u> E.g. R&D, pollution. <u>Monopoly:</u> E.g. electricity transmission. <u>Coordination failures:</u> When a group of firms could achieve a more desirable equilibrium but fail to because they do not coordinate their decision making. E.g. car producers unwilling to invest bc of uncertainty about supply of car parts; supplier industry unwilling to invest bc of uncertainty about demand.

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Externalities:

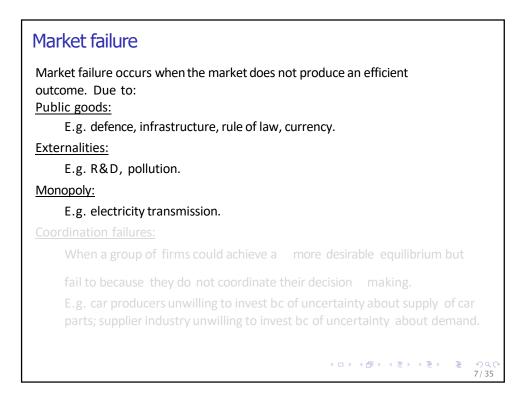
E.g. R&D, pollution.

<u>Monopoly:</u>

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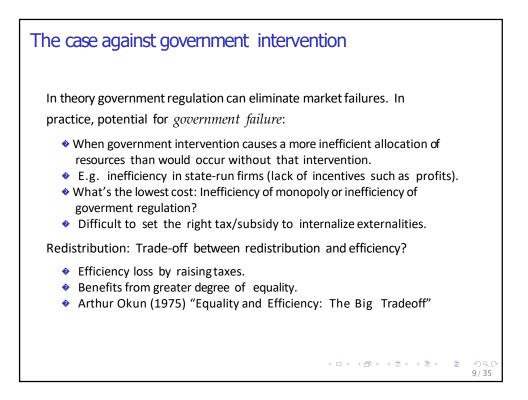
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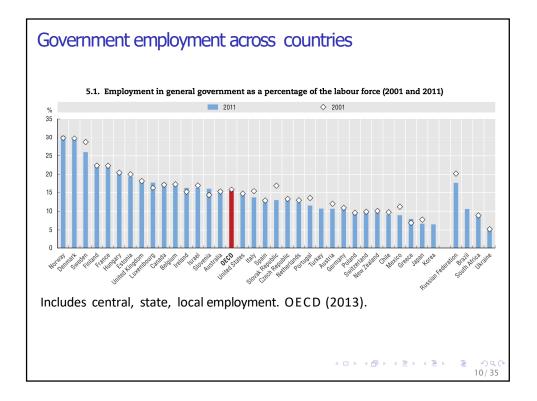
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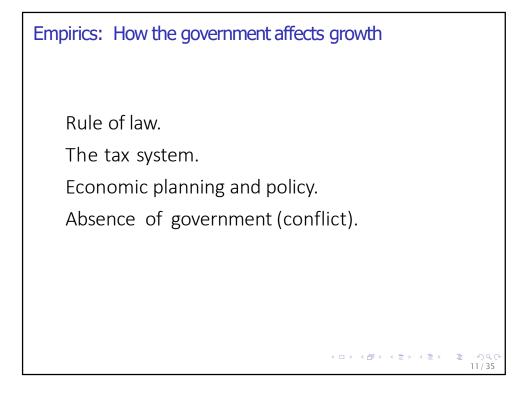
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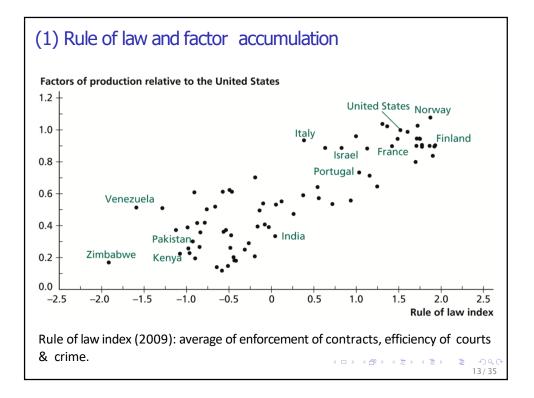
Redistribution High- to low income. Between generations. But does it help growth? A cover inequality is correlated with faster growth. Redistribution is correlated with higher growth Inequality affects physical and human capital accumulation More: Chapter 13.

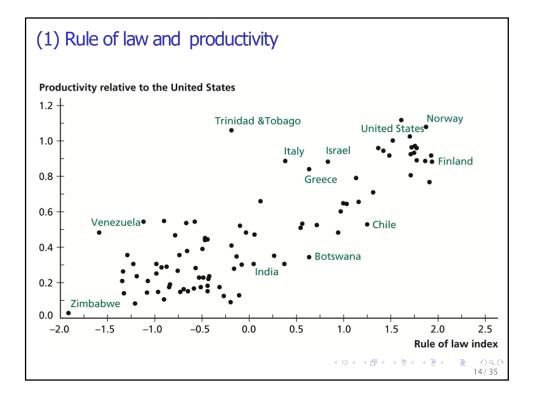




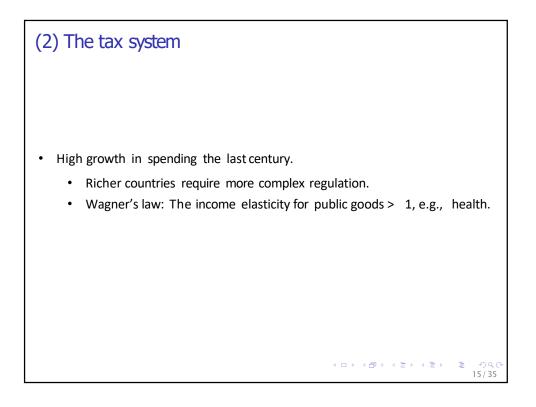


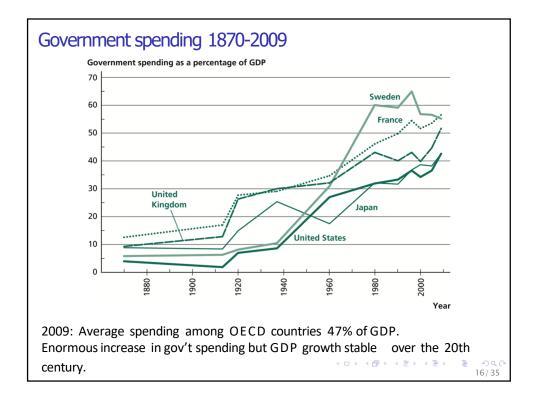


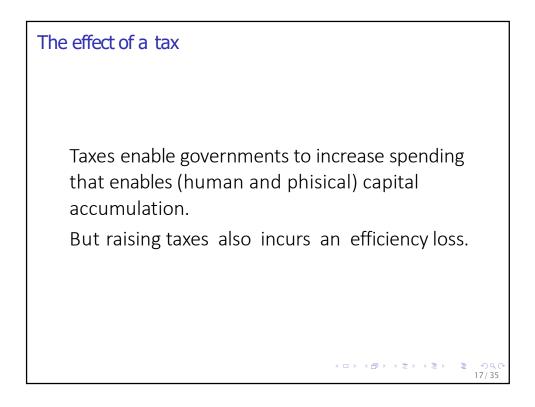


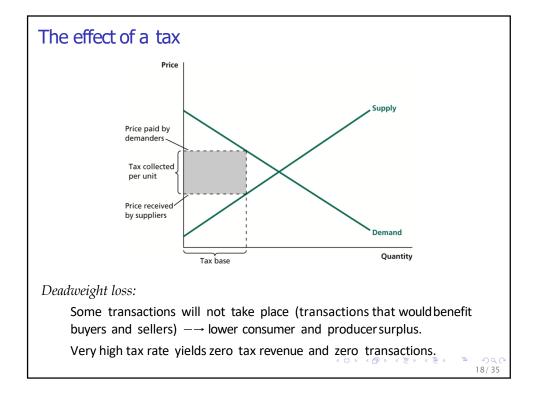


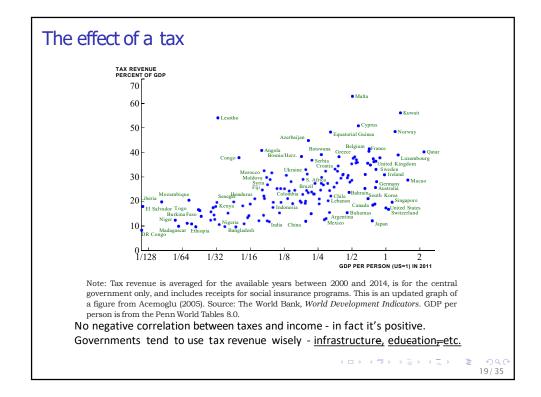
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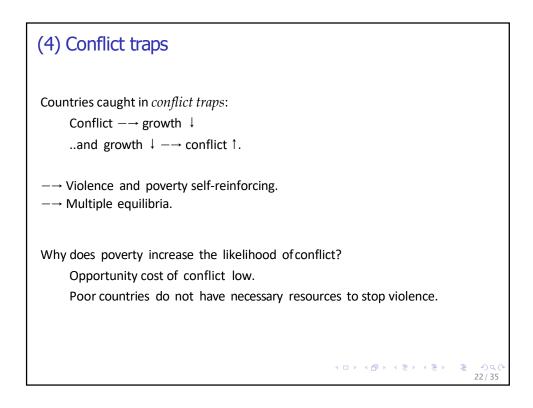


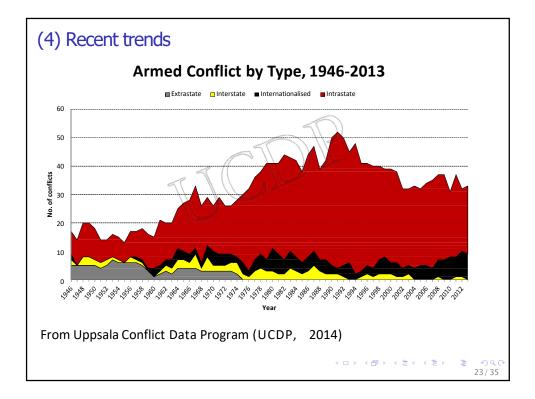


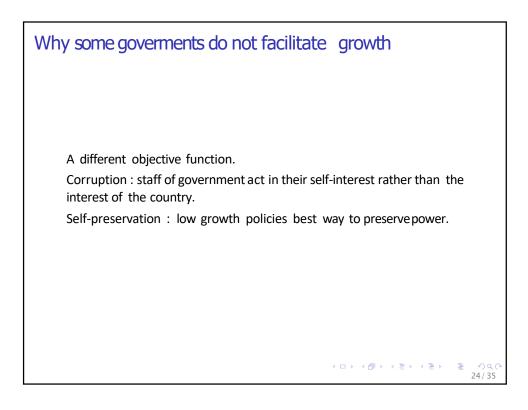


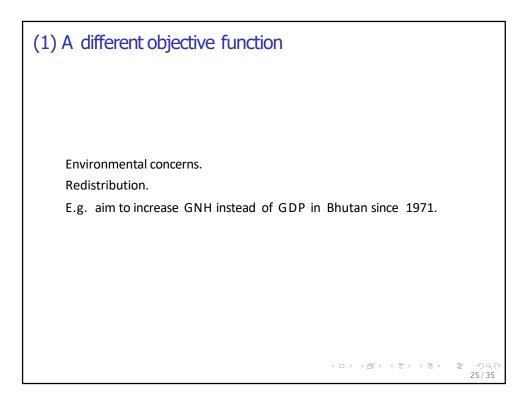


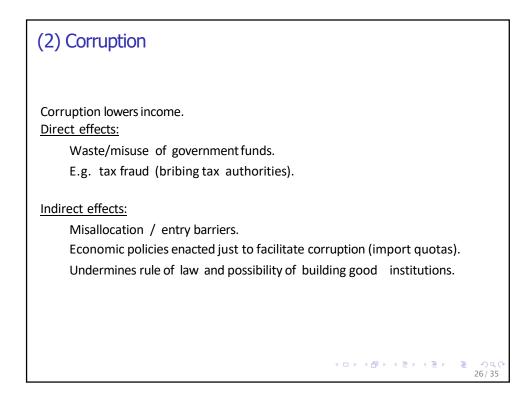
(4) Conflict
Lack of government & conflict dampen growth: Looting. Flight of refugees. Destruction of physical and human capital. Fall in investment, supply of public goods, domestic and international trade.
Example: GDP of Mozambique fell by 1.3% every year during the civil war (1977-1994), then grew by 4.9% annually between 1995-2010.
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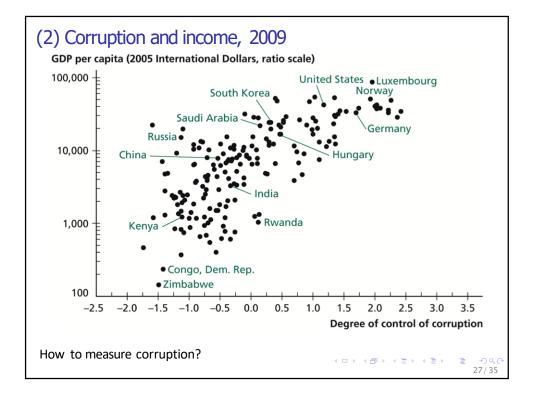


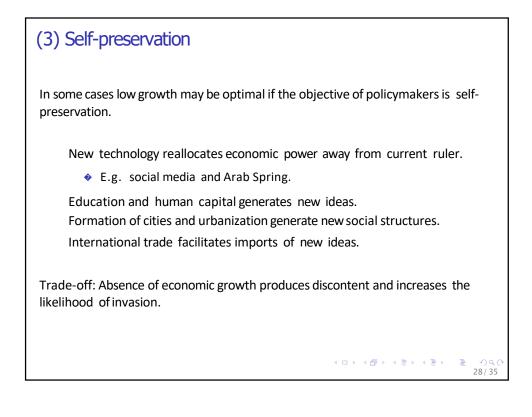


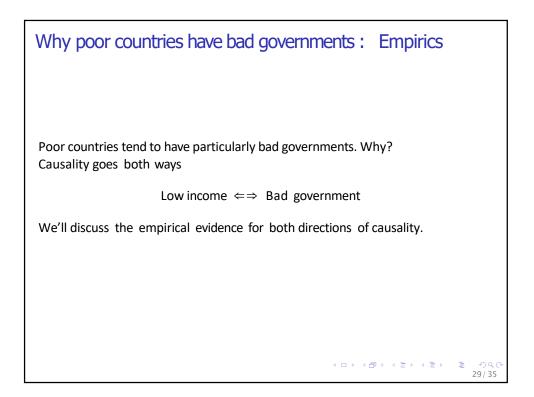












Income to government quality
Higher income can lead to better gov't quality because Public employees receive higher wages —→ less corruption. Less conflict within goverment / between interest groups when
government spending/income is larger. Good government is a luxury good.
Some case studies suggest that income $\uparrow - \rightarrow$ gov't quality \uparrow .
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