### **Economy and institutions**

Luis Francisco Gomez Lopez

2024-01-21

#### **Contents**

- Please Read Me
- Purpose
- Definition of institutions
- Measuring formal institutions
- Regulation of business activity
- Crime
- Acknowledgments
- References

#### Please Read Me

- Check the message Welcome greeting published in the News Bulletin Board.
- Dear student please edit your profile uploading a photo where your face is clearly visible.
- The purpose of the virtual meetings is to answer questions and not to make a summary of the study material.
- This presentation is based on (Cardenas 2020, chap. 4)

### **Purpose**

Analyze the role of institutions in the economy

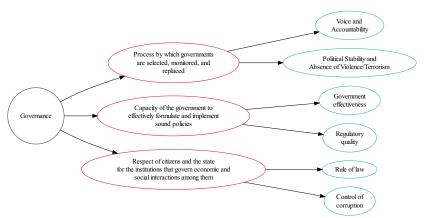
#### **Definition of institutions**

- "Institutions are the rules of the game in a society or, more formally, are the humanly devised constraints that shape human interaction" (Douglass C. North 1990, 3)
- Institutions can be informal or formal (Douglass C. North 1991)
  - Informal: sanctions, taboos, customs, traditions, and codes of conduct
  - Formal: constitutions, laws, property right

#### Governance

- Set of traditions and institutions by which authority in a country is exercised where it includes (Kaufmann, Kraay, and Mastruzzi 2011, 222):
  - The process by which governments are selected, monitored and replaced
  - The capacity of the government to effectively formulate and implement sound policies
  - The respect of citizens and the state for the institutions that govern economic and social interactions among them

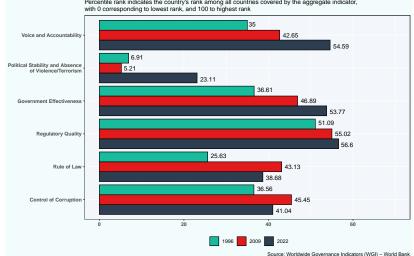
• Governance dimensions (Kaufmann, Kraay, and Mastruzzi 2011, 223)



- Where can I find data?
  - Worldwide Governance Indicators (WGI) WorldBank
    - https://databank.worldbank.org/source/worldwide-governanceindicators
- What is the methodology?
  - https://info.worldbank.org/governance/wgi/ > Documentation

#### Governance dimensions for Colombia

All indicators are expressed as percentile ranks Percentile rank indicates the country's rank among all countries covered by the aggregate indicator,



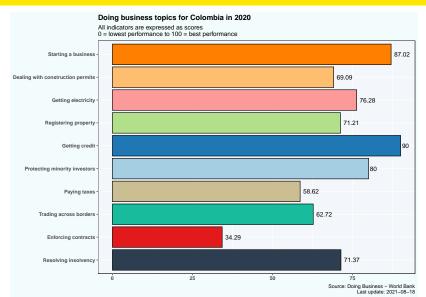
Last update: 2023-12-19

- The report Doing Business analyzes regulation that encourages efficiency and supports freedom to do business (World Bank 2020, p 2)
- Where can I find data?
  - Doing Business World Bank:
    - https://www.doingbusiness.org/ > Explore Data Details > Select and economy: Colombia > Download Profile
    - https://databank.worldbank.org/source/doing-business
- What is the methodology?
  - https://www.doingbusiness.org/ > Methodology
- Warning: Investigation of Data Irregularities in Doing Business 2018 and Doing Business 2020 (Machen et al. 2021)

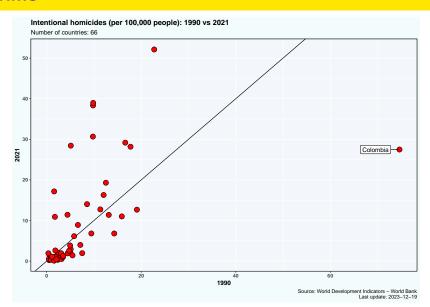
10 / 19

- Opening a business
  - **T** Starting a business
- Getting a location
  - X Dealing with construction permits
  - **F** Getting electricity
  - Registering property
- Accessing finance
  - 🖃 Getting credit
  - Protecting minority investors

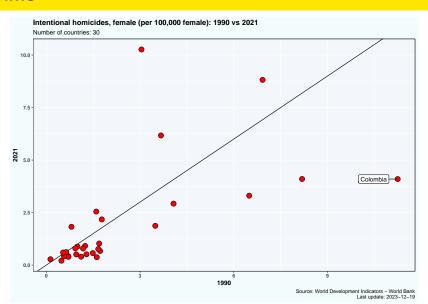
- Dealing withday-to-day operations
  - Baying taxes
  - 🌅 Trading across borders
- Operating in a secure business environment
  - Enforcing contracts
  - Resolving insolvency



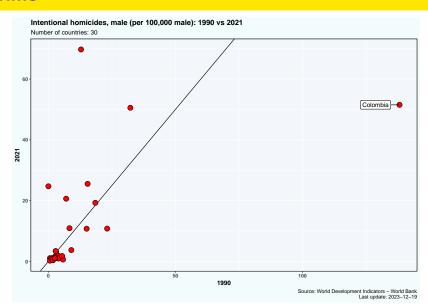
#### **Crime**



#### **Crime**



#### **Crime**



## **Acknowledgments**

- To my family that supports me
- To the taxpayers of Colombia and the UMNG students who pay my salary
- To the Business Science and R4DS Online Learning communities where I learn R
- To the R Core Team, the creators of RStudio IDE, Quarto and the authors and maintainers of the packages DiagrammeR, tidyverse, wbstats, tidyquant, janitor, ggrepel, and tinytex for allowing me to access these tools without paying for a license
- To the Linux kernel community for allowing me the possibility to use some Linux distributions as my main OS without paying for a license

#### References I

- Cardenas, Mauricio, 2020, Introducción a La Economía Colombiana, 4th ed. Alfaomega.
- Kaufmann, Daniel, Aart Kraay, and Massimo Mastruzzi. 2011. "The Worldwide Governance Indicators: Methodology and Analytical Issues." Hague Journal on the Rule of Law 3 (02): 220–46. https://doi.org/10.1017/S1876404511200046.
- Machen, Ronald C, Matthew T Jones, George Varghese, and Emily L Starkber. 2021. "Investigation of Data Irregularities in Doing Business 2018 and Doing Business 2020."
  - https://www.worldbank.org/en/news/statement/2021/09/16/worldbank-group-to-discontinue-doing-business-report.
- North, Douglass C. 1991. "Institutions." Journal of Economic Perspectives 5 (1): 97–112. https://doi.org/10.1257/jep.5.1.97.

**Economy and institutions** 

18 / 19

#### References II

North, Douglass C. 1990. *Institutions, Institutional Change, and Economic Performance*. The Political Economy of Institutions and Decisions. Cambridge; New York: Cambridge University Press.

World Bank. 2020. *Doing Business 2020: Comparing Business Regulation in 190 Economies*. Washington, DC: World Bank. https://doi.org/10.1596/978-1-4648-1440-2.