Country vs. Country

An interactive country comparison tool

Lucca Siaudzionis, October 1st
“In _____ they do X, and they have better Y. Hence, we should also do X here in _____.”
“In Switzerland they legalized guns, and they have low homicide rates.

Hence, we should also legalize guns here in Brazil.”

(I read this in a published book once)
Complete Pictures
Complete Pictures

• Every country is unique
  • And we want to celebrate it

• Every pair of countries has numerous differences and similarities
  • And we want to **visualize** it
Time-varying Information
Constantly changing

- Information seen in time-series:
  - Population
  - Covid-19 cases
  - GDP per capita
  - Immigration rate
  - Gini index (wealth inequality)
  - ...

Time-Invariant Information

Rarely change

- Area, location, and languages spoken
- Yearly weather cycle
- Country’s stance and laws on major topics, such as
  - Firearms
  - Abortion
  - Recreational drugs
  - ...
The Tool
• User input:
  • Two countries

• Output:
  • Comparison amongst fields
  • Time-series should be in the same chart (right image)
  • Time-varying information should be grouped according to their correlation
The Data
• All data is public
• It’s not difficult to find data for each specific field
• We’ll manually add each field at a time for our own specific dataset
Looking for Partners!