



COFFEE

Global Trade

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Dataset Intro

- [Production, supply, and distribution of coffee from United States Department of Agriculture](#)
- [Total population from World Databank](#)
- [GDP from World Databank](#)
- [Annual working hour from OECD](#)



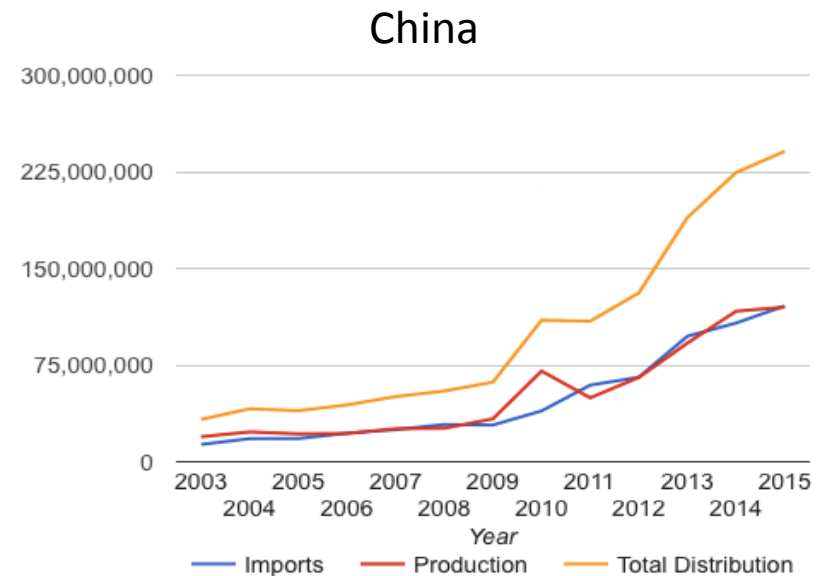
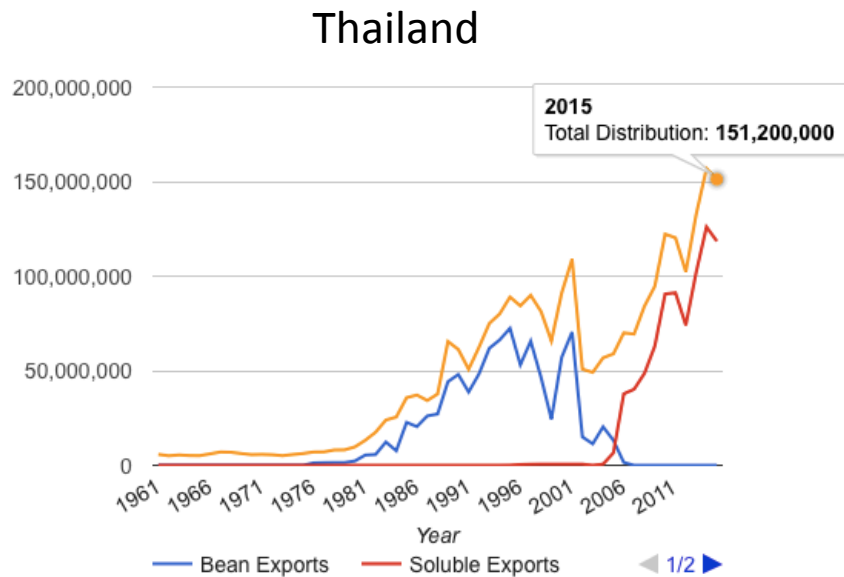
Demo Time!

- Coffee global trade app

https://annecool37.shinyapps.io/coffee_global_trade/

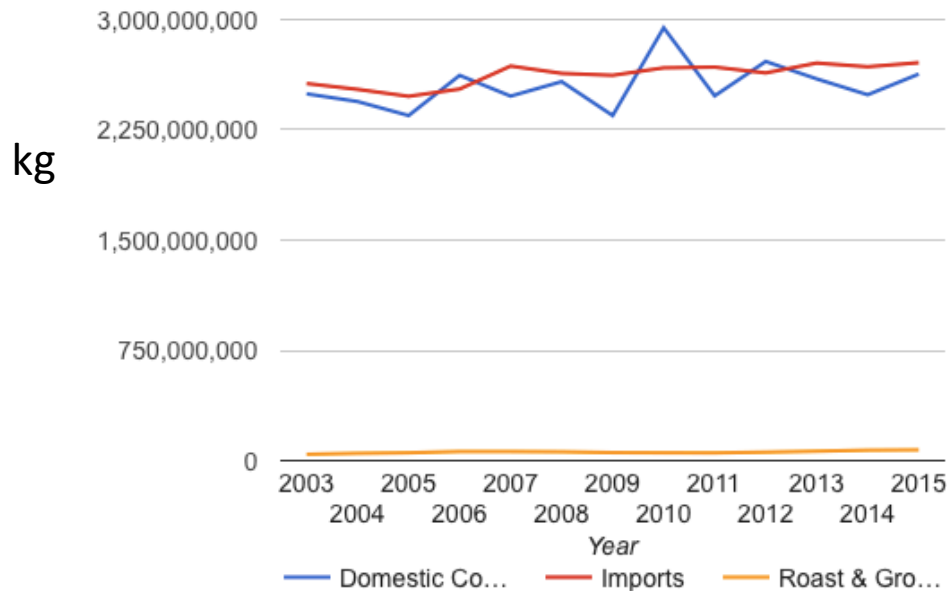


How Bean Exports and Soluble Exports Shape Total Distribution

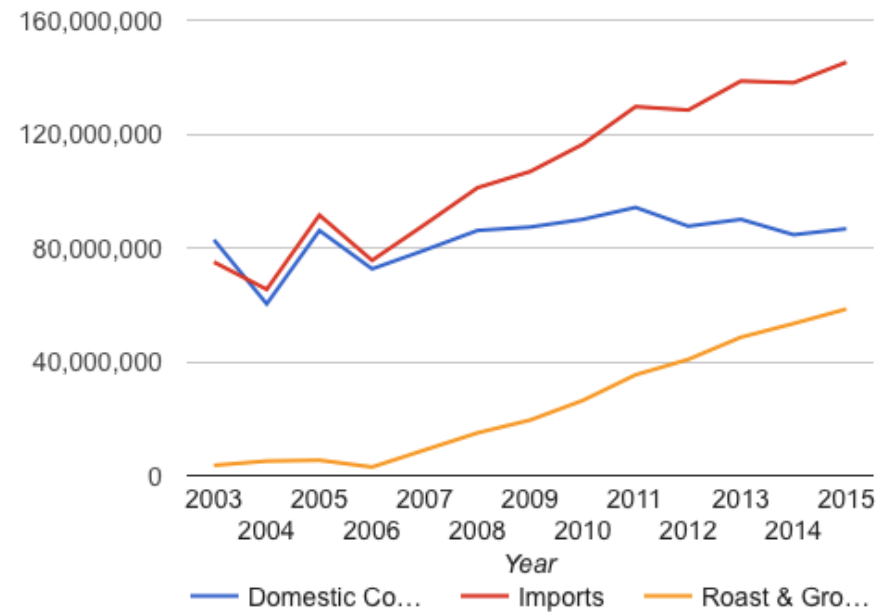


Does Import Always Correlate with Domestic Consumption?

European Union

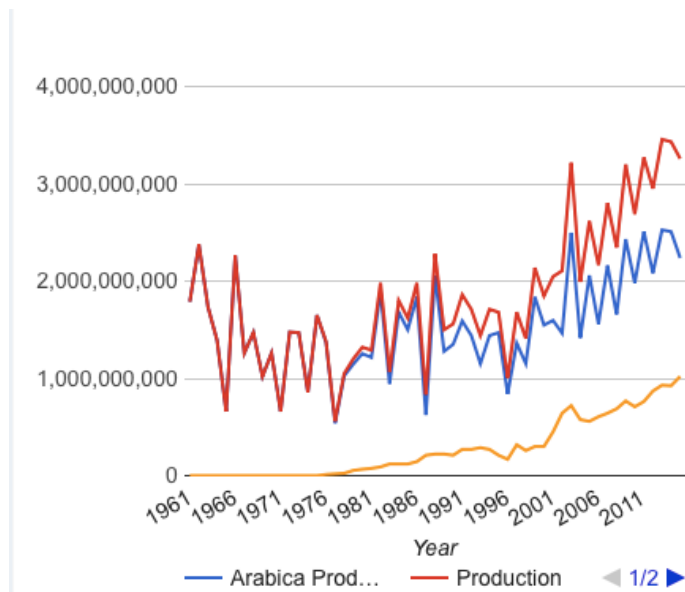


Switzerland

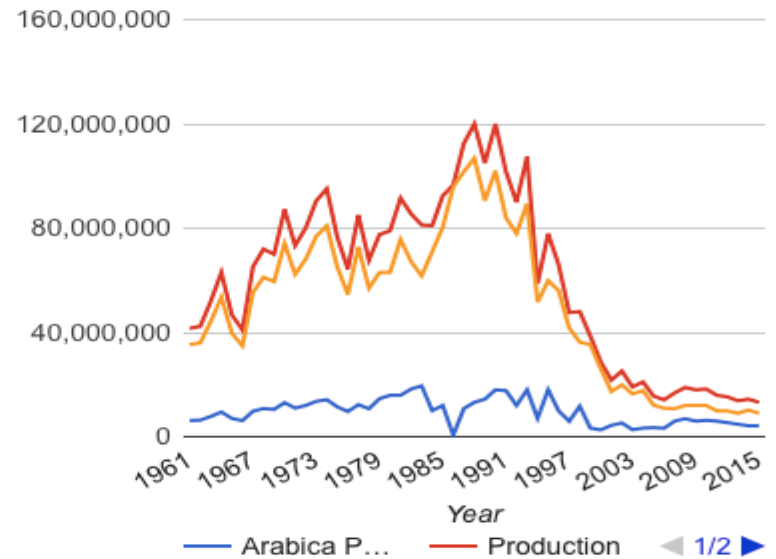


Production Type: Arabica and Robusta

Brazil



Democratic Republic of the Congo



If I got more time...

- Integrate another dataset, price paid to coffee beans' grower, to my app
- Conduct cluster analysis based on the plot shown in correlation tab



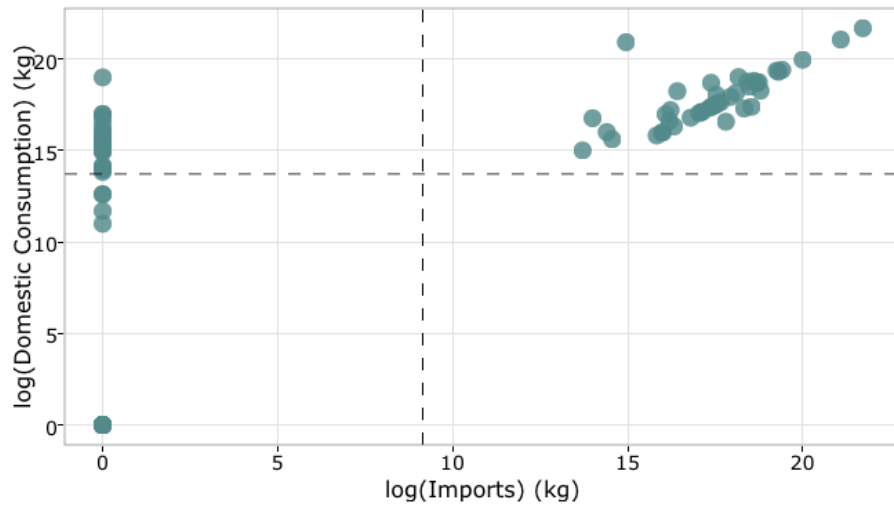
Questions?



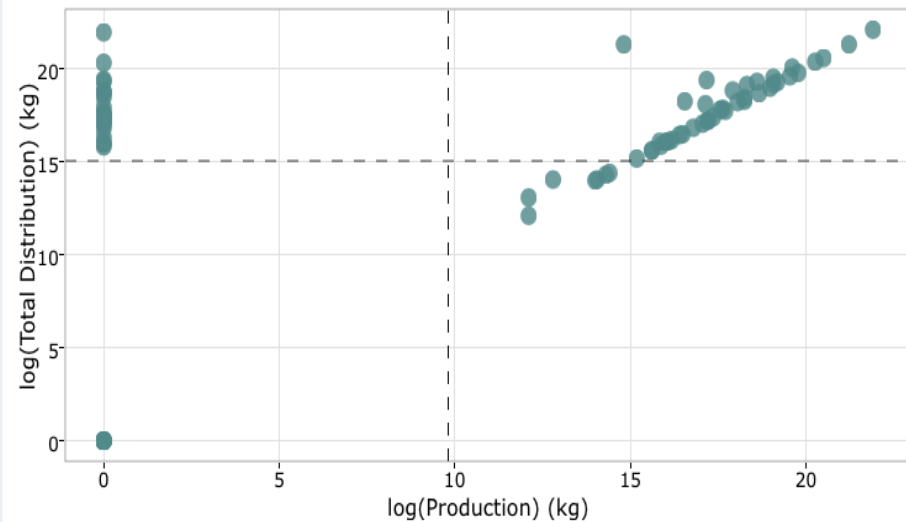
APPENDIX

Correlation Between Two Categories

Domestic Consumption vs. Imports

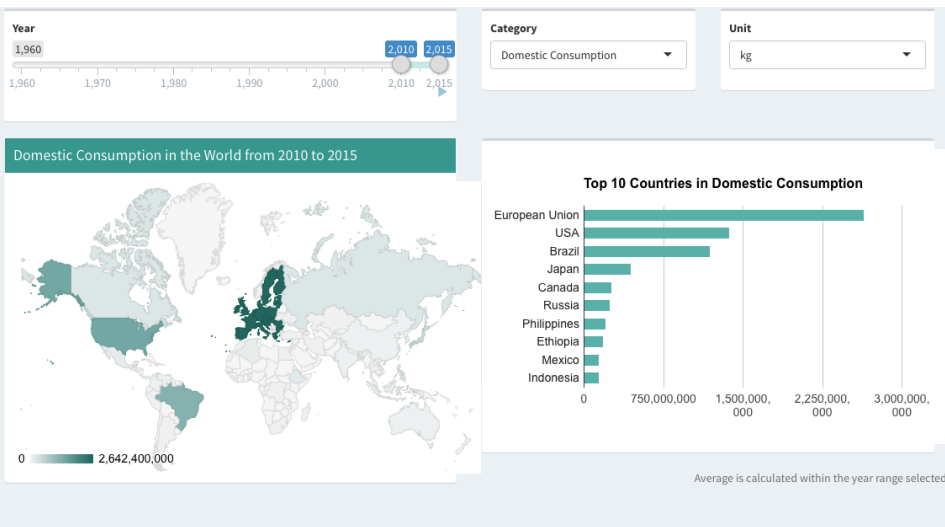


Total Distribution vs. Production

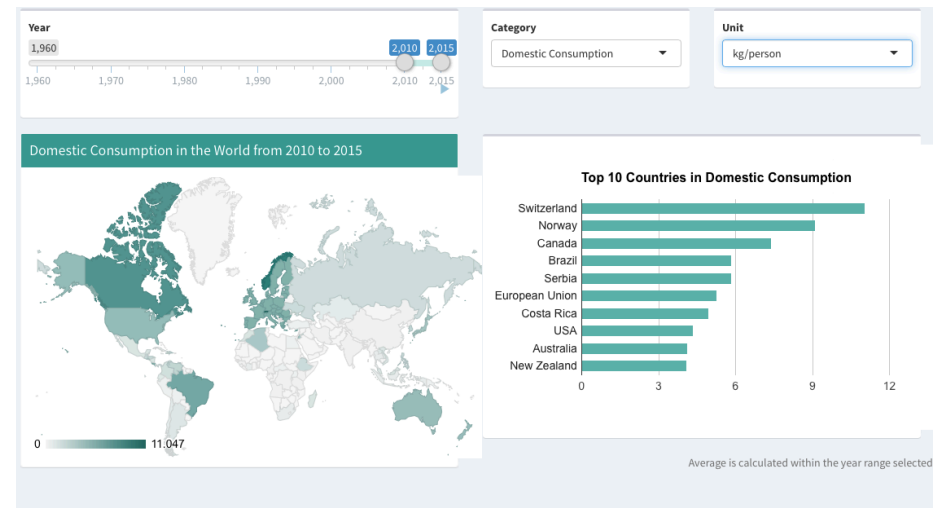


Domestic Consumption

kg



kg/person



Exports

kg

kg/gdp

