

EC 103–002

Long Assignment 2

Prof. Santetti

Fall 2022

INSTRUCTIONS: In this second "long" assignment, you will take your data visualization skills to the next level. You are all given the *same* data set, the [Extended Penn World Tables](#), prepared by Adalmir Marquetti and Duncan Foley, and each of you will generate a **different** set of charts (having at least 2, using the `ggplot2` package) reflecting some variable(s) of interest, for a country—or group of countries—present in this data set.

Make your creativity flow, while being informative! All of your charts will be exhibited to the course community, and we will together vote in the best charts.

The data set (in `.csv` format) and a PDF file with a description of all its variables are available both in the course GitHub repository and on [theSpring](#).

In addition to the graphs, you are asked to write an *introduction* to your figures, consisting of two parts (i.e., paragraphs):

1. **Why** did you choose this specific country (or group of countries), and this specific variable (or group of variables)?
2. **What** are the main *insights* that you get from your graphs? Briefly explain.

I recommend you submitting a single PDF file, with your answers to the questions above on the first page, and your beautiful figures on the second and third (if needed).

Assignment due November 7 (M), before class.

Points Possible: 40

Useful links for inspiration:

- [#TidyTuesday on Twitter](#)
- [Nathan Yau's FlowingData](#)
- ["Visual Vocabulary," from Financial Times](#)

- Time is not an issue to complete this project. In accordance with our [course syllabus](#), no late submissions will be accepted.
- Be honest. Don't cheat.
- As a Skidmore student, always recall your votes of academic integrity, and the **Honor Code** you have abided by:

"I hereby accept membership in the Skidmore College community and, with full realization of the responsibilities inherent in membership, do agree to adhere to honesty and integrity in all relationships, to be considerate of the rights of others, and to abide by the college regulations."

QUICK RUBRIC:

- Your plot(s) has (have) labeled axes and clear title, as well as the data source: 10 points;
- The figure clearly expresses your ideas presented in the introductory paragraphs: 15 points;
- Your introductory paragraphs are clearly written, including a brief motivation and interpretation of the figure(s) you have created: 15 points.