

Plotting Data

Fundamentals of R - Homework

October 2022

- All materials for the exercises below are available in the homework folder.
- Please submit a PDF document generated from your R Markdown file containing your codes and plots.

Income of International Organizations

The ‘io_income_rs.csv’ dataset contains funding data from some international organizations in Geneva.

Tips: Adding titles, legends, and themes helps us help you!

Question 1

Create a bar plot displaying the top 10 overall donors and their total donations to all international organizations. Please color the donors by their type (e.g. public or private).

Question 2

Has the amount the US donated over time to all issue areas increased? Please illustrate this relationship in an appropriate plot and colored by the

Question 3

From 2019 to 2021, which countries donated more health related international organizations? Produce a scatter plot with all donors during the period. Please label the donors (tip: “geom_text(aes(label = donor))”) and shape by their dots according to their type (tip: use “geom_point(aes(shape = donor_type))”).

Question 4

Plot the distribution of all donations in the year 2000 and the year 2020 for public and private donors. Are there outliers for either of these types of donors in 2000? what about in 2020?