

## Homework # 7

### Modelling: Regression Analysis

This assignment covers the contents of the *Modelling I: Bivariate regression* lab (April 6/7, POLI 001/002 respectively). You will use any data of your choice for this assignment. There is a document listing several data sources in the Data Module in Canvas. Also if you would like to continue using the QoG data, remember its codebook can be found online and on Canvas.

Submit an R script with code that produces the tasks requested in this assignment. I will evaluate your submission by running your code. For written/explanatory answers just add comments to your code in the corresponding section. Please be as concise as possible in your written answers, if any. As long as you answer what you are supposed to, I will not grade based on the length of your explanation.

You can work in groups, and consult class materials and code found online; but please write your own code and submit one assignment per student.

**Due:** End of day on Monday, April 10, 2023

**How:** Canvas assignment submission link

**Files:** hw05-Lastname.R

**Max grade:** 10 points

In class, we run different linear and logistic regressions, evaluated the results, and produced visualizations to describe them. Define an association you are interested in exploring, do it using linear or logistic regression (whichever is appropriate), and produce a visual description of the results.

If possible, start (or continue) thinking about the idea/research question you want to explore in the final project and try to test something related to it, you may even be making progress on that assignment by doing so! Accumulation tends to be better than working double :)