SRQM: Teaching material

This document lists the material required to follow the [Statistical Reasoning and Quantitative Methods](#) (SRQM) course run at Sciences Po by François Briatte and Ivaylo Petev.

Course requirements appear in the [course syllabus](#). Basically, every student is expected to do some reading and replication every week, in order to train for writing a research project with a partner.

Readings

The weekly course readings are taken from the "[Stata Guide](#)", which was written specifically for this course, and from *Making History Count*, an introduction to quantitative methods for historians.

The list of readings appears in the [course syllabus](#), in the [course agenda](#) and on the [course webpage](#), along with the weekly slides. It also lists additional resources to learn Stata.

The course slides and syllabus are stored in the `Course` folder. Course readings are stored in the `Handbooks` folder, which contains only the Stata Guide in the [repository version](#) of the course.

Replication

Students are instructed to replicate the weekly do-files in order to learn how to explore the course datasets and write their own analysis as a do-file for their research project.

- The do-files from the `Replication` folder are used during class. Stata needs to be set up for the course prior to running them, as instructed in a separate [README](#) file.

- The datasets from the `Datasets` folder are used in class and for student research projects. Links to the dataset documentation appear in a separate [README](#) file.

Projects

For this course, students have to form pairs in their class and [register a research project](#). To quickly get started on the research project:

1. Replicate the do-files for the first course sessions. Read the first sections of the Stata Guide and additional Stata tutorials if needed.
2. Create a `Project` folder in the main `SRQM` folder. Start exploring the course datasets and save a first draft do-file to the `Project` folder.

The [paper template](#) shows the kind of research paper expected along the Stata code saved as a do-file. Additional instructions are provided in the last sections of the Stata Guide and in class.

Trivia

The [SRQM blog](#) aggregates mindless trivia, tons of graphs from everywhere and a few quotes from stats blogs and other places.