

Notes for Project

2023/2024

October 30, 2023

The final project should be a scientific poster. The poster could be theoretical **OR** empirical (only choose one):

1. For **theoretical project**, the less common option, the students can develop a simulation study to evaluate the properties of the OLS estimator or the properties of a statistical test.
2. For the **empirical project**, the goal is to answer a specific research question related to a topic of interest. You have three options (only choose one):
 - Cross-sectional data, where you will select relevant variables to answer your research question, specify a model, interpret critically the results and check the model diagnostics;
 - Panel data, where you will select relevant variables to answer your research question, specify a model (FE or RE), interpret critically the results and check the model diagnostics.
 - Causal Inference, where you will select relevant variables to answer your research question, specify a model (DiD), interpret critically the results and check the model diagnostics.

random effects, fixed effects

The evaluation criteria for the empirical project are:

1. (10%) Originality (datasets from class examples are not as valuable)
2. (10%) Presentation (aesthetic quality of the poster)
3. (15%) Organization and structure
4. (15%) Content (evidence of reflection and analysis of the main literature of the area will be valued)
5. (20%) Econometric component
6. (15%) R component (Efficiency of the code, use of R Markdown to develop the poster is highly valuable)

7. (15%) Conclusion and reflection (What are the implications of your work? Which recommendations/contributions do you find? What further research should be done?)

The poster should be clearly identified with the students' names and numbers.

The poster should be submitted through turnitin in a zip file containing:

- The poster (in pdf format);
- The R Markdown file (if it applies);
- The R Script;
- The dataset (if it applies).

The name of the submitted zip file should be the number of the group enrolled in the project enrollment activity in moodle, i.e., group1.zip