

## ECN 215 – Econometrics Project, Fall 2022

From midterm on you will be working on an econometric project—where you choose your own topic, gather your data, and carry out an analysis. The project is due on *Monday, November 28*. Here is a checklist for your preparations.

- Select a topic. I will give various suggestions on this point. I do not insist on a lengthy review of the literature on the topic/issue you choose, but you should read some existing studies to get an idea of what have been considered sensible models.
- Search (the internet and/or traditional printed sources and/or the databases available via gretl) for relevant data.
- Write up a short proposal (one decent-sized paragraph would do) outlining the question you plan to address, citing a few relevant sources, and giving an indication of where you will get your data. This proposal should be handed to me by *Wenesday, October 26*.

I will check your proposals for suitability and consult with you individually on possible (additional) readings and data sources.

Your written report on your project should be structured as follows (with some room for variation):

1. *Introduction*: An explanation of what you're investigating and why.
2. *Literature review*: This can be brief, but see above.
3. *The data*: A thorough, detailed account of your data source(s) and the precise meaning of the various variables, their units of measurement and so on. (As you go along, be sure to keep a detailed record; this is very difficult to reconstruct afterwards.) Basic descriptive statistics would be good here, and probably some graphs too.
4. *Your modeling*: I don't need a complete blow-by-blow history of every model you estimate, but I do want an account of where you started and, at least in general terms, how you arrived at your preferred model(s).
5. *Testing*: A careful account of relevant hypothesis tests and their meaning.
6. *Conclusions*: At the end of the day, what can you say about the topic you chose, based on the results of your econometric modeling and testing?
7. *Suggestions for further work*: It may be that having come to the end of this project you see ways in which it could be developed further, additional sorts of data that would be useful, and so on. If so, please report this.

Besides the report, you should submit in digital form both your dataset and a gretl script that generates your results.