

Empirical Project in Introductory Econometrics Course

The aim of the project is to study the differences in monthly earnings including bonuses between male and female wage and salary earners, and to draw some conclusions as to what explains these differences.

For this project you will use the Norwegian PIAAC data which is provided as a comma-separated plain text file (prgnorp1.csv). The file has a 1st header row with variable names and can be imported in R using the `read.csv()` function.

The word document "codebook_prgnorp1.docx" provides the data documentation.

The dataset contains many demographic and employment related variables that may explain earnings. You should carefully read the document to see what information is available and how it is coded.

You will decide the details and implementation of your data and analysis, but you should organize your completed assignment into the following different parts:

1. A brief "Introduction" section that outlines the question and the issues.
2. A "Data" section that gives an overview of the analysis dataset you constructed, and the differences between men and women.
3. An "Empirical approach" section that briefly outlines the analyses you will be doing.
4. A "Results" section that looks at different regression models which
 - (a) explore the gender earnings gap; and
 - (b) investigate whether and how the gender gap varies by age.
5. A brief "Summary and conclusion" section that describes your main findings.
6. References to relevant literature that you may have cited.

Format your tables and graphs and make sure that they have titles and notes so that it is possible to understand them without referring to the text. Be clear, brief and to the point. Your document (excl. code appendix) cannot exceed 10 pages. Attach the analysis code and a log-file (the R output) as an appendix to your document using a fixed-width font such as Courier.