

SOC 910: Assignment 1

Using `CPS2020.dta`, estimate a series of OLS regression models and interpret the results. You can download the data set from our course website.

Note that the data set is a 10% sample of the 2020 Current Population Survey - Monthly Outgoing Rotation Group, January to August.

Your analyses should be done as follows:

- Your dependent variables should be a log transformed income, which means you should limit your sample to the working-age population who are not institutionalized (e.g., 18-65).
- Test at least two 2-way interaction effects (e.g., gender and education).
- Test at least one 3-way interaction effect (e.g., gender, education, and marital status).
- There should be other control variables (e.g., age and races).

Your written assignment should have the following contents:

1. A brief description of your data.
2. A brief discussion of your models and hypotheses. I strongly recommend you to write equations.
3. A brief description on how you operationalize your variables.
4. A table of descriptive statistics and its brief discussion.
5. One or two main regression tables and the discussion of the results.

Due date: February 19th (Friday). Email me your document.