

### Assignment 3

For this assignment, you will be using the 2014-2015 wave of the Tanzania National Panel Survey (NPS). There are four separate files in the folder:

- hh\_sec\_a: section a of the household module (household level)
- hh\_sec\_b: section b (demographics) of the household module (individual level)
- hh\_sec\_e: section e (labor) of the household module (individual level)
- TZNPS 2014-2015 BID - 06-27-2017: Basic information document (you can find information about how to svyset the data here)

You are welcome to work together on this assignment, but you must turn in your own work. You are also able to bring questions to me during office hours. This assignment is due at the end of the day on Monday, May 18<sup>th</sup>. I would like to see a few outputs. How you get there is entirely up to you. Please output the following and **discuss each output in a separate Word document. In your discussion, please pay special attention to things we have discussed in class, such as dealing with missing values, winsorizing/trimming, etc. In addition, please discuss any differences you see based on weighting or not weighting. How do conclusions change – if at all – after weighting? Please interpret coefficients in regressions.**

1. Unweighted averages for age, male (percent male), average hours worked per week during the last 12 months, and household size (you will have to look up some commands to get this one)
2. Weighted averages for age, male (percent male), average hours worked per week during the last 12 months, and household size
3. Unweighted regression of average hours worked per week on age, age squared, male, and household size.
4. Weighted regression of average hours worked per week on age, age squared, male, and household size.