

## **Vanderbilt University**

### **Leadership, Policy and Organizations**

#### **Class Number 9952**

#### **Spring 2017**

##### **Assignment 2**

Please complete the following steps, using the mroz dataset available on our website. The Moz datasets comes from the Panel Study of Income Dynamics, and was used as part of a famous study on women's labor force participation. For this assignment, you will model the correlates of women's labor force outcomes.

1. Create a macro called y, and assign its value to the variable hours
2. Create three other macros, named family, husband, and qualifications. Place in each macro a set of variables related to family characteristics, husband's labor force characteristics, and the woman's labor force qualifications.
3. Create a summary table of all of the variables from above, including both means and standard deviations.
4. Run a total of four regressions. The first three should have y as the dependent variable and each "cluster" of variables represented by a macro as the sole set of independent variables. The last should have all of the independent variables on the right hand side.
5. Repeat the above step, but reassign the macro y to an alternative labor force outcome for the woman (your choice).
6. In a single paragraph (no more than 150 words), comment on the results of your estimation. This should be a comment in the do file.

Submit to me a do file that accomplishes all of the above steps. I should not have to change any aspect of the do file.