

Data & Model Visualization Workshop

i.e. How to Make Pretty Graphs in Stata or R

March 30, 2018
2:00 - 5:00pm
WALC B093

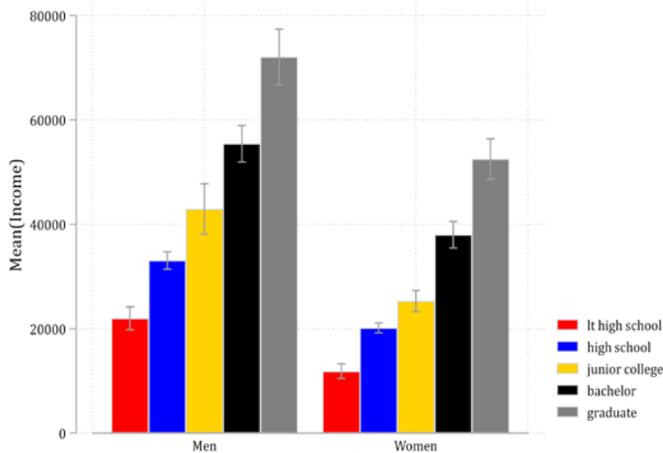
Trenton Mize

Department of Sociology & Advanced Methods at Purdue

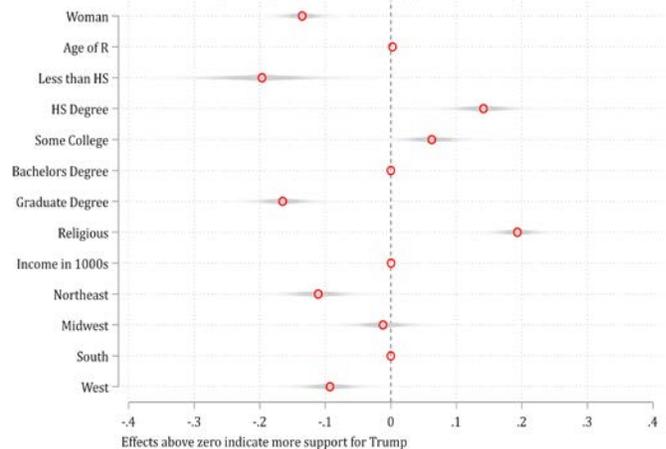
RSVP: goo.gl/8tZGJu

Understanding data and effectively presenting results are challenges that applied researchers face most every day. There is seldom a more effective solution than a well thought out visualization. Problems in the data are easily identified; complex effects are quickly summarized; effect sizes and variability are immediately clear. In this workshop, we will cover best practices for accurately representing data as well as many specific approaches to data exploration, model diagnostics, and model presentation. The focus is on the applied analyst's "bread and butter" types of visualizations: those I suspect will be useful in most every quantitative research project. Template Stata and R code will be provided to workshop participants to reproduce all workshop examples.

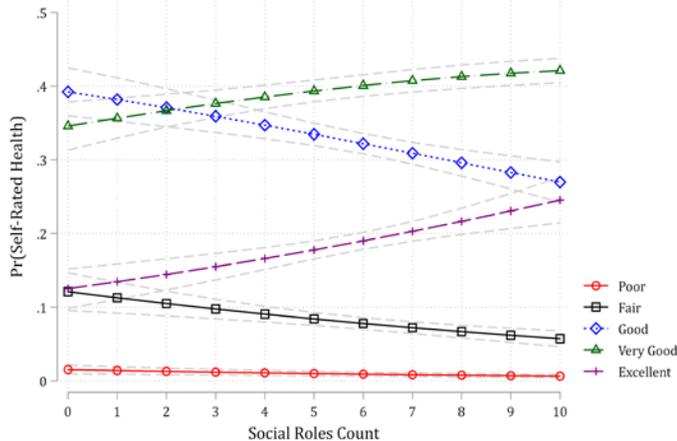
Average Income Based on Gender and Educational Attainment



Average Marginal Effects of Support for Trump vs Clinton



Predicted Health Status Based on Number of Social Roles Held



Residuals Sized by Influence of Observation

