Regression Refresher
2016 Fall Workshop

Dates: November 10 and November 11, 2016
Time: 9:30am to 3:30pm
Instructor: Melissa Van Wert

Introduction

This workshop is designed for social work students who do not specialize in statistics but who need signi cant familiarity with the most commonly applied statistical techniques. The workshop will provide students with an introduction to several key multivariate statistical techniques. Conceptual material will be presented along with opportunities for practical hands-on analysis.

The goals of this workshop include:

1. to provide students with greater foundational knowledge of regression analysis and other statistical techniques,

2. to prepare students to correctly identify and apply a suitable technique for their own research,

3. to prepare students to succeed in the mediation/moderation workshop o ered by Biru Zhou.

Organization of Workshop

This two-day workshop will introduce simple linear regression, multiple linear regression, chi-square analysis, and logistic regression. The sessions will utilize a lecture format along with group exercises and independent lab time.

Resources

Students do not need to purchase these books for the purpose of this workshop, however, these books may be useful resources for conducting analyses independently.

Field, A. (2013). Discovering statistics using IBM SPSS Statistics, 4th edition. London: Sage Publications.

Grimm, L., & Yarnold, P.R. (1995). Reading and understanding multivariate statistics. Washington: American Psychological Association.

Grimm, L., & Yarnold, P.R. (2000). Reading and understanding more multivariate statistics. Washington: American Psychological Association.

Green, S., & Salkind, N. (2013). Using SPSS for Windows and Macintosh: Analyzing and understanding data. Upper Saddle River: Prentice Hall.

Meyers, L.S., Gamst, G.C., & Guarino, A.J. (2013). Applied multivariate research: