Midterm 2 Study Guide

Introduction to Research Design

Instructions: The midterm will consist of 20 multiple choice and 2 short answer essay questions which will cover both lecture and book material. Please review both sources as you study the following concepts. You will require a scantron to take the exam and a blue book or lined sheets of paper.

Population

Sample; purpose; removing bias

Sample size - importance

Generalizability; external validity

Construct Validity

Probability Sample

Types of sampling techniques

Statistical Validity, Sample size, Effect Size

Correlational Design

Predictor and Criterion

Bivariate Correlational Design

 Interpreting findings

Longitudinal Design

 Interpreting findings

Multiple Correlational Design (multiple regression)

 Interpreting finding

 Moderating and Mediating Variables

Outliers

Curvilinearity

Third Variable Concerns

Criterial for Causality

Power of Causality with Correlational Designs (all)