SW 830: Applied Social Work Research: Experimental and Quasi-Experimental Designs
Study Questions – 2
DUE: 09/09/08

§ Your name and the course number must appear on each page.
§ All pages must be stapled together.
§ Do not use the question sheet for your answers.
§ Your answers must be typed and single-spaced on an answer sheet.
§ You must separate answers for each question with a double space.
§ Your answers must be brief and responsive to the question.
§ Answers should be in your own words (accurate paraphrases).
§ Where the question calls for a list, each item on the list must be on its own line.
§ You must type tables on your answer sheet.
§ You must hand draw charts on an 8.5 x 11 inch sheet of graph paper.
§ Neatly display calculations on an 8.5 x 11 inch sheet of ruled paper.
§ Use the arithmetic conventions outlined in
§ Format text and tables according to the guidelines in

Text: Stocks

1. Logical operators refer to words used to modify the meaning of statements, often by connecting statements in specific relationships with each other.
Write an original statement for each of the following logical operators and explain how the logical operator has affected the meaning of the original statement or statements (i.e., explain what your statement means). In your explanation, identify the word or words acting as a logical operator in your statement.

1.01. conditional –
   Statement:
   Explanation:

1.02. biconditional –
   Statement:
   Explanation:

2. Which of these statements is the weakest statement? Give the reason for your decision.
   • “Most of our clients are adults.”
   • “Some of our clients have children.”
   • “Very few of our clients have chronic disabilities.”
   • “None of our clients are involuntary referrals.”
   • There is no way to compare the strength of these statements.

3. Define each of the terms in the following list.
   3.01. independent variable:
   3.02. levels of the independent variable:
   3.03. dependent variable:
   3.04. dependent measure:
   3.05. research hypothesis:
   3.06. extraneous variable:
4. We randomly selected 54 clients referred for problems with depression. Client gender frequencies were 26 males and 28 females. All clients received cognitive-behavioral therapy.

We had each client fill out the Generalized Contentment Scale (GCS) before participating in treatment (pre-test). The GCS is a 25-item questionnaire. Testees fill out the questionnaire by giving each item a numerical rating from 1 = none of the time to 7 = all of the time. We calculate total scores by adding up transformed item scores. Total scores have a possible range from 0 to 100. Higher GCS scores represent more intense depression.

After completing treatment, each client filled out the GCS again (post-test).

We compared pre-test GCS scores with post-test GCS scores to evaluate the effectiveness of cognitive-behavioral therapy.

4.01. The independent variable in this study refers to which of the following.
- (1) before treatment, (2) after treatment
- client gender
- depression
- (1) female, (2) male
- Generalized Contentment Scale score
- (1) problem with depression, (2) other problem
- referral status
- treatment status

4.02. Levels of the independent variable in this study refer to which of the following.
- (1) before treatment, (2) after treatment
- client gender
- depression
- (1) female, (2) male
- Generalized Contentment Scale score
- (1) problem with depression, (2) other problem
- referral status
- treatment status

4.03. The dependent variable in this study refers to which of the following.
- (1) before treatment, (2) after treatment
- client gender
- depression
- (1) female, (2) male
- Generalized Contentment Scale score
- (1) problem with depression, (2) other problem
- referral status
- treatment status

4.04. The dependent measure in this study refers to which of the following.
- (1) before treatment, (2) after treatment
- client gender
- depression
- (1) female, (2) male
- Generalized Contentment Scale score
- (1) problem with depression, (2) other problem
- referral status
- treatment status

Text: *Rubin & Babbie*

1. Define the following list of terms.

5.01. *anonymity:*

5.02. *confidentiality:*