DPLS 776 Computer Analysis of Qualitative Data

Summer 2012 1 Credit
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Class Logistics: Friday, June 8, 6-10 p.m. & Saturday, June 9, 8 a.m.-12-Noon.
Room: 405 Tilford Building

Text

There will be handouts in class and from the GU website.

Course Overview
This course provides structured opportunities using SPSS (Statistical Packages for the Social Sciences) to analyze, interpret, and report quantitative data; data will be taken from the text, from the worldwide web, and other sources. You will have an opportunity to gain working knowledge of SPSS through hands-on.

Though there are supposed to be computers in the classroom; however, please bring your own laptop just in case.

Class Sessions
Friday’s Session: June 8th from 6 p.m. to 10 p.m.
Overview of the course will be covered to include class requirements, deliverables, and an introduction to SPSS, applying it to basic statistical procedures.

Saturday’s Session: June 9th from 8 a.m. to 12-noon
We will continue applying SPSS to the following statistical topics:

Descriptive Statistics, such as: mean, median, mode, standard deviation, and other descriptive statistics.

Inferential Statistics, such as: t-tests, F-test, Chi Square, correlation coefficients, and others as time permits.

Deliverables
1. Apply SPSS to descriptive statistics by using a sample size of at least 30 values. Perform the necessary operations via SPSS, document the project by using tables, charts, graphs, and interpret what you see, or what the data tell you. This will be very brief written report between 8 and 10 double-spaced pages.
2. Apply SPSS to inferential statistics by using data from the worldwide web, the text, or some other sources (we will decide in class). Set (state), test, and describe at least two hypotheses. Use at least two of the following statistical procedures: F-test (ANOVA), one of the tests, Chi Square, correlation coefficient, plus as time allows. Your report should be between 10 and 12 double-spaced pages.

**NOTE:** This syllabus is very brief; an addendum will be added before class starts. And the deliverables will not be increased. Addendum will include more specific information. I hope to see you in class.

**N. B.** If you receive a Ph.D. without the information that will covered in this class, you will not be as prepared as you should be or as prepared as you think you are.