



COURSE NAME: NON-PARAMETRIC METHODS LAB

COURSE NUMBER: STAT 453

Instructor Information

NAME: Mona Al-Zanbagi

Office: 70-C

Office Hours: Sat. 9-10, 11-12, 1-2
Mon. 8-9, 11-12, 1-2
Wed. 8-9, 11-2

Lab Information

Lab Name and Number: Non-Parametric Methods Lab (Stat 453)

Lab Time: Monday from 12-1

Lab Objectives

Enable the student to analyze data using the different and appropriate Non-Parametric methods by SPSS program.

Learning Resources

Textbook: Using SPSS for Windows and Macintosh Analyzing and Understanding Data, Samuel B. Green and Neil J. Salkind, Fifth Edition.

Lab Grading

Allocated to the lab 20 degrees are distributed as follows:

- 5% for Homework
- 15% for Final Lab Exam

Topics of Discussion

Lab 1	The Binomial Test
Lab 2	The Quantile Test
Lab 3	Two-Way Contingency Table Analysis Using Crosstabs (2X2) and (rXc)
Lab4	The Mann-Whitney <i>U</i> Test The Kruskal-Wallis and The Median Tests
Lab 6	The Sign and The Wilcoxon Tests The Friedman Test
Lab 7	The Kolmogrov-Smirnov and Chi-Square Goodness of Fit Tests
Lab 8	Review