COM 531, Multivariate Statistical Methods  
Neuendorf, Spring 2009

Five Techniques:  Multivariate Analysis Assignment (Data Handling #3)  
Worth: 30 pts. (15% of your course grade total; 3% for each stat)  
Due: 6 pm, Thursday, May 7 (last week of classes)

Select five of the following six multivariate procedures: Factor analysis, multiple regression, discriminant analysis, logistic regression, MANOVA, canonical correlation, and cluster analysis.

For each procedure, you must use one of the class data sets to execute SPSS analyses.  As always, include syntax.  You must use a different model (i.e., different variables) than those used in the class presentations.  Also, you must use a different model than those you are using in your Final Data Analysis Project & Report.  At all times, your chosen variables must be appropriate to the task and the statistical procedure used (in terms of number of variables, levels of measurement, etc.), and all recodes and computes must be shown.

Follow the examples shown in the class presentations to table up your results and give a brief written summary of your findings, in terms of the substance of the variables under examination (approximately one page).  That is, “what did you find?”  Be specific.

For each procedure, you will receive a maximum of 6 pts. (3 pts. for the SPSS analysis, and 3 pts. for the tabling and written summary of substantive findings).

Do not include a literature review, theory, methods, or discussion.  Save those for the Final Data Analysis Project and Report. Hand in a series of five tables-and-writeups with SPSS output attached.