Name: \_\_\_\_\_\_\_\_\_\_\_\_

**Multivariate Analysis: Crosstabs** Open file: **gss2008.sav**

1. Hypothesize the relationship between **FEAR** (Afraid to walk at night in neighborhood) and **SEX**. Include null and alternative hypotheses and relevant crosstab tables. Is the relationship significant? Include test and table(s).

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* 1. After you have looked at the output, control for **CLASS**. How would you discuss what you found? Remember: It’s always useful to examine the bivariate relationships first (as done above), and then move on to multivariate analyses. Don’t forget to test the significance of the relationship.

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* 1. Now run **FEAR** and **SEX**, but control for **TRUSTR**. How would you characterize the relationships among these variables? Don’t forget to test the significance of the relationship.

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Multivariate Analysis: Regression** Open file: **gss2008.sav**

1. Trying to predict respondents’ income (**RINCOM06**), conduct a multiple regression analysis with several independent variables that you think affect income. Remember that the first assumption of a regression analysis is that variables involved should be interval/ratio.

Make sure you state your set of hypotheses first. Also, include all relevant tables and *meaningful* explanations.

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