

**PSC 200**  
**Data Analysis Exercise #3**

**Due: Dec 2, 2003**

Data from the 2000 National Election Study (NES) is provided on a CD that came with the Pollock book *An SPSS Companion to Political Analysis*. The dataset, NES2000.sav, contains the responses of 1807 people surveyed on a number of demographic and political opinion questions. For this exercise, please use the following variables:

age	respondent's age
gender	respondent's gender
marital	respondent's marital status
hincome	respondent's household income
educ3	respondent's education
race	respondent's self-identified race
polint	extent to which respondent follows political affairs
gorepre	pre-election thermometer for Al Gore
gbushpre	pre-election thermometer for George Bush
supcourt	post-election thermometer for supreme court
who00	candidate for whom respondent voted

Suppose you want to analyze the factors that affect political opinion and behavior. For four (4) different relationships (where the dependent variable is a political opinion or behavior variable), do the following:

1. Formulate an hypothesis.
2. Provide a crosstab to examine your hypothesis.
3. Use the chi-square test and tau-b and PRE statistics (where appropriate) to test your hypotheses. You may use SPSS to do this.
4. For two of the crosstabs, calculate the chi-square test and PRE statistic by hand.
5. Discuss the results.