**SPLH 861 HW9: Models on Your Own Binomial or Categorical Data (7 points total)
Due Friday 12/5/2014 by 11:59 PM via Blackboard
Revision Due by Friday 12/19/2014 by 11:59 PM via Blackboard

Please submit all requested files (word document, syntax, and output)
using this naming convention: 861\_Firstname\_Lastname\_HW9**

 **General Instructions:** The goal of this assignment is for you to try one of three models on your own data: **binomial** (using a logit link and a binomial distribution for # of events or converted proportions), **ordinal** (using a cumulative logit link and a multinomial response distribution), or **nominal** (using a generalized logit link and a multinomial response distribution). Formulate and answer research questions of interest to you using one of these three types of models.

Submit your syntax and output along with a written document that includes the following items. However, I do not want a numbered list—your document should be written in whatever style is typically used in your discipline (e.g., APA style).

1. Write a “purpose of the present study” section (1–2 paragraphs at most) that briefly introduces your topic area and presents your research questions. **(1 point)**
2. Include a table of descriptive statistics for all variables used in your analyses (e.g., Mean, SD, Minimum, and Maximum for continuous variables; frequencies for categorical variables).
**(1 point)**
3. Write a results section that summarizes your analyses, which should include an empty model (i.e., to capture the mean or response frequency distribution) as well as a conditional model (i.e., including predictors). The text should be phrased as explicit answers to your research questions to the extent possible. Include at least a table of conditional model parameter estimates and one figure that illustrates your findings. Although you may trim nonsignificant effects prior to interpreting your final model, if none/few effects are significant, then keep some of them anyway so that you can get practice describing them. **(4 points)**
4. Write the beginning of a discussion section that summarizes the results as explicit answers to the questions you started with (1–2 paragraphs at most). **(1 point)**