

## **Paper Draft & Paper Final (Class Project, \_\_\_\_ pts)**

### **A project that meets expectations (3) will have the following characteristics:**

- writing may contain some minor flaws
- mostly accurate and clear use of statistical terms
- clearly introduces the problems/questions of interest
- selects a method that is generally matched to the question of interest
- applies some additional relevant analysis (such as power analysis)
- avoids contradictory statements, or redundant analyses
- provides basic interpretation of parameters, should be accurate
- includes clear statistical evidence for statements in results & discussion
- addresses suggestions from reviews
- demonstrates the ability to apply lab lessons to a novel data analysis
- no major problems apparent in application of categorical methods

### **Projects much above expectations (1) will have the following characteristics:**

- writing of paper is clear and professional (independent of content, seems well on its way to being published/presented)
- no misuse or ambiguity regarding statistical terms
- clearly introduces several hypotheses
- selects methods that are very well matched to the questions of interest
- applies additional relevant analyses that require drawing on multiple lessons from semester (e.g. inter-rater reliability analysis before cumulative logit model)
- interpretation of parameter estimates made very accessible to reader (e.g., finding appropriate ways to go beyond  $\exp(\beta)$ )
- for critical decisions made in the analysis (e.g. cumulative versus adjacent-category logits), there are reasoned explanations for the decisions
- includes a particularly well thought out discussion of statistical results
- includes improvements to paper beyond suggestions in reviews
- incorporates skills and statistical principles from other classes, or otherwise goes beyond the material presented in class (e.g., application of other statistical knowledge such as issues related to multiple testing.)

### **Project well below expectations (5) will have the following characteristics:**

- does not meet several of the “meets expectations” criteria

## **Final Draft due \_\_\_\_\_ at noon**

- Please include your programming code (no output)**
- You can include a “letter to the reviewers” if desired (to justify certain decisions, include extra information, draw attention to areas of major revision)**