1. **In your own words, specify the research question(s) (2 sentences or less). [2]**

Does risk taking behavior increase when subjects are primed with a helmet compared to a baseball cap?

1. **What’s the design of the experiment? Include and explain IVs, DVs. If there is more than one experiment, please specify variables for each experiment. [4]**
2. **What methods did you use to analyze the data? And why? (e.g. if ttest, specify type of t-test) [4]**
3. **Include your R script as a text file. (Optional: present plot or diagram as shown in paper if present) [10]** 
   1. **Bicycle data:**
      1. **(a) Association between helmet vs. cap with higher risktaking scores;**
      2. **(b) Helmet vs. cap with sensation seeking scores;**
      3. **(c) Higher risk-taking scores between genders [be sure to report means, SDs, t-test values and p values]**