

## **STAA556: Proposal**

- The proposal should be **3 pages or less** (including tables, figures and references).
- A student pair will submit a single proposal. Please submit just once under either student's name.
- See Canvas calendar for due date.
- Include the following section headers in your proposal.

### **Title and author(s)**

#### **1. Introduction**

Provide relevant context and background information.

Discuss study objectives. Identify primary and secondary objectives if applicable.

Explain the study design. Include details such as sample size, whether this is an observational study or experiment, etc.

Include other details as needed.

#### **2. Proposed Methods**

Identify the response and predictor variables. Consider whether each variable is categorical (give levels), continuous or ordinal.

Describe what analyses will be conducted. The choice of analyses should reflect the research questions, design and variables of interest. Provide enough detail that the reader can understand what you plan to do.

If appropriate, state how you will check assumptions. Consider (briefly) mentioning alternative methods.

Describe what results will be reported.

Include other details as needed.

#### **3. Summary Graph and/or Statistics (Optional)**

Since you have access to the full data, you may include a summary table or graph.

Since this is optional, you should only do this if you feel it is helpful and relevant and you have space. Other sections should be given priority!

#### **4. References (If Needed)**

Consistency is more important than the specific format.

Typical standard form: author's names (last name, then initials), year of publication, title and general publication information as appropriate: journal, volume, pages, publisher, etc.

### **Grading Rubric for Project Proposal**

- Introduction (7 pts)
- Methods (10 pts)
- Style/Organization/References (3 pts): 3 pages or less, appropriate writing and grammar, organization, properly cited works.