Project 2
Due: Friday, March 13th 5pm

Project should be turned in during class or in the stat 67 box (DBH 2nd floor). Do NOT email me your project.

Conduct an experiment or observational study to test a hypothesis about the Islanders. Write a report with the following sections. Report should be written in complete sentences with tables and pictures in the report.

You will be graded on:
1. Quality of the question
2. Correctness of statistical methods
   (a) Select participants with thought (and described population of interest)
   (b) Chose method appropriate for data and question
   (c) Interpreted results correctly
3. Presentation of the data (tables and graphics)
   (a) Show important characteristics of the sample
   (b) Correct for type of data
4. Clarity and completeness of the write-up
   (a) All parts present
   (b) Minimal grammar and spelling errors
   (c) Typed neatly with tables/graphics in document
5. Sources
   (a) If you used sources to justify your question or to inform your hypothesis (journal or newspaper articles) they should be cited in the text and referenced at the end.

1 Abstract
   • Summarize the conclusions of your study in a few sentences

2 Introduction
   • Describe the question you are trying to answer
   • Explain why you are asking this question
   • Describe your study population
3 Methods

- Describe how you picked your sample
- Describe the statistical methods you used.

4 Results

- Tables and Graphics that summarize the data you collected
- Explanation of those tables and graphics
- Results of hypothesis test explained in context
- Confidence Interval or Probability Interval for parameter of interest

5 Discussion

- Conclusions in the context of your question.

6 References

- References for citations in text