**Final Project Instructions**

1. **Abstract.** Prepare a 250-word abstract of your project. Include the following sections: 1) Background on topic and a sentence on the objects, 2) Methods, 3) Results, and 4) Conclusions. Submit this on Blackboard by April 26.
2. **Presentation**. Prepare a 10-15 min presentation using Power Point or another software. Include the following in your presentation:
3. **Title slide**
4. **Overview slide of what you will cover in your presentation**
5. **Background on topic**
6. **Objectives of analysis**
7. **Methods**
   1. Study population
   2. Inclusion/exclusion criteria
   3. Variables used and brief descriptions
   4. Statistical analysis methods
   5. Any additional information you feel is important to understanding your project
8. **Results**
   1. Table 1 or a figure that describes the characteristics of your study population (the subjects included in your analysis)
   2. Table 2-Table N or figures that give the results of your project that achieve the objectives of the analysis
9. **Discussion**
   1. Brief summary of what you found
   2. Any discussion of whether your results are consistent with what others have found
   3. Strengths and limitations of the analysis
   4. Conclusions/future directions)
10. **Any acknowledgements (optional)**

Following your presentation, there will be a 5 min question and answer period from the panelists and students. Grading of the final project, which is worth 40% of your final grade, will be based on completion of the sections listed in the syllabus:

1. **Concept proposal (5 points)**
2. **Abstract (5 points)**
3. **Code for project on github site (5 points)**
4. **Final project presentation (20 points)**
5. **Responses to reviewers (5 points).** Reviewers will be composed of students in the class and/or 2-3 faculty/staff members who will provide written comments that the instructor will assemble and provide to the student/team. Responses are due within one week of the final presentation.

with consideration for following instructions and appropriate application of concepts learned in the course. Please do not hesitate to ask me for clarification or project related guidance.