Things to Consider for the Final Project

Due: Dec 1st, 2010

1. Is there a clear and concise question that the group is trying to answer?

2. If a survey was conducted to answer the research question:
   - Has a population been identified?
   - Was a representative sampling frame obtained?
   - Was some type of randomization scheme used to selecting individuals from the sampling frame?
   - How much effort was put into writing good questions?
   - Did a “census” performed by collecting data on all individuals in the population?
   - Was non-response and other types of bias discussed?
   - Were any potential limitations of the study identified and discussed?

3. If an observational study was used to answer the research question:
   - How and why were subjects selected to participate in the study?
   - What was done to minimize the effect of lurking variables?
   - Were any potential limitations to the study identified and discussed?
   - Was there any discussion on to whom the results applied and how generalizable the results are?

4. If an experiment was used to answer the research question:
   - Were subjects/units randomly assigned to different treatment levels?
   - How generalizable are the results to people/units not involved in the study?
   - Were any potential limitations of the study identified and discussed?

5. Was the appropriate statistical tool used to analyze the data?

6. Were the assumptions that accompany the statistical analysis discussed?

7. Were limitations of the statistical analysis discussed?

8. Is there any discussion on final conclusions that can be made from the study?