Statistical Reasoning  
Response Bias Project – Proposal Example

1) Names (first and last name of you and your partner)

2) Select the type of bias you are investigating

Can the wording of a question create response bias?

Do the characteristics of the interviewer create response bias?

Does anonymity change the responses to sensitive questions?

Does manipulating the answer choices change the response?

3) Briefly describe your topic. Include your research question.

*This should be clear. It should include how you will address the bias that you are investigating.*My topic is student preference about football – whether people prefer to watch college football or professional football. I plan to see whether the way the interviewer is dressed will change the way people respond. Does interviewer characteristic change student responses about football? Half of our sample will be asked with the interviewer (partner A) dressed normally. The other half of our sample will be asked with the interviewer (partner B) dressed in college football shirt/jersey/sweatshirt/etc.

4) Describe how you will collect your data. Include the population, target sample, and sampling method used.

*This should clearly state how you will select which classes will be in your survey. It should be clear enough that it could be replicated by someone else. I will supply you with a list of homerooms and hoya blocks either tomorrow or Monday.*I will collect my data by completing a systematic sample. I will use a list of all homerooms at Harrison. Beginning with the 5th advisement on the list, I will visit every 10th advisement. My population is all students at Harrison High School and my target sample is at least 150 students at Harrison High School. At least 75 students will be asked with the interviewer dressed normally and at least 75 students will be asked with the interviewer dressed in college football attire.

Notes:

Your sampling method must be an unbiased method of sampling – preferably a simple random sample, stratified sample, or systematic sample.

You may only conduct your survey during advisement or hoya block. Please touch base with your advisement or hoya block teacher to let them know that you will be conducting your survey.

You must submit at least 2 videos of yourself conducting the survey. You and the people you are interviewing should be in the video. You must also submit a log of the classes you visited, the dates you visited, and a teacher signature for each class you visit.

You can work with a partner or individually. No groups of 3 or 4 will be allowed.

You will submit your proposal online. I will print out proposals and hand them back – they will either be approved or have notes about what you need to change. If there is anything that you need to change, you will need to resubmit your proposal.

This will count as a test grade. It is not optional – if you choose not to complete the project, you will receive a 0.