

AP Psychology Unit 2 Project
Conducting a Survey Looking for Correlation Between Two Variables

Directions: In your assigned groups, you will start by determining a question with two variables. For instance, you may ask do students who get more sleep tend to get better grades? Your task will be to figure out whether one variable is a predictor of the other. Once you have determined the question you will make a hypothesis. Next, you will create a survey to test your hypothesis. In the example above, you may want to ask the students taking your survey how many hours of sleep they get each night on average and what their GPA is. You should ask at least 5 questions so your subjects do not catch on and give the most honest answers. You should also tell the subjects of your survey that their answers are anonymous and confidential. Once your surveys are complete you will organize your data, plot it on a scatter plot, describe it, and draw conclusions from it. Was your hypothesis right or wrong? Was there any correlation? You will present all of this information to me in the form of a lab report. Additionally, you will critique your work. What could you have done to make your study better? What would you change if you conducted it again?

Note: You will have some class time to work on this project but it is you and your fellow group member's responsibility to complete it at home. Your surveys must be conducted at school and your subjects should be fellow students. The best times to get students to answer your survey are before school, after school, and during lunch. I will make copies of your surveys should you need me to. This project will be due to me on or before Monday October 5th.

Lab Report Components:

1. Title Page
2. Your Question (Why did you choose it?)
3. Hypothesis
4. Methods (Survey, Participants, How participants were chosen)
5. Procedure
6. Results (Was there any correlation between variables? Analysis of data)
7. How could this experiment be improved (What would you change if given the opportunity to conduct survey and how could your study be changed to improve its validity?)
8. Appendix (Scatter plot, copy of survey, any other pertinent documents)