

**HW6: Results**

Assigned: February 28, 2011

Due: March 7, 2011

The goal of this assignment is to help you develop and allow you to demonstrate deeper understanding of course concepts. In working on this assignment, please feel free to consult your classmates, or anyone else for that matter. But make sure to write up your answers independently. Please double-space all work and use a font size no smaller than 12. The homework is due at the beginning of class on the due date.

Like HW3, your task for this assignment is to report in detail on one of the papers you've read for the class. In particular, you're going to be looking at the results section.

Take a very close look at R26, and answer the following questions about it, clearly and concisely.

1. What was/were the null hypothesis/es?
2. What was/were the research hypothesis/es?
3. What were the independent variables? Were they categorical or continuous?
4. What were the dependent variables? Categorical or continuous?
5. What statistical tests were used?
6. Why were these particular statistical tests used (you might make reference to the research and null hypotheses, the comparisons or relations you're looking for, or the number or type of dependent and independent variables)?
7. Were there analyses by participants/subjects and by items?
8. What effects were significant? Include any main effects and interaction effects, as well as any pairwise comparisons that were conducted.
9. Do these results lead us to reject the null hypothesis/es? If so, which effects in particular disconfirm which null hypothesis/es in particular?

To answer these questions, you will have to carefully consider what the paper is trying to test and also probably spend a good deal of time researching the different statistical tests, how they are used, and how their results are reported.