

Experiment Report
Due: March 11, 2011

The goal of this assignment is to give you first-hand experience participating in language research. You can participate in language research through Experimentrix or you can find an experiment advertised around campus or in this class. The only requirement is that it has to address language. There are no department or minimum time requirements.

When you finish the experiment, make sure to get a debriefing from the experimenter. They should be able to explain to you what the research was looking at and the basic method was. You should have intimate knowledge of the experimental procedure, since you were a participant.

For credit, you need to do two things.

1. Have the experimenter attest that you participated in the experiment. If it's an Experimentrix experiment, you can do this by assigning credit for the experiment to COGS 153. If it isn't, you can have the experimenter send me email (bkbergen@cogsci.ucsd.edu) with your name and the name of the experiment. Make sure this is completed by the end of classes (3/11/2011).
2. Write up a summary of what the experiment was about. This should include:
 - a. The research question
 - b. The experimental hypothesis
 - c. The method used
 - d. Your comments on the experiment (for instance, it was really long or boring and you lost track of what you were supposed to do, or you guessed what the experiment was about, or you thought it was great and you bet it'll work, or whatever).

You also have the option of not participating in an experiment and completing an alternate assignment. The alternate assignment is to write up the same summary for the experiment described in the following research article:

van Elk, M., van Schie, H.T., Zwaan, R.A. & Bekkering, H. (2010). The functional role of motor resonance in language processing: motor-cortical oscillations support lexical-semantic retrieval. *Neuroimage* 50(2), 665-677. <http://www.michielvanelk.com/NI-2010.pdf>