

Homework 3 example: The effect of swear word use on pain tolerance

Bernhard Angele

16/10/2014

Results

In order to evaluate the effect of swear word usage on pain tolerance, we performed a one-way between-subjects ANOVA with time until hand withdrawal as the dependent variable and swear word usage (quiet vs. neutral word vs. swear word) as the independent variable. Table 1 and Figure 1 show the condition means.

Table 1. Means, sample sizes (N), standard deviations (SD), and standard errors (SE) for the swear word usage conditions.

Condition	N	Mean	SD	SE
Neutral Word	20	44.70	6.906	1.544
Quiet	20	45.75	5.711	1.277
Swear Word	20	60.45	7.323	1.637

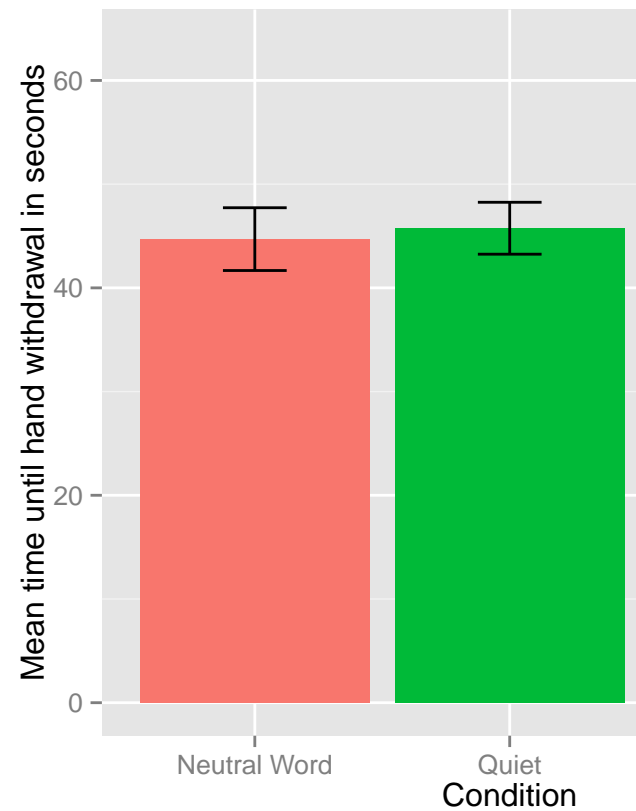


Figure 1. Condition means. Error bars denote 95% confidence intervals.