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

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# 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.* 