

## SPSS instructions

1. Between-Subjects ANOVA on trial 4.
  - a. Click “analyze”, “general linear model”, and “univariate”
  - b. DV = total 4
  - c. Fixed factor = category
  - d. Click “options”
  - e. Move “overall” and “category” to “display means for” box
  - f. Click “compare main effects” and “display descriptive statistics”
  - g. Click “continue”
  - h. Click “OK”

This will give you ANOVA testing effect of Category on trial 4 and will compute your t-tests for you for the 4 levels of category.

2. Mixed ANOVA on trials 1-3
  - a. Click “analyze”, “general linear model”, and “repeated measures”
  - b. Name the factor “trial” and give it 3 levels and click “define”
  - c. Move “total1”, “total2”, and “total3” to “within subject variables” box
  - d. Move “category” to “between subjects factor” box
  - e. Click “options”
  - f. Move “overall”, “category”, “trial”, and “category \* trial” to “display means for” box
  - g. Click “compare main effects” and “display descriptive statistics”
  - h. Click “continue”
  - i. Click “OK”

This will give you ANOVA testing main effect of category, main effect of trial, and the trial x category interaction and will compute t-tests comparing 3 trials to each other and 3 conditions to each other.

3. Repeat Steps 1 & 2 with “serial” instead of “total”