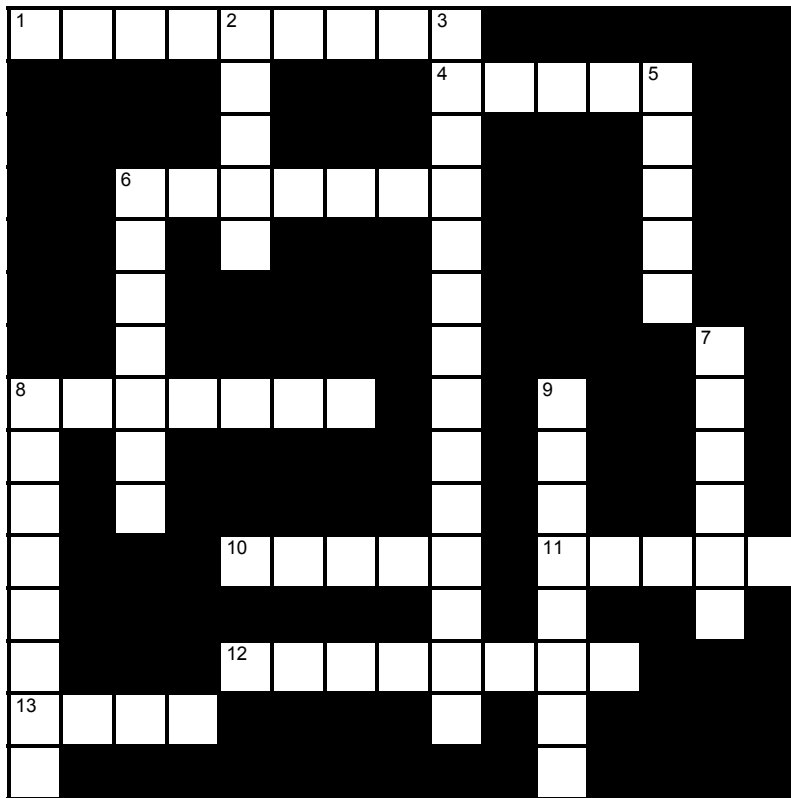


Analysis of Variance



Across

- 1 The between-groups variance estimate (SSbetween/dfbetween). (9)
- 4 _____-squared is an effect size measure which, conceptually, is calculated by dividing the between groups variance by the sum of the between and within group variances. (5)
- 6 Another name for an a priori comparison is _____ comparison. (7)
- 8 Most conservative of the post hoc tests presented. (7)
- 10 The F ____ is the between-groups

- variance estimate over the within-groups variance estimate. (5)
- 11 _____ HSD post hoc test. (5)
- 12 The F test is appropriate in any experiment in which the scores can be used to form two independent estimations of the population _____. (8)
- 13 In an ANOVA, the _____ hypothesis states that the different conditions are all equally effective. (4)

Down

- 2 Essentially, the analysis of variance partitions the _____ variability of the data

- into two sources: the variability that exists within each group, and the variability that exists between the groups. (5)
- 3 The alternative hypothesis is _____, asserting only that there will be one or more differences between effects of the dependent variable. (14)
- 5 _____ stands for analysis of variance. (5)
- 6 A _____ test is used to determine which group(s) differs from the others after a significant F test. (7)
- 7 The _____ F obtained becomes, the

- more reasonable it is that the independent variable has had a real effect. (6)
- 8 The _____ distribution of F gives all the possible F values along with the p (F) for each value, assuming sampling is random from the population. (8)
- 9 Obtained values of F beyond the _____ F will result in the null hypothesis being rejected. (8)