

Article: Extracurricular Activities and Dropping Out
Topics: Inferential Test: One-way ANOVA; F test

Practice Items:

1. Was an appropriate analysis done to address the author's main question? Explain.
2. What is the probability that random sampling error accounts for the mean difference between the two groups at the 8th grade level?
3. To keep the experiment-wise alpha at .01, what alpha should each p value be compared to?
4. Should the null hypothesis for differences be reject at the 9th grade level? Explain.
5. The authors do not report the standard deviations. Would you be interested in knowing this information? Why?