

## Article: Effort and Reward in College

### Topics: Practical Significance; Statistical Significance

Practice Items:

1. How many tests on correlations were conducted by the authors?
2. Why do you think the authors noted correlations as low as .29 were significant?
3. To keep the experimentwise alpha at .05, what alpha should each p value be compared to?
4. Keeping the experimentwise alpha at .05, how many of the correlation coefficients are statistically significant?
5. For each test you deemed statistically significant, obtain a measure of practical significance and explain what that tells you.