# statcheck: Test Document

Willem W. A. Sleegers & Michèle B. Nuijten

# Abstract

This is a short test document that contains the results of several tests used to investigate the relationship between several very important variables. Different types of analyses are reported, including *t*-tests, ANOVA, a chi-squared test, and some kind of *z*-test.

*Keywords:* statcheck, statistics reporting

# Results

We ran several analyses to investigate any relations between the included variables. First, we found a significant difference between the experimental and control conditions; *t*(28) = 2.20, *p* = .063. An additional ANOVA confirmed this result, *F*(1, 28) = 4.84, *p* < .05.

It seemed important to add some seemingly unrelated analyses, for comparison purposes. The results confirmed our expectations. First, a correlation showed no relation between the variables: *r*(28) = .22, *p* = .24. This was corroborated by an unrelated chi-square test: *χ2*(28) = 22.20, *p* > .05. For the sake of completeness, we added two additional tests: *z* = 2.20, *p* = .028, and *Q*(28) = 22.20, *p* = .77.

Finally, we performed two additional t-tests, just in case. This test was one-tailed: *t*(28) = 2.20, *p* = .02, but this one was not: *t*(28) = 2.20, *p* = .04.

# Conclusion

Based on our findings, we conclude that there is a relationship between the included, very important variables.