APA Style Examples

Note that the values and conclusions in these examples may not match those in your notes or match the problems you have worked. I change the data sets from year-to-year and do not always update these write-ups.

Also, note that I did not use Cohen's conventions when interpreting the effect sizes. You may certainly feel free to do so for your own reports.

z-test for means

A z-test for means was conducted comparing the mean for the fifteen long-term alcoholics (M = 92.35, SD = 11.17) to the normed mean value of the Wechsler Adult Intelligence Scale ($\mu = 100$, $\sigma = 15$). The result was statistically significant ($z = -1.98$, $p < .048$, two-tailed), and the long-term alcoholics showed lower levels of intelligence than the general population. The magnitude of this effect, however, was not very large (7.65 point difference, $d = .51$), and the population mean for the long-term alcoholics was not estimated precisely (CI_{95}: 84.76, 99.94).

Single Sample t-test

The most effective repellent currently on the market offers a 76.0% protection rate. By comparison the new repellent was found to provide an 81.9% protection rate (SD = 8.71). The difference between the two rates, however, was not statistically significant, $t(9) = 2.16$, $p = .06$, two-tailed. Furthermore, although the difference of 5.9 percentage points appeared to be salient, the standardized difference was small, $d = .68$. The 95% confidence interval around the difference was also imprecise, ranging from -.29 to 12.17 percentage points.

Dependent t-test

The differences between the brothers' and sisters' parenting style ratings were analyzed with a matched-pairs t test. The girls' (M = 8.17, SD = 6.18) average rating was slightly more authoritarian than the boys' (M = 7.22, SD = 3.99), but this difference was not statistically significant, $t(8) = -1.76$, $p = .12$, two-tailed. The mean difference was also small ($M_{diff} = -1.56$, $SD_{diff} = 2.65$, $d = .59$), and the 99% confidence interval was fairly wide (-4.52 to 1.41) for the 0 to 20 point scale.