

Homework 1

In this homework, you will do the calculations (semi)-manually (i.e. using something like Excel) to do the actual math but figuring out *what* has to be done yourself. This is for us to get some feel for the techniques used. Later, when more complicated setups are studied, we will switch to a dedicated software.

3.22 (a) – (f).

3.22 (g) Use Battlett's test to determine if the assumption of equal variances is satisfied. Use $\alpha = 0.05$.

3.22 (h) Use Scheffe's method for comparing contrasts constructed in 3.22 (d)

3.22 (i) Use Dunnett's test to compare all treatment means to #2 used as a control.

3.41.

3.44.