ANOVA Model Assignment

Using the **"SoybeanWorkshopProcessed.xlsx"** file:

1) Write out your anova model expressing the hypothesis about the potassium rate has an effect on K_pct (hint: think about just one location, and try to fin de the design of the experiment before writing the mdoel).

2) Write out the hypothesis you are testing.

3) Fit a null model.

4) Fit the model written in (i) for location O2. Check the assumptions.

5) Check which is the best model (that fitted in iii or that fitted in iv).

6) Do you accept or reject the null hypothesis?

7) Perform the pairwise comparisons.

8) Show your results depicting the pairwise comparisons using ggplot.