

PRACTICAL Week 12 – Interactions

1. Open dataset students.sav
2. Paste all calculations and answers to syntax file and save it regularly!

3. We will look at Weight as the outcome and to see what is the relationship of Weight by Grade and Sex
 - a. Recode Sex into Female
 - b. Plot Weight and Grade, separately for sex
 - c. Predict Weight by Grade and Sex

4. Create an interaction term of Grade*Female
 - a. Mean-center Grade
 - b. Test the interaction term in regression
 - c. Test the interaction in PROCESS
 - d. Test the interaction in ANOVA

5. Plot the interaction in Excel

Submit your practical:

Save your syntax file to Homework Vaults