**PRACTICAL Week 10 – Transformation of variables**

1. Open dataset students.sav
2. Paste all calculations and answers to syntax file and save it regularly!
3. Use age to predict hours of sleep
   1. Repeat the analysis but with age centered
4. Look at scatterplot of age and weight
   1. Obtain Loess curve
   2. Use age to create age2
   3. Use age2 to predict weight
5. Transform weight to reduce its skewness
6. Ethnicity
   1. Obtain frequencies
   2. Use ethnicity to predict number of people living at home
   3. What is your reference group? What if we wanted to compare Latinos and Native Americans?

**Submit your practical:**

Save your syntax file to Homework Vaults