

### **Exercise 1**

Using SPSS open the file named **example 05** and check the normality assumption for the time and report your results.

Then, using SPSS open the file named **example 06** and check the normality assumption for the entire sample (time), but also check the normality assumption for each gender group. Report both your results.

You can discuss in Discord your presentations of the data and compared with the ones of your fellow students.

### **Exercise 2**

Using SPSS open the file named **example 07** and check the confidence interval, this time grouping by the gender. What do you observe?

You can discuss in Discord your presentations of the data and compared with the ones of your fellow students.

### **Exercise 3**

Using SPSS open the file named **example 08**. First check the descriptive statistics and the confidence interval and report the data. Then use one-sample t-test to compare your sample, against the known value of 69,3. Report your results

You can discuss in Discord your presentations of the data and compared with the ones of your fellow students.

### **Exercise 4**

Using SPSS open the file named **example 09**. First check the descriptive statistics and report the data. Then use the independent samples t-test to compare means and report your results.

You can discuss in Discord your presentations of the data and compared with the ones of your fellow students.

### **Exercise 5**

Using SPSS open the file named **example 10**. First check the descriptive statistics and report the data. Then use the paired samples t-test to compare means and report your results.

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### **Exercise 6**

Using SPSS open the file named **example 11**. First check the descriptive statistics and report the data. Then perform a one-way ANOVA and report your results.

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### **Exercise 7**

Using SPSS open the file named **example 12**. First check the descriptive statistics and report the data. Then perform a repeated measures ANOVA and report your results.

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### **Exercise 8**

Using SPSS open the file named **example 13**. First check the descriptive statistics and report the data. Run a chi-square test and report your results.

Then open the file named **example 14**. This time you must analyze 3 age groups and 3 types of UI. Run a chi-square test and report your results.

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### **Exercise 9**

Using SPSS open the file named **example 15**. First check the descriptive statistics and report the data. Then, check if the assumption of normality is violated and if the answer is "yes", then perform a Mann-Whitney U test and report your results.

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