

Aid Guide to Answers Question I and II

This guide contains the tools to analyze the assumptions, development and post-pair tests during the application of ANOVA method in practice. As you know ANOVA method is a strong parametric test that has several assumptions to be applied. Here it is included a non-parametric test alternative to ANOVA method as well.

You may check your answers to Question I and II using in one of the following ways:

1. if you're familiar with python
 - (a) Install the modules: numpy, pandas, scipy, statsmodels, matplotlib, researchpy
 - (b) run the code `python3.8 onewayanova.py`
 - (c) run the code `python3.8 twowayanova.py`
2. if you aren't familiar with python, the following reports may help you to check the calculus and the interpretation of the results.
 - (a) `one-way-anova.html`
 - (b) `two-way-anova.html`

Notice: You could find more help reading the comments related to the tests applied along with these codes.