Quantitative Methods (in Statistics)

We want to analyze data sets. In these case studies we become acquainted with statistical inferences and we will learn how to use SPSS (Statistical Product and Service Solution) and how to comment the results.

Syllabus:

1. **Introduction**

2. **Statistical Analysis**

3. **Test of Stochastic Independence**

4. **Measures of Association**

5. **Goodness-of-Fit Test Normal Distribution**

6. **Test of the Homogeneity of Two Variances**

7. **Test on Two Means**

8. **Regression Analysis**

9. **Graphical Summaries of Data**

10. **Analysis of Variance**

11. **Kruskal-Wallis Test**

12. **Principal Components Analysis**

13. **Cluster Analysis**

At the end of this course there will be an open-book exam.