

Basic statistics

This course is designed to give you an overview about basic knowledge in statistics in two half-day sessions.

Topics of the Course

The course will cover the following topics, which are clarified by examples.

- Experimental design
- Data collection and data entry
- Design of statistical data analysis
- Selecting the appropriate method of analysis (overview)
- Related/unrelated samples
- Measurement level/variable types
- Precondition testing, normal distribution
- Sample size planning and power analysis
- Mixed and questions