

Certificate of attendance to the
RTG 2202 Autumn School on
„Statistics, Data Analysis, and Data Visualization“

Organized by the Research Training Group 2202
„Transport across and into membranes“

University of Freiburg
October 7-11, 2019

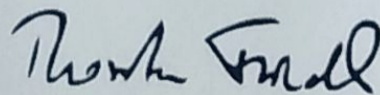
Contents:

Descriptive statistics: plots, measures of location and variation

- Fundamentals: quantiles, the normal distribution, binomial distribution
- Confidence intervals
- How to plot data
- The principle of statistical testing
- Statistical tests for quantitative data: t-test
- Statistical tests for quantitative data, more than two groups: ANOVA
- Statistical tests for qualitative data: chi-square-test
- Interpretation of p-values
- Evaluation of fold change data
- Correlation and regression
- Study design

Antara Mukhopadhyay

Freiburg, Oct 11th, 2019



Prof. Thorsten Friedrich
Speaker RTG 2202