

Short Course Statistics - R-Course

Objective

- Learning the application of statistical software in data analysis
- Introduction to the freeware tool for statistical analysis R

Description

You will learn how to use the statistical analysis tool R for the organizational and graphical representation of empirical data.

We will discuss how to program and apply the statistical tests explained in the corresponding GRADE workshop *Short Course Statistics – Theory* taking place on 15 April 2024.

The workshop will cover:

- Import of data and overview
- Descriptive statistics and graphical representations
- Application of common statistical tests and linear regression models
- Simulations, writing one's own functions
- Outlook on further statistical models

Conditions

Pre-requisite for this workshop is a basic knowledge in the theory of statistics, such as presented in the corresponding GRADE workshop *Short Course Statistics – Theory* taking place on 15 April 2024.

Trainers



Sonja Lührsen
Goethe University, Frankfurt

Sonja Lührsen is a master's student in mathematics specializing in Stochastics.



David Beetz
Goethe University, Frankfurt

David Beetz is a master's student in mathematics with a minor in Finance specializing in Stochastics.

Organizational Information

Language / Format	English / On campus
Target group	Doctoral Candidates at all stages and Postdocs (R2/R3) from all faculties
Date	Tuesday-Thursday, 16-18 April 2024, 9:00 – 15:30
Registration	For registration click here