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.

Organizational Information

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