

## 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

This course is paired with the course Short Course Statistics – Theory. You will learn how to use the statistical analysis tool R for the organization and for the graphical representation of empirical data. We will discuss how to program and apply the statistical tests explained in the corresponding lecture of the Short Course Statistics – Theory.

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

Pre-requisite for this workshop is a basic knowledge in the theory of statistics!

### Trainer



**M.Sc. Matthias Gärtner**

Goethe University, Frankfurt

Mathematician with special expertise in the application of statistical software in data analysis.



**M.Sc. Benjamin Straub**

Goethe University, Frankfurt

Mathematician with special expertise in the application of statistical software in data analysis.

### Organisational Information

Language	English
Target group	Doctoral Candidates at all stages and Postdocs from all faculties
Date	Wednesday-Friday, 19-21 April 2017, 10:00 – 16:00
Registration	<a href="#">For registration click here</a>