

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 Short Course Statistics – Theory taking place on April 20th.

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 workshop *Short Course Statistics – Theory* taking place on 20 April 2021.

Trainers



M.Sc. Solveig Plomer

Goethe University, Frankfurt

- M.Sc. Mathematics, specialized in statistics
- Scientific assistant in the group statistics / Goethe University, FB12
- Consultant for statistical solutions and implementation in R and Python, Freelancer since 2017



Niyat Isayas

Goethe University, Frankfurt

Niyat Isayas is a student of mathematics (M.A.) with specialization in stochastics and statistics and minor in financial economics.

Organizational Information

Language	English
Target group	Doctoral Candidates at all stages and Postdocs from from all faculties
Date	Monday-Wednesday, 26-28 April 2021, 9:00 – 15:30
Registration	For registration click here