

## Applied Data Analysis with SPSS

### Objective

Participants receive an applied introduction to the statistical software IBM SPSS. Participants will learn how to prepare data for regression analysis and then conduct a basic regression analysis with SPSS.

Furthermore, the online workshop equips participants with a foundation upon which they can master more complex analytical techniques with SPSS.

### Description

The workshop is centered around a replication of a recent study on attitudes towards income inequalities (Larsen 2016). It offers hands-on experience with SPSS by breaking down the most important data preparation and data analysis steps for the paper in question with SPSS.

The merits and weaknesses of the software are also touched upon.

Topics covered:

- Refresher on basic data management techniques and basics of linear regression
- Introduction to the statistical software package SPSS
- Application of basic data management techniques in SPSS
- Application of linear regression in SPSS

### Methodology

The workshop will be organized online via Moodle and combines both **asynchronous and synchronous** elements:

- During the course of the workshop, participants will convene three times for live online exchange sessions.
- Before each of these live exchange sessions participants need to review a package of pre-recorded lectures, tutorials and learning material.
- During the live online exchange sessions, participants will work together on hands-on exercises that focus on replicating a selected study. Details will be provided via Moodle a week before the first live exchange session.
- Estimated time for course work is approximately 24 hours: 12 hours of live exchange, 12 hours of individual preparation.

### Conditions

Participants should be aware that the primary focus of the workshop is exploration of the technical steps of data management / analysis with SPSS. Therefore, basic familiarity with the logic of data preparation and basic understanding of linear regression are required. Having experience with another statistical software (e.g. R, Stata, SAS) is of advantage but by no means a requisite.

### Organizational Information

Language / Format	English / Online
Target group	Doctoral Candidates at all stages and Postdocs (R2/R3) from the Humanities and Social Sciences
Date	Friday, 24 May 2024, 9:00 – 13:00 Friday, 7 June 2024, 9:00 – 13:00 Friday, 14 June 2024, 9:00 – 13:00
Registration	<a href="#">For registration click here</a>

### Trainer



**Zsófia S. Ignácz, PhD**  
Goethe University, Frankfurt

- Sociologist with specialization in research methodology
- Project coordinator “METab [Methodentablierung]”
- Since October 2021 associated with the Methodenzentrum Sozialwissenschaften at Goethe University
- Since October 2018 research associate and lecturer at the chair of Methods of Quantitative Empirical Social Research at Goethe University