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. The online workshop furthermore equips participants with a foundation upon which they can master more complex analytical techniques with SPSS.

**Description**

The workshop is built around the replication of a recent study on attitudes. 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. During the workshop, 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 online 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 packages 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 20 hours: 12 hours of live exchange, 8 hours of individual preparation.

**Conditions**

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**

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<thead>
<tr>
<th>Language / Format</th>
<th>English / Online</th>
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<tbody>
<tr>
<td>Target group</td>
<td>Doctoral Candidates at all stages and Postdocs the Humanities and Social Sciences</td>
</tr>
<tr>
<td>Date</td>
<td>Monday, 8 May 2023, 9:00 – 12:00  Monday, 15 May 2023, 9:00 – 13:00  Monday, 22 May 2023, 9:00 – 13:00</td>
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<tr>
<td>Registration</td>
<td>For registration click here</td>
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