Ph.D. Course on Generalization of Research Results (5 LP)

- December 2022 -

LECTURER

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COURSE Outline

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<th>Date</th>
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<td>02.12.2022</td>
<td>09:00 - 10:30</td>
<td>1. Conclusions from Significance Testing</td>
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<td>20.01.2023</td>
<td>10:45 - 12:15</td>
<td>2. Conclusions from Replications</td>
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<td>13:30 - 15:00</td>
<td>3. Statistical versus Substantial Results</td>
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<td>15:15 - 16:45</td>
<td>4. Narrative Reviews</td>
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<td>09.12.2022</td>
<td>09:00 - 10:30</td>
<td>5. Meta-Analysis</td>
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<td>27.01.2023</td>
<td>10:45 - 12:15</td>
<td>6. Effect Sizes for Comparing Study Results</td>
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<td>13:30 - 15:00</td>
<td>7. Determination of Central Tendency and Distribution</td>
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<td>15:15 - 16:45</td>
<td>8. Deriving Moderation Effects</td>
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COURSE OBJECTIVES

In this course participants will get a basic understanding of how generalization of empirical results across studies works. The course is interactive with participating doctoral students presenting certain topics that are discussed intensively afterwards.

Grades are provided on the basis of the presentations, the contributions in the discussions, and a two page paper on how they would make use of generalizations. The presentations should not exceed 45 minutes.

The course will provide 5 ECTS.
Required Pre-Readings:

1. **Conclusions from Significance Testing**

2. **Conclusions from Replications**

3. **Statistical versus Substantial Results**
4. **Narrative Reviews**


5. **Meta-Analysis**


6. **Effect Sizes for Comparing Study Results**


7. **Determination of Central Tendency and Distribution**
   (see also the literature under 5. meta-analysis and 8. meta regression)


8. **Deriving Moderation Effects by Meta Regressions**


**Remarks with Respect to References**

The references mentioned above should serve as a starting point. As you will only submit slides (no text), please make sure that you clearly indicate on each slide to which reference you refer. And provide the full information of each reference on each slide.