

Workshop

Quasi-Experimental Designs for Evaluation and Intervention Studies

Organizational details

Instructor: Professor Dr Peter Schmidt
Date: September 1 2017, 09.00 Uhr – 18.00 Uhr
September 2 2017, 09.00 Uhr – 14.00 Uhr
Location: Zeughaus, Senckenbergstrasse 3, 35390 Giessen, Ze-S4
ECTS: 1

Objectives

Overview of the strengths and weaknesses of quasi-experimental designs for evaluation and intervention studies and how to analyze them quantitatively using regression analysis and variants. As an outcome, the participants should be able to critically evaluate the designs and the methods of analysis used today in international peer-reviewed journals in the humanities, economics, education and the social sciences. In addition, they should acquire the competence to select those designs and statistical procedures that are optimal for their own research questions.

Content & Methods

Overview and Evaluation of the most important quasi-experimental designs and threats to external validity. Furthermore, how they can be analyzed with quantitative Methods including regression type analyses. Overview of different aspects of using theories: Core Theory, Measurement Theory, Action and Program Theory, Side Effects and the concept of underlying mechanisms.

Different applications of theory-driven interventions: 1. Semester ticket study in Giessen and in whole Germany for changing travel mode behavior. 2. Changing travel mode behavior in Stuttgart. 3. land use exchange of farmers in the Lahn-Dill district 4. An experimental study for changing nutrition behavior in Nigeria. Presentation of major results. Participants will evaluate these studies according to a checklist. Furthermore, they should design either alone or in a small group an intervention themselves.

To gain the ECTS credit points participants have to:

Attend both workshop days

Target group

Ph.D. students and Postdocs

Prerequisites: Knowledge of Regression Analysis and some basic knowledge of Factor Analysis

Course language

English

Please note: As this is not an English language course proficiency in English at the C1 level of competency is required.

Registration

By **August 22 2017** via e-mail at info@ggs.uni-giessen.de.