MICHAEL KÜHHIRT

Quantitative Social Scientist & Causal Inference Expert

CONTACT

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https://kuehhirt.github.io/ 🌐

EDUCATION

PhD
Social Sciences
University of Mannheim
September 2008 – June 2014
Mannheim, Germany

M.A.
Sociology, History
University of Mannheim
October 2003 – August 2008
Mannheim, Germany

SKILLS

Causal Inference [*Directed Acyclic Graphs, Potential Outcomes, Quasi-Experimental Designs*]

Statistical Modelling [*Generalized Linear Models, Panel Data Models, Event History Models, Inverse Probability Weighting, Matching, Factor Analysis*]

Hypothesis Testing

R and Python [*Intermediate*]

Jupyter Notebooks

Git

Collaborative Research

Scientific Presentation

WORK EXPERIENCE

Senior Scientist

University of Cologne, Goethe-University Frankfurt
June 2014 – current

- Designed research plans and selected appropriate data for causal identification guided by directed acyclic graphs and potential outcomes
- Used statistical models for dynamic exposures and causal mediation analysis to answer questions related to individual outcomes and behavior based on observational data
- Presented individual and collaborative research to experts and laypersons through peer-reviewed publications, conference talks, and blog posts
- Offered training courses on cutting-edge causal inference methods and quasi-experimental designs in Australia, Denmark, Germany, Spain, and the UK
- Provided formal peer-review on 66 research papers and informal methodological feedback to colleagues and students

Junior Scientist

University of Mannheim, University of Cologne
September 2008 – June 2014

- Applied difference-in-differences to analyze the causal effects of life events based on the repeated observation of tens of thousands of individuals
- Presented research to supervisors, colleagues, and international experts and published in leading social science journals
- Taught courses on research design, data collection, and applied statistics to social science undergraduates

Research Assistant

University of Mannheim
July 2006 – August 2008

- Worked with supervisors to clean and analyze data for research projects and teaching
- Mentored social science students in quantitative research methods
- Supervised telephone-assisted data collection within student research project