

Christine Hedde - von Westernhagen

Utrecht · Netherlands

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Research interests: Social network analysis, multi-layer networks, complex systems, causal inference.

Education

DEGREE PROGRAMS

Utrecht University, Methodology and Statistics for the Behavioural, Biomedical and Social Sciences, M.Sc. (current GPA: 4.0) 2021 - present

- Thesis: "Predicting Covid-19 outbreaks using multi-layer centrality measures"
(Supervisors: Javier Garcia-Bernardo, Ayoub Bagheri)

University of Bremen, Political Science, B.A. (GPA: 3.7) 2017 - 2021

- Thesis: "Colonial-Era Missions and Long-Term Consequences for Education in Africa: A Replication Study" (Supervisors: Bastian Becker, Nate Breznau)

ADDITIONAL COURSES

Radboud University Nijmegen, Summer School on Social Research Methods, "Inferential Network Analysis" 07/2022

Employment

Student Research Assistant, *Utrecht University, Department of Methodology and Statistics* 10/2022 - present

- Research assistance for Javier Garcia-Bernardo on a paper about mass shooting events
- Maintaining the website of the Natural Language Processing Group

Tutor for statistics, *University of Bremen, Faculty of Social Sciences* 10/2020 - 04/2021

Student Research Assistant, *University of Bremen*

ERC Project "The Legacy of Colonialism: Origins and Outcomes of Social Protection" 11/2019 - 09/2020

- Digitizing historical data sources, editing and visualization of geospatial data, writing for publication

Project "Moving for the Kids" 01/2019 - 12/2019

- Management of survey data, acquisition of administrative data, data analyses
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Volunteering

CorrelAid 09/2020 - 12/2021

- Project lead for automating R Markdown reports in cooperation with *Citizens for Europe*
- Participation in internal workshops and organisational tasks

- Member of the appointments committee for the chair of *Sociology and Quantitative Research Methods for the Social Sciences*
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Skills

Languages

German (native)

English (fluent, Cambridge Certificate in Advanced English - 205pts./CEFR C2)

French (intermediate)

Dutch (intermediate)

Software and Programming

R (incl. R Markdown and Shiny), Python, Stata, Git, \LaTeX , QGIS

Projects and Publications

Data Analysis and Visualization

Co-authorship network of the *SOCIUM* research center

- Data collection for a term paper on network analysis at the University of Bremen [Repository]
- Tutorial on network analysis in R and Python (given at a *CorrelAid Bremen* meet-up, [Repository])

Publications

With Bastian Becker (2022): Mapping Missions: New Data for the Study of African History, *Research Data Journal for the Humanities and Social Sciences*, 7(1), 1-33. <https://doi.org/10.1163/24523666-bja10027>

- *Dataset*: Hedde - von Westernhagen, C., Becker, B. (2022). "Mapping Missions: New Data for the Study of African History (Dataset)", <https://doi.org/10.7910/DVN/E9EEMQ>, Harvard Dataverse, V1.