Lukas Warode

Political Science PhD Candidate | M.Sc. Data Science for Public Policy
✉ lukas.warode@gmx.de ⚲ lwarode in Lukas Warode 🐦 lukas_warode

Education

University of Mannheim, Political Science Track in Doctoral Programme in Social Sciences at the Center for Doctoral Studies in Social and Behavioral Sciences (CDSS)   2023 – 2026

Hertie School, M.Sc. Data Science for Public Policy (Grade: 1.4)   2021 – 2023

   Thesis: "Scaling Political Actors across Parliamentary Speeches and Tweets: Evidence from the 19th German Legislative Period"

   Covered Areas

   · Data Science with R and Python
   · Machine Learning, Deep Learning and its Mathematical Foundations
   · NLP, Network Science and its Applications in Social Science Research
   · Causal Inference
   · Economics
   · Public Policy, the Policy Process and its Legal Basis

University of Bremen, B.A. Political Science (Grade: 1.3)   2017 – 2021

   Strongly above-average grades (part of the best 2% of the cohort)

   Thesis: "The 2014 and 2019 European Elections in the Context of Second-Order Elections"

   Focus Areas

   · (Applied) Statistics and Quantitative Methods
   · Comparative Politics
   · Election and Party Research
   · Political Economy

Queen's University Belfast, Exchange Semester   2019

Work Experience

Academia

Research Associate, *University of Mannheim · MZES*   08/2023 – *today*

   · Participating in Or Tuttnauer's DFG project *Dynamics of Government-Opposition Parliamentary Relations and Public Attitudes*

Research Assistant, *WZB Berlin Social Science Center*   10/2021 – 05/2022

   · Project *Transformations of Democracy*

      Prof. Daniel Ziblatt, Ph.D.

Tutor in Statistics, *University of Bremen · Faculty of Social Sciences*   11/2020 – 03/2021

Research Assistant, *University of Bremen · SOCIUM*   03/2018 – 12/2020

   · Project *Careers in Comparison*

      Prof. Dr. Philip Manow & Dr. Valentin Schröder

   · Project *ParlGov*

Dr. Holger Döring & Prof. Dr. Philip Manow

· Preparing lecture "Introduction to Comparative Politics"

· Assisting a research paper

Dr. Alexander Gattig & Prof. Dr. Philip Manow

Private Sector

Data Researcher, *POLITICO Europe*	07/2023 – 05/2024
Data Research Working Student, *POLITICO Europe*	10/2022 – 07/2023
Data Science & Research Intern, Project *Open Discourse – Limebit*	07/2022 – 08/2022
Data Journalism Intern, *Süddeutsche Zeitung*	06/2021 – 07/2021
Data Science Intern, *eoda GmbH*	01/2021 – 03/2021
Graphic Design Intern, *liauw konzept und design*	10/2016 – 01/2017

Volunteering and Memberships

Participation in Bayesian Inference Reading Group led by Dr. Will Lowe, *Hertie School*	01/2023 – 05/2023
Student Representative, *Hertie School · Master of Data Sciene for Public Policy*	09/2022 – today
CorrelAid (*Data Science for Good*)	06/2019 – today

· Organizing the *Local Chapter Bremen*

· Participating in voluntary Data Science project with *Mehr Demokratie e.V.*

· Participating in Mentoring Program as Mentor

· Presenting (Political) Data Science projects at "Data Meetups"

Member of the appointment committee, *Professorship for Quantitative Methods, University of Bremen · Faculty of Social Sciences*	10/2020
Voluntary activity as an election worker, *State of Bremen*	05/2019
Voluntary involvement in a community as a group leader, *St. Raphael Bremen*	2015 – 2017

Skills

Language

German (mother tongue)

English (fluent | TOEFL iBT · Score: 110/120 · C1 – C2)

French (basics)

Statistical Packages

`R` / *tidyverse* (advanced to semi-professional)

· Data manipulation
· Data visualization
· Statistical methods
· Interactive tools (`R Markdown`, `Shiny`)
· Project and package development

Stata (advanced)

Mplus (basics)

Computer Knowledge

`Python` (basics – advanced)

- · Data manipulation
- · Data visualization
- · Machine Learning & Deep Learning methods

`SQL` (basics)

LaTeX (basics)

MS Office – Word, Excel, PowerPoint (basics – advanced)

Adobe Creative Cloud - InDesign, Photoshop, Illustrator, Dreamweaver, Lightroom (basics – advanced)

Publications and Projects

PUBLISHED

Data Science Projects

[opendiscouRse](): `R Package` using *[Open Discourse]()* database

- · Package containing functions to obtain descriptive statistics and analyses for external and internal usage
- · Current state: In development

[ParlGov Dashboard](): `R Shiny` Dashboard using *[ParlGov]()* database

- · Comprehensive data visualizations and tables on parties, elections and cabinets
- · [Source Code]()

[legislatoR+](): `R Shiny` App using [Comparative Legislators Database]()

- · Master's class final course project, geographical and distributional visualizations of German MPs
- · [Source Code and Project Description]()

[Whisky Dashboard](): `R Shiny` App using taste data on Scottish Single Malt Whiskies

- · Categorical and geographical visualizations
- · [Source Code and further Analyses]()

Academic Articles

Richter, F., Koch, P., Franke, O., Kraus, J., Warode, L., & Heine, S. (2023). *Open Discourse: Towards the first fully Comprehensive and Annotated Corpus of the Parliamentary Protocols of the German Bundestag.* SocArXiv. https://doi.org/10.31235/osf.io/dx87u

Non-Academic Articles

[Schnelltests liefern mangelhafte Ergebnisse](), *Süddeutsche Zeitung*, co-author: Markus Hametner

[Warum die Impfkampagne stockt](), *Süddeutsche Zeitung*, co-authors: Simon Groß, Berit Kruse and Sören Müller-Hansen