

# Johanna Hözl

PhD candidate in Sociology at the University of Mannheim  
researching the quality of new data sources and methods for the social sciences

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 johanna-hoelzl |  johannahoelzl |  0009-0002-4954-2209 |  Scholar

## EXPERIENCE

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### University of Mannheim

*Research Associate and Adjunct Lecturer*

2022 - now

Mannheim, Germany

- Empirical Research Course I and II (Spring and Fall 2023 and 2024)
- Data Collection Exercise Course (Fall 2022, 2023, 2024, and 2025)
- Bachelor Thesis Colloquium and Theses Supervision (Spring 2024, 2025, and 2026)

### University of Mannheim and Mannheim Center for European Social Research

*Research Associate*

2021 - 2023

Mannheim, Germany

- Project "Integration research 2.0" on new data sources in migration and integration research
- Working on the methodological challenges, reliability and validity of Google Trends data

### Leibniz-Institut für Bildungsverläufe e.V.

*Research Associate*

2021

Bamberg, Germany

- ReGes project on refugee's educational trajectories in Germany
- Support in the process of data collection and validation

### Leibniz-Institut für Bildungsverläufe e.V.

*Student Research Assistant*

2015 - 2020

Bamberg, Germany

- ReGes project and other departments
- Support in the process of data collection, data analysis, and paper writing

### University of Trento

*Internship*

2020

Trento, Italy

- Department of Sociology and Social Research

- Data cleaning and harmonization of longitudinal data

### European Parliament

*Internship*

2017

Brussels, Belgium

- Office of Ismail Ertug, MEP

- Support in legislative, administrative, and organizational tasks in two committees

## EDUCATION

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### University of Mannheim

*PhD candidate*

2021 - now

Mannheim, Germany

- Chair of Social Data Science and Methodology, Supervisor Prof. Florian Keusch
- Dissertation on "What We Can and Cannot Do: The Quality of New Data Sources and Methods in Social Science Research"

### University of Bamberg and University of Trento

*M.A. Sociology and Laurea Magistrale Sociology and Social Research*

2018 - 2021

Bamberg, Germany and Trento, Italy

- Grade: 1.0 (GPA: 4.0), ranked 1st in cohort

### University of Bamberg

*B.A. Sociology*

2014 - 2018

Bamberg, Germany

- Grade: 1.2 (GPA: 3.8)

## PUBLICATIONS

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- [1] Johanna Hözl, Florian Keusch, John Collins (2025). **Where You Are Is What You Get! Inconsistencies of Digital Trace Data Across Download Locations.** Manuscript under review in *Social Science Computer Review*. Preprint available on OSF: 10.17605/OSF.IO/CD6RW
- [2] Johanna Hözl, Florian Keusch, Christoph Sajons (2025). **The (mis)use of Google Trends data in the social sciences — A systematic review, critique, and recommendations.** *Social Science Research* 126:103099. DOI: 10.1016/j.ssresearch.2024.103099
- [3] Johanna Hözl, Daria Szafran, Florian Keusch (2025). **Digitale Ungleichheiten in Deutschland.** *GESIS Data Archive*. DOI: 10.7802/2915
- [4] Johanna Hözl, Marie-Lou Sohnus (2023). **Spotify API.** In *APIs for social scientists: A collaborative review*, edited by P. C. Bauer, C. Landesvatter, and L. Behrens.

## CONFERENCE PRESENTATIONS, POSTERS, AND INVITED TALKS

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### General Online Research Conference 2026 (GOR 26)

"My (22m) Girlfriend (23f) Comes Home and Does Nothing" — Gendered Perceptions of Paid and Household Labor in Reddit Relationship Discussions over Time (poster presentation)

February 26-27, 2026

Cologne, Germany

### 11th International Conference on Computational Social Science (IC<sup>2</sup>S<sup>2</sup>)

Where You Are Is What You Get? Sample Inconsistencies of Digital Trace Data Across Download Locations (poster presentation)

July 21-24, 2025

Norrköping, Sweden

### 2025 Conference of the European Survey Research Association (ESRA)

Where You Are Is What You Get? Sample Inconsistencies of Digital Trace Data Across Download Locations (presentation)

July 14-18, 2025

Utrecht, Netherlands

### General Online Research Conference 2025 (GOR 25)

Where You Are Is What You Get? Sample Inconsistencies of Google Trends Data Across Download Locations (presentation)

March 31-April 02, 2025

Berlin, Germany

### 79th Annual Conference of the American Association for Public Opinion Research (AAPOR)

Where You Are Is What You Get? Sample Inconsistencies of Google Trends Data Across Download Locations (poster presentation)

May 15-17, 2024

Atlanta, USA

### General Online Research Conference 2023 (GOR 23)

What do racists google? A systematic approach to selecting and validating Google Trends data using the example of xenophobic attitudes (presentation)

September 20-22, 2023

Kassel, Germany

### GESIS course on "Data Science Tools for Survey Researchers"

The (mis)use of Google Trends data in the social sciences - A systematic review, critique, and guidelines (invited talk)

August 22, 2023

Mannheim, Germany

### 2023 Conference of the European Survey Research Association (ESRA)

Sustainable Trend or Trending Mayfly? A Systematic Literature Review and Guidelines on Using Google Trends Data for Social Science Research (presentation)

July 17-21, 2023

Milan, Italy

### Research Plus by the German Society for Online Research (DGOF)

Wonach googeln Rassisten? Chancen und Herausforderungen von Google Trends Daten für die Forschung (invited talk)

June 12, 2023

Mannheim, Germany

### 78th Annual Conference of the American Association for Public Opinion Research (AAPOR)

What do racists google? A systematic approach to selecting and validating Google Trends data using the example of xenophobic attitudes (presentation)

May 10-12, 2023

Philadelphia, USA

### MZES Ethnic Diversity Spring Workshop

Use of Google Trends Data in Research on Migration and Integration (presentation)

May 30, 2022

Mannheim, Germany

## AWARDS

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### GESS Publication of the Year Award

*Graduate School of Economic and Social Sciences (GESS), University of Mannheim*

2025

- Awarded for the publication "The (mis)use of Google Trends data in the social sciences A systematic review, critique, and recommendations"
- Endowed with 1000€

### ABS<sup>2</sup> Preis für Abschlussarbeiten

*Alumni-Verein der Bamberger Soziologie und Survey-Statistik (ABS<sup>2</sup> e.V.)*

2022

- Awarded the price for the best Master thesis for "Additionally disadvantaged? The effect of technological change on the impact of a migration background on labor market outcomes across Europe"
- Endowed with 200€

## COMMUNITY ACTIVITIES AND SERVICE

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### Peer Review

*Conferences and Journals including Social Science Computer Review, Sociological Methods & Research, Social Sciences & Humanities Open, PLOS One, AAPOR, and ESRA*

2022 - now



### Deputy Equal Opportunities Officer for the Social Sciences

*University of Mannheim*

2022 - now

### Conference Co-Organizer

*Mannheim Center for European Social Research*

2025

- Hybrid conference on "Novel Data Sources, New Methods and Computational Approaches for Understanding Discrimination and Bias"
- Co-organized with Nicole Schwitter, Daria Szafran, and Johanna Gereke

### Organizing Committee Member of DataFest Germany

*University of Mannheim*

2024 and 2026

- Part of the organizing committee of a Hackathon for ~70 students

### Conference Session Organizer

*10th ESRA Conference, Milan, Italy*

2023

- Session on Applications, Potentials, and Challenges when Using Google Trends in Combination or as Substitute for Surveys
- Co-organized with Florian Keusch

## SKILLS

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- **Programming Languages:** R, Stata, Python (Basic), SPSS, MAXQDA
- **Software:** Unipark, Latex
- **Languages:** German (Native proficiency), English (Business fluent), French (Fluent), Italian (Basics)