

Manuel Holz | Curriculum Vitae

Professional Experience

Chemnitz University of Technology

Professorship Empirical Social Research

Chemnitz

since Nov/2017

Research Associate

Projects

- *Internet- and media exposition and the impact on attitudes and behavior during the COVID-19 pandemic*
Sponsor: *Sächsische Aufbaubank* since Mar/2022
- *Come2Data - Competence Center for Interdisciplinary Data Sciences* since Nov/2023
Sponsor: *BMBF 16DKZ2044B*

Past Projects

- *Social Acceptance of Sustainable Technologies ("Vertikka").* Apr/2019 - Mar/2022
Sponsor: *BMBF 033W108A-K*

Internships

German Institute for Economic Research (DIW)

Department Energy, Transport, Environment

Supervisor: **Prof. Dr. Claudia Kemfert**

Project: Global Capacities of Nuclear Power Plants

Tasks: Web Scraping of nuclear power performance data

Berlin

Mar/2016 – Jul/2016

Institute of Empirical Sociology

Mobility and traffic security

Supervisor: **Prof. Dr. Walter Funk**

Project: Mobility of Environmental Agency

Tasks: Data management and visualization of survey data

Nuremberg

Mar/2014 – Jul/2014

Education

Chemnitz University of Technology

Promotion Dr. rer. soc.

Dissertation:

Explaining migrant health inequalities - selection, measurement invariance and working conditions in native-migrant health differences (summa cum laude)

Supervisor: **Prof. Dr. Jochen Mayerl**

Chemnitz

Dec/2024

Friedrich-Alexander-Universität Erlangen-Nürnberg

M.Sc. Socioeconomics

Master thesis: *Aspects of the Healthy Migrant Effect*

Supervisor: **Prof. Dr. Andreas Damelang**

Nürnberg

Jul/2017

Friedrich-Alexander-Universität Erlangen-Nürnberg

B.A. Socioeconomics

Supervisor: **Prof. Dr. Peter Kriwy**

Nürnberg

Jul/2014

Training programs and academic exchanges

Summer School Computational Social Science Paris

SICCS at Polytechnique and Science Po

France

June 2025

Universidad Nacional Autónoma de México

Facultad de Ciencias Políticas y Sociales

Mexico

Jul 2016 – Jan 2017

Universitat Autònoma de Barcelona

Facultat de Ciències de la Comunicació

Spain

Sept 2013 – Mar 2014

Programming Skills and Languages

Programming

R (proficient), Stata (proficient), Python (intermediate), SPSS (intermediate)

Languages

German (native), English (proficient), Spanish (proficient), French (proficient), Italian (intermediate)

Publications

[in review] **Holz, M.**, Gränitz, J., Mayerl, J. & Kriwy, P. Computational Approaches to Assessing the Influence of Social Media Discourse on Pandemic Attitudes. **Soziale Welt Special Volume: Computational Social Science: Current Trends and State of the Art.**

Holz, M., & Mayerl, J. (2025). Can Differing Occupational Class Positions Explain Migrant Health Inequalities? Differences in Trajectories of Subjective Health Between Migrants and Native Germans over Time. **KZfSS Kölner Zeitschrift für Soziologie und Sozialpsychologie**, 77(1), 27-52.

Holz, M., & Mayerl, J. (2024). Migrant Health Inequalities or Unequal Measurements? Testing for Cross-cultural and Longitudinal Measurement Invariance of Subjective Physical and Mental Health. **Methods, data, analyses: a journal for quantitative methods and survey methodology (mda)**, 18(1), 59-78.

Hertwig, M., **Holz, M.**, & Lorig, P. (2024). Solidarity and collective issues in remote crowd work: A mixed methods study of the Amazon Mechanical Turk online forum. **New Technology, Work and Employment**, 39(2), 281-302.

Buntfuß, N., **Holz, M.**, & Mayerl, J. (2023). Stability and Determinants of Social Acceptance of Innovative Sustainable Technologies. Evidence from a Two-Wave Panel Study. **ASK: Research & Methods**, 32(1).

Holz, M. (2022). Health inequalities in Germany: Differences in the 'Healthy migrant effect' of European, non-European and internal migrants. **Journal of Ethnic and Migration Studies**, 48(11), 2620-2641.

Holz, M., Mayerl, J., Andersen, H., & Maskow, B. (2022). How does migration background affect COVID-19 vaccination intentions? a complex relationship between general attitudes, religiosity, acculturation and fears of infection. **Frontiers in Public Health**, 10, 854146.

Asbrock, F., Mayerl, J., **Holz, M.**, Andersen, H. K., & Maskow, B. (2022). „AI Takeover... doesn't sound that bad!"—Authoritarian ambivalence towards artificial intelligence.

Holz, M., & Mayerl, J. (2021). Early days of the pandemic—The association of economic and socio-political country characteristics with the development of the COVID-19 death toll. **PLoS One**, 16(8), e0256736.

Conferences (selection)

Chair

Contextualizing surveys: Incorporating digital trace and media data. Conference: European Survey Research Association (ESRA). Utrecht. July 2025.

Contributions

Block, S./ **Holz, M.**/ Jaworeck, S./ Schwemmer, C (2024) Simplifying Sociology An Empirical Study on Readability and Its Impact on Sociological Research. Conference: Analytical Sociology: Theory and Empirical Applications. Venice. November 2024

Holz, M./ Mayerl, J./ Kriwy, P. (2024) Fear, scepticism, and infection: Exploring the dynamics of public perception trends and COVID-19 infection activity. Conference: Analytical Sociology: Theory and Empirical Applications 2024

Jaworeck, S./**Holz, M.** (2023) Different methods, but same results? A comparison of Causal Forest and Propensity Score Matching on health disparities between natives and migrants. Conference: Analytical Sociology: Theory and Empirical Applications. Venice. November 2023.

Holz, M./ Adebahr, P./ Mayerl, J./ Kriwy, P. (2023) Merging Survey, Epidemiological and Twitter Data: Challenges of data integration (and implications for model effects). Conference: European Survey Research Association (ESRA). Milano. June 2023.

Holz, M. / Mayerl, J. (2023). A gender jab gap? COVID-19 vaccination intention and the interplay of migration background and gender. Conference: Institute for Employment Research (IAB) Networking Meeting on Migration and Gender. Nuremberg. May 2023.

Holz, M./Mayerl, J. (2020). Can occupational segregation explain the healthy migrant effect? Job exposure as a determining factor of differences in health trajectories between migrants and native Germans using latent growth curve models. Conference: European Sociological Association of Research Network 21 Midterm Conference. Salamanca. November 2020. DOI: 10.13140/RG.2.2.11599.71841

Lorig, P./Hertwig, M./**Holz, M.** (2019). Solidarity and collective voice in the platform economy. Conference: International Labour and Employment Relations Association European Congress. Düsseldorf. September 2019

Holz, M./Mayerl, J. (2019). Comparing health of migrant and native populations: Testing intercultural and longitudinal measurement equivalence of the SF-12 using Structural Equation Modelling. Conference: European Survey Research Association Conference. Zagreb. July 2019. DOI:10.13140/RG.2.2.17091.35361

Holz, M. (2019). Health Inequalities in Germany: Assessing Differences in Health of Migrants and Native Germans Using a Propensity Score Matching Approach and the SF-12 Physical and Mental Health Scale. Conference: European Survey Research Conference. Zagreb. July 2019. DOI:10.13140/RG.2.2.27157.68325