

Anna-Victoria Holtz, M.Sc.

Contact information

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Education

Since October 2022 PhD student, Demography, University of Rostock, Germany
Topic: Heterogeneity in populations with neurodegeneration

October 2020 – October 2022 Master of Science, Demography, University of Rostock, Germany
Grade: 1,4 (top graduate of the graduation class)
Master thesis: Trends in Health Expectancy in Sweden at Age 50: An Analysis Based on the Survey of Health, Ageing and Retirement in Europe (SHARE) for 2004, 2017 and 2019/2020

October 2017 – September 2020 Bachelor of Arts, Social Science, University of Rostock, Germany
Grade: 1,8 (top graduate of the graduation class)
Bachelor thesis: The patient structure of the use of general services. An analysis based on the German Health Update (GEDA) study 2014-2015

Professional experience

Since October 2022 Research associate at the German Center for Neurodegenerative Diseases (DZNE), Bonn, Germany

October 2019 – July 2022 Student assistant at the Chair of Empirical Social Research and Demography at the University of Rostock, Germany

Additional training

Doctoral school

Since November 2022 International Max Planck Research School for Population, Health and Data Science (IMPRS-PHDS), Cohort 2022, MPIDR Rostock, Germany

Courses

22-26 September 2025 Causal Machine Learning (GESIS Fall Seminar in Computational Social Science 2025, online)

23 September 2024 Introduction to Statistical Learning (Helmholtz Summer School HIFIS, online)

17-18 September 2024 Introduction to Git and GitLab (Helmholtz Summer School HIFIS, online)

14-16 February 2024 First Steps with Python (Helmholtz Federated IT Services HIFIS, online)

05-09 February 2024 Foundations in Statistical Demography (IDEM 101 Course at the MPIDR, Rostock, Germany)

17 May 2023 ThinkData: Introduction to Administrative Register Data (IMPRS-PHDS elective course at the MPIDR, Rostock, Germany)

Computational skills

RStudio, Stata, Python, SPSS, Git, GitLab, MS Office, TYPO3, Wordpress

Languages

German, English, Spanish (basics)

Publications

Holtz, A.-V., Fink, A.; Tamgüney, G.; Doblhammer, G. (2024): Colonoscopy and Subsequent Risk of Parkinson's Disease. *Journal of Parkinson's Disease* 14(4): 747-760. DOI 10.3233/JPD-240017.

Georges, D.; Rakusa E.; Holtz, A.-V.; Fink, A.; Doblhammer, G. (2023): Dementia in Germany: epidemiology, trends and challenges. *J Health Monit* 8(3): 30–48. DOI 10.25646//11667.

Presentations and posters

Holtz, A.-V.; Gumà, J.; Permanyer, I.; Doblhammer, G.: Heterogeneity in Morbidity and Mortality Trajectories Among the elderly in Catalonia and Germany. Poster at the *Annual Meeting of the Population Association of America* (Washington DC, USA, 10.-13.04.2025)

Holtz, A.-V.: Healthcare Utilization Patterns Two Years After Dementia Diagnosis and Five-Year All-Cause Mortality in a Cohort of German Dementia Patients. Presentation at the *Kooperationstagung der GMDS, DGSMP, DGEpi, DGMS und DHPH – Gesundheit Gemeinsam 2024* (Dresden, Germany, 11-13.09.2024)

Holtz, A.-V.; Gumà, J.; Permanyer, I.; Doblhammer, G.: Heterogeneity in Multimorbidity and Dementia Trajectories in Old Age in Germany – A Study Based on Health Claims Data. Poster at the *Wittgenstein Centre Conference “Population Heterogeneities”* (Vienna, Austria, 06.-07.12.2023)

Holtz, A.-V.; Fink, A.; Tamgüney, G.; Doblhammer, G.: An association between colonoscopy and Parkinson’s disease? An event history analysis of German health claims data, Presentation at the 18th annual conference of the *German Association for Epidemiology (DGEpi)* (Würzburg, Germany, 26.-28.09.2023)

Holtz, A.-V.; Fink, A.; Tamgüney, G.; Doblhammer, G.: An association between colonoscopy and Parkinson’s disease? An event history analysis of German health claims data from 2006 to 2018. Poster at the *2nd CURE-ND Workshop for ECRs* (Leuven, Belgium, 20.-22.03.2023)

Holtz, A.-V.; Jasilionis, D.; Doblhammer, G.: Trends in der Gesundheitserwartung in Schweden im Alter 50 von 2004 bis 2017. Presentation at the annual conference of the *German Association for Demography (DGD)* (Universität Koblenz, Germany, 15.-17.03.2023)

Grants

DZNE Foundation, Travel Grant for *Annual Meeting of the Population Association of America* (Washington DC, USA, 10.-13.04.2025)

DZNE Foundation, Travel Grant for *Kooperationstagung der GMDS, DGSMP, DGEpi, DGMS und DHPH – Gesundheit Gemeinsam 2024* (Dresden, Germany, 11.-13.09.2024)

Research visits

28 October – 03 December 2024	Research visit at Centre d’Estudis Demogràfics (CED), Autonomous University of Barcelona, Spain, funded by IMPRS-PHDS
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