

# Anna-Victoria Holtz, M.Sc.

## Contact information

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Professional address: German Center for Neurodegenerative Diseases  
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## Education

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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

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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*

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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)
17 May 2023	ThinkData: Introduction to Administrative Register Data (IMPRS-PHDS elective course at the MPIDR)
Since November 2022	International Max Planck Research School for Population, Health and Data Science (IMPRS-PHDS), Cohort 2022, MPIDR Rostock, Germany

*Computer skills*

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

*Language skills*

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- German, English, Spanish (basics)

*Publications*

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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*

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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, 12.09.2024).

Holtz, A.-V.; Gumà, J.; Permanyer, Iñaki; 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, 07 December 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 18<sup>th</sup> annual conference of the *German Association for Epidemiology (DGEpi)* (Würzburg, Germany, 28 September 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 *CURE-ND Workshop* (Leuven, Belgium, 21 March 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, 16 March 2023).

### *Grants*

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DZNE Stiftung Travel Grant for the “Kooperationstagung der GMDS, DGSMP, DGEpi, DGMS und DHPH – Gesundheit Gemeinsam 2024“ (Dresden, Germany, 12.09.2024).

### *Research visits*

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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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