

Personal Details

Email `tmensing@uni-bonn.de`
Website <https://tmensing.com>
GitHub <https://github.com/timmens>

Education

2020 - **Ph.D. in Economics** - *Bonn Graduate School of Economics*
2018 - 2020 **Studies in Computer Science** - *University of Bonn*
2020 **M.Sc. Economics** (GPA: 1.1) - *University of Bonn*
 • Thesis: "On the Use of Surrogate Models in Structural Microeconometrics"
2018 **B.Sc. Economics** (GPA: 1.6) - *University of Bonn*
 • Thesis: "Implementation of Machine Learning Tests for Effects on Multiple Outcomes"

Projects & Working Papers

2023 - [Gender Role Attitudes and Couples' Labor Supply](#)
 — with Christian Zimpelmann
2022 - [Causal Inference with Functional Data](#)
 — with Dominik Liebl
2022 - [Tranquilo: A least-squares trust-region optimizer for noisy problems](#)
 — with Janos Gabler, Sebastian Gsell & Mariam Petrosyan

Publications

2021 [A wavelet method for panel models with jump discontinuities in the parameters](#)
 Journal of Econometrics, with Bada, O., Kneip, A., Liebl, D., Gualtieri, J., and Sickles R. C.

Employment

2022 - 2025 **Research Associate** at the Institute for Finance and Statistics (Uni Bonn)
 • Financed by the Hausdorff Center of Mathematics
2022 - 2022 **Research Assistant** at the Institute for Applied Microeconomics (Uni Bonn)
2018 - 2020 **Research Assistant** at the Institute for Finance and Statistics (Uni Bonn)
2019 & 2020 **Teaching** of an introductory R course (Uni Bonn)

Presentations & Workshops

Presented

- 2023 [Workshop on High-Dimensional Data Analysis](#) - Madrid, Spain
- 2022 [Statistische Woche](#) - Münster, Germany
- 2022 [Computational Statistics Conference](#) - Bologna, Italy
- 2022 [SciPy conference](#) - Austin, Texas
 - Joint with Janos Gabler, recording available [here](#)
- 2022 Workshop on numerical optimization with estimagic
 - Invited workshop at the Hoover Institute at Stanford University by Prof. Kenneth Judd
 - Joint with Janos Gabler

Participated

- 2021 [Computational Economics Workshop](#) - Zurich

Miscellaneous

Languages German (native), English (fluent)

Software [estimagic](#) - Core contributor

- Python package designed to facilitate the optimization and estimation of large models

[tranquilo](#) - Author

- Python package for the optimization of noisy least-square problems

[cforest](#) - Author

- Python package designed to estimate heterogeneous treatment effects

[econ-project-templates](#) - Contributor

- Python package designed to provide reproducible project templates

Organizer [OpenSourceEconomics Meetup](#)

- A recurring meetup to present computational work and discuss open-source tools

[OSE meets Industry](#)

- An event to discuss open problems in industry with researchers and students