

Henrika Langen

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EDUCATION

- 02/2019 – 09/2022 **PhD in Economics (final grade: summa cum laude)**
Université de Fribourg, Switzerland
Thesis: Essays on Causal Inference
Supervisors: Martin Huber (University of Fribourg), Robert Lieli (Central European University)
- 02/2022 – 08/2022 **Visiting PhD Student**
Central European University, Vienna, Austria
- 09/2017 – 06/2018 **Master in Economic Development and Growth (final grade: 8.6/10, thesis published in MEDEG Excellence Student Paper Series)**
Universidad Carlos III de Madrid, Spain
Thesis: Why do businesses operate in the informal sector? – A composition analysis of the informal business sector in Sub-Saharan Africa
- 10/2013 – 11/2016 **B.Sc. Mathematical Economics (final grade: 2.0)**
Technical University of Dortmund, Germany (10/2013-02/2015) and Complutense University of Madrid, Spain (09/2015-07/2016)
Thesis: Bureaucratic Corruption as a Multi-Person Game with Incomplete Information – Further Development of the Equilibrium Queuing Approach
- 10/2010 – 03/2013 **B.A. Political Science (final grade: 1.4, Faculty Prize for the Excellent Course of Studies 2013)**
Otto-Friedrich-University of Bamberg, Germany
Minor subjects: Economics and Statistics
Thesis: Integrating Network Theory into Two-Level Games – A Computer Simulation

PROFESSIONAL EXPERIENCE

- SINCE 05/2023 **Researcher**
Higher Education Research Group
Institute for Advanced Studies (IHS), Vienna, Austria
- 09/2022 – 04/2023 **Postdoctoral Researcher**
PREDICT Consortium
University of Helsinki, Finland
- 02/2019 – 08/2022 **Research and Teaching Assistant**
Chair of Applied Econometrics & Evaluation of Public Policies,

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|-------------------|--|
| | Université de Fribourg, Switzerland |
| 11/2016 – 07/2017 | Statistical Officer in Service and Financial Service Statistics Federal Office of Statistics, Bonn, Germany |
| 10/2015 – 12/2015 | Consultant of the Municipal Finance Unit of UN-Habitat United Nations Urban Settlements Programme (UN-HABITAT), part-time, home office |
| 03/2015 - 08/2015 | Intern at the Municipal Finance Unit of UN-Habitat United Nations Urban Settlements Programme (UN-HABITAT), Nairobi, Kenya |
| 10/2014 - 03/2015 | Mathematics Tutor for Engineering Students Technical University of Dortmund, Germany |
| 05/2011 - 02/2013 | Research Assistant in the Department of Political Theory Otto-Friedrich-University of Bamberg, Germany |

RESEARCH

PUBLICATIONS

Timing matters: the impact of response measures on COVID-19-related hospitalization and death rates in Germany and Switzerland. *Swiss Journal of Economics and Statistics* 156, 10 (2020). (<https://doi.org/10.1186/s41937-020-00054-w>, with Martin Huber)

Causal mediation analysis with double machine learning. *The Econometrics Journal* (2022) (<https://doi.org/10.1093/ectj/utac003>, with Helmut Farbmacher, Martin Huber, Lukáš Laffèrs and Martin Spindler)

How Causal Machine Learning can Leverage Marketing Strategies – Assessing and Improving the Performance of a Coupon Campaign. *PLOS One* (2023) (<https://doi.org/10.1371/journal.pone.0278937>, with Martin Huber)

WORKING PAPERS

The Impact of the #MeToo Movement on Language at Court - A text-based causal inference approach

Methods for Retrieving Grouped Local Average Treatment Effects with an Application to the Effect of Imprisonment on Recidivism (with Nicolas Apfel, Helmut Farbmacher and Martin Huber)

WORK IN PROGRESS

Effects of Teacher Strike on Student Short- and Long-term Outcomes (with Liisa T. Laine)

REFEREEING

Journal of the Royal Statistical Society, Empirical Economics, Meeting of Young Economists, Econometric Reviews

SEMINARS & CONFERENCES

Limassol HiTEc workshop 2023, Helsinki GSE Lunch Seminar, Zalando Internal Seminar, Causal Data Science Meeting 2022, SSES Annual Congress 2022, University of Fribourg Cookie Seminar, CEU Brownbag Seminar 2022, SKILS (Ski & Labor Seminar) 2022, 15th International Conference on Computational and Financial Econometrics, 19th Brucchi Luchino Labor Economics Workshop, Causal Data Science Meeting 2021, Swiss Public Health Conference 2021, IAAE 2021 Annual Conference, Conference of the Swiss Society of Health Economics, Causal Machine Learning Workshop, University of Fribourg PhD Seminar

VOLUNTARY EXPERIENCE

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|-------------------|---|
| 08/2014 – 10/2014 | Teaching and administration, Nicolas Robinson School, Mekelle, Ethiopia |
| 03/2013 – 09/2013 | Coordination and support of the volunteer program in the soup kitchen of the Hermanas de Madre Teresa de Calcutta, Bogotá, Colombia |
| 10/2010 – 02/2015 | Athletics coach for children aged 6 to 12 in local athletics clubs, Bamberg and Dortmund, Germany |
| 03/2010 – 06/2010 | Work in the field of disability and inclusion, Ardeen Cheshire Home, Shillelagh, Ireland |

SKILLS

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| IT Skills | R , MS Office, LaTeX | advanced |
| | Stata , SPSS | intermediate |
| | Python , SAS | basic knowledge |
| Language Skills | German | native speaker |
| | English | fluent (C1) |
| | Spanish | intermediate (B2) |
| | French | intermediate (B1) |

Vienna, 2nd May 2023