

Aaron Lohmann

PHD STUDENT IN ECONOMICS AT UNIVERSITY BIELEFELD AND IFW KIEL

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Personal Profile

I am an empirical economist working on better understanding of international trade, digital supply chains and digital economics. Highly interested in causal inference methods and excited about clear and concise research.

Education

Bielefeld University and IfW Kiel *Bielefeld and Kiel, Germany*

PhD in Economics at chair of international economics (University Bielefeld) and Group of international trade and investment (IfW Kiel) *Oct 2022 - Current*

- International trade, digital trade, digital supply chains, causal inference
- Projects: Rethink-GSC, International trade in software economics, Knowledge spillovers in the digital economy
- Courses: Microeconomics I, Microeconomics II, Macroeconomics I, Agent-Based Modelling, Data Science in Economics

University Göttingen *Göttingen, Germany*

MSc in Applied Statistics *Oct 2020 - Oct 2022*

- Statistical Inference, Econometrics (Time Series), Economics (International and Development Economics), Causal Inference
- Projects: R-package to implement Bayesian Lasso regression, Implementation of statistical identification of MGARCH models
- Thesis: Implementation and Application of narrative Sign restriction: A method for identifying SVAR models
- Grade: 1.4 (German scale: Very Good)

NOVA SBE Lisbon *Lisbon, Portugal*

Semester Abroad *Aug 2018 - Jan 2019*

- Industrial Organisation, European Law, Economic History

Bielefeld University *Bielefeld, Germany*

BSc in Economics and Statistics *Oct 2016 - Oct 2019*

- Business Administration, Economics, Statistics, Econometrics
- Thesis: Modelling financial time series: A comparison of volatility models
- Grade: 1.3 (German scale: Very Good)

Work Experience

IfW Kiel and University Bielefeld *Bielefeld and Kiel, Germany*

Researcher at chair of international economics (University Bielefeld) and group of international trade and investment (IfW Kiel) *Oct 2022 - current*

- Economic research on international trade, digital trade, digital economics, knowledge economy, theoretical and empirical research.
- Technical Skills: R, Git, LaTeX, Markdown, API, Spatial data

Chair of Econometrics, Prof. Herwartz, University Göttingen *Göttingen, Germany*

Research Assistant - Chair of Econometrics *Dec 2021 - Sept 2022*

- Implementation of statistically identified SVAR identification in R, Replication of published studies with new identification schemes.
- Technical Skills: R, Git, Time Series, Multivariate Time Series, SVAR

Chair of Development Economics, Prof. Fuchs, University Göttingen *Göttingen, Germany*

Research Assistant - Chair of Development Economics *June 2021 - Aug 2022*

- China in Africa Project, work with diverse set of datasets (Night light, agricultural data, urbanisation data) for most of African countries.
- Technical Skills: R, Python, LaTeX, Markdown, Spatial data, economic research

Chair of Statistics, Prof. Kneib, University Göttingen *Göttingen, Germany*

Research Assistant - Chair of Statistics *Dec 2020 - May 2021*

- Update figures and code examples for new edition of textbook "Regression - Models, Methods, Applications"
- Technical Skills: Git, LaTeX, R

IMK - Düsseldorf *Düsseldorf, Germany*

Intern Economic Research *Apr 2019 - Jul 2020*

- Building tools (R) to evaluate recession prediction model, data collection and analysis for CO2 forecast for Germany, work on spatial data.
- Technical Skills: R, gretl, Visual Basic, Python, Time Series

Hannover Re - Reinsurance Firm

Hannover, Germany

Intern Underwriting

Sept 2019 - Mar 2020

- Analysis of reinsurance contract in the aviation and space reinsurance business, negotiations with international reinsurance brokers
- Technical Skills: Excel, R, Actuarial Analysis .

Teaching

Reading Course in Statistical Sciences: Causal Inference

Bielefeld, Germany

University Bielefeld

Apr 2023 - Jul 2023

- Master level seminar.
- Introduction of causal inference techniques and discussion of empirical papers in the field of economics.

Skills

Programming R (Time series, multivariate time series, package development, causal inference, visualisation), Python, Git, LaTeX

Miscellaneous Microsoft Office, Git

Achievements

2020 Scholarship, Niedersachsenstipendium

Lower-Saxony,
Germany

Languages

English Professional proficiency

German Native proficiency

References available upon request.