JULIAN STREYCZEK

PhD Candidate in Economics

Contact -

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julianstreyczek.github.io

JulianStreyczek

in julian-streyczek

Skills

Causal inference: Generalized linear models, difference-indifferences, instrumental variables, regression discontinuity, causal forests, debiased machine learning, matching, synthetic controls, censoring, bootstrapping

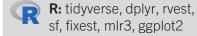
ML: Random forests, boosting, penalization, cross-validation, hyper-parameter tuning, optimization, clustering, transformers, dimensionality reduction, feature engineering

Other: Cloud computing, APIs, prompt engineering, natural language processing, web scraping, embeddings, parallelization

Coding



Python: pandas, numpy, sklearn, xgboost, sqlite3, gensim, spacy, BERTopic, openai, requests, bs4, matplotlib, seaborn







Languages

- **German** (native)
- English (fluent)
- Italian (basic)

Education

B

PhD Economics, Bocconi University, Italy

Sep 2020 - Jan 2026

- *Thesis:* Applied a diverse set of statistical methods to extract causal insights from complex observational data
 - Demonstrated that paywalls on US newspaper websites reduced political engagement by shifting news consumption patterns
 - Designed and implemented a novel strategy to identify effects of academics' Twitter usage on productivity, networks, and topics
 - Led and coordinated a team of ten research assistants
- Advisors: Guido Tabellini, Carlo Schwarz, Luca Braghieri
- Awards: German Academic Scholarship Foundation, Bocconi PhD Merit Scholarship, Invernizzi Scholarships 2024, 2025



Visiting Fellow, Harvard University, United States J

Jan - May 2025

• Host: Jim Snyder



MSc Economics, Mannheim University, Germany

2018 - 2020

- *Thesis:* Extended regression discontinuity methods to high-dimensional settings by incorporating Lasso variable selection
- Grade: 1.0 / 5.0 with distinction



BSc Economics, Mannheim University, Germany

2014 - 2018

- *Thesis:* Showed inverse-u relationship between competition and innovation among apps using description text-based clustering
- *Grade:* 1.4/5.0 (top 10%)



Abitur, Internatsschule Schloss Hansenberg, Germany

2014

• Skipped grades 3 and 9 within programs for gifted students

Work Experience

B

Teaching & Research assistant, Bocconi University, Italy

- *Teaching:* Created and delivered lectures teaching complex Since 2021 applied and theoretical concepts to graduate and undergraduate students; supported instruction and assessments
- Research: Analyzed large administrative data to generate insights into drivers of individuals' relocation decisions

2022

ZEW

Research assistant, ZEW — Leibniz Institute for European Economic Research, Germany

2018 - 2019

 Supported research on competitive practices on online booking platforms and app stores by conducting data cleaning, visualization, analysis, and presentation



Consulting Intern, EY Innovalue, Germany

2018

- Engaged directly with clients to deliver market insights and supported strategic decisions for payment technology provider
- Optimized credit card contracts for international bank

Other

• Violinist at University Orchestra Mannheim

2015 - 2019 2014 - 2019

 Member & Elected Representative at Student Union Economics, University of Mannheim

2015 - 2017

• Certified skiing instructor in Tyrol, Austria

2025-10-21