JULIAN **STREYCZEK**

Contact ---------------------

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🌐 julianstreyczek.github.io

○ JulianStreyczek

in julian-streyczek

Skills -----------------------

Causal inference: Difference-in-differences, regression discontinuity, causal forests, DML, instrumental variables, matching, duration analysis, censoring, bootstrapping

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

Other: Prompt engineering, natural language processing, embeddings, web scraping, API querying, HPC, parallelization

Coding ---------------------

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

R: tidyverse, dplyr, rvest, sf, fixest, mlr3, ggplot2

Tools: GitHub, PyCharm, Slurm, BigQuery, MTurk

Other: SQL, Git, Stata, Matlab, LaTeX, Julia, HTML, CSS, Docker

Languages -----------------

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

Design: Matteo Courthoud

Education

PhD Economics, Bocconi University, Italy   **Sep 2020 - Jan 2026**
- *Thesis:* Reduced-form causal inference on topics in digital media, science, and politics
  - Used staggered diff-in-diff to show that paywalls on US newspapers reduced political informedness and participation in elections
  - Developed a novel peers-based instrument for Twitter usage among scientists to show effects on productivity, networks, and research topics
- *Advisors:* Guido Tabellini, Carlo Schwarz, Luca Braghieri
- *Awards:* Doctoral Scholarship by German Academic Scholarship Foundation, Bocconi PhD Merit Scholarship, Invernizzi Scholarship

Visiting Student, Harvard University, United States   **Jan - May 2025**
- *Host:* Jim Snyder

MSc Economics, Mannheim University, Germany   **2018 - 2020**
- *Thesis:* Developed a regression discontinuity estimator that selects among high-dimensional covariates via Lasso
- *Grade:* 1.0 with distinction

BSc Economics, Mannheim University, Germany   **2014 - 2018**
- *Thesis:* Clustered Play Store apps by textual descriptions to show inverse-u relationship between competition and innovation
- *Grade:* 1.4 (top 10%)

Abitur, Internatsschule Schloss Hansenberg, Germany   **2014**
- *Grade:* 1.4
- *Other:* Skipped grades 3 and 9 within programs for gifted students

Work Experience

Research & Teaching assistant, Bocconi University, Italy
- *Research:* Data cleaning and regression discontinuity   **2022**
analyses on large administrative data on connection between political polarization and labor reallocation
- *Teaching:* TA Political Economy (Graduate),   **2023 - 2024**
TA Microeconomics (Undergraduate)   **2021 - 2025**

Research assistant, ZEW — Leibniz Institute   **2018 - 2019**
for European Economic Research, Germany
- *Tasks:* Empirical analyses on projects in digital economics and empirical industrial organization

Intern, EY Innovalue, Germany   **2018**
- *Topic:* Strategy consulting - financial technology
- *Tasks:* Conduct market analyses on players and trends in the European market for payment technologies, Optimize credit card contracts for international bank

Other

- Violinist at University Orchestra Mannheim   **2015 - 2019**
- Member & Elected Representative at Student Union   **2014 - 2019**
Economics, University of Mannheim
- Certified skiing instructor   **2015 - 2017**