



# JULIAN STREYCZEK

## Contact -----

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## Skills -----

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

**ML:** Random forests, text regression, penalization, cross-validation, clustering

**Other:** Natural language processing, web scraping

## Coding -----

🐍 **Python:** numpy, pandas, sqlite3, requests, bs4, gensim, spacy, sklearn, matplotlib

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

📊 **Stata:** reghdfe, ivreghdfe, csdid, rdrobust, psmatch, estout

🔧 **Tools:** GitHub, BigQuery, MTurk

**Other:** LaTeX, SQL, Matlab, Julia, Git, HTML, CSS

## Languages -----

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

## Education

**B** **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:** PhD Merit Scholarship, Doctoral Scholarship by German Academic Scholarship Foundation, 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

**B** **Research & Teaching assistant, Bocconi University, Italy**

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

**ZEW** **Research assistant, ZEW – Leibniz Institute for European Economic Research, Germany** 2018-2019

- **Tasks:** Empirical analyses on projects in digital economics and empirical industrial organization

**EY** **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 Economics, University of Mannheim 2014-2019
- **Certified skiing instructor** 2015-2017