

Jeremias Klaeui

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Doctoral studies

London School of Economics and Political Science

London, UK

Visiting researcher

Sep 2022 - April 2023

- Research visit at the Centre for Economic Performance
- Host: Alan Manning

HEC, University of Lausanne

Lausanne, CH

PhD in Economics

Sep 2019 - current

- Completed the Swiss Program for Beginning Doctoral Students in Economics at the Study Center Gerzensee. Final grade: 5.75/6.0
- Teaching assistant in Econometrics on MSc level

KOF, ETH Zurich

Zurich, CH

Visiting researcher

Jan - Mar 2022

- Research visit at the Swiss labour market research division
- Host: Michael Siegenthaler

Pre-doctoral studies

University College London

London, UK

MSc Economic Policy – Final grade: Distinction

Sep 2016 - Sep 2017

University of Basel

Basel, CH

BA Business (Minor) and Economics (Major) – Final grade: 5.7/6.0

Aug 2013 - Jan 2016

Relevant work experience

Swiss National Bank

Zurich, CH

Research Assistant, International Policy Analysis unit

Jun 2018 - Jul 2019

- Econometric and economic analysis for research and policy documents. Data editing, analysis and database management in Stata, R, Excel and Java (Groovy). Topics include: household saving and investment behaviour, global imbalances, the IMF External Sector Report, the Swiss external balance.

jkweb ag

Basel, CH

Co-founder and manager

2011 - 2016

- Co-founder and manager of a web design & web applications company with currently 44 full and part-time employees. Strategic decisions, project management, client consulting and web programming in PHP, JS, SQL, HTML.

SRF Swiss Radio&TV, Basellandschaftliche Zeitung

Basel, CH

Internships in journalism

September 2012 - January 2013

Academic projects

Labor Demand and Supply Across Occupational Boundaries

with *Daniel Kopp, Rafael Lalive, Michael Siegenthaler*

in progress

- I construct an index of similarity between occupations based on requirements from the near-university of vacancy postings
- We analyse the factors on both the firms' and the workers' side of the Swiss labour market that influence workers' possibilities to change occupations.
- We use a unique combination of online vacancy data and click data from recruiters and jobseekers on job-room.ch matched with administrative data from the Swiss unemployment register (AVAM).

Firm-level labour market power

with *Ihsaan Bassier, Alan Manning*

in progress

- We use workers' job search sopes to analyse the market power a firm has over an individual worker and how this affects labour market outcomes in Switzerland
- We use a unique combination of online click data from jobseekers on job-room.ch matched with administrative data from the Swiss unemployment register (AVAM). We further use jobseeker click data from a range of private job portals

Policy projects

Effects of different types of unemployment benefit sanctions

with *Patrick Arni, Boris Kaiser (BSS), Rafael Lalive, Markus Wolf*

in progress

- Commissioned by the Swiss State Secretariat for Economic Affairs
- I will contribute by using admin data and job platform click data to measure the effect of sanctions on search effort

Swiss Job Tracker

with *Matthias Bannert, Daniel Kopp, Michael Siegenthaler, Severin Thoeni, Joe Winkelmann*
launched Dec 2022

- A real-time index of open vacancy postings in Switzerland aggregating scraped data from 70 job portals and 50K company webpages.
- I implemented an algorithm that deals with scraper issues and unstable job portals in real-time to obtain a clean index
- Dashboard. Github page with open-source R-code. Media coverage example

Die Schweizer Selbständigerwerbenden im Covid19-Lockdown.

with *Marius Brühlhart, Rafael Lalive, Michael Siegenthaler*

Two waves, Apr & Oct 2020

- Data sources: Survey among self-employed
- Media coverage in NZZaS. [Link](#)

Demographics and household savings over the life-cycle

with *Miriam Koomen*

2018

- Data sources: Swiss Household Budget Survey (HABE)
- Presented at internal seminar, Swiss National Bank, November 2018.

Technical skills & languages

- Used on a daily basis: *R (data.table, fixest, ggplot2, kable, parallel), Git, L^AT_EX*
- Also used for research: *R (glmnet, sf, ranger, caret, tm, word2vec, fuzzyjoin, dplyr and many more), SQL*
- Used on a daily basis in the past: *STATA (SNB and first year PhD for economic research); Java (at SNB); PHP, HTML, CSS, JavaScript, SQL (for frontend and backend web development); Python (for my high school thesis)*
- Experience in project and people management gathered managing my own company and during the PhD (a.o coordinating and instructing research assistants)
- Experience in exchange with Swiss administration for data deliveries and study quotations
- Languages: *German (native), English (fluent), Spanish (proficient), French (proficient), and Italian (basic knowledge)*

Extracurricular

- Team captain of the winning team from Lausanne of the 2022 Econometric Game (previous winners include Cambridge, Harvard and Oxford University). Topic: Report on the determinants of the recent surge in inflation including policy recommendations.
- Part of the advisory committee of the Swiss foundation CH2048
- Voluntary work in Leon, Nicaragua: English teaching in public schools, tutoring in Spanish, English, and mathematics
Jan - May 2013