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 between occupations based on require-
    ments 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 Brülhart, 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, LaTeX*
– 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