Etienne Bacher

11, Porte des Sciences,

Maison des Sciences Humaines

L-4366 Esch-sur-Alzette, Luxembourg

etienne.bacher@protonmail.com

www.etiennebacher.com

github.com/etiennebacher

Current position

May 2025 – present	Research Associate	LISER, Luxembourg

- I work on the INSKILL project, specifically on mapping AI adoption in Europe through big data.
- I apply machine learning methods and Large Language Models on millions of websites of European companies to determine whether they use AI and if so, how they use it.

Education

2020 – 2024	PhD in Economics	LISER, Luxembourg

- Topic: "Cross-border labor mobility, attitudes and political preferences"
- Thesis committee: Michel Tenikue, Michel Beine, Hillel Rapoport

2024 (April – June)	Visiting PhD student at the London School of Economics (sponsor: Dr. Sandra Sequeira)	London, UK
2018 – 2020	Master's Degree in Development Economics	CERDI, Clermont-Ferrand, France
2017 – 2018	Bachelor's Degree in Development Economics	CERDI, Clermont-Ferrand, France

Working papers

- "Populist leaders and international migration"

- "Migrant voices", *with Martín Fernández*

- "Estimating the impact of xenophobia on immigration: evidence from terrorist attacks", *with Michel Beine and Hillel Rapoport*

Publications

1. Brodeur, A., Mikola, D., Cook, N., ..., **Bacher, E.**, ... (2024). Mass Reproducibility and Replicability: A New Hope, *IZA Discussion Paper Series* n°16912

2. **Bacher, E.**, Herrera-Rodriguez, M., Marino Fages, D., Stips, F., (2023). A Replication of Jones & Marinescu (2022), *I4R Discussion Paper Series* n°80

3. Patil, I., Makowski, D., Ben-Shachar, M. S., Wiernik, B., **Bacher, E.**, Lüdecke, D., (2022). datawizard: An R Package for Easy Data Preparation and Statistical Transformations. *Journal of Open Source Software*, 7(78), 4684, https://doi.org/10.21105/joss.04684

Computer skills

Advanced: R

- Author or maintainer of several R packages: datawizard, tidypolars, flir.

- Significant contributions to several R packages: [marginaleffects](#), [polars](#), [insight](#).
- Teaching:
  - University of Innsbruck (May 2025): 3-day workshop on webscraping and handling large data with R and Python.
  - LISER (2022, 2023): workshop on "Webscraping with RSelenium", handling large data with Python and R, using version control for research projects, applying good research practices with R.

Intermediate: Python, Rust, Stata, LaTeX

Basic: Matlab

Misc: Ubuntu/Linux

CONFERENCES & WORKSHOPS

2024: Workshop on "The Economic, Social and Political Effects of Migration" (Leiden), Online Junior Seminar on the Economics of Migration, 8th Conference on "Understanding voluntary and forced migration", LSE Graduate Economic History Seminar, 2nd Junior Workshop on the Economics of Migration, European Economic Association-ESEM

2023: Canazei Winter School on Inequality, Social Norms, and Migration, "Migration and Politics: Current and Future Challenges" workshop, LISER internal seminar

2022: "Globalization, Attitudes and Populism" workshop, 1st LUX-ERC workshop

2021: Population Association of America (Discussant)

OTHER ACTIVITIES

- Co-organizer of the [online Economics of Migration Junior seminar](#) (2021-2024)
- Member of the scientific committee of the (in-person) Junior Workshop on the Economics of Migration (2023, 2024)
- Referee: *International Journal of Manpower*
- Teaching Assistant in International Economics (Fall 2021, 2022, 2023), *3rd year Bachelor* (Prof. Michel Beine)

OTHER WORK EXPERIENCE

2020 (2 months)	Internship as research assistant	CERDI, Clermont-Ferrand, France

- Built a dataset on the sovereignty of small islands.
- Created an application with R Shiny to explore this dataset.

2019 (2 months)	Internship as research assistant	High-Commission for Planning, Rabat, Morocco

- Production of a report: "Labor market and poverty in Morocco" (in French & English)
- Made the literature review, treated survey data, applied econometric methods using Stata on about 200,000 observations, and contributed to the writing.

LANGUAGES

French (native), English (fluent, IELTS: 8.5), Spanish (basic)