

Lukas F. Mann

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|------------------------|--------------|-----------------------|--------------|
| Placement Director | Owen Zidar | ozidar@princeton.edu | 609-258-2791 |
| Graduate Administrator | Laura Hedden | lhedden@princeton.edu | 609-258-4006 |

Graduate Studies

Princeton University

2018-present

PhD Candidate in Economics

Expected Completion Date: May 2024

REFERENCES

Professor Gianluca Violante
Department of Economics
Princeton University
609-258-4003
violante@princeton.edu

Professor John Grigsby
Department of Economics
Princeton University
john.grigsby@princeton.edu

Professor Richard Rogerson
Department of Economics
Princeton University
rdr@princeton.edu

Prior Education

University of California at Berkeley

2017-2018

GESEP exchange with the University of Bonn, completion of first year PhD course work

University of Bonn

2014-2017

B.Sc. in Economics (1.0, with distinction)

Job Market Paper

“Spatial Sorting and the Rise of Geographic Inequality”. 2023.

I show that unobserved sorting patterns of firms and workers across space can account for the tight link between rising aggregate wage inequality and rising spatial inequality in West Germany. Two-sided sorting patterns of workers and firms interact with a change in technology to produce a spatially concentrated increase in inequality, driving up regional disparities. These sorting patterns are determined jointly in equilibrium and depend on theoretical objects that are difficult to measure in the data. This paper develops a novel bi-clustering method to recover these objects empirically and uses these results to structurally estimate a dynamic spatial search model with two-sided sorting. I find that regional sorting of firms is more pronounced than regional sorting of workers and the former is an important determinant of workers' job ladders and lifetime values. Compensating differentials between regions are large, driven in part by better labor market outcomes in rich places. The model allows me to consider the redistributive effects of spatial policy, which I find to be strong.

Working Papers

- “Labor Market Selection and the Dynamics of a Recovery”. 2023. *Revise & Resubmit, JPE:Macro*
- “Learning about Labor Markets”. Joint with Jake Bradley. 2023. *Reject & Resubmit, JME*

Work in Progress

- “Job Amenity Shocks and Labor Reallocation”. Joint with Sadhika Bagga, Aysegul Sahin, and Gianluca Violante. 2023.

Pre-doc publications

- “A new IV approach for estimating the impact of macroprudential instruments”. Joint with Niklas Gadatsch and Isabel Schnabel. 2018. *Economics Letters*

Research Experience

- 2019 Research Assistant to Prof. Gianluca Violante
- 2018 Trainee, Directorate International, European Central Bank
- 2017 Research Assistant, German Council of Economic Experts (Sachverständigenrat)

Teaching

- Princeton* Macroeconomic Theory (graduate)
- Computational Methods for Economists (graduate)
- Junior Independent Work
- Introductory Microeconomics
- Bonn* Introductory Macroeconomics
- Real Analysis

Professional Activities

Presentations and Seminars (including scheduled)

- 2023 ASSA meetings (New Orleans), 5th QMUL PhD Workshop (QMUL), North American Summer Meetings of the Econometric Society (UCLA), Society for Economic Dynamics (SED) Annual Meeting (Cartagena,CO), Stanford Institute for Theoretical Economics (SITE) (Stanford), Richmond Fed
- 2022 Junior Search and Matching Workshop (Essex, RHUL, Bristol), Young Economist Symposium (Yale), 1st PhD Workshop on Macroeconomic Expectations (Barcelona), Economics Graduate Student Conference (WashU St Louis)

Refereeing

American Economic Journal: Macroeconomics, Econometrica

Honors, Scholarships, Fellowships, and Grants

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| Program for Research on Inequality | 2023 |
| Princeton University Fellowship in the Humanities and Social Sciences and Departmental Fellowship | 2018-2024 |
| Deutschlandstipendium (Germany scholarship) | 2015-2017 |

Languages

German (native), English

Programming languages

Advanced: Julia, R, Stata. Basic: Matlab, Python

Last updated: September 2023