# Lennard Schlattmann

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Last updated: November 2024

### Research Interests

Quantitative Macroeconomics, Climate Change, Public, and Labor Economics

#### Education

PhD Economics, University of Bonn Research visit at the University of Minnesota

10/2021 - present 09/2023 - 12/2023

Master Economic Research, University of Bonn (GPA: 1.5/1.0)

2019 - 2021

MSc Economics, University of Mannheim (GPA: 1.2/1.0) Exchange Semester at Universitat Autònoma de Barcelona

2017 - 2019

**BSc Economics**, University of Mannheim (GPA: 1.6/1.0)

2014 - 2017

Exchange Semester at the University of North Carolina at Greensboro

### References

Professor Moritz Kuhn University of Mannheim mokuhn@uni-mannheim.de +49 (0)621-181 1929

Assistant Professor Pavel Brendler University of Nottingham pavel.brendler@nottingham.ac.uk  $+44\ 1157\ 487138$ 

Professor Christian Bayer University of Bonn christian.bayer@uni-bonn.de +49 (0)228-73 4073

#### Job Market Paper

### Spatial Redistribution of Carbon Taxes

[Link to paper]

**Abstract**: Policies to slow down climate change are high on the policy agenda and their distributional consequences are actively debated. This paper makes two contributions to this discussion. First, it empirically identifies the spatial dimension between rural and urban households as important for the distributional consequences of carbon taxes, as annual carbon footprints of German households in rural areas are 2.2 tons higher than those of urban households, around 12 percent of an average household's carbon footprint. Second, I build a quantitative spatial general equilibrium model to evaluate different policies of recycling carbon tax revenues with respect to their redistributive effects and their political support along the transition towards clean technologies. I find that rebating carbon tax revenues back as lump-sum transfers redistributes from rural to urban households. For a carbon tax of 300 Euros per ton, the difference in the present value of net transfers amounts to 8,000 Euros. By contrast, placebased transfers avoid this spatial redistribution without reducing the speed of transitioning to clean technologies. This has important implications for the political support of these policies, as place-based transfers allow to set higher carbon taxes under the constraint that the policy is beneficial for a majority of households in both regions. Last, carbon taxes have sizeable general-equilibrium effects on housing prices as prices for clean, non-emitting houses increase by 5 percent, whereas those for dirty, carbon emitting houses decrease by the same amount.

## Working Papers

Distributional consequences of Climate Policies, with Moritz Kuhn

[Link to paper]

R&R American Economic Journal: Macroeconomics

Regional Labor Demand, Occupational Persistence and Social Mobility in Germany

[Link to paper]

## Work in Progress

Spatial Structural Change and Labor Mobility with Georg Duernecker [Link to abstract]

Distributional Effects of Climate Policies along the Liquid Wealth Distribution [Link to abstract]

#### Conferences & Seminar Presentations

2024: Verein fuer Social politik, 38th Meeting of the European Economic Association, University of Bonn PhD seminar, 2nd Bonn-Frankfurt-Mannheim PhD Conference, ZEW Public Finance Conference, 1st Bonn-Berlin PhD Workshop, CESifo/ifo Junior Workshop on Energy and Climate Economics, 17th RGS Doctoral Conference in Economics

2023: Macro-Micro Student Workshop at the University of Minnesota, Workshop on Families, Human Capital, and Inequality, 13th ifo Conference on Macroeconomics and Survey Data, University of Bonn PhD seminar, 3rd Catalan Economic Society Conference, 1st Bonn-Frankfurt-Mannheim PhD Conference, 16th RGS Doctoral Conference in Economics

**2022**: Summer School "Financial Intermediation and Macroeconomic Analysis", University of Bonn PhD seminar, IDOS Workshop: Economic Research for Development & Sustainability

## **Teaching**

Macroeconomics A (Bachelor), University of Bonn

Fall 2021, 2022

Teaching Assistant for Moritz Kuhn

Evaluations: 2021: no evaluation, 2022: evaluation

Macroeconomics B (Bachelor), University of Bonn

Spring 2021, 2022, 2023

Teaching Assistant for Thomas Hintermaier

Evaluations: 2021: no evaluation, 2022: evaluation, 2023: evaluation

#### Grants & Scholarships

Best Tutor Award, University of Bonn Fall 2022
PhD Scholarship, German Research Foundation 10/2019 - present

## Additional Coursework

**EABCN Training School - "The Macroeconomics of Climate Change"**Online, 2022 taught by John Hassler and Per Krusell

Summer School "Financial Intermediation and Macroeconomic Analysis" Bonn, 2022 taught by Dean Corbae and Vincenzo Quadrini

Summer School "Macroeconomics of Inequality" Bonn, 2022 taught by Kurt Mitman and Florin Bilbiie

## Languages & Software

Software: Julia, Matlab, Stata, Python

Languages: German (native), English (fluent), Spanish (basic, A2), Dutch (basic, A1)