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Research Interests

Quantitative Macroeconomics, Climate Policies, Public, and Labor Economics

Education

PhD Economics , University of Bonn	10/2021 - present
Research visit at the University of Minnesota	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)	2017 - 2019
Exchange Semester at Universitat Autònoma de Barcelona	
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
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Job Market Paper

Spatial Redistribution of Carbon Taxes [[Link to paper](#)]

Abstract: Policies to mitigate climate change are high on the political agenda and their distributional effects are actively discussed. 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 effects of carbon taxes, as rural households in Germany have a carbon footprint 2.2 tons larger than comparable urban households, about 12 percent of the average carbon footprint. Second, I build a quantitative spatial general equilibrium model to evaluate different policies of rebating carbon tax revenues in terms of their redistributive effects and their political support along the transition to clean technologies. I find that rebating carbon tax revenues as lump-sum transfers redistributes on average 8,000 Euros from rural to urban households, and thus finds a political majority only in the urban region. In contrast, place-based transfers which are set to avoid any spatial redistribution do not reduce the speed of transitioning to clean technologies and find political majorities in both regions. Finally, carbon taxes have sizeable general equilibrium effects on housing prices, mitigating the heterogeneous impact of the tax across space by a quarter as they increase urban relative to rural rents. In addition, they increase prices of non-emitting houses by 5 percent, while decreasing those of carbon-emitting houses by the same amount.

Working Papers

Distributional consequences of Climate Policies, with Moritz Kuhn <i>R&R American Economic Journal: Macroeconomics</i>	[Link to paper]
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 Socialpolitik, 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)