Alexandros Gilch

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Research Interests

Macroeconometrics, Computational Economics, International Macroeconomics

Education

2020 – present	**Economics PhD, Bonn Graduate School of Economics**
2017 – 2020	M.Sc. Mathematics, University of Bonn
2016 – 2017	Visiting Student, University of Warwick
2014 – 2017	B.Sc. Mathematics, University of Göttingen

Work in Progress

Alexandros Gilch, Andreas Lanz, Philipp Müller, Gregor Reich, and Ole Wilms.
"Small Data": Efficient Inference with Occasionally Observed States.
R&R at *Management Science*

Christan Bayer, Alexandros Gilch and Farzad Saidi
Financial Sanctions Interact(ed) with Trade Sanctions

Publications

Alexandros Gilch, Michael Griebel, and Jens Oettershagen.
Sparse tensor product approximation for a class of generalized method of moments estimators.
International Journal for Uncertainty Quantification, *12*(2), 2022.

Presentations

2024	ASSA Winter Meeting 2024, Bonn Finance Seminar (Brown Bag), Bonn Macro Lunch Seminar, Bonn-Frankfurt-Mannheim PhD conference, 3rd Kiel-CEPR Conference on Geoeconomics, IMFS Research Workshop, CRC TR224 Retreat
2023	Bonn-Frankfurt-Mannheim PhD conference, CRC TR224 Retreat
2022	Bonn Finance Seminar (Brown Bag)

Teaching

2024	TA for *Financial Markets and Institutions*, B.Sc. Economics, University of Bonn
2023	TA for *Econometrics*, B.Sc. Economics, University of Bonn
	TA for *Financial Markets and Institutions*, B.Sc. Economics, University of Bonn
2022	TA for *Econometrics*, B.Sc. Economics, University of Bonn
	TA for *Corporate Finance*, B.Sc. Economics, University of Bonn
2019	TA for *Numerical Mathematics II*, B.Sc. Mathematics, University of Bonn
	TA for *Numerical Mathematics I*, B.Sc. Mathematics, University of Bonn
2018	TA for *Numerical Mathematics I*, B.Sc. Mathematics, University of Bonn

Scholarships

2021 – present	Member, Collaborative Research Center TR224

2020 – present Doctoral Scholarship, Bonn Graduate School of Economics

2015 – 2021 German Academic Scholarship Foundation (Studienstiftung)

Other Experience

2019 – 2020 **Research Assistant** at **Institute for Numerical Simulation**, University of Bonn
Implementation of new quadrature methods in Python for econometric models

2020 **Internship** at **Deutsche Bundesbank,** Financial Stability Department
Research on the effects of liquidity shocks on CCPs in the OTC derivatives market

2019 **Internship** at the consulting firm **d-fine GmbH**
Assignment at a major European financial institution

Skills

Languages German (native), English(fluent), Greek, Frech (basic)

Programming Python, MATLAB (good), C/C++, Stata (basics)

Bonn, November 24, 2024