

ALEXANDROS GILCH

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CONTACT

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EDUCATION

Ph.D. in Economics University of Bonn	since 2020
M.Sc. in Economic Research (GPA: 1.2) University of Bonn	2020–2022
M.Sc. in Mathematics (GPA: 1.3) University of Bonn	2017–2020
B.Sc. in Mathematics (GPA: 1.4) University of Göttingen – Exchange student: University of Warwick, 2016–2017	2014–2017

RESEARCH INTERESTS

Computational Economics, (International) Macroeconomics, Structural Econometrics

JOB MARKET PAPER

Inference for Missing Data in State-Space Models
with Gregor Reich (Tsumcor Research AG).

PUBLICATIONS

“Small Data”: Efficient Inference with Occasionally Observed States
with Andreas Lanz, Philipp Müller, Gregor Reich, and Ole Wilms.
Accepted at *Management Science*, 2025.
Published version [✉](#) • Working paper [✉](#)

Sparse Tensor Product Approximation for a Class of Generalized Method of Moments Estimators
with Michael Griebel and Jens Oettershagen.
International Journal for Uncertainty Quantification, 2022.
Published version [✉](#) • Working paper [✉](#)

WORK IN PROGRESS

Financial Sanctions Interact(ed) with Trade Sanctions

with Christian Bayer, and Farzad Saidi.

Working paper [↗](#).

Asymptotic Properties of the Maximum Likelihood Estimator under Occasionally Observed States

with Gregor Reich, and Ole Wilms.

Working paper [↗](#)

PRESENTATIONS

(* indicates presentation by co-author)

EC-CEPR-JIE conference “Global Shocks”*, Penn Macro Lunch Seminar, Penn Econometrics Lunch Seminar 2025

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 2024

Bonn-Frankfurt-Mannheim PhD conference, CRC TR224 Retreat 2023

TEACHING

University of Bonn

– Econometrics (B.Sc. Economics), teaching assistant	2022, 2023
– Corporate Finance (B.Sc. Economics), teaching assistant	2022
– Numerical Mathematics I (B.Sc. Mathematics), teaching assistant	2018, 2019
– Numerical Mathematics II (B.Sc. Mathematics), teaching assistant	2018

AFFILIATIONS AND SCHOLARSHIPS

Collaborative Research Center TR 224, Fellow since 2023
Universities of Bonn and Mannheim

Doctoral scholarship 2020–2025
Bonn Graduate School of Economics

Studienstiftung scholarship 2015–2020
German Academic Scholarship Foundation

OTHER WORK AND RESEARCH EXPERIENCE

Visiting Ph.D. scholar, **University of Pennsylvania** 2025
Host: Prof. Dirk Krueger

Intern, **Deutsche Bundesbank**, Financial Stability Department 2020

Research Assistant, **Institute for Numerical Simulation** 2019–2020
Group Prof. Michael Griebel

Intern, **d-fine GmbH** (consulting firm) 2019

SKILLS

Languages German (native), English (fluent), Greek, French (basic)
Software Python, MATLAB, Stata, L^AT_EX, git

Bonn, October 4th, 2025

Place, Date

Signature