Bilal Taskin

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FIELDS OF INTEREST

Econometrics   # Machine Learning   # Functional Data Analysis
Nonparametric Statistics   # Causal Inference   # High-Dimensional Data

EDUCATION

UNIVERSITY OF BONN | M.Sc. IN ECONOMICS | *July 2024*   Bonn, Germany

HACETTEPE UNIVERSITY | M.Sc. IN COMPUTER SCIENCE | *Oct 2023*   Ankara, Turkey

ANADOLU UNIVERSITY | B.Sc. IN ECONOMICS | *July 2020*   Eskisehir, Turkey

DUMLUPINAR UNIVERSITY | B.Sc. IN INDUSTRIAL ENGINEERING | *Sep 2015*   Kutahya, Turkey

RESEARCH

Taskin, Bilal and Beyaz Ramazanli. *Synthetic Controls over Random Coefficient Networks with Spillover Effects.* Research Module in Econometrics and Statistics Work, In progress.

Taskin, Bilal and Fuat Akal. "Tales of Turbulence: BERT-based Multimodal Analysis of FED Communication Dynamics Amidst COVID-19 Through FOMC Minutes." *Journal of Computational Economics*, (Accepted; Forthcoming).

CPMI Working Group. "Operational and Technical Considerations for Extending and Aligning Payment System Operating Hours for Cross-Border Payments: An Analytical Framework." CPMI Papers No. D214. Basel: Bank for International Settlements (BIS), 2023. `https://www.bis.org/cpmi/publ/d214.htm`.

CPMI Working Group. "Extending and Aligning Payment System Operating Hours for Cross-Border Payments - Final Report." CPMI Papers No. D203. Basel: Bank for International Settlements (BIS), 2022. `https://www.bis.org/cpmi/publ/d203.htm`.

CPMI Working Group. "Improving Access to Payment Systems for Cross-Border Payments." CPMI Papers No. D202. Basel: Bank for International Settlements (BIS), 2022. `https://www.bis.org/cpmi/publ/d202.htm`.

CPMI Working Group. "Extending and Aligning Payment System Operating Hours for Cross-Border Payments - Consultative Report." CPMI Papers No. D199. Basel: Bank for International Settlements (BIS), 2021. `https://www.bis.org/cpmi/publ/d199.htm`.

RESEARCH AND WORK EXPERIENCE

MAX PLANCK INSTITUTE FOR RESEARCH ON COLLECTIVE GOODS   Aug 2023 – Present
Research Assistant   *Bonn, Germany*

UNIVERSITY OF BONN | INSTITUTE OF MACROECONOMICS AND ECONOMETRICS   Mar 2023 – Present
Research Assistant   *Bonn, Germany*

CENTRAL BANK OF THE REPUBLIC OF TURKEY   Aug 2019 – Nov 2022
Assistant Specialist   *Ankara, Turkey*

GENERAL DIRECTORATE OF STATE AIRPORTS OF TURKEY   Dec 2018 – Aug 2019
Air Traffic Controller   *Ankara, Turkey*

ERKURT HOLDING   May 2016 – Dec 2018
Data Engineer   *Bursa, Turkey*

Teaching Experience

University of Bonn | *Mathematics for Economists Grad Course* Teaching Assistant
- Fall 2023

Central Bank of Republic of Turkey | *Data Analytics and Machine Learning* Instructor
- 2022

Seats and Other Affiliations

ENAG Inflation Research Group Feb 2023 – Present
Researcher *Istanbul, Turkey*

The Committee on Payments and Market Infrastructures (CPMI) Feb 2021 – Nov 2022
Research Group Member *Basel, Switzerland*

Other Projects

Econosphere - A Python Library for Thread-Level Parallelism In-progress
*A fellow graduate and I launched this project with the goal of decreasing the computational expense
of resource-intensive tasks utilized in computational economics by employing parallel programming*

The Launch of Open Banking Services Analyst
Central Bank of the Republic of Turkey *2022*

FAST – Instant and Continuous Transfer of Funds Analyst
Central Bank of the Republic of Turkey *2021*

Establishment of Turkey's QR Code Standards Researcher
Central Bank of the Republic of Turkey *2021*

Skills

Programming Python, R, JavaScript, SQL, Java, C++

Other Programming Stata, Git, E-views, MatLab, LaTeX

Honors & Awards

Deutschlandstipendium Scholarship | *2023 – 2024* German Academic Scholarship Foundation