

Muhammed Donmez

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EDUCATION

Sabanci University

Istanbul, Türkiye

2021-2023

- Master of Research in Economics
 - Specialized in Behavioral Implementation and Applied Econometrics
 - Received Comprehensive Scholarship for Graduate Studies
 - Worked as a Teaching Assistant for Econometrics, Game Theory, Microeconomics and Macroeconomics courses
 - Relevant coursework: Advanced Econometrics, Real Analysis, Functional Analysis, Statistics, Advanced Microeconomics, Advanced Macroeconomics

Bilkent University

Ankara, Türkiye

2017-2021

- Bachelor of Arts in Economics
 - Specialized in Game Theory, Behavioral Implementation, Mathematical Modelling in Economic Theory
 - Received Comprehensive Scholarship for Undergraduate Studies
 - Worked as a Teaching Assistant for Statistics, Computer Science, Microeconomics, Macroeconomics courses
 - Relevant coursework: Applied Econometrics, Statistics, Game Theory, Economics of Information, Differential Equations, Linear Algebra

Autonoma de Barcelona University

Barcelona, Spain

2020, Spring

- Exchange Student in Economics
 - Relevant coursework: Industrial Organization, Labor Economics, Public Economics, Financial Accounting

WORK EXPERIENCE

Sabanci University

Istanbul, Türkiye

Sept 2023-2024

- Research Assistant
 - Assisting in research activities, and collaborating with other faculty members to conduct comprehensive research on advancements in behavioral implementation.
 - Providing guidance and mentorship to students, and supervising a small team of undergraduate students to conduct a handbook on solution methods to various business case studies.

Bilkent University

Ankara, Türkiye

June-October 2020

- Research Assistant
 - Implemented theorems in a research paper titled “Behavioral Implementations under Incomplete Information” in Python. This program was used to construct and test examples of ex-post implementable mechanisms outlined in the paper above, and to find the set of consistent collections given a choice environment of economic agents.

PROJECTS

- **Supply Chain Effects of Immigrants**
 - The effect of Syrian immigrants on total factor productivity of the firms in Turkey was analyzed in the project, under the supervision of Prof. Ufuk Akcigit. My contribution was to write Stata codes to analyze the data from various sectors and calculate their total factor productivities.
- **Women Responding to 2008 Financial Crisis**
 - The change in female labor force participation after 2008 financial crisis was analyzed and compared with the male labor force participation to reveal the gender discrimination. My contribution was to collect the data and conduct a Difference-in-Difference estimation to find out the effect of the shock on gender discrimination in the US.

SKILLS

- **Computer:** Proficient in data analysis and modelling in Stata, MATLAB, Python, R, C++, Microsoft Office
- **Language:** Turkish (Native), English (Advanced)