

# Yunus Cem YILMAZ

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## CONTACT INFORMATION

Analysis Group  
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## EDUCATION

**Northeastern University**, Boston, Massachusetts USA **December 2021**

*Ph.D. in Applied Economics (GPA: 3.89)*

Dissertation Title: Microeconomic Analyses of the Effects of Regulation and Elections Across Europe and Turkey

Committee: James Dana Jr., Bilge Erten, Mindy Marks, Imke Reimers

Interests: Industrial Organization, Labor Economics, Development Economics

Relevant Courses: *Machine Learning & Pattern Recognition, Industrial Organization I-II, Labor Market Analysis I-II, International Economic Development, Microeconomic Theory I-II, Games & Behaviors, Health Economics, Applied Econometrics I-II, Math & Stats for Economists*

**Koç University**, Istanbul, Turkey

**August 2017**

*Bachelor of Arts in Economics & Bachelor of Arts in History (GPA: 3.65)*

Magna Cum Laude, Vehbi Koç Scholar

Relevant Courses: *Econometrics, Labor Economics, Economy of Information & Contracts, Game Theory & Strategy, Industrial Organization, Money & Banking, International Finance, Differential Equations, Independent Study on the Turkish Labor Market*

**Trinity University**, San Antonio, Texas USA

**May 2014**

*Bachelor of Science in Engineering Science (Transferred to Koç University) (GPA: 3.48)*

Relevant Courses: *Calculus I, II, III, Differential Equations & Linear Algebra*

**The Koç School**, Istanbul, Turkey

**June 2013**

*High School Diploma & International Baccalaureate (GPA: 3.68)*

Science & Math Track: IB HL Chemistry, Physics, Business; IB SL Mathematics, English Literature, Turkish Literature

## RESEARCH

### Working Papers

- Unintended Consequences of a Non-Mandatory Increase in Years of Schooling”
- ”Estimating the Welfare Effects of the Fleetwide CO<sub>2</sub> Emissions Regulation in the EU”

### Work in Progress

- “Child Health and Islamic Political Representation” (with Bilge Erten)

## PROFESSIONAL EXPERIENCE

**Analysis Group**, Boston, Massachusetts USA

**June 2021-Present**

*Associate*

January 2022-Present

*Summer Associate*

June-August 2021

- Explored and analyzed client data using Stata, R and SAS

- Worked on creating client-ready exhibits through the Microsoft Office Suite

**Northeastern University**, Boston, Massachusetts USA

**May-September 2020**

*Academic Technology Scholar*

- Learned to teach effectively in online or hybrid settings using Canvas LMS and integrated tools through an online course

- Assisted Northeastern University faculty in their adjustment to Canvas LMS, integrated tools, Zoom and Microsoft Teams through one-on-one sessions
- Held consulting sessions with faculty to help them adapt better teaching practices for the online/hybrid format in their Fall semester courses and discuss digital pedagogy

**AvivaSA Pension & Life Insurance**, Istanbul, Turkey **August-September 2016**  
*Cash & Fund Management Intern*

- Compared the SAP BusinessObjects software output with accounting spreadsheets to calculate and verify collections from customers
- Evaluated and reported on the daily fund compositions of retirement pension funds managed by the company
- Led and trained a group of newly hired high school interns in the use of work-related software, firm resources

TEACHING  
EXPERIENCE

**Northeastern University**, Boston, Massachusetts USA **September 2017-December 2021**  
*Graduate Teaching Assistant*

Graduate Courses:

- Framework of Industrial Organization (Spring 2020) - Prof. Imke Reimers
- Global Managerial Economics (Spring 2020) - Prof. James Dana Jr.
- Information Economics and Game Theory (Spring 2020) - Prof. James Dana Jr.
- Microeconomic Theory II (Fall 2019) - Prof. Patrick Legros
- Microeconomic Theory I (Fall 2019) - Prof. James Dana Jr.

Undergraduate Courses:

- Behavioral Economics (Fall 2021) - Prof. Silvia Prina
- Statistics (Spring 2021) - Prof. Philip Hanser
- Economics of Sustainability (Spring 2021) - Prof. Madhavi Venkatesan
- Economics of Race (Spring 2021) - Prof. Madhavi Venkatesan
- Microeconomic Theory (Spring 2020) - Prof. Imke Reimers
- Principles of Microeconomics (Spring 2019) - Prof. Donghee Jo
- Labor Economics (Fall 2018) - Prof. Mindy Marks and Prof. Alicia Sasser Modestino
- Women's Labor and the Economy (Fall 2017-Spring 2018) - Prof. Mindy Marks

Tasks:

- Guided students on course material by holding weekly office hours and review sessions before exams
- Covered some lectures on undergraduate level microeconomics and labor economics
- Contributed to students' understanding of statistical software via workshops and online videos on Stata and Excel
- Graded and proof-read homework, projects and exams on undergraduate and graduate level microeconomics, labor economics and industrial organization courses
- Created problem sets and exam questions for newly designed microeconomics course aimed at first year students

RESEARCH  
EXPERIENCE

**Northeastern University**, Boston, Massachusetts USA      **September 2020-February 2021**  
*Graduate Research Assistant*

Worked with Prof. Bilge Erten and Prof. Silvia Prina

- Edited code in R to geocode and combine domestic violence related calls to police departments in multiple cities
- Converted code from R to Stata to combine geographic and individual data on domestic violence, employment, food insecurity, and immigration enforcement
- Designed heterogeneity analyses using event studies and diff-in-diff to estimate the effects of COVID-19 on domestic violence

**Northeastern University**, Boston, Massachusetts USA      **July-September 2019**  
*Graduate Research Assistant*

Worked with Prof. James Dana

- Wrote Python code to download and order Amazon sales, price data from keepa.com using Keepa API
- Automated the conversion and combination of the data sets obtained through Keepa using Python and Stata
- Planned, justified and ran regressions based on testable predictions of the economic theory of damaged goods using the created data set with Stata

LEADERSHIP  
EXPERIENCE

**Northeastern University Economics Graduate Student Association**, Boston, Massachusetts USA      **August 2020-December 2021**

*Treasurer*

- Recruited students to the club to increase intra-department interaction among graduate students during the COVID-19 pandemic

**Grimatz Enterprises**, Istanbul, Turkey      **September 2011-January 2013**  
*Student General Manager*

- Recruited and employed 20 students to work for the non-profit junior achievement company
- Collected over \$ 1000 of aid to help the earthquake victims of Van by arranging and supervising sales of food

COMMUNITY  
SERVICE

**Khan Academy Türkçe**, Istanbul, Turkey      **October 2011-January 2013**  
*Student Communications Manager*

- Mobilized and managed 20 students to volunteer for the translation of online learning website Khan Academy to Turkish in order to make it more accessible to high school students in Turkey
- Arranged meetings to streamline the translation process and solve common issues encountered by translators
- Translated educational videos for students on Chemistry, Physics and Mathematics at the high school level

SKILLS

**Quantitative:** Econometrics, Optimization, Classical and Bayesian Statistics, Machine Learning, Data Scraping & Cleaning

**Data Processing & Presentation:** Stata, Python 3, R, SAS, MATLAB, SPSS, Microsoft Office Suite, LaTeX

**Computer Programs & Programming:** HTML/CSS, SAP BusinessObjects, Adobe Photoshop, Adobe Dreamweaver, Creo, CircuitLab

**Languages:** Turkish (Native), German (Pre-Intermediate), Kurdish (Basic), Ottoman (Basic)