

## Oguzhan Batmaz

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**EDUCATION**      **Ph.D. in Economics**, 8/2012 - 8/2018  
The University of Kansas  
Lawrence, KS

**MA in Economics**, 8/2010 - 5/2012  
The University of Kansas  
Lawrence, KS

**WORK EXPERIENCE**      **The Colorado College, CO:** Visiting Assistant Professor 8/2019-Present

**Grand Valley State University, MI:** Visiting Faculty 8/2018-7/2019

**Ottawa University, KS:** Instructor 8/2017 - 5/2018

**The University of Kansas, KS:** Graduate Teaching Assistant/Course Instructor  
8/2015 - 5/2018

**The University of Kansas, KS:** Undergraduate Teaching Assistant 1/2012 - 5/2015

**The University of Kansas, KS:** Lead Tutor, 6/2014 - 5/2015

**RESEARCH FIELDS**      **Primary:** Macroeconomics, International Economics

**Secondary:** Economic Development-Growth, Energy Economics and Institutional Economics

**TEACHING FIELDS**      Principles and electives of Economics and Finance courses at undergraduate and graduate levels.

**COURSES  
TAUGHT**

**Courses have taught:** Designing, creating the independent course syllabus and teaching own courses.

Courses have been teaching at Colorado College:

**EC 407** Mathematical Economics Growth  
**EC 377** Economics of International Finance  
**EC 372** Economic Development  
**EC 371** Money, Banking and Financial Institutions  
**EC 301** Microeconomic Theory II  
**EC 102** Principles of Macroeconomics  
**EC 101** Principles of Microeconomics

Courses taught at Grand Valley State University:

**ECO 369** International Economic Issues  
**ECO 210** Introductory Macroeconomics

Courses taught at University of Kansas:

**Econ 680** Economic Growth  
**Econ 582** Economic Development  
**Econ 526** Introduction to Econometrics  
**Econ 142** Principle of Microeconomics

Courses taught at Ottawa University:

**FIN 49000** Real Estate Finance  
**FIN 41006** Behavioral Finance  
**ECO 40963** International Economics  
**OAD 30563** Management  
**FIN 30000** Foundations in Finance

**Directed Studies Courses:** Advising students on their graduating projects (theses).

**EC 430, 490, 496:** Senior Thesis in Economics, at Colorado College  
**BUS 76000:** Managerial Finance-MBA, at Ottawa University  
**FIN 41000:** Investment Theory, at Ottawa University

**Courses taught as Teaching Assistant:** Led discussions for students. I was responsible for explaining course material with emphasis on teaching additional material, holding regular office hours, proctoring and grading examination.

**Math 105** Introduction to Topics in Mathematics, at KU  
**Math 116** Calculus 2, at KU  
**Math 220** Differential equations, at KU

**Courses taught as Lead Tutor:** Led discussions for students-athlete. I was responsible for explaining course material with emphasis on teaching additional material, and guiding them on their courses.

**Econ 522** Macroeconomics, at KU  
**Econ 144** Principles of Macroeconomics, at KU

## RESEARCH EXPERIENCE

**Research Assistant**, under Professor Mohamed El-Hodiri, Summer 2013 & 2014

Assisted with a variety of research tasks including statistical and econometric analysis of international trade, income distribution, and inequality.

Collected and combined data from different sources. Conducted empirical analysis on data for preliminary discussion on new projects and conducted extensive literature reviews.

**Computer Skills:** *STATA, R, LaTeX, Matlab*

## RESEARCH PAPERS

**Transaction Costs, Convergence and Gains from Trade: Evidence from Japan:** (*dissertation*)

The net gains from international trade is calculated with considering institutional change and its impacts as being transaction costs.

The Neoclassical international theory suggests that countries converge to each other as they trade goods and services. Also, as trade volume increases, we expect to have more consumption, production and some other benefits which lead to an increase in the utility level of representative households. In terms of convergency, the rate of convergence depends on countries' bargaining power. Therefore, countries force their trade partners to cause institutional changes. According to the Walrasian world, transaction costs are assumed to be zero since we have perfect markets. However, in the real world we have uncertainty, and information is not costless. Thus, people encounter these transaction costs as stated by Coase and many others. All in all, considering trade, institutional change and transaction costs together will provide the net benefits from trade. As evidenced by Japan, the path of institutional change is coming from the Western influences. Western influences had started in Japan as increasing the international trade volume in Meiji Era. Consequently, the main purpose of this paper is that bringing all crucial points stated above together, then finding the net gains from trade. This unique idea fills the gap in the literature.

### Publications:

- Çıtak, Ferhat, Uslu, Hakan, Batmaz, Oguzhan, and Hoş, Safa (2020). Do Renewable Energy and Natural Gas Consumption Mitigate CO2 Emissions in the US? new insights from NARDL approach. Environmental Science and Pollution Research. doi:10.1007/s11356-020-11094-3

*“This article attempts to explore the asymmetric impact of renewable energy and natural gas consumptions on CO2 emissions for the selected ten most populous states in the USA over the period from 1997 to 2017. For that purpose, the non-linear autoregressive distributed lag (NARDL) estimation technique, developed by Shin et al. (2014), decomposes the consumption of renewable energy and natural gas into positive and negative changes. The cointegration test results indicate that renewable energy and natural gas consumptions have a long-run connection with CO2 emissions in the eight of states used in the study. Moreover, the results reveal that the long-run asymmetric impact of renewable energy and natural gas consumptions on CO2 emissions differs from state to state. Finally, the study provides several important policy suggestions, including reducing the CO2 emissions in the atmosphere.”*

- Tımturk, Oguz and Batmaz, Oguzhan (2018). Long Run Behavior of Trade and Budget Deficits in Turkey. Proceedings of the ASBBS 25<sup>th</sup> Annual Conference ISSN: 1935-0583.

*“The purpose of this study is to study the long run behavior of the real budget deficits (RBD) and real foreign trade deficits (RTD) in Turkey. (selected as the best paper in general economics track of the conference). The long run relation of*

*trade deficits and budget deficits has been tested by using cointegration methodology and Vector Error Correction Model (VECM)).” Best paper award.*

**Work in Progress**

*“Benefits of Trade under the New Incoterms Rules: Evidence from Turkey”* (with Veyssel A.)

In this novel work, we are collaborating to calculate the impact of new Incoterms rules on exports from Turkey. During the export or exchange process, the methods of payments from destination countries will play crucial roles on Turkish exports. In literature, there is apparently only one academic article which examines the impacts of Incoterms rules on international trade. Hence, this empiric work will fill the gap in the literature for Incoterms. To sum up, using the diff and diff method, we are examining the impacts of new Incoterm rules on Turkish exports.

*“Measuring the Economic Performance of the G-20 Countries”* (with Efdal P. ready for submission)

Positive developments in economic indicators are important for countries today. Because these indicators determine whether the government that governs the country should remain in the next election, while at the same time positively or negatively affects the country’s economic outlook. In this study, the economic performance of the 16 countries in the G-20 countries was compared with the use of data envelopment analysis (DEA). The study covers the period from 2002 to 2014 in order to have the most balanced datasets. Output oriented CCR and BCC models were used in the study in addition to Malmquist Productivity Index (MPI). This study brings a new input which is institutional change and new output which is transaction cost to the literature under the DEA. According to the CCR model in the analysis results, USA, Indonesia and Russia have reached effective values in all the years discussed. According to the BCC model, Australia, Indonesia, Russia, UK and the USA have achieved effective values in all the years as economic performance. In the MPI, total factor productivity both goes up and down in selected countries.

*“How Do Trade and Institutions Affect each other?”* Qualitative effects of institutions on countries’ trade and GDP per-capita are measured. In this project, I employ different instrumental variables to study how institutions affect trade and per-capita income for selected countries in the selected time interval. In this project I study how institutional quality impacts countries over time. This project has already been completed, and I will be happy to talk more about it whenever convenient.

**CONFERENCES**  
**Academic**  
**Presentations**

**Missouri Valley Economic Association 52<sup>th</sup> Annual Meeting: Presenter and discussant** Kansas City, MO, October 2015

**Great Plains Economic and Business Conference: Presenter** Wayne, NE, October 2015

**The Institute for Public Policy and Economic Analysis (IPPEAN): Presenter** New York, NY, August 2017

**Missouri Valley Economic Association 54<sup>th</sup> Annual Meeting: Presenter and discussant** Kansas City, MO, October 2017

**The American Society of Business and Behavioral Sciences 25<sup>th</sup> Annual Meeting: Presenter, With Best Paper Award** Las Vegas, Nevada, March 2018

**International Conference on Economics, Energy and Environment (ICEEE'2020),** June, 2020, Cappadocia/Turkey.

**SEA 90<sup>th</sup> Annual Meeting: Presenter,** New Orleans, LA, Nov 2020.

**OTHER  
ACTIVITIES  
Services**

**Speaker**, “What Have Been Happening in Turkey Since 2000? and its Economic Impacts” to Phi Beta Delta Honor Society at University of Kansas International Programs, Nov, 2017.

**HONORS &  
AWARDS**

**Best Paper Award of General Economics Track : *Long Run Behavior of Trade and Budget Deficits in Turkey*** by The American Society of Business and Behavioral Sciences

**Graduate Studies Research Support Award**, by KU, Graduate Studies, Summer 2018

**Winner of Graduate School Travel Award**, by KU, Department of Economics, Spring 2018

**Winner of Graduate School Travel Award**, by KU, Department of Economics, Summer 2017

**Winner of Graduate Scholarly Presentation Travel Fund** by KU, Graduate Studies, Summer 2017

**Head-TA**, Serving Graduate Teaching Assistant as Head TA in the Fall 2016

**Graduate Teaching Fellowship 2015-present** by KU, Department of Economics, Scholarship filling in responsibility as Teaching Assistant

**Winner of Graduate School Travel Award**, by KU, Department of Economics, Fall 2015

**Graduate Summer Research Fellowship**, by KU, Department of Economics, Summer 2013 and 2014

**Graduate Education Grant**, by Ministry of Education-Turkish Government, Spring 2009 - Summer 2017

**Undergraduate Fellowship with honor degree**, by Turkish Educational Foundation, Spring 2005 - Summer 2008

**Undergraduate Scholarship**, by Prime Ministry of Turkey, Fall 2005 - Spring 2008

**Graduate from BS in Economics**, Overall classification of the award, 3.16 out of 4.00 he graduated ranking number 2 (or the second best student in department of economics among 95 students) in his major. Satisfy completed the program 3.5 years.

**OTHER  
INFORMATION**

**Affiliations:** Member of American Economic Association and Southern Economic Association.

Former President of Turkish Student Association at the University of Kansas  
Citizenship: Turkey, and Permanent Resident of USA.

## REFERENCES

**Prof. Mohamed El-Hodiri**

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**Prof. John Keating**

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**Prof. Sonia Dalmia**

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