

## Assoc. Prof. Oya EKİCİ



### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: AAD-4146-2020

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### Education Information

Post Doctorate, Duke University, Department Of Statistical Science, United States Of America 2011 - 2012

Doctorate, Istanbul University, Institute of Social Sciences, Econometrics, Turkey 2007 - 2010

Postgraduate, Istanbul University, Institute of Social Sciences, Econometrics, Turkey 2002 - 2005

Undergraduate, Istanbul University, Faculty Of Economics, İngilizce İktisat Bölümü, Turkey 1994 - 2000

### Certificates, Courses and Trainings

Other, Bayesian Analysis, MCMC, MRC Biostatistics Unit, Cambridge, 2006

### Dissertations

Doctorate, The Efficiency of Bayesian Analysis in Modeling Economic Time Series, Istanbul University, Institute of Social Sciences, Econometrics, 2010

Postgraduate, Bayesian Regression and An Application with WinBugs, Istanbul University, Institute Of Social Sciences, Econometrics, 2005

### Research Areas

Social Sciences and Humanities, Quantitative Methods, Statistics, Statistical Analysis and Applications

### Academic Titles / Tasks

Associate Professor, Istanbul University, Faculty Of Political Sciences, Department Of Business Administration, 2023 - Continues

Assistant Professor, Istanbul University, Faculty of Political Sciences, Department of Business Administration, 2018 -

Continues

Assistant Professor, Istanbul University, Faculty of Political Sciences, Department of Business Administration, 2013 - 2018

Research Assistant PhD, Istanbul University, Faculty of Economics, Department of Econometrics, 2002 - 2013

## Courses

Coding and Data Analytics, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021

Decision Making, Postgraduate, 2023 - 2024

Scientific Research Methods and Ethics, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Decision Theory, Doctorate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

Operation Management with R, Doctorate, 2022 - 2023

Mathematics, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Statistics, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

Statistics, Undergraduate, 2022 - 2023, 2018 - 2019, 2017 - 2018

Bayesian Data Analysis, Doctorate, 2023 - 2024, 2022 - 2023

Statistics, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2017 - 2018

Seminar, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021

Mathematics, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

Mathematics, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

Seminar, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

Mathematics, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

Modeling in Supply Chain Management, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

Modeling in Supply Chain Management, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

Advance Statistics, Undergraduate, 2013 - 2014

Statistics, Undergraduate, 2013 - 2014

## Advising Theses

Ekici O., RISKS OF FRAUD IN OPERATIONAL AND COMMERCIAL TRANSACTIONS IN THE BANKING SECTOR, THE ROLE OF INTERNAL AUDIT IN THE DETECTION AND PREVENTION OF RISKS, Postgraduate, C.Arslan(Student), 2023

Ekici O., Examining the effects of collaboration in R&D/innovation projects via game theory analysis, Doctorate, S.Nur(Student), 2022

## Jury Memberships

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, İstanbul Üniversitesi, June, 2024

Post Graduate, Post Graduate, İstanbul Üniversitesi, June, 2023

Post Graduate, Post Graduate, İstanbul Üniversitesi, May, 2023

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, İstanbul Üniversitesi, March, 2021

Doctoral Examination, Doctoral Examination, İstanbul Üniversitesi, December, 2020

Doctoral Examination, Doctoral Examination, İstanbul Üniversitesi, December, 2018

## Published journal articles indexed by SCI, SSCI, and AHCI

1. **Emerging economies' short-term private external debt as evidence of economic crisis**  
Ekici O., Nemlioglu K.

## Articles Published in Other Journals

- I. **The Role of Collaborations in Successful R&D Projects**  
Altuğ S. N., Ekici O.  
ISTANBUL BUSINESS RESEARCH, vol.52, no.3, pp.521-542, 2023 (ESCI)
- II. **The role of consumer confidence and inflation in crowdfunding success**  
Ekici O., Aytürk Y.  
INTERNATIONAL JOURNAL OF ENTREPRENEURIAL VENTURING, vol.15, no.4, pp.295-316, 2023 (ESCI)
- III. **The Nexus Between Income Inequality and Tax Composition: A Cross-Country Perspective**  
Ekici O.  
EGE ACADEMIC REVIEW, vol.22, no.4, pp.473-486, 2022 (ESCI)
- IV. **The Effects of Cooperation Between Internal and External stakeholders in R&D Projects on Perceived Success**  
Altuğ S. N., Ekici O.  
Istanbul Management Journal, no.92, pp.83-115, 2022 (Peer-Reviewed Journal)
- V. **The Relationship between Crowdfunding as Alternative Financing Method and Innovativeness**  
Ekici O., Sırma İ., Aytürk Y.  
BDDK Bankacılık ve Finansal Piyasalar Dergisi, vol.13, no.2, pp.215-230, 2019 (Peer-Reviewed Journal)
- VI. **THE RELATION BETWEEN AGE STRUCTURE AND SAVING RATE OF TURKEY: 1968-2006**  
Ekici O., Yorulmaz Ö.  
İstanbul Üniversitesi Sosyal Bilimler Dergisi, no.1, pp.15-24, 2012 (Peer-Reviewed Journal)
- VII. **Multivariate GARCH Modeling on the Relation ISE with Latin American Stock Exchange Markets**  
Yorulmaz Ö., Ekici O.  
İstanbul Üniversitesi Sosyal Bilimler Dergisi, vol.0, no.1, pp.25-32, 2012 (Peer-Reviewed Journal)
- VIII. **A PRE-INVESTIGATION ON THE SAVING BEHAVIOUR OF THE EUROPEAN AREA: A ROBUST CLASSIFICATION ON THIS ISSUE**  
Yorulmaz Ö., Ekici O.  
Ekoist: Journal of Econometrics and Statistics, no.12, pp.89-101, 2011 (Peer-Reviewed Journal)
- IX. **Prior Distribution Classes with Comprehensive Coverage**  
Ekici O.  
TÜİK, İstatistik Araştırma Dergisi, vol.7, no.1, pp.18-40, 2010 (Peer-Reviewed Journal)
- X. **Conceptual Distinctions of Bayesian and Classical Approaches in Statistics**  
Ekici O.  
BALIKESİR ÜNİVERSİTESİ SOSYAL BİLİMLER ENSTİTÜSÜ DERGİSİ, vol.12, no.21, pp.89-101, 2009 (Peer-Reviewed Journal)
- XI. **The Relationship of Aberrant Observation and Structural Break Point: Determination with Bayesian Autoregressive Process**  
Ekici O., Yorulmaz Ö.  
DOĞUŞ ÜNİVERSİTESİ DERGİSİ, vol.9, no.2, pp.5-12, 2008 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **The Efficiency of Bayesian Analysis in Modeling Economic Time Series**  
Ekici O.  
Türkmen Kitabevi, İstanbul, 2023
- II. **A LANDMARK QUESTION IN SOCIAL and FUNDAMENTAL SCIENCES: HOW MUCH SHOULD WE TRUST THE P-VALUE?**

Ekici O.

in: Sosyal ve Beşeri Bilimlerin Değişen Yüzü: Stratejik Yaklaşımlar, Kürşat Tutar, Editor, SRA Academic Publishing, Klaipeda, pp.257-298, 2023

**III. Supply Chain Disruptions and the Effects on Price Stability: An Intercountry Analysis**

Ekici O.

in: Managing Inflation and Supply Chain Disruptions in the Global Economy, Akkçük Ulaş, Editor, IGI Global, İstanbul, pp.132-150, 2022

**IV. DECISION MAKING AND VALUATION OF PROJECTS: REAL OPTIONS**

Ekici O.

in: Management & Strategy, Gözde Mert, Editor, Artikel Akademi, İstanbul, pp.285-302, 2020

**V. MCMC and its Basic Applications**

Ekici O.

Türkmen Kitabevi, İstanbul, 2019

## Refereed Congress / Symposium Publications in Proceedings

**I. Bayesian Dynamic Factor Modeling for Mikta Countries' Industrial Production Indices**

Ekici O.

ISBA 2024 World Meeting, Venice, Italy, 1 - 07 July 2024, pp.17-18

**II. How Much Should We Trust the P-Value?**

Ekici O.

12th International Statistics Days Conference ISDC2022, İzmir, Turkey, 13 October - 16 November 2022, pp.33

**III. Modeling of the survival of industries with Approximate Bayesian Computation**

Ekici O.

11TH INTERNATIONAL ISTANBUL SCIENTIFIC RESEARCH CONGRESS, 15 - 17 October 2022, pp.460

**IV. BAYESIAN ESTIMATION OF MULTIVARIATE GARCH MODEL, AN EMPIRICAL STUDY ON EXCHANGE TRADED FUNDS**

Ekici O.

INTERNATIONAL CONGRESS OF MANAGEMENT, ECONOMY AND POLICY (ICOMEPE) , İstanbul, Turkey, 2 - 03 November 2019, pp.30

**V. CROWDFUNDING AWARENESS IN TURKEY**

Sırma İ., Ekici O., Aytürk Y.

3rd World Conference on Technology, Innovation and Entrepreneurship (WOCTINE), İstanbul, Turkey, 21 - 23 June 2019, pp.490-497

**VI. An economic crisis indicator for emerging economies: Short term private external debt**

Ekici O.

12th International Conference on Computational and Financial Econometrics (CFE 2018)

<http://www.cfenetwork.org/CFE2018>, Lucca, Italy, 14 - 16 December 2018, pp.184

**VII. Estimation of Short Term Private External Debt of Turkey within the DLM Framework**

EKİCİ O., NEMLİOĞLU A. K.

ISBA 2012 World Meeting, Kyoto, Japan, 25 June 2012

**VIII. Estimation of Short Term Private External Debt of Turkey within the DLM Framework**

EKİCİ O., Nemlioğlu K.

ISBA 2012 World Meeting, Kyoto, Japan, 25 - 29 June 2012, pp.1

## Supported Projects

Sırma İ., Ekici O., Turan İçke B., Yanık S., Aytürk Y., Development Agency, İstanbul Kitlemel Fonlama Araştırma, Geliştirme ve Uygulama Merkezi, 2018 - 2021

## **Memberships / Tasks in Scientific Organizations**

Computational and Methodological Statistics - CMStatistics, Member, 2018 - Continues, Turkey

The International Society for Bayesian Analysis, ISBA, Member, 2011 - Continues, United States Of America

## **Scientific Refereeing**

Siyasal: Journal of Political Science, Other Indexed Journal, October 2018

Business and Economics Research Journal, Other Indexed Journal, March 2018

Communication in Statistics -Simulation and Computation, Journal Indexed in SSCI, January 2015

## **Congress and Symposium Activities**

ISBA World Meeting, Poster Bildiri, Attendee, Venice, Italy, 2024

"An Early Warning Indicator for Emerging Economies: Short Term Private External Debt", ISBA World Meeting 2018,

Poster Bildiri, Attendee, Edinburgh, United Kingdom, 2018

"Bayesian Computation of BEKK Model using Latent Thresholding", ISBA World Meeting, Poster Bildiri, Attendee,

Cagliari, Italy, 2016

"Sampling Strategy for Bayesian Multivariate Garch Modeling", University of Milano-Bicocca, Department of Statistics and Quantitative Methods, Invited seminar, Attendee, Milan, Italy, 2016

"Estimation of the survival of industries with Approximate Bayesian Computation", ABS 2015, Modern Bayesian Methods And Computing for The Social Sciences, Attendee, Milan, Italy, 2015

## **Invited Talks**

"Sampling Strategy for Bayesian Multivariate Garch Modeling", Seminar, University of Milano-Bicocca, Department of Statistics and Quantitative Methods, Italy, February 2016

## **Scholarships**

YÖK Doktora Sonrası Araştırma Bursu, YOK, 2011 - Continues

## **Awards**

EKİCİ O., World Meeting of the International Society for Bayesian Analysis Early Career Researchers Travel Grant, ISBA, June 2012