# Res. Asst. PhD BUSENUR KIZILASLAN

## Personal Information

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**International Researcher IDs**
ScholarID: OKlYJEgAAAAJ
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## Education Information

Doctorate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Statistics, Turkey 2015 - 2020
Postgraduate, Mimar Sinan Fine Arts University, Institute Of Science, Statistics, Turkey 2014 - 2015
Undergraduate, Mimar Sinan Fine Arts University, Faculty Of Arts And Sciences, Department Of Statistics, Turkey 2008 - 2012

## Dissertations

Doctorate, A New Intuitionistic Fuzzy Inference System For Forecasting, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Statistics, 2020
Postgraduate, A New Hybrid Method for Time Series Forecasting: AR-ANFIS, Mimar Sinan Fine Arts University, Institute Of Science, Statistics, 2015

## Research Areas

Artificial Intelligence, Computer Learning and Pattern Recognition, Statistics, Statistical Analysis and Applications

## Academic Titles / Tasks

Research Assistant PhD, Marmara University, Faculty of Arts and Sciences, Statistics, 2020 - Continues
Research Assistant, Marmara University, Faculty of Arts and Sciences, Statistics, 2014 - 2020

## Courses

Computer IV, Undergraduate, 2020 - 2021
Statistics for Engineers, Undergraduate, 2020 - 2021
Statistical Quality Control, Undergraduate, 2020 - 2021
Computer III, Undergraduate, 2020 - 2021

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

I. **Intuitionistic fuzzy ridge regression functions**
KIZILASLAN B., Egrioglu E., EVREN A. A.
Communications in Statistics: Simulation and Computation, vol.49, no.3, pp.699-708, 2020 (SCI-Expanded)

II. **A new hybrid method for time series forecasting: AR-ANFIS**
Sarica B., EĞRİOĞLU E., AŞIKGİL B.
NEURAL COMPUTING & APPLICATIONS, vol.29, no.3, pp.749-760, 2018 (SCI-Expanded)

III. **Particle swarm optimization based Liu-type estimator**
İNAN D., EĞRİOĞLU E., Sarica B., AŞKIN Ö. E., TEZ M.
COMMUNICATIONS IN STATISTICS-THEORY AND METHODS, vol.46, no.22, pp.11358-11369, 2017 (SCI-Expanded)

## Books & Book Chapters

I. **Recurrent ANFIS for Time Series Forecasting**
SARICA B., EĞRİOĞLU E., AŞIKGİL B.
in: Advances in Time Series Forecasting, Aladag Cagdas Hakan, Editor, Bentham Science, pp.156-164, 2017

## Refereed Congress / Symposium Publications in Proceedings

I. **Intuitionistic Fuzzy Liu-Type Regression Functions**
KIZILASLAN B., EĞRİOĞLU E., EVREN A. A.
21st European Young Statisticians Meeting, Belgrade, Serbia And Montenegro, 28 July - 02 August 2019

II. **Intuitionistic Fuzzy Ridge Regression Function**
KIZILASLAN B., EĞRİOĞLU E., EVREN A. A.
International Conference on Trends and Perspectives in Linear Statistical Inference, Bedlewo, Poland, 20 - 24 August 2018

III. **Proportional hazards regression models censored data fuzzy c means algorithm multivariate Gaussian membership function**
İNAN D., AŞKIN Ö. E., SARICA B.
Xth International Statistics Days Conference (ISDC'2016), Giresun, Turkey, 7 - 09 October 2016

IV. **Bootstrapped AR ANFIS Approach**
SARICA B., EĞRİOĞLU E.
Xth International Statistics Days Conference (ISDC'2016), Giresun, Turkey, 7 - 09 October 2016

V. **Moving Block Bootstrap based ANFIS Approaches for Forecasting**
SARICA B., EĞRİOĞLU E.
International Conference on Trends and Perspectives in Linear Statistical Inference (LinStat2016), İstanbul, Turkey, 22 - 25 August 2016

VI. **Modeling of Replicated Response Measures by using Interval Arithmetic**
SARICA B., TÜRKŞEN Ö., KAHRAMAN C.
The 10th Tartu Conference on Multivariate Statistics, Tartu, Estonia, 28 June - 01 July 2016

VII. **A Novel Modelling Aproach to Increase the Explained Risk in the Proportional Hazards Regression**
İNAN D., AŞKIN Ö. E., SARICA B.
The 10th Tartu Conference on Multivariate Statistics, Tartu, Estonia, 28 June - 01 July 2016

VIII. **Recurrent ANFIS for Time Series Forecasting**
SARICA B., EĞRİOĞLU E., AŞIKGİL B.
The 4th International Fuzzy Systems Symposium, İstanbul, Turkey, 5 - 06 November 2015

IX. **A New Hybrid Method for Time Series Forecasting**
SARICA B., EĞRİOĞLU E., AŞIKGİL B.
The Seventh International Conference on Mathematical Statistics, Smolenice, Slovakia, 29 June - 03 July 2015

X. **Particle Swarm Optimization Based Liu Type Estimator**

İNAN D., EĞRİOĞLU E., TEZ M., SARICA B.
7 th International Confrence on Probabilty and Statistics, 29 June - 03 July 2015

## Tasks In Event Organizations

Kızılaslan B., Y-BIS 2019 : Young Business and Industrial Statisticians Workshop on Recent Advances in Data Science and Business Analytics, Scientific Congress, İstanbul, Turkey, Eylül 2019
Kızılaslan B., LinStat'2016: International Conference on Trends and Perspectives in Linear Statistical Inference, Scientific Congress, İstanbul, Turkey, Ağustos 2016

## Metrics

Publication: 14
Citation (WoS): 38
Citation (Scopus): 13
H-Index (WoS): 3
H-Index (Scopus): 3

## Congress and Symposium Activities

21st European Young Statisticians Meeting, Attendee, Belgrade, Serbia, 2019

## Awards

Kızılaslan B., Young Scientists Awards - 2nd, Linstat 2018 Committee, August 2018