

## Lect. Sevda Özdemir Çalığışu

### Personal Information

**Email:** sevdaoazdemir@yyu.edu.tr

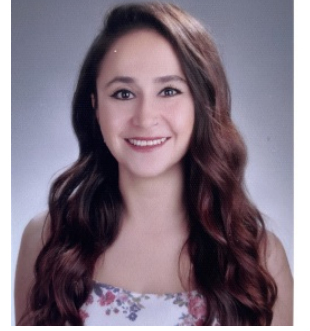
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### International Researcher IDs

ScholarID: 2Y6fVo0AAAAJ

Yoksis Researcher ID: 228111



### Education Information

Doctorate, Van Yüzüncü Yıl University, Fen Bilimleri Enstitüsü, İstatistik, Turkey 2015 - Continues

Postgraduate, Anadolu University, Institute Of Science, İstatistik, Turkey 2010 - 2014

Undergraduate Minor, Ege University, Faculty Of Science, İstatistik, Turkey 2008 - 2010

Undergraduate, Ege University, Faculty Of Science, Matematik (Teorik Matematik Abd), Turkey 2006 - 2010

### Foreign Languages

English, B2 Upper Intermediate

### Certificates, Courses and Trainings

Education Management and Planning, PEDAGOJİK FORMASYON SERTİFİKA PROGRAMI, ESKİŞEHİR OSMANGAZİ ÜNİVERSİTESİ EĞİTİM FAKÜLTESİ, 2014

Education Management and Planning, SAĞKALIM ANALİZİ, BAĞÇEŞEHİR ÜNİVERSİTESİ ARAŞTIRMA YÖNTEMLERİ OKULU, 2013

### Dissertations

Postgraduate, YAŞAM SÜREÇLERİNE ENTROPİ OPTİMİZASYON YÖNTEMLERİNİN UYGULAMALARI, Anadolu University, Fen Bilimleri Enstitüsü, İstatistik, 2014

### Research Areas

Mathematics, Statistics, Optimization, Statistics, Statistical Analysis and Applications, Natural Sciences

### Academic Titles / Tasks

Lecturer, Van Yüzüncü Yıl University, Özalp Meslek Yüksekokulu, Muhasebe Ve Vergi Bölümü, 2015 - Continues

## Academic and Administrative Experience

Assistant Director of Vocational School, Van Yüzüncü Yil University, Özalp Meslek Yüksekokulu, Muhasebe Ve Vergi Bölümü, 2022 - Continues

## Courses

Ticari Matematik, Associate Degree, 2021 - 2022  
İstatistik, Associate Degree, 2021 - 2022  
Ticari Matematik, Associate Degree, 2021 - 2022  
Associate Degree, 2019 - 2020, 2021 - 2022  
Mesleki Matematik, Associate Degree, 2019 - 2020, 2021 - 2022  
Matematik, Associate Degree, 2019 - 2020, 2021 - 2022  
Associate Degree, 2019 - 2020, 2021 - 2022  
Associate Degree, 2019 - 2020

## Articles Published in Other Journals

- I. **Fitting the Itô Stochastic Differential Equation to the COVID-19 Data in Turkey**  
Özdemir Çalığışu S., Erdoğan F.  
MANAS Journal of Engineering, vol.9, no.2, pp.192-197, 2021 (Peer-Reviewed Journal)
- II. **Survival Data Analysis by Minminxent andMaxminxent Methods**  
Shamilov A., Özdemir S.  
Turkiye Klinikleri Journal of Biostatistics, vol.9, no.1, pp.23-34, 2017 (Peer-Reviewed Journal)
- III. **An Application of Generalized EntropyOptimization Methods in Survival Data Analysis**  
Shamilov A., Kalathilparmbil Ç., Özdemir S.  
Journal of Modern Physics, vol.2017, no.8, pp.349-364, 2017 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Itô Stochastic Differential Equation Modeling for Bitcoin Data**  
Özdemir Çalığışu S., Erdoğan F.  
Itô Stochastic Differential Equation Modeling for Bitcoin Data, Van, Turkey, 8 - 10 June 2021, vol.1, no.1, pp.133
- II. **Several Applications of New Generalized Entropy Optimization Methods in Survival Data Analysis**  
Shamilov A., İnce N., Özdemir S.  
5th International Researchers, Statisticians and Young Statisticians Congress, Aydın, Turkey, 18 - 20 October 2019, pp.348-356
- III. **Fitting One Life Expectancy at Birth Data to Stochastic Differential Equation**  
Shamilov A., Özdemir S., Erdoğan F.  
5th International Researchers, Statisticians and Young Statisticians Congress, Aydın, Turkey, 18 - 20 October 2019, pp.2-7
- IV. **Fitting Irregular Migration Data in Turkey to Ito<sup>^</sup> Stochastic Differential Equation**  
Shamilov A., Erdoğan F., Özdemir S.  
International Conference on Data Science, Machine Learning and Statistics - 2019 (DMS-2019), Van, Turkey, 26 - 29 June 2019, pp.87
- V. **Generalized Entropy Optimization Methods on Leukemia Remission Times**  
Shamilov A., Özdemir S., Çelik H. E.  
10th International Statistics Congress, Ankara, Turkey, 6 - 08 December 2017, pp.108

- VI. **Arrhenius tipi bir model kullanarak, pH ve su aktivitesini spesifik gelişme hızı-sıcaklık ilişkisini nasıl etkileyebileceğini betimleyici modellerle gösterilmesi**  
Özdemir S., ÇOKSÖYLER F. N.  
18. Ulusal Biyoteknoloji Kongresi, Konya, Turkey, 18 - 19 December 2015, pp.1
- VII. **Generalization Entropy Optimization Methods Generated by Shannon and Kullback – Leibler Measures**  
SHAMİLOV A., Özdemir S., YILMAZ N.  
ALT2014 : 5th International Conference on Accelerated Life Testing and Degradation Models, 11 - 13 Haziran 2014 Pau (France), Pau, France, 11 - 13 June 2014, pp.1-10
- VIII. **An Application of Generalized Entropy Optimization Methods in Survival Data Analysis**  
SHAMİLOV A., GİRİFTİNOĞLU Ç., Özdemir S.  
On Actual Problems of Mathematics and Informatics, Institute of Mathematics and Mechanics, 15 - 16 Mayıs 2014 Baku (Azarbaijan), Baku, Azerbaijan, 15 - 16 May 2014, pp.30-31
- IX. **MinMinxEnt ve MaxMinxEnt YÖNTEMLERİ ile SAĞKALIM VERİ ANALİZİ**  
SHAMİLOV A., GİRİFTİNOĞLU Ç., Özdemir S.  
Uluslararası 8. İstatistik Kongresi, 27-30 EKİM 2013 Kemer-ANTALYA, Antalya, Turkey, 27 - 30 October 2013, pp.6-7
- X. **SURVIVAL DATA ANALYSIS BY GENERALIZED ENTROPY OPTIMIZATION METHODS**  
SHAMİLOV A., GİRİFTİNOĞLU Ç., Özdemir S.  
The 7th International Days of Statistics and Economics, Prague, September 19-21, 2013, Prague, Czech Republic, 19 - 21 September 2013, pp.1250-1260

## Supported Projects

Çelik H. E., Ekin İ. H., Özdağ R., Canayaz M., Çavuş H., Özdemir S., Genç N., Project Supported by Higher Education Institutions, Yüzüncü Yıl Üniversitesi Akademik Varlıklarının E-Ortamda Korunması, 2017 - 2017

## Metrics

Publication: 14

## Congress and Symposium Activities

10th International Statistics Congress, Attendee, Ankara, Turkey, 2017

18. Ulusal Biyoteknoloji Kongresi, Attendee, Konya, Turkey, 2015

ALT2014 : 5th International Conference on Accelerated Life Testing and Degradation Models 11-13 Jun 2014 Pau (France), Attendee, Pau, France, 2014

ON ACTUAL PROBLEMS OF MATHEMATICS AND INFORMATICS, Attendee, Baku, Azerbaijan, 2014

8. Uluslararası İstatistik Günleri, Karadeniz Teknik Üniversitesi, Attendee, Antalya, Turkey, 2013

THE 7TH INTERNATIONAL DAYS OF STATISTICS AND ECONOMICS, Attendee, Praha, Czech Republic, 2013

## Non Academic Experience

Business Establishment Private, Özel Eğitim Kurumları - Eskişehir