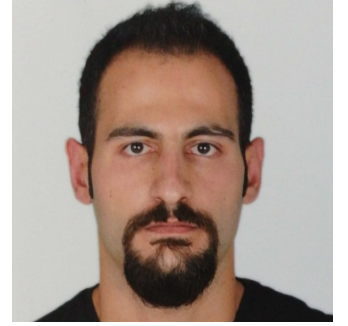


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ScopusID: 57203506527

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Education Information

Undergraduate, Ataturk University, Açıköğretim Fakültesi, İşletme Bölümü, Turkey 2022 - Continues

Doctorate, Dokuz Eylül University, Fen Bilimleri Enstitüsü, İstatistik (Dr), Turkey 2015 - 2021

Postgraduate, Dokuz Eylül University, Fen Bilimleri Enstitüsü, İstatistik (YI) (Tezli), Turkey 2013 - 2015

Undergraduate, Ege University, Faculty Of Science, İstatistik Bölümü, Turkey 2008 - 2012

Dissertations

Doctorate, Hidden Markov models based on different dependency assumptions, Dokuz Eylül University, Fen Bilimleri Enstitüsü, İTATİSTİK (DR), 2021

Postgraduate, Review of the methods used for the estimation of sojourn time for semi-Markov process, Dokuz Eylül University, Fen Bilimleri Enstitüsü, İstatistik (YI) (Tezli), 2015

Research Areas

Stochastic Modeling, Mathematics, Statistics, Natural Sciences

Academic Titles / Tasks

Research Assistant PhD, Dokuz Eylül University, Fen Fakültesi, İstatistik Bölümü, 2013 - Continues

Courses

Undergraduate

Statistics I, Undergraduate, 2022 - 2023

Linear Programming, Undergraduate, 2022 - 2023

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Hidden Markov models with binary dependence**
DANIŞMAN Ö., UZUNOĞLU KOÇER U. Z.
PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS, vol.567, 2021 (SCI-Expanded)
- II. **Construction of a semi-Markov model for the performance of a football team in the presence of missing data**
DANIŞMAN Ö., UZUNOĞLU KOÇER U. Z.
JOURNAL OF APPLIED STATISTICS, vol.46, no.3, pp.559-576, 2019 (SCI-Expanded)

Articles Published in Other Journals

- I. **6 Şubat 2023 Kahramanmaraş Depremlerinden Etkilenen Çocukların Yaşam Doyumları ve Umut Düzeylerinin İncelenmesi Üzerine Nicel Bir Araştırma**
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Buca Eğitim Fakültesi Dergisi, no.63, pp.685-705, 2025 (Peer-Reviewed Journal)
- II. **Fitting Hidden Markov Model to Earthquake Data: A Case Study in the Aegean Sea**
DANIŞMAN Ö., UZUNOĞLU KOÇER U. Z.
Karaelmas Science and Engineering Journal, vol.11, no.1, pp.44-53, 2021 (Peer-Reviewed Journal)

Papers Published in Refereed Scientific Meetings

- I. **A Quantitative Research on Youth Awareness on Climate Change and the Green Deal Action Plan**
Danışman Ö., Kabasakal A., İşeri A. C.
V. Uluslararası Uygulamalı İstatistik Kongresi (UYİK), İstanbul, Turkey, 21 - 23 May 2024, pp.1
- II. **6 Şubat 2023 Kahramanmaraş Merkezli Yıkıcı Depremlerden Etkilenen Çocukların Yaşam Doyumları ve Umut Düzeylerinin İncelenmesi**
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2. Uluslararası Ege Sosyal ve Beşeri Bilimler Kongresi, İzmir, Turkey, 12 - 13 June 2023, pp.167-168
- III. **A Scale Development Study to Compare Distance Education and Face-to-Face Education in Terms of Social and Academic Life**
Danışman Ö., Dalbudak İ.
8th International Conference on Social Sciences, İzmir, Turkey, 2 - 04 June 2023, pp.6-7
- IV. **Estimation of the Price Movement Direction of Cryptocurrencies with Stochastic Processes: An Application for Bitcoin**
DANIŞMAN Ö.
12th International Statistics Days Conference, İzmir, Turkey, 13 October 2022
- V. **Statistical Modeling of Strong Earthquake Occurrences by Binary Dependent Hidden Markov Model**
DANIŞMAN Ö., UZUNOĞLU KOÇER U. Z.
1. International Applied Statistics Conference (UYİK-2020), Tokat, Turkey, 01 October 2020, pp.7
- VI. **Suggestion of a Hidden Markov Model for First Order Markov Dependent Observations**
DANIŞMAN Ö., UZUNOĞLU KOÇER U. Z.
2nd Edition of the International Conference on Stochastic Processes and Algebraic Structures - From Theory Towards Applications, Vasteras, Sweden, 30 September - 02 October 2019

- VII. **Hidden Markov Model for Earthquake Forecasting in Aegean Sea**
DANIŞMAN Ö., UZUNOĞLU KOÇER U. Z.
15th Applied Statistics Conference, 23 - 26 September 2018
- VIII. **Short-Term Probability Forecasting by Hidden Markov Models: An Application to a Team Performance in Soccer**
DANIŞMAN Ö., UZUNOĞLU KOÇER U. Z.
4th International Researchers, Statisticians and Young Statisticians Congress, İzmir, Turkey, 28 - 30 April 2018
- IX. **Estimation of Sojourn Times for Semi-Markov Processes**
DANIŞMAN Ö., UZUNOĞLU KOÇER U. Z.
16th International Symposium on Econometrics, Operations Research and Statistics, Edirne, Turkey, 7 - 12 May 2015

Metrics

Publication: 13

Citation (WoS): 6

Citation (Scopus): 7

H-Index (WoS): 2

H-Index (Scopus): 2

Scholarships

2211-E Doğrudan Yurt İçi Doktora Burs Programı, TÜBİTAK, 2015 - 2019

2228-A Son Sınıf Lisans Öğrencileri için Lisansüstü (Yüksek Lisans/Doktora) Burs Programı, TÜBİTAK, 2012 - 2014