

## Asst. Prof. ÖMER ALTINDAĞ

### Personal Information

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### International Researcher IDs

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### Education Information

Doctorate, Ankara University, Fen Bilimleri Enstitüsü, İstatistik (Dr), Turkey 2012 - 2017

Postgraduate, Ankara University, Fen Bilimleri Enstitüsü, İstatistik (YI) (Tezli), Turkey 2009 - 2012

Undergraduate, Ankara University, Fen Fakültesi, İstatistik Bölümü, Turkey 2005 - 2009

### Foreign Languages

English, C1 Advanced

### Dissertations

Doctorate, Sansürlü Verilerde Yenileme Süreçlerinde Tahmin, Ankara University, Fen Bilimleri Enstitüsü, İstatistik (Dr), 2017

Postgraduate, Dağılım Fonksiyonları Konvolüsyonlarının Monte Carlo Tahmini ve Bazı Uygulamaları, Ankara University, Fen Bilimleri Enstitüsü, İstatistik (YI) (Tezli), 2012

### Research Areas

Statistics

### Academic and Administrative Experience

Bilecik Seyh Edebali University, 2020 - Continues

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

1. Estimation of renewal function under progressively censored data and its applications  
ALTINDAĞ Ö., AYDOĞDU H.

- Reliability Engineering and System Safety, vol.216, 2021 (SCI-Expanded)
- II. **Plug-in estimators for the mean value and variance functions in delayed renewal processes**  
PEKALP M. H., ALTINDAĞ Ö., Acar Ö., AYDOĞDU H.  
Communications in Statistics - Theory and Methods, vol.49, no.19, pp.4693-4711, 2020 (SCI-Expanded)
  - III. **On the robustness of an epsilon skew extension for Burr III distribution on the real line**  
Çankaya M. N., YALÇINKAYA A., ALTINDAĞ Ö., ARSLAN O.  
Computational Statistics, vol.34, no.3, pp.1247-1273, 2019 (SCI-Expanded)
  - IV. **Parameter estimation in  $\alpha$ -series process with lognormal distribution**  
Kara M., ALTINDAĞ Ö., PEKALP M. H., AYDOĞDU H.  
Communications in Statistics - Theory and Methods, vol.48, no.20, pp.4976-4998, 2019 (SCI-Expanded)
  - V. **Computation of the mean value and variance functions in geometric process**  
AYDOĞDU H., ALTINDAĞ Ö.  
Journal of Statistical Computation and Simulation, vol.86, no.5, pp.986-995, 2016 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Estimation in  $\alpha$ -Series Processes with Exponential Inter-Arrival Times under Censored Data**  
ALTINDAĞ Ö., KARA M., AYDOĞDU H.  
İğdir Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.14, no.3, pp.1280-1290, 2024 (Peer-Reviewed Journal)
- II. **Prevalence and Pattern of Stylohyoid Chain Complex on Panoramic Radiographs: A Retrospective Study**  
ALTINDAĞ A., EREN H., Küçükkalem M., ALTINDAĞ Ö.  
CLINICAL AND EXPERIMENTAL HEALTH SCIENCES, vol.12, 2022 (Peer-Reviewed Journal)
- III. **Investigation for the robustness of significance level when the normality assumption in hypothesis tests is violated**  
YALÇINKAYA A., Çankaya M. N., ALTINDAĞ Ö., TUAÇ Y.  
Gazi University Journal of Science, vol.30, no.2, pp.247-259, 2017 (Scopus)
- IV. **Statistical inference for the burr type III distribution under type II censored data**  
ALTINDAĞ Ö., ÇANKAYA M. N., YALÇINKAYA A., AYDOĞDU H.  
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.66, no.2, pp.297-310, 2017 (Peer-Reviewed Journal)

## Papers Published in Refereed Scientific Meetings

- I. **Estimation of Point Availability for a Repairable System under Multi-Samples**  
ALTINDAĞ Ö.  
V. INTERNATIONAL APPLIED STATISTICS CONGRESS (UYIK - 2024), 21 - 23 May 2024
- II. **Estimation in  $\alpha$ -Series Processes under Multiple Homogeneous Samples**  
ALTINDAĞ Ö., KARA M., AYDOĞDU H.  
V. INTERNATIONAL APPLIED STATISTICS CONGRESS (UYIK - 2024), 21 - 23 May 2024
- III. **Parameter Estimation for Geometric Process with Exponential Distribution Under Censored Data**  
ALTINDAĞ Ö.  
III. International Applied Statistics Conference (UYIK - 2022), 22 - 24 June 2022
- IV. **Investigation of Stylohyoid Chain Complex Incidence: A Radiological Study**  
ALTINDAĞ A., EREN H., Küçükkalem M., ALTINDAĞ Ö.  
1st INTERNATIONAL TURKISH JAPANESE DENTAL CONGRESS 2nd ANKARA-OSAKA UNIVERSITY DENTAL WORKSHOP, 24 - 26 June 2021
- V. **Nonparametric Estimation of Renewal Function under Progressively Censored Data**  
ALTINDAĞ Ö., AYDOĞDU H.

1st International Applied Statistics Conference (UYIK-2020), Turkey, 01 October 2020

- VI. **A Plug-in Estimator for the Lognormal Renewal Function under Progressively Censored Data**  
ALTINDAĞ Ö., AYDOĞDU H.  
10th International Statistics Congress, 6 - 08 December 2017
- VII. **Some Properties of Epsilon Skew Burr III Distribution**  
ÇANKAYA M. N., YALÇINKAYA A., ALTINDAĞ Ö., ARSLAN O.  
International 10th Statistics Congress (ISC2017 - İSTKON10), Ankara, Turkey, 6 - 08 December 2017
- VIII. **Non-parametric Inference for  $\alpha$ -Series Process**  
ALTINDAĞ Ö., KARA M., AYDOĞDU H.  
3rd International Researchers, Statisticians and Young Statisticians Congress, 24 - 26 May 2017
- IX. **Alfa Seri Süreçlerde Lognormal Dağılım Durumunda En Çok Olabilirlik Tahmini**  
KARA M., ALTINDAĞ Ö., AYDOĞDU H.  
Xth International Statistics Days Conference, 7 - 09 October 2016
- X. **Estimation of the Weibull Renewal Function Under Progressively Censored Data**  
ALTINDAĞ Ö., AYDOĞDU H.  
INTERNATIONAL CONFERENCE ON TRENDS AND PERSPECTIVES IN LINEAR STATISTICAL INFERENCE, 22 - 25 August 2016
- XI. **Estimation of the Renewal Function with Double Exponential Distribution under Randomly Censored Data**  
ALTINDAĞ Ö., AYDOĞDU H.  
International Conference on Information Complexity and Statistical Modeling in High Dimensions with Applications, 18 - 21 May 2016
- XII. **Epsilon Skew Extension of Burr Type III Distribution**  
YALÇINKAYA A., ÇANKAYA M. N., ALTINDAĞ Ö., ARSLAN O.  
International Conference on Information Complexity and Statistical Modeling in High Dimensions with Applications, 18 - 21 May 2016
- XIII. **Parameter Estimation for the Burr type III Distribution under type II Censored Data**  
ALTINDAĞ Ö., ÇANKAYA M. N., YALÇINKAYA A., AYDOĞDU H.  
International Conference on Information Complexity and Statistical Modeling in High Dimensions with Applications, 18 - 21 May 2016
- XIV. **Systematic Sampling on R and R<sup>2</sup>: A Simulation**  
ÇANKAYA M. N., YALÇINKAYA A., ALTINDAĞ Ö.  
9th International Statistics Day Symposium, 10 May 2014
- XV. **Hipotez Testlerinde Normallik Varsayımı Bozulduğunda 1. Tip Hatanın Dayanıklılığının İncelenmesi**  
YALÇINKAYA A., ÇANKAYA M. N., ALTINDAĞ Ö., TUAÇ Y.  
ULUSLARARASI 8. İSTATİSTİK KONGRESİ, Antalya, Turkey, 27 - 30 October 2013
- XVI. **Monte Carlo Estimation of the Mean Value Function in Geometric Process**  
ALTINDAĞ Ö., AYDOĞDU H., KARA M.  
The 24th International Conference of Jangjeon Mathematical Society, 20 - 23 July 2011
- XVII. **Dağılım Fonksiyonları Konvolüsyonlarının Monte Carlo Tahmini**  
AYDOĞDU H., ALTINDAĞ Ö.  
ULUSLARARASI 7. İSTATİSTİK KONGRESİ, Antalya, Turkey, 28 April - 01 May 2011

## Awards

Altındağ Ö., Genç Bilim Adamı Ödülü, International Conference On Trends And Perspectives In Linear Statistical Inference, January 2016