

Prof. Mahmut Kara

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Education

Doctorate, Ankara University, Fen Fakültesi , İstatistik/ Olasılık Teorisi Ve Olasılık Süreçleri Anabilim Dalı, Turkey 2009 - 2014

Postgraduate, Ankara University, Fen Fakültesi , İstatistik/Olasılık Teorisi Ve Olasılık Süreçleri Anabilim Dalı, Turkey 2006 - 2009

Undergraduate, Karadeniz Technical University, Fen Fakültesi, İstatistik Ve Bilgisayar Bilimleri, Turkey 2001 - 2005

Foreign Languages

English, B1 Intermediate

Dissertations

Doctorate, Alfa seri süreçlerde parametre tahmini , Ankara University, Fen Fakültesi, İstatistik/Olasılık Teorisi Ve Olasılık Süreçleri Anabilim Dalı, 2014

Postgraduate, Geometrik süreçlerde parametre tahmini , Ankara University, Fen Fakültesi, İstatistik/Olasılık Teorisi Ve Olasılık Süreçleri Anabilim Dalı, 2009

Research Areas

Statistics, Statistical Analysis and Applications, Natural Sciences

Academic Positions

Associate Professor, Van Yüzüncü Yıl University, İktisadi ve İdari Bilimler Fakültesi, Ekonometri Bölümü, 2017 - Continues

Courses

Postgraduate

Deney Tasarımı, Postgraduate, 2016 - 2017

Journal articles indexed in SCI, SSCI, and AHCI

- I. **Regorafenib Treatment for Recurrent Glioblastoma Beyond Bevacizumab-Based Therapy: A Large, Multicenter, Real-Life Study**
Tünbekici S., Yuksel H. c., Acar C., Sahin G., Orman S., Majidova N., COŞKUN A., Seyyar M., Dilek M. s., Kara M., et al. Cancers, vol.17, no.1, 2025 (SCI-Expanded)
- II. **Bayesian Inference for Geometric Process with Lindley Distribution and its Applications**
Yilmaz A., Kara M., Kara H.
FLUCTUATION AND NOISE LETTERS, vol.21, no.5, 2022 (SCI-Expanded)
- III. **Estimation of the parameters of the gamma geometric process**
Kara M., GÜVEN G., ŞENOĞLU B., AYDOĞDU H.
JOURNAL OF STATISTICAL COMPUTATION AND SIMULATION, vol.92, pp.2525-2535, 2022 (SCI-Expanded)
- IV. **Reliability estimation and parameter estimation for inverse Weibull distribution under different loss functions**
Yilmaz A., Kara M.
KUWAIT JOURNAL OF SCIENCE, vol.49, no.1, 2022 (SCI-Expanded)
- V. **Comparison of different estimation methods for extreme value distribution**
Yilmaz A., Kara M., Özdemir O.
JOURNAL OF APPLIED STATISTICS, vol.48, no.13-15, pp.2259-2284, 2021 (SCI-Expanded)
- VI. **Parameter estimation in alpha-series process with lognormal distribution**
Kara M., Altindag O., PEKALP M. H., AYDOĞDU H.
COMMUNICATIONS IN STATISTICS-THEORY AND METHODS, vol.48, no.20, pp.4976-4998, 2019 (SCI-Expanded)
- VII. **Statistical inference for alpha-series process with the inverse Gaussian distribution**
Kara M., Turksen O., AYDOĞDU H.
COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, vol.46, no.6, pp.4938-4950, 2017 (SCI-Expanded)
- VIII. **Statistical inference for alpha-series process with gamma distribution**
Kara M., AYDOĞDU H., ŞENOĞLU B.
COMMUNICATIONS IN STATISTICS-THEORY AND METHODS, vol.46, no.13, pp.6727-6736, 2017 (SCI-Expanded)

Articles Published in Other Journals

- I. **A Comparative Analysis of The Efficacy And Safety of Cisplatin and Oxaliplatin-Based Chemotherapy Regimens İn Elderly Patients With Metastatic Gastric Cancer**
Ürün M., Kara M.
Eastern Journal of Medicine, vol.30, no.1, pp.63-68, 2025 (Scopus)
- II. **Estimation in α -Series Processes with Exponential Inter-Arrival Times under Censored Data**
ALTINDAĞ Ö., KARA M., AYDOĞDU H.
İğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.14, no.3, pp.1280-1290, 2024 (Peer-Reviewed Journal)
- III. **Estimation of Parameters for the Gumbel Type-I Distribution under Type-II Censoring Scheme**
Yilmaz A., Kara M.
Baghdad Science Journal, vol.20, no.3, pp.834-842, 2023 (ESCI)
- IV. **A STUDY ON COMPARISONS OF BAYESIAN AND CLASSICAL PARAMETER ESTIMATION METHODS FOR THE TWO-PARAMETER WEIBULL DISTRIBUTION**
Yilmaz A., Kara M., AYDOĞDU H.
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.69, no.1, pp.576-602, 2020 (ESCI)
- V. **STATISTICAL INFERENCE FOR GEOMETRIC PROCESS WITH THE RAYLEIGH DISTRIBUTION**
BİÇER C., BİÇER H. D., Kara M., AYDOĞDU H.
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS,

Papers Presented at Peer-Reviewed Scientific Conferences

- I. **First Moment Approximations for Order Statistics from the Normal Distribution**
Yilmaz A., Kara M.
10th International Statistics Congress-2017, Ankara, Turkey, 6 - 08 December 2017, pp.162, (Full Text)
- II. **The estimation of the parameters of the Weibull distribution with different parameter estimation methods**
Kara M.
Caucasian Mathematics Conference CMC II, Van, Turkey, 22 - 24 August 2017, pp.142, (Summary Text)
- III. **Türkiye'de bedensel engelli badmintoncuların spora başlamalarına etki eden unsurlar ve spordan beklenileri**
Arslan E., Atlı M., Özkan Z., Kaplan Ş., Kara M., Bilici M.
ERPA International Congresses on Education, Budapest, Hungary, 18 May - 21 January 2017, pp.80, (Summary Text)
- IV. **Goodness of fit tests for Weibull distribution**
Yilmaz A., Ezzaldin D., Kara M., AYDOĞDU H.
International Conference on Mathematics and Mathematics Education, Şanlıurfa, Turkey, 11 - 13 May 2017, pp.478, (Summary Text)
- V. **Non-parametric inference for -series process**
Kara M.
3rd INTERNATIONAL RESEARCHERS, STATISTICIANS AND YOUNG STATISTICIANS CONGRESS, Konya, Turkey, 24 April - 26 May 2017, pp.220, (Summary Text)

Funded Projects

Kara M., Yilmaz A., Project Supported by Higher Education Institutions, Rüzgar Hızı Verilerinin Bazı Dağılımlarla İstatistiksel Analizi, 2018 - 2020

Metrics

Publication: 19
Citation (WoS): 8
Citation (Scopus): 8
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