

Prof. Mahmut Kara

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Education Information

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 Titles / Tasks

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

Courses

Deney Tasarımı, Postgraduate, 2016 - 2017

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Bayesian Inference for Geometric Process with Lindley Distribution and its Applications**
Yılmaz A., Kara M., Kara H.
FLUCTUATION AND NOISE LETTERS, vol.21, no.5, 2022 (SCI-Expanded)
- II. **Reliability estimation and parameter estimation for inverse Weibull distribution under different loss functions**
Yılmaz A., Kara M.
KUWAIT JOURNAL OF SCIENCE, vol.49, no.1, 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. **Comparison of different estimation methods for extreme value distribution**
Yılmaz A., Kara M., Özdemir O.
JOURNAL OF APPLIED STATISTICS, vol.48, no.13-15, pp.2259-2284, 2021 (SCI-Expanded)
- V. **Parameter estimation in alpha-series process with lognormal distribution**
Kara M., Altındag O., PEKALP M. H., AYDOĞDU H.
COMMUNICATIONS IN STATISTICS-THEORY AND METHODS, vol.48, no.20, pp.4976-4998, 2019 (SCI-Expanded)
- VI. **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)
- 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)

Articles Published in Other Journals

- I. **Estimation in α -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. **Estimation of Parameters for the Gumbel Type-I Distribution under Type-II Censoring Scheme**
Yılmaz A., Kara M.
Baghdad Science Journal, vol.20, no.3, pp.834-842, 2023 (ESCI)
- III. **A STUDY ON COMPARISONS OF BAYESIAN AND CLASSICAL PARAMETER ESTIMATION METHODS FOR THE TWO-PARAMETER WEIBULL DISTRIBUTION**
Yılmaz 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)
- IV. **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, vol.68, no.1, pp.149-160, 2019 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **First Moment Approximations for Order Statistics from the Normal Distribution**
Yılmaz A., Kara M.
10th International Statistics Congress-2017, Ankara, Turkey, 6 - 08 December 2017, pp.162
- 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

III. **Türkiye’de bedensel engelli badmintoncuların spora başlamalarına etki eden unsurlar ve spordan beklentileri**

Arslan E., Atli M., Özkan Z., Kaplan Ş., Kara M., Bilici M.

ERPA İnternational Congresses on Education, Budapest, Hungary, 18 May - 21 January 2017, pp.80

IV. **Goodness of fit tests for Weibull distribution**

Yılmaz A., Ezzaldin D., Kara M., AYDOĞDU H.

International Conference on Mathematics and Mathematics Education, Şanlıurfa, Turkey, 11 - 13 May 2017, pp.478

V. **Non-parametric inference for -series process**

Kara M.

3rdINTERNATIONAL RESEARCHERS, STATISTICIANS AND YOUNG STATISTICIANS CONGRESS, Konya, Turkey, 24 April - 26 May 2017, pp.220

Supported Projects

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

Metrics

Publication: 17

Citation (WoS): 8

Citation (Scopus): 8

H-Index (WoS): 2

H-Index (Scopus): 2