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International Researcher IDs

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Education Information

Postgraduate, Van Yüzüncü Yıl University, Fen Fakültesi, İstatistik Bölümü, Turkey 2013 - 2016

Undergraduate Double Major, Fırat University, Faculty Of Science, İstatistik/Matematik, Turkey 2006 - 2010

Dissertations

Postgraduate, İki Durumlu (Binary) Lojistik Regresyon Modeline Bayessci Bir Yaklaşım: OECD Örneği, Van Yüzüncü Yıl University, İstatistik, İstatistik/Matematik, 2016

Research Areas

Statistics, Statistical Analysis and Applications, Natural Sciences

Academic Titles / Tasks

Research Assistant, Van Yüzüncü Yıl University, Fen Fakültesi, İstatistik/Olasılık Teorisi Ve Olasılık Süreçleri Anabilim Dalı, 2012 - Continues

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. **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)

Articles Published in Other Journals

- I. **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)
- II. **A Bayesian Approach to Binary Logistic Regression Model with Application to OECD Data**
Yılmaz A., Çelik H. E.
Yüzüncü Yıl Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.26, no.2, pp.94-101, 2021 (Peer-Reviewed Journal)
- 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)

Refereed Congress / Symposium Publications in Proceedings

- I. **STATISTICAL ANALYSIS OF WIND SPEED DATA WITH SOME DISTRIBUTIONS**
Erdoğan N., Kara M., Yılmaz A.
2nd International Conference on Pure and Applied Mathematics (ICPAM-VAN 2018), Van, Turkey, 11 - 13 September 2018, pp.73
- II. **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
- III. **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
- IV. **Cam Tavan Sendromu: Akademi Örneği**
Yılmaz A., Şehribanoğlu S., Şıklar E.
14. Uluslararası Ekonometri, Yöneylem Araştırması ve İstatistik Sempozyumu (ISEOS 2013), Saraybosna, Bosnia And Herzegovina, 24 - 28 May 2013, vol.1, pp.212

Supported Projects

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

Çelik H. E., Uludağ F., Çavuş H., Şensoy S., Tanhan F., Hamzadayı A., Van M. H., Canayaz M., Özdağ R., ÇELİK İ., et al., Project Supported by Higher Education Institutions, Uluslararası Veri Bilimi Makine Öğrenme ve İstatistik Konferansı DMS2019, 2019 - 2019

Metrics

Publication: 10

Citation (Scopus): 3

H-Index (Scopus): 1

Congress and Symposium Activities

First Moment Approximations for Order Statistics from the Normal Distribution, Attendee, Ankara, Turkey, 2017

The estimation of parameters of the Weibull distribution with different parameter estimation methods, Attendee, Van,

Turkey, 2017

Goodness of fit tests for Weibull distriburion, Attendee, Şanlıurfa, Turkey, 2017