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Education Information

Doctorate, Hacettepe University, Fen Fakültesi, İstatistik Bölümü, Turkey 2017 - 2022
Postgraduate, Hacettepe University, Fen Fakültesi, İstatistik, Turkey 2014 - 2017
Undergraduate, Hacettepe University, Fen Fakültesi, İstatistik, Turkey 2009 - 2014

Foreign Languages

English, C1 Advanced

Research Areas

Statistics, Statistical Analysis and Applications, Natural Sciences

Academic Titles / Tasks

Research Assistant PhD, Hacettepe University, Fen Fakültesi, İstatistik Bölümü, 2022 - Continues
Research Assistant, Hacettepe University, Fen Fakültesi, İstatistik Bölümü, 2016 - 2022

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Improved population mean estimator with exponential function under non-response**
Ünal C., KADILAR C.
Applied Mathematics, vol.38, no.4, pp.562-580, 2023 (SCI-Expanded)

II. **A Markov chain approach for earthquake sequencing in the Aegean Graben system of Turkey**
Ünal C., Özel G., Eroglu Azak T.
Earth Science Informatics, vol.16, no.2, pp.1227-1239, 2023 (SCI-Expanded)

III. **A new population mean estimator under non-response cases**
Unal C., KADILAR C.
JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE, vol.16, no.1, pp.111-119, 2022 (SCI-Expanded)

IV. **Exponential Type Estimators Using Sub-Sampling Method with Applications in Agriculture**

Unal C., KADILAR C.
JOURNAL OF AGRICULTURAL SCIENCES-TARIM BILIMLERI DERGISI, vol.28, no.3, pp.457-472, 2022 (SCI-Expanded)

V. **Improved family of estimators using exponential function for the population mean in the presence of non-response**
ÜNAL C., KADILAR C.
COMMUNICATIONS IN STATISTICS-THEORY AND METHODS, 2019 (SCI-Expanded)

Articles Published in Other Journals

I. **A NEW WEIBULL-LINDLEY DISTRIBUTION IN MODELLING LIFETIME DATA**
ÜNAL C., ÖZEL G.
Mugla Journal of Science and Technology, vol.8, no.2, pp.9-15, 2022 (Peer-Reviewed Journal)

II. **Bolu İli Hava Kirletici Maddeler ile Meteorolojik Faktörler Arasındaki İlişkilerin İncelenmesi**
ÜNAL C., ÖZEL G.
Karaelmas Fen ve Mühendislik Dergisi, vol.12, no.2, pp.194-206, 2022 (Peer-Reviewed Journal)

III. **Üstelleştirilmiş Genelleştirilmiş Gamma Dağılımında Yeni Bir Uygulama**
ÜNAL C., ÖZEL KADILAR G.
International journal of advances in engineering and pure sciences (Online), vol.34, no.4, pp.479-488, 2022 (Peer-Reviewed Journal)

IV. **Sağdan Kesilmiş Lomax Dağılımının İstatistiksel Özellikleri ve Bir Uygulama**
ÜNAL C., ÖZEL KADILAR G.
Erciyes Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.38, no.2, pp.324-334, 2022 (Peer-Reviewed Journal)

V. **New Exponential Ratio Estimator in Ranked Set Sampling**
Rather K. U. I., KOÇYİĞİT E. G., Unal C., Jeelani M. I.
PAKISTAN JOURNAL OF STATISTICS AND OPERATION RESEARCH, vol.18, no.2, pp.403-409, 2022 (ESCI)

VI. **Tübitak 2237-A Doğa Bilimlerinde İstatistiksel Modelleme Yöntemleri ve Uygulamaları Eğitiminin Değerlendirilmesi**
ÖZEL KADILAR G., TÜRKAN S., ÜNAL C.
Bilge International Journal of Science and Technology Research, vol.6, no.1, pp.20-28, 2022 (Peer-Reviewed Journal)

VII. **Odd Generalized Half-Logistic Weibull Rayleigh Distribution: Properties and an Application**
ÜNAL C., ÖZEL G.
Afyon Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, vol.22, no.2, pp.307-314, 2022 (Peer-Reviewed Journal)

VIII. **Estimation of Population Mean Using Exponential Function under Non-Response**
Unal C., Kadilar C.
LOBACHEVSKII JOURNAL OF MATHEMATICS, vol.42, no.13, pp.3285-3296, 2021 (ESCI)

IX. **Exponential Ratio Type Estimator In The Presence of Non-Response**
Unal C., KADILAR C.
ROMANIAN STATISTICAL REVIEW, vol.83, no.3, pp.371-394, 2021 (ESCI)

X. **İstatistik Öğretiminde Yeni Bir Yaklaşım: Doğada Uygulamalı İstatistik**
ÖZEL KADILAR G., ÜNAL C., Düz N., ÖZKAN K.
Bilge International Journal of Science and Technology Research, vol.5, no.2, pp.124-138, 2021 (Peer-Reviewed Journal)

XI. **Improved Estimators using Exponential Function for the Population Mean in Simple and Stratified Random Samplings**
Unal C., KADILAR C.
PAKISTAN JOURNAL OF STATISTICS AND OPERATION RESEARCH, vol.17, no.2, pp.333-342, 2021 (ESCI)

XII. **A New Family of Exponential Type Estimators in the Presence of Non-Response**

Unal C., KADILAR C.
JOURNAL OF MATHEMATICAL AND FUNDAMENTAL SCIENCES, vol.53, no.1, pp.1-15, 2021 (ESCI)

XIII. **Adapted Exponential Type Estimator in the Presence of Non-response**
Unal C., KADILAR C.
JOURNAL OF RELIABILITY AND STATISTICAL STUDIES, vol.14, no.1, pp.311-321, 2021 (ESCI)

XIV. **Exponential type estimator for the population mean in the presence of non-response**
ÜNAL C., KADILAR C.
JOURNAL OF STATISTICS & MANAGEMENT SYSTEMS, 2019 (ESCI)

XV. **THE INVESTIGATION OF THE RELATIONSHIP BETWEEN SOCIAL AND ECONOMIC INDICATORS BY CANONICAL CORRELATION AND PARTIAL CANONICAL CORRELATION ANALYSIS FOR EU AND OTHER DEVELOPED COUNTRIES INCLUDING TURKEY**
ÜNAL C., Tatlidil H.
JOURNAL OF MEHMET AKIF ERSOY UNIVERSITY ECONOMICS AND ADMINISTRATIVE SCIENCES FACULTY, vol.5, no.3, pp.597-614, 2018 (ESCI)

XVI. **Alpha Power Inverted Exponential Distribution: Properties and Application**
ÜNAL C., Cakmakyapan S., Ozel G.
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.31, no.3, pp.954-965, 2018 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

I. **An Efficient Sampling Technique for Seismic Assessment of Aegean Graben System, Turkey**
ÜNAL AKDENİZ C., ÖNCEL ÇEKİM H., ÖZEL KADILAR G.
6th International Researchers, Statisticians and Young Statisticians Congress (IRSYSC2022), Antalya, Turkey, 3 - 06 November 2022

II. **Markov Model Applied to the Earthquake Magnitude in the Aegean Region of Turkey**
ÖZEL KADILAR G., ÜNAL AKDENİZ C., EROĞLU AZAK T.
3rd International Conference on Applied Engineering and Natural Sciences, Konya, Turkey, 20 - 23 July 2022

III. **AN APPLICATION ON EARTHQUAKE DATA UNDER NON-RESPONSE SCHEME IN SAMPLING THEORY**
ÜNAL AKDENİZ C., ÖZEL KADILAR G.
THE SIXTH INTERNATIONAL CONFERENCE ON COMPUTATIONAL MATHEMATICS AND ENGINEERING SCIENCES (CMES-2022), Ordu, Turkey, 20 - 22 May 2022

IV. **MARKOV RENEWAL MODEL APPLIED TO THE ESTIMATION OF EARTHQUAKE OCCURRENCES**
ÖZEL KADILAR G., ÜNAL AKDENİZ C.
THE SIXTH INTERNATIONAL CONFERENCE ON COMPUTATIONAL MATHEMATICS AND ENGINEERING SCIENCES (CMES-2022), Ordu, Turkey, 20 May 2022

V. **On a New Generalization for Inverted Exponential Distribution**
ÖZEL KADILAR G., ÇAKMAKYAPAN S., ÜNAL C.
4th INTERNATIONAL RESEARCHERS, STATISTICIANS AND YOUNG STATISTICIANS CONGRESS, 28 April - 30 October 2018

VI. **A New Family of Exponential Type Estimators for the Population Mean in Stratified Random Sampling**
ÜNAL C., KADILAR C.
4th INTERNATIONAL RESEARCHERS, STATISTICIANS AND YOUNG STATISTICIANS CONGRESS, İzmir, Turkey, 28 - 30 April 2018

VII. **A New Family of Estimators for the Population Mean Using Exponential Functions in Simple Random Sampling**
ÜNAL C., KADILAR C.
CMStatistics 2017, 16 - 18 December 2017

Supported Projects

KADILAR C., ÜNAL C., Project Supported by Higher Education Institutions, Basit Rasgele Örneklemede Üstel Fonksiyonu Kullanarak Kitle Ortalaması için Yeni Tahmin Edici Ailesi, 2017 - 2018

Metrics

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