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Kişisel Bilgiler

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ScopusID: 6506973358

Yoksis Araştırmacı ID: 9720

Eğitim Bilgileri

Doktora, Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, İstatistik Bölümü, Türkiye 1998 - 2000

Yüksek Lisans, Iowa State University, İstatistik, Amerika Birleşik Devletleri 1996 - 1998

Lisans, Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, İstatistik Bölümü, Türkiye 1988 - 1994

Yaptığı Tezler

Doktora, Experimental Design Under Nonnormality, Orta Doğu Teknik Üniversitesi, Genel Biyoloji Anabilim Dalı, İstatistik (Dr), 2000

Araştırma Alanları

İstatistik

Akademik Unvanlar / Görevler

Prof. Dr., Ankara Üniversitesi, Fen Fakültesi, İstatistik Bölümü, 2011 - Devam Ediyor

Doç. Dr., Ankara Üniversitesi, Fen Fakültesi, İstatistik Bölümü, 2006 - 2011

Yrd. Doç. Dr., Eskişehir Osmangazi Üniversitesi, Fen-Edebiyat Fakültesi, İstatistik Bölümü, 2001 - 2006

Öğretim Görevlisi Dr., Eskişehir Osmangazi Üniversitesi, Fen-Edebiyat Fakültesi, İstatistik Bölümü, 2000 - 2001

Araştırma Görevlisi, Orta Doğu Teknik Üniversitesi, Fen-Edebiyat Fakültesi, İstatistik Bölümü, 1998 - 2000

Araştırma Görevlisi, Eskişehir Osmangazi Üniversitesi, İstatistik Bölümü, 1995 - 1998

Araştırma Görevlisi, Orta Doğu Teknik Üniversitesi, İstatistik Bölümü, 1994 - 1995

Akademik İdari Deneyim

Bölüm Başkanı, Ankara Üniversitesi, 2017 - 2017

Ankara Üniversitesi, 2011 - 2013

Ankara Üniversitesi, 2008 - 2011

Eskişehir Osmangazi Üniversitesi, 2002 - 2003

verdiği Dersler

Deney Tasarımı, Lisans, 2021 - 2022
Örnekleme, Lisans, 2022 - 2023
TEZ ÇALIŞMASI, Doktora, 2022 - 2023
UZMANLIK ALAN DERSİ, Doktora, 2021 - 2022
UZMANLIK ALAN DERSİ, Yüksek Lisans, 2021 - 2022
İstatistik Teorisi, Yüksek Lisans, 2022 - 2023
TEZ ÇALIŞMASI, Doktora, 2021 - 2022
Lineer Modeller, Lisans, 2022 - 2023
TEZ ÇALIŞMASI, Yüksek Lisans, 2022 - 2023
TEZ ÇALIŞMASI, Yüksek Lisans, 2021 - 2022
Veri Analizi, Lisans, 2021 - 2022
ÖZEL KONU, Lisans, 2022 - 2023
UZMANLIK ALAN DERSİ, Yüksek Lisans, 2022 - 2023
İstatistik Teorisi, Yüksek Lisans, 2021 - 2022
UZMANLIK ALAN DERSİ, Doktora, 2022 - 2023
ÖZEL KONU, Lisans, 2021 - 2022
SEMİNER, Yüksek Lisans, 2021 - 2022

Yönetilen Tezler

ŞENOĞLU B., Bazı normal olmayan dağılımlar için istatistiksel sonuç çıkarımı, Yüksek Lisans, C.ERGENÇ(Öğrenci), 2021
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ŞENOĞLU B., One-way anova for time series data with non-normal innovations: An application to unemployment rate data, Yüksek Lisans, Ö.YILDIRIM(Öğrenci), 2017
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ŞENOĞLU B., Stokastik ANCOVA: İstatistiksel sonuç çıkarımı, Doktora, P.KASAP(Öğrenci), 2011
ŞENOĞLU B., Ortak değişkenlerin varlığı durumunda faktöriyel tasarımlar, Yüksek Lisans, Ş.ACITAŞ(Öğrenci), 2010
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Jüri Üyelikleri

Akademik Kadroya Atama-Profesörlük, Akademik Kadroya Atama-Profesörlük, Van Yüzüncü Yıl Üniversitesi, Temmuz, 2022

Akademik Kadroya Atama-Profesörlük, Akademik Kadroya Atama-Profesörlük, Afyon Kocatepe Üniversitesi, Ocak, 2022

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Comparison of wind speed distributions: a case study for Aegean coast of Turkey**
Akgul F. G., Şenoğlu B.
ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, cilt.45, sa.1, ss.2453-2470, 2023 (SCI-Expanded)
- II. **Statistical determination of significant particle swarm optimization parameters: the case of Weibull distribution**
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- III. **Modified minimum distance estimators: definition, properties and applications**
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Computational Statistics, cilt.37, sa.4, ss.1551-1568, 2022 (SCI-Expanded)
- IV. **Estimation and hypothesis testing in the two-stage nested design under nonnormality**
Gedik Balay İ., Şenoğlu B.
JOURNAL OF STATISTICAL COMPUTATION AND SIMULATION, cilt.92, sa.5, ss.998-1014, 2022 (SCI-Expanded)
- V. **Inferences for stress-strength reliability of Burr Type X distributions based on ranked set sampling**
Akgul F. G., ŞENOĞLU B.
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- VI. **Estimation of the parameters of the gamma geometric process**
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- VII. **Modified maximum likelihood estimator under the Jones and Faddy's skewt-error distribution for censored regression model**
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- VIII. **A new approach using the genetic algorithm for parameter estimation in multiple linear regression with long-tailed symmetric distributed error terms: An application to the Covid-19 data**
YALÇINKAYA A., GEDİK BALAY İ., ŞENOĞLU B.
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- IX. **A robust adaptive modified maximum likelihood estimator for the linear regression model**
Acitas S., Filzmoser P., ŞENOĞLU B.
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- X. **PARAMETER ESTIMATION FOR THE TWO-PARAMETER MAXWELL DISTRIBUTION UNDER COMPLETE AND CENSORED SAMPLES**
Arslan T., Acitas S., ŞENOĞLU B.
REVSTAT-STATISTICAL JOURNAL, cilt.19, sa.2, ss.237-253, 2021 (SCI-Expanded)
- XI. **Estimation of the system reliability for generalized inverse Lindley distribution based on different sampling designs**
Akgul F. G., Yu K., ŞENOĞLU B.

- COMMUNICATIONS IN STATISTICS-THEORY AND METHODS, cilt.50, sa.7, ss.1532-1546, 2021 (SCI-Expanded)
- XII. **Maximum likelihood and maximum product of spacings estimations for the parameters of skew-normal distribution under doubly type II censoring using genetic algorithm**
YALÇINKAYA A., YOLCU U., ŞENOĞLU B.
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- XIII. **A new partial robust adaptive modified maximum likelihood estimator**
Acitas S., Filzmoser P., ŞENOĞLU B.
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- XIV. **Classical and Bayesian Inferences in Step-Stress Partially Accelerated Life Tests for Inverse Weibull Distribution Under Type-I Censoring**
Akgul F. G., Yu K., Senoglu B.
STRENGTH OF MATERIALS, cilt.52, sa.3, ss.480-496, 2020 (SCI-Expanded)
- XV. **Robust change point estimation in two-phase linear regression models: An application to metabolic pathway data**
Acitas S., ŞENOĞLU B.
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- XVI. **A fiducial-based approach to the one-way ANOVA in the presence of nonnormality and heterogeneous error variances**
GÜVEN G., GÜRER Ö., ŞAMKAR H., ŞENOĞLU B.
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- XVII. **Ridge-Type MML Estimator in the Linear Regression Model**
ACITAŞ Ş., ŞENOĞLU B.
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- XVIII. **A new approach for estimating the parameters of Weibull distribution via particle swarm optimization: An application to the strengths of glass fibre Cheek tor data**
ACITAŞ Ş., ALADAĞ Ç. H., ŞENOĞLU B.
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- XIX. **Two-way ANOVA when the distribution of the error terms is skew t**
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- XX. **Type II Censored Samples in Experimental Design Under Jones and Faddy's Skew t Distribution**
Arslan T., ŞENOĞLU B.
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY TRANSACTION A-SCIENCE, cilt.42, sa.A4, ss.2145-2157, 2018 (SCI-Expanded)
- XXI. **Robust parameter estimation of regression model with AR(p) error terms**
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- XXII. **Robust factorial ANCOVA with LTS error distributions**
ACITAŞ Ş., ŞENOĞLU B.
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- XXIII. **Maximum likelihood estimation for the parameters of skew normal distribution using genetic algorithm**
YALÇINKAYA A., ŞENOĞLU B., YOLCU U.
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- XXIV. **Robust estimation and testing in one-way ANOVA for Type II censored samples: skew normal error terms**
ÇELİK N., ŞENOĞLU B.
JOURNAL OF STATISTICAL COMPUTATION AND SIMULATION, cilt.88, sa.7, ss.1382-1393, 2018 (SCI-Expanded)
- XXV. **Inferences on stress-strength reliability based on ranked set sampling data in case of Lindley**

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Akgul F. G., ACITAŞ Ş., ŞENOĞLU B.

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- XXVI. **Interval estimation of the system reliability for Weibull distribution based on ranked set sampling data**
Akgul F. G., ŞENOĞLU B., ACITAŞ Ş.
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- XXVII. **Generalized Lindley and Power Lindley distributions for modeling the wind speed data**
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- XXVIII. **Statistical inference for alpha-series process with gamma distribution**
Kara M., AYDOĞDU H., ŞENOĞLU B.
COMMUNICATIONS IN STATISTICS-THEORY AND METHODS, cilt.46, sa.13, ss.6727-6736, 2017 (SCI-Expanded)
- XXIX. **Estimation of $P(X < Y)$ using ranked set sampling for the Weibull distribution**
Akgul F. G., ŞENOĞLU B.
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- XXX. **Linear contrasts in one-way classification AR(1) model with gamma innovations**
ŞENOĞLU B., TÜRKER BAYRAK Ö.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, cilt.45, sa.6, ss.1743-1754, 2016 (SCI-Expanded)
- XXXI. **An alternative distribution to Weibull for modeling the wind speed data: Inverse Weibull distribution**
Akgul F. G., ŞENOĞLU B., Arslan T.
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- XXXII. **Stochastic analysis of covariance when the error distribution is long-tailed symmetric**
KASAP P., ŞENOĞLU B., ARSLAN O.
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- XXXIII. **Alpha-skew generalized t distribution Distribución t generalizada alfa sesgada**
Acitas S., ŞENOĞLU B., ARSLAN O.
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- XXXIV. **Estimation and testing in one-way anova when the errors are skew-normal Estimación y pruebas de hipótesis en ANOVA a una vía cuando los errores se distribuyen como normal sesgados**
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- XXXV. **ROBUST ESTIMATION WITH THE SKEW $t(2)$ DISTRIBUTION**
Acitas S., KASAP P., ŞENOĞLU B., ARSLAN O.
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- XXXVI. **Robust estimation with the skew t_2 distribution**
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- XXXVII. **One-step M-estimators: Jones and Faddy's skewed t-distribution**
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- XXXVIII. **ROBUST 2(k) FACTORIAL DESIGNS: NON-NORMAL SYMMETRIC DISTRIBUTIONS**
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- XXXIX. **Robust 2k factorial designs: Non-normal symmetric distributions**
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- XL. **Comparison of certain value-at-risk estimation methods for the two-parameter Weibull loss distribution**
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- XLI. **Comparison of estimation methods for the finite population mean in simple random sampling: symmetric super-populations**
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- XLII. **Parameter estimation in geometric process with Weibull distribution**
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- XLIII. **APPLICATION OF MML METHODOLOGY TO AN alpha-SERIES PROCESS WITH WEIBULL DISTRIBUTION**
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- XLIV. **Analysis of Covariance with Non-normal Errors**
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- XLV. **Estimation and hypothesis testing in BIB design and robustness**
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- XLVI. **Evaluation of surface water quality characteristics by using multivariate statistical techniques: A case study of the Euphrates river basin, Turkey**
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- XLVII. **A comparative study for the location and scale parameters of the Weibull distribution with given shape parameter**
MERT KANTAR Y., ŞENOĞLU B.
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- XLVIII. **Effects of physical environment on the stress levels of hemodialysis nurses in Ankara Turkey**
Ugur S., Acuner A. M., Goktas B., ŞENOĞLU B.
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- XLIX. **Estimating parameters in one-way analysis of covariance model with short-tailed symmetric error distributions**
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- L. **Robust estimation and hypothesis testing of linear contrasts in analysis of covariance with Stochastic covariates**
ŞENOĞLU B.
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- LI. **Robust 2(k) factorial design with Weibull error distributions**
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- LII. **Goodness-of-fit tests based on Kullback-Leibler information**
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- LIII. **Linear contrasts in experimental design with non-identical error distributions**
ŞENOĞLU B., Tiku M.
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- LIV. **Analysis of variance in experimental design with nonnormal error distributions**
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Diğer Dergilerde Yayınlanan Makaleler

- I. **ESTIMATING THE PARAMETERS OF GENERALIZED LOGISTIC DISTRIBUTION VIA GENETIC ALGORITHM BASED ON REDUCED SEARCH SPACE**
YALÇINKAYA A., Kılıç A., ŞENOĞLU B.
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- II. **DUS Inverse Weibull Distribution and Parameter Estimation in Regression Model**
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Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, cilt.27, sa.1, ss.42-50, 2023 (Hakemli Dergi)
- III. **Comparison of estimation methods for the Kumaraswamy Weibull distribution**
Ergenç C., SENOGLU B.
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- IV. **ESTIMATION OF THE LOCATION AND SCALE PARAMETERS OF MOYAL DISTRIBUTION**
Arslan T., Acitas S., ŞENOĞLU B.
TWMS JOURNAL OF APPLIED AND ENGINEERING MATHEMATICS, cilt.10, sa.4, ss.1135-1144, 2020 (ESCI)
- V. **Slash Maxwell Distribution: Definition, Modified Maximum Likelihood Estimation and Applications**
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- VI. **Obesity and Body Image of Women and Men in Iran-Tabriz**
SHAHVIRDI L., GÜLTEKİN T., ALIZADEH AGHDAM M. B., ACITAŞ Ş., ŞENOĞLU B.
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- VII. **Evaluating of beef cattle performance and profitability using robust regression analysis**
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Harran Tarım ve Gıda Bilimleri Dergisi, cilt.23, sa.3, ss.277-286, 2019 (Hakemli Dergi)
- VIII. **ESTIMATION OF THE LOCATION AND THE SCALE PARAMETERS OF BURR TYPE XII DISTRIBUTION**
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- IX. **ESTIMATING THE MISSING VALUE IN ONE-WAY ANOVA UNDER LONG-TAILED SYMMETRIC ERROR DISTRIBUTIONS**
Aydin D., ŞENOĞLU B.
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- X. **Robust estimation of the location and the scale parameters of shifted Gompertz distribution**
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- XI. **Estimation of stress strength reliability for Weibull distribution based on type II right censored rank set sampling data.**
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