

Prof. BİRDAL ŞENOĞLU

Personal Information

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Publons / Web Of Science ResearcherID: AAG-9300-2020

ScopusID: 6506973358

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Education Information

Doctorate, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Statistics, Turkey 1998 - 2000

Postgraduate, Iowa State University, Statistics, United States Of America 1996 - 1998

Undergraduate, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Statistics, Turkey 1988 - 1994

Dissertations

Doctorate, Experimental Design Under Nonnormality, Middle East Technical University, Genel Biyoloji Anabilim Dalı, İstatistik (Dr), 2000

Research Areas

Statistics

Academic Titles / Tasks

Professor, Ankara University, Fen Fakültesi, İstatistik Bölümü, 2011 - Continues

Associate Professor, Ankara University, Fen Fakültesi, İstatistik Bölümü, 2006 - 2011

Assistant Professor, Eskisehir Osmangazi University, Fen-Edebiyat Fakültesi, İstatistik Bölümü, 2001 - 2006

Lecturer PhD, Eskisehir Osmangazi University, Fen-Edebiyat Fakültesi, İstatistik Bölümü, 2000 - 2001

Research Assistant, Middle East Technical University, Fen-Edebiyat Fakültesi, İstatistik Bölümü, 1998 - 2000

Research Assistant, Eskisehir Osmangazi University, İstatistik Bölümü, 1995 - 1998

Research Assistant, Middle East Technical University, İstatistik Bölümü, 1994 - 1995

Academic and Administrative Experience

Head of Department, Ankara University, 2017 - 2017

Ankara University, 2011 - 2013

Ankara University, 2008 - 2011

Eskisehir Osmangazi University, 2002 - 2003

Courses

Statistical Design of Experiment, Undergraduate, 2021 - 2022
Sampling, Undergraduate, 2022 - 2023
TEZ ÇALIŞMASI, Doctorate, 2022 - 2023
UZMANLIK ALAN DERSİ, Doctorate, 2021 - 2022
UZMANLIK ALAN DERSİ, Postgraduate, 2021 - 2022
İstatistik Teorisi, Postgraduate, 2022 - 2023
TEZ ÇALIŞMASI, Doctorate, 2021 - 2022
LINEAR MODELS, Undergraduate, 2022 - 2023
TEZ ÇALIŞMASI, Postgraduate, 2022 - 2023
TEZ ÇALIŞMASI, Postgraduate, 2021 - 2022
Data Analysis, Undergraduate, 2021 - 2022
ÖZEL KONU, Undergraduate, 2022 - 2023
UZMANLIK ALAN DERSİ, Postgraduate, 2022 - 2023
STATISTICAL THEORY, Postgraduate, 2021 - 2022
UZMANLIK ALAN DERSİ, Doctorate, 2022 - 2023
ÖZEL KONU, Undergraduate, 2021 - 2022
SEMİNER, Postgraduate, 2021 - 2022

Advising Theses

ŞENOĞLU B., Bazı normal olmayan dağılımlar için istatistiksel sonuç çıkarımı, Postgraduate, C.ERGENÇ(Student), 2021
ŞENOĞLU B., DUS-Weibull ve DUS-inverse-Weibull dağılımları: parametre tahmini ve hipotez testleri, Doctorate, H.HÜSEYİN(Student), 2020
ŞENOĞLU B., Statistical modeling of wind speed, Postgraduate, T.NİKSARLI(Student), 2019
ŞENOĞLU B., Parameter estimation of some nonnormal distributions using genetic algorithm for complete and censored samples Yazar:ABDULLAH YALÇINKAYA, Doctorate, A.YALÇINKAYA(Student), 2018
ŞENOĞLU B., One-way anova for time series data with non-normal innovations: An application to unemployment rate data, Postgraduate, Ö.YILDIRIM(Student), 2017
ŞENOĞLU B., Stres-dayanıklılık modelinde sıralı küme örnekleme yöntemi kullanılarak sistem güvenilirliğinin dayanıklı tahmini, Doctorate, F.GÜL(Student), 2015
ŞENOĞLU B., Bazı çarpık-normal dağılımların teorik olarak incelenmesi ve uygulamaları, Postgraduate, A.HAMEL(Student), 2015
ŞENOĞLU B., Tam ve sansürlü örneklemler için deney tasarımı model parametrelerinin dayanıklı tahmini, Doctorate, M.SAİT(Student), 2015
ŞENOĞLU B., Yaşam-stres modellerinde ve hızlandırılmış başarısızlık süresi modelinde çarpık dağılımlara dayalı dayanıklı parametre tahmini, Doctorate, İ.GEDİK(Student), 2014
ŞENOĞLU B., İki-fazlı doğrusal regresyon modelinde değişim noktasının dayanıklı tahmini, Doctorate, Ş.ACITAŞ(Student), 2014
ŞENOĞLU B., Deney tasarımında kayıp gözlemlerin dayanıklı tahmini, Doctorate, D.AYDIN(Student), 2013
ŞENOĞLU B., Çapraz Geçişli tasarımlar ve uygulamaları, Postgraduate, A.YALÇINKAYA(Student), 2012
ŞENOĞLU B., Anova modellerinde çarpık dağılımlar kullanılarak dayanıklı istatistiksel sonuç çıkarımı ve uygulamaları, Doctorate, N.ÇELİK(Student), 2012
ŞENOĞLU B., Stokastik ANCOVA: İstatistiksel sonuç çıkarımı, Doctorate, P.KASAP(Student), 2011
ŞENOĞLU B., Ortak değişkenlerin varlığı durumunda faktöriyel tasarımlar, Postgraduate, Ş.ACITAŞ(Student), 2010
ŞENOĞLU B., İç-içe tasarımlarda dayanıklı analiz ve uygulamaları, Postgraduate, İ.GEDİK(Student), 2010
ŞENOĞLU B., Sağlam kestiricilerin etkinliklerinin farklı örnekleme yöntemleri için karşılaştırılması ve uygulaması, Doctorate, A.ALTIN(Student), 2007
ŞENOĞLU B., Robust control charts, Postgraduate, A.ÇETİNYÜREK(Student), 2006

ŞENOĞLU B., Robust regresyon ve uygulamaları, Postgraduate, B.ERGÜL(Student), 2006

ŞENOĞLU B., Comparison of regression techniques via Monte Carlo simulation, Postgraduate, O.CAN(Student), 2004

ŞENOĞLU B., Experimental design in the presence of covariates, Postgraduate, D.AVCIOĞLU(Student), 2003

Jury Memberships

Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Van Yüzüncü Yıl Üniversitesi, July, 2022

Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Afyon Kocatepe Üniversitesi, January, 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- 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, vol.45, no.1, pp.2453-2470, 2023 (SCI-Expanded)
- II. **Statistical determination of significant particle swarm optimization parameters: the case of Weibull distribution**
Alptekin B., Acitas S., Şenoğlu B., Aladağ Ç. H.
SOFT COMPUTING, vol.26, no.22, pp.12623-12634, 2022 (SCI-Expanded)
- III. **Modified minimum distance estimators: definition, properties and applications**
Arslan T., Acitas S., Şenoğlu B.
Computational Statistics, vol.37, no.4, pp.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, vol.92, no.5, pp.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.
COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, vol.51, no.6, pp.3324-3340, 2022 (SCI-Expanded)
- VI. **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, no.12, pp.2525-2535, 2022 (SCI-Expanded)
- VII. **Modified maximum likelihood estimator under the Jones and Faddy's skewt-error distribution for censored regression model**
Acitas S., Yenilmez I., ŞENOĞLU B., Kantar Y. M.
JOURNAL OF APPLIED STATISTICS, vol.48, no.12, pp.2136-2151, 2021 (SCI-Expanded)
- 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.
CHEMOMETRICS AND INTELLIGENT LABORATORY SYSTEMS, vol.216, 2021 (SCI-Expanded)
- IX. **A robust adaptive modified maximum likelihood estimator for the linear regression model**
Acitas S., Filzmoser P., ŞENOĞLU B.
JOURNAL OF STATISTICAL COMPUTATION AND SIMULATION, vol.91, no.7, pp.1394-1414, 2021 (SCI-Expanded)
- X. **PARAMETER ESTIMATION FOR THE TWO-PARAMETER MAXWELL DISTRIBUTION UNDER COMPLETE AND CENSORED SAMPLES**
Arslan T., Acitas S., ŞENOĞLU B.
REVSTAT-STATISTICAL JOURNAL, vol.19, no.2, pp.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, vol.50, no.7, pp.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.
EXPERT SYSTEMS WITH APPLICATIONS, vol.168, 2021 (SCI-Expanded)
- XIII. **A new partial robust adaptive modified maximum likelihood estimator**
Acitas S., Filzmoser P., ŞENOĞLU B.
CHEMOMETRICS AND INTELLIGENT LABORATORY SYSTEMS, vol.204, 2020 (SCI-Expanded)
- 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, vol.52, no.3, pp.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.
JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS, vol.363, pp.337-349, 2020 (SCI-Expanded)
- 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.
JOURNAL OF STATISTICAL COMPUTATION AND SIMULATION, vol.89, no.9, pp.1715-1729, 2019 (SCI-Expanded)
- XVII. **Ridge-Type MML Estimator in the Linear Regression Model**
ACITAŞ Ş., ŞENOĞLU B.
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY TRANSACTION A-SCIENCE, vol.43, no.A2, pp.589-599, 2019 (SCI-Expanded)
- 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.
RELIABILITY ENGINEERING & SYSTEM SAFETY, vol.183, pp.116-127, 2019 (SCI-Expanded)
- XIX. **Two-way ANOVA when the distribution of the error terms is skew t**
ÇELİK N., ŞENOĞLU B.
COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, vol.48, no.1, pp.287-301, 2019 (SCI-Expanded)
- 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, vol.42, no.A4, pp.2145-2157, 2018 (SCI-Expanded)
- XXI. **Robust parameter estimation of regression model with AR(p) error terms**
Tuac Y., GÜNEY Y., ŞENOĞLU B., ARSLAN O.
Communications in Statistics: Simulation and Computation, vol.47, no.8, pp.2343-2359, 2018 (SCI-Expanded)
- XXII. **Robust factorial ANCOVA with LTS error distributions**
ACITAŞ Ş., ŞENOĞLU B.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.47, no.2, pp.347-363, 2018 (SCI-Expanded)
- XXIII. **Maximum likelihood estimation for the parameters of skew normal distribution using genetic algorithm**
YALÇINKAYA A., ŞENOĞLU B., YOLCU U.
SWARM AND EVOLUTIONARY COMPUTATION, vol.38, pp.127-138, 2018 (SCI-Expanded)
- 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, vol.88, no.7, pp.1382-1393, 2018 (SCI-Expanded)
- XXV. **Inferences on stress-strength reliability based on ranked set sampling data in case of Lindley distribution**
Akgul F. G., ACITAŞ Ş., ŞENOĞLU B.
JOURNAL OF STATISTICAL COMPUTATION AND SIMULATION, vol.88, no.15, pp.3018-3032, 2018 (SCI-Expanded)
- XXVI. **Interval estimation of the system reliability for Weibull distribution based on ranked set sampling data**
Akgul F. G., ŞENOĞLU B., ACITAŞ Ş.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.47, no.5, pp.1404-1416, 2018 (SCI-Expanded)
- XXVII. **Generalized Lindley and Power Lindley distributions for modeling the wind speed data**
Arslan T., ACITAŞ Ş., ŞENOĞLU B.
ENERGY CONVERSION AND MANAGEMENT, vol.152, pp.300-311, 2017 (SCI-Expanded)
- XXVIII. **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)
- XXIX. **Estimation of $P(X < Y)$ using ranked set sampling for the Weibull distribution**
Akgul F. G., ŞENOĞLU B.
QUALITY TECHNOLOGY AND QUANTITATIVE MANAGEMENT, vol.14, no.3, pp.296-309, 2017 (SCI-Expanded)
- XXX. **Linear contrasts in one-way classification AR(1) model with gamma innovations**
ŞENOĞLU B., TÜRKER BAYRAK Ö.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.45, no.6, pp.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.
ENERGY CONVERSION AND MANAGEMENT, vol.114, pp.234-240, 2016 (SCI-Expanded)
- XXXII. **Stochastic analysis of covariance when the error distribution is long-tailed symmetric**
KASAP P., ŞENOĞLU B., ARSLAN O.
JOURNAL OF APPLIED STATISTICS, vol.43, no.11, pp.1977-1997, 2016 (SCI-Expanded)
- XXXIII. **Alpha-skew generalized t distribution Distribución t generalizada alfa sesgada**
Acitas S., ŞENOĞLU B., ARSLAN O.
Revista Colombiana de Estadística, vol.38, no.2, pp.353-370, 2015 (SCI-Expanded)
- 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**
Celik N., ŞENOĞLU B., ARSLAN O.
Revista Colombiana de Estadística, vol.38, no.1, pp.75-91, 2015 (SCI-Expanded)
- XXXV. **ROBUST ESTIMATION WITH THE SKEW $t(2)$ DISTRIBUTION**
Acitas S., KASAP P., ŞENOĞLU B., ARSLAN O.
PAKISTAN JOURNAL OF STATISTICS, vol.29, no.4, pp.409-430, 2013 (SCI-Expanded)
- XXXVI. **Robust estimation with the skew t_2 distribution**
Acitas Ş., Kasap P., ŞENOĞLU B., ARSLAN O.
Pakistan Journal of Statistics, vol.29, no.4, pp.409-430, 2013 (SCI-Expanded)
- XXXVII. **One-step M-estimators: Jones and Faddy's skewed t-distribution**
ACITAŞ Ş., KASAP P., ŞENOĞLU B., ARSLAN O.
JOURNAL OF APPLIED STATISTICS, vol.40, no.7, pp.1545-1560, 2013 (SCI-Expanded)
- XXXVIII. **ROBUST 2(k) FACTORIAL DESIGNS: NON-NORMAL SYMMETRIC DISTRIBUTIONS**
ŞENOĞLU B., ACITAŞ Ş., KASAP P.
PAKISTAN JOURNAL OF STATISTICS, vol.28, no.1, pp.93-114, 2012 (SCI-Expanded)
- XXXIX. **Robust 2k factorial designs: Non-normal symmetric distributions**
ŞENOĞLU B., Acitas Ş., Kasap P.
Pakistan Journal of Statistics, vol.28, no.1, pp.93-114, 2012 (SCI-Expanded)

- XL. **Comparison of certain value-at-risk estimation methods for the two-parameter Weibull loss distribution**
Gebizlioglu O. L., ŞENOĞLU B., MERT KANTAR Y.
JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS, vol.235, no.11, pp.3304-3314, 2011 (SCI-Expanded)
- XLI. **Comparison of estimation methods for the finite population mean in simple random sampling: symmetric super-populations**
ALTIN YAVUZ A., ŞENOĞLU B.
JOURNAL OF APPLIED STATISTICS, vol.38, no.6, pp.1277-1288, 2011 (SCI-Expanded)
- XLII. **Parameter estimation in geometric process with Weibull distribution**
AYDOĞDU H., ŞENOĞLU B., Kara M.
APPLIED MATHEMATICS AND COMPUTATION, vol.217, no.6, pp.2657-2665, 2010 (SCI-Expanded)
- XLIII. **APPLICATION OF MML METHODOLOGY TO AN alpha-SERIES PROCESS WITH WEIBULL DISTRIBUTION**
AYDOĞDU H., ŞENOĞLU B., Kara M.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.39, no.3, pp.449-460, 2010 (SCI-Expanded)
- XLIV. **Analysis of Covariance with Non-normal Errors**
ŞENOĞLU B., Avcioglu M. D.
INTERNATIONAL STATISTICAL REVIEW, vol.77, no.3, pp.366-377, 2009 (SCI-Expanded)
- XLV. **Estimation and hypothesis testing in BIB design and robustness**
Tiku M. L., ŞENOĞLU B.
COMPUTATIONAL STATISTICS & DATA ANALYSIS, vol.53, no.9, pp.3439-3451, 2009 (SCI-Expanded)
- XLVI. **Evaluation of surface water quality characteristics by using multivariate statistical techniques: A case study of the Euphrates river basin, Turkey**
FİLİK İŞÇEN C., ALTIN YAVUZ A., ŞENOĞLU B., YAVUZ H. S.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.151, no.1-4, pp.259-264, 2009 (SCI-Expanded)
- XLVII. **A comparative study for the location and scale parameters of the Weibull distribution with given shape parameter**
MERT KANTAR Y., ŞENOĞLU B.
COMPUTERS & GEOSCIENCES, vol.34, no.12, pp.1900-1909, 2008 (SCI-Expanded)
- XLVIII. **Effects of physical environment on the stress levels of hemodialysis nurses in Ankara Turkey**
Ugur S., Acuner A. M., Goktas B., ŞENOĞLU B.
JOURNAL OF MEDICAL SYSTEMS, vol.31, no.4, pp.283-287, 2007 (SCI-Expanded)
- XLIX. **Estimating parameters in one-way analysis of covariance model with short-tailed symmetric error distributions**
ŞENOĞLU B.
JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS, vol.201, no.1, pp.275-283, 2007 (SCI-Expanded)
- L. **Robust estimation and hypothesis testing of linear contrasts in analysis of covariance with Stochastic covariates**
ŞENOĞLU B.
JOURNAL OF APPLIED STATISTICS, vol.34, no.2, pp.141-151, 2007 (SCI-Expanded)
- LI. **Robust 2(k) factorial design with Weibull error distributions**
ŞENOĞLU B.
JOURNAL OF APPLIED STATISTICS, vol.32, no.10, pp.1051-1066, 2005 (SCI-Expanded)
- LII. **Goodness-of-fit tests based on Kullback-Leibler information**
ŞENOĞLU B., Surucu B.
IEEE TRANSACTIONS ON RELIABILITY, vol.53, no.3, pp.357-361, 2004 (SCI-Expanded)
- LIII. **Linear contrasts in experimental design with non-identical error distributions**
ŞENOĞLU B., Tiku M.
BIOMETRICAL JOURNAL, vol.44, no.3, pp.359-374, 2002 (SCI-Expanded)
- LIV. **Analysis of variance in experimental design with nonnormal error distributions**
Şenoğlu B., Tiku M.
COMMUNICATIONS IN STATISTICS-THEORY AND METHODS, vol.30, no.7, pp.1335-1352, 2001 (SCI-Expanded)

Articles Published in Other Journals

- I. **Robust Inference for the Skew Normal Regression Model Under Type II Censoring**
GEDİK BALAY İ., ŞENOĞLU B.
THAILAND STATISTICIAN, vol.22, no.3, pp.547-564, 2024 (ESCI)
- II. **ESTIMATING THE PARAMETERS OF GENERALIZED LOGISTIC DISTRIBUTION VIA GENETIC ALGORITHM BASED ON REDUCED SEARCH SPACE**
YALÇINKAYA A., Kılıç A., ŞENOĞLU B.
Journal of Mathematical Sciences (United States), 2024 (Scopus)
- III. **DUS Inverse Weibull Distribution and Parameter Estimation in Regression Model**
Gül H. H., ACITAS S., BAYRAK H., SENOGLU B.
Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.27, no.1, pp.42-50, 2023 (Peer-Reviewed Journal)
- IV. **Comparison of estimation methods for the Kumaraswamy Weibull distribution**
Ergenç C., SENOGLU B.
Communications Faculty of Sciences University of Ankara Series A1: Mathematics and Statistics, vol.72, no.1, pp.1-21, 2023 (ESCI)
- V. **ESTIMATION OF THE LOCATION AND SCALE PARAMETERS OF MOYAL DISTRIBUTION**
Arslan T., Acitas S., ŞENOĞLU B.
TWMS JOURNAL OF APPLIED AND ENGINEERING MATHEMATICS, vol.10, no.4, pp.1135-1144, 2020 (ESCI)
- VI. **Slash Maxwell Distribution: Definition, Modified Maximum Likelihood Estimation and Applications**
Acitas S., Arslan T., ŞENOĞLU B.
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.33, no.1, pp.249-263, 2020 (ESCI)
- VII. **Obesity and Body Image of Women and Men in Iran-Tabriz**
SHAHVIRDI L., GÜLTEKİN T., ALIZADEH AGHDAM M. B., ACITAŞ Ş., ŞENOĞLU B.
ANTHROPOLOGY, vol.38, pp.37-45, 2019 (Peer-Reviewed Journal)
- VIII. **Evaluating of beef cattle performance and profitability using robust regression analysis**
KÖKNAROĞLU H., ACITAŞ Ş., ŞENOĞLU B.
Harran Tarım ve Gıda Bilimleri Dergisi, vol.23, no.3, pp.277-286, 2019 (Peer-Reviewed Journal)
- IX. **ESTIMATION OF THE LOCATION AND THE SCALE PARAMETERS OF BURR TYPE XII DISTRIBUTION**
Akgul F. G., Acitas S., ŞENOĞLU B.
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.68, no.1, pp.1030-1044, 2019 (ESCI)
- X. **ESTIMATING THE MISSING VALUE IN ONE-WAY ANOVA UNDER LONG-TAILED SYMMETRIC ERROR DISTRIBUTIONS**
Aydin D., ŞENOĞLU B.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BİLİMLERİ DERGİSİ, vol.36, no.2, pp.523-538, 2018 (ESCI)
- XI. **Robust estimation of the location and the scale parameters of shifted Gompertz distribution**
Aydin D., Akgul F. G., ŞENOĞLU B.
ELECTRONIC JOURNAL OF APPLIED STATISTICAL ANALYSIS, vol.11, no.1, pp.92-107, 2018 (ESCI)
- XII. **Estimation of Stress-Strength Reliability For Weibull Distribution Based on Type-II Right Censored Ranked Set Sampling Data**
Akgul F. G., ŞENOĞLU B.
PAKISTAN JOURNAL OF STATISTICS AND OPERATION RESEARCH, vol.14, no.4, pp.781-806, 2018 (ESCI)
- XIII. **Estimation of stress strength reliability for Weibull distribution based on type II right censored rank set sampling data.**
AKGÜL F. G., ŞENOĞLU B.
PAKISTAN JOURNAL OF STATISTICS AND OPERATION RESEARCH, vol.14, no.4, pp.781-806, 2018 (Scopus)
- XIV. **A comparison of different methods for estimating the missing value in two-way ANOVA**
AYDIN D., ŞENOĞLU B.

- International Journal of Mathematics and Statistics, vol.18, no.3, pp.47-63, 2017 (Peer-Reviewed Journal)
- XV. **Inference for the Jones and Faddy's Skewed t-Distribution Based on Progressively Type-II Censored Samples**
Akgul F. G., ŞENOĞLU B.
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.30, no.3, pp.1-17, 2017 (ESCI)
- XVI. **Estimation of $P(X < Y)$ using Some Modifications of Ranked Set Sampling for Weibull Distribution**
Akgul F. G., ŞENOĞLU B.
PAKISTAN JOURNAL OF STATISTICS AND OPERATION RESEARCH, vol.13, no.4, pp.931-958, 2017 (ESCI)
- XVII. **Çift taraflı tip II sansürlenmiş örneklem için Jones ve Faddy'xxnin çarpık t dağılımının konum ve ölçek parametrelerinin tahmini**
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- XL. **Statistical inference for the location model when the distribution of the error terms is Jones and Faddy s skew t Type II censored samples**
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- XLIV. **A New Search Space For Genetic Algorithm**
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- XLV. **Maximum Likelihood Estimation For The Parameters Of Skew Normal Distribution Using Genetic Algorithm**
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- XLIX. **Robust estimation and testing in one way ANOVA under type II censoring Skew normal error terms**
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- L. **Ridge regression based on MML estimators with LTS error distributions**
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- L. **Nested Designs with Generalized Logistic Error Terms**
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- LI. **Estimating the parameters in one way ANOVA based on ranked set sampling**
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Şenoğlu B., Akgül F. G., Project Supported by Higher Education Institutions, Rüzgar Hızının Modellenmesinde Alternatif Dağılımların Kullanılması, 2016 - 2017
Şenoğlu B., Yılmaz M., Açık Kemaloğlu S., TUBITAK Project, İstatistiğe Giriş 1, 2015 - 2016

Activities in Scientific Journals

HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, Editor, 2019 - Continues
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, Editor, 2018 - Continues
Eskişehir Teknik Üniversitesi Bilim ve Teknoloji Dergisi b- Teorik Bilimler, Committee Member, 2017 - Continues

Memberships / Tasks in Scientific Organizations

Türk İstatistik Derneği, Board Member, 2022 - Continues, Turkey

Metrics

Publication: 138
Citation (WoS): 706
Citation (Scopus): 790
H-Index (WoS): 15
H-Index (Scopus): 14