

# Prof. Dr. BİRDAL ŞENOĞLU

## Kişisel Bilgiler

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### Uluslararası Araştırmacı ID'leri

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

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

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## 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, 2023 - 2024  
İstatistik Teorisi, Yüksek Lisans, 2023 - 2024  
Örnekleme, Lisans, 2022 - 2023  
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TEZ ÇALIŞMASI, Doktora, 2021 - 2022  
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TEZ ÇALIŞMASI, Yüksek Lisans, 2022 - 2023  
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Veri Analizi, Lisans, 2021 - 2022  
ÖZEL KONU, Lisans, 2022 - 2023  
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## Jüri Üyelikleri

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## SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Comparison of wind speed distributions: a case study for Aegean coast of Turkey**  
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- III. **Modified minimum distance estimators: definition, properties and applications**  
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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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- 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**  
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- XVI. **A fiducial-based approach to the one-way ANOVA in the presence of nonnormality and heterogeneous error variances**  
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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**  
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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**  
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- XXIV. **Robust estimation and testing in one-way ANOVA for Type II censored samples: skew normal error terms**  
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- XXV. **Inferences on stress-strength reliability based on ranked set sampling data in case of Lindley**

**distribution**

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- XXVIII. **Statistical inference for alpha-series process with gamma distribution**  
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Akgul F. G., ŞENOĞLU B.  
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- XXX. **Linear contrasts in one-way classification AR(1) model with gamma innovations**  
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- XL. **Comparison of certain value-at-risk estimation methods for the two-parameter Weibull loss distribution**  
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- XLII. **Parameter estimation in geometric process with Weibull distribution**  
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- XLVIII. **Effects of physical environment on the stress levels of hemodialysis nurses in Ankara Turkey**  
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- II. **ESTIMATING THE PARAMETERS OF GENERALIZED LOGISTIC DISTRIBUTION VIA GENETIC ALGORITHM BASED ON REDUCED SEARCH SPACE**  
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- II. **Parameter Estimation for Kumaraswamy Weibull Distribution Under Ranked Set Sampling**  
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**VI. Determination of Wind Speed Characteristics using Mixture Distributions**

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- XIX. Scale mixture extension of the Maxwell distribution: Properties, estimation and application**  
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- XXIV. **Inferences for stress-strength reliability of Burr type X distributions based on ranked set sampling**  
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- XXV. **Estimating the location and scale parameters of the Maxwell distribution**  
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- XXVI. **Alternative distributions to Weibull for modeling the wind speed data in wind energy analysis**  
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- XXXIII. **Different estimation methods for the parameters of Inverse Weibull distribution: An application to fatigue lifetime data**  
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- XXXVII. **Ridge type modified maximum likelihood estimators in linear regression model**  
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- XLII. **Interval estimation of the system reliability for Weibull distribution based on ranked set sampling data**  
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- XLIII. **A New Search Space For Genetic Algorithm**  
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- XLVII. **Estimation of the location and the scale parameters of Jones and Faddy s skewed t distribution based on progressively Type II censored data**  
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- XLVIII. **Robust estimation and testing in one way ANOVA under type II censoring Skew normal error terms**  
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- XLIX. **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**

AKGÜL F. G., ŞENOĞLU B.

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**LII. Robust estimation of the parameters of the shifted Gompertz distribution**

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## Desteklenen Projeler

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COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, Editör, 2018 - Devam Ediyor

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## Bilimsel Kuruluşlardaki Üyelikler / Görevler

Türk İstatistik Derneği, Yönetim Kurulu Üyesi, 2022 - Devam Ediyor , Türkiye

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