Assoc. Prof. EMEL BAŞAR

Personal Information

Email: ebasar@gazi.edu.tr
Web: https://avesis.gazi.edu.tr/ebasar

International Researcher IDs
ScholarID: DItpo7wAAAAJ
ORCID: 0000-0002-9915-0724
Publons / Web Of Science ResearcherID: AFN-2206-2022
ScopusID: 56970921400
Yoksis Researcher ID: 113428

Education Information

Doctorate, Hacettepe University, Fen Bilimleri Enstitüsü, Turkey 1988 - 1993
Postgraduate, Gazi University, Fen Fakültesi, İstatistik Bölümü, Turkey 1979 - 1982
Undergraduate, Istanbul University, Faculty Of Economics, Turkey 1972 - 1977

Dissertations

Doctorate, Yaşam tabloları analizinde kullanılan bazı istatiksel tekniklerin böbrek nakli verilerine uygulanması, Hacettepe University, Fen Bilimleri Enstitüsü, 1993
Postgraduate, Sözcük Köken Bilgisi ile Anlama Düzeyleri Arasındaki İlişki, Gazi University, Fen Fakültesi, İstatistik Bölümü, 1982

Research Areas

Statistics, Statistical Analysis and Applications

Academic Titles / Tasks

Assistant Professor, Gazi University, Fen Fakültesi, İstatistik Bölümü, 2005 - Continues

Academic and Administrative Experience

Gazi University, Fen Fakültesi, İstatistik Bölümü, 2011 - 2014

Courses

Aktüerya, Undergraduate, 2017 - 2018
Demografi, Undergraduate, 2017 - 2018
Araştırma Projesi, Undergraduate, 2017 - 2018

Demografi ve Hayat Tabloları, Undergraduate, 2017 - 2018
Yaşam Sürdürme Analizi, Postgraduate, 2017 - 2018
Sigorta Matematiği ve Aktüerya, Undergraduate, 2017 - 2018
Risk Çözümlemesi, Undergraduate, 2017 - 2018
İstatistik, Undergraduate, 2016 - 2017

Advising Theses

BAŞAR E., Investigation Of Confidence In Some Government Agencies In Turkey With Categorical Regression And Logistic Regression Analysis, Postgraduate, K.GÜÇ(Student), 2015
BAŞAR E., REFINEMENT OF PROPORTIONAL HAZARD MODEL BY TIME DEPENDENT VARIABLES AND AN APPLICATION ON JUVENILE DELINQUENCY, Postgraduate, Ö.GÖZ(Student), 2007
BAŞAR E., Cox oransal hazard regrasyon modeli, Postgraduate, E.TUĞÇE(Student), 2004
BAŞAR E., Sağkalım analizinde parametrik olmayan yöntemler üzerine bir uygulama, Postgraduate, N.ÖZDEN(Student), 2004

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Aalen's Additive, Cox Proportional Hazards and The Cox-Aalen Model: Application to Kidney Transplant Data**
BAŞAR E.
SAINS MALAYSIANA, vol.46, no.3, pp.469-476, 2017 (SCI-Expanded)

Books & Book Chapters

I. **15. Bölüm: 2^k Faktöriyel Deneyler ve Kesirler (sayfa 597-654)**
Gündüz Tekin N., Aydın C., Başar E., Balibeyoğlu J., Örkcü H. H., Özdemir Güler Z., Altunkaynak B., Kardiyen F., Şahin Tekin S. T., Çelik B., et al.
in: Mühendisler ve Fen Bilimciler için Olasılık ve İstatistik, BAKIR,Mehmet Akif, Editor, PALME Yayıncılık, Ankara, pp.597-654, 2016

Refereed Congress / Symposium Publications in Proceedings

I. **Kernel Smoothing by Using Location-scale Family as a Kernel Density.**
GÜNDÜZ TEKİN N., BALİBEYOĞLU J., BAŞAR E., AYDIN C.
4th International Conference on Computational and Experimental Science and Engineering (ICCESEN 2017) 4-8 October 2017, Kemer-ANTALYA, TURKEY., Antalya, Turkey, 4 - 08 October 2017, pp.189
II. **A Comparison of Adjusted Kernel Smoothing with Classical Smoothing in Terms of Mean Square Error**
GÜNDÜZ N., AYDIN C., BAŞAR E., BALİBEYOĞLU J.
ICCESEN-3rd International Conference on Computational and Experimental Science and Engineering (ICCESEN 2016), Antalya, Turkey, 14 - 19 October 2016
III. **Bias Reducing Approach for Some Robust Estimators and Estimation of the Roughness and Bandwidth Selection in the Case of Kernel Estimation**
AYDIN C., GÜNDÜZ N., BAŞAR E.
ICCESEN-2nd International Conference on Computational and Experimental Science and Engineering (ICCESEN 2015), Antalya, Turkey, 14 - 19 October 2015
IV. **A Bias Reducing Approach for Some Robust Estimators by Predicting Roughness in Case of Kernel**

Estimation
AYDIN C., GÜNDÜZ TEKİN N., BAŞAR E.
International Conference on Computational and Experimental Science and Engineering (ICCESEN), Antalya, Turkey, 14 - 19 October 2015, pp.169

V. **Bias Reducing Approach for Some Robust Estimators in the Case of Kernel Estimation**
AYDIN C., GÜNDÜZ TEKİN N., BAŞAR E.
ICAS 2015 International Conference on Advances in Statistics, Dubai, United Arab Emirates, 24 - 26 March 2015

VI. **Performans of Some Robust Estimators for Weibull Distribution**
GÜNDÜZ N., BAŞAR E., AYDIN C.
ICCESEN-International Conference on Computational and Experimental Science and Engineering, Antalya, Turkey, 25 - 29 October 2014

VII. **Performance of Some Robust Estimators for Weibull Distribution**
GÜNDÜZ TEKİN N., BAŞAR E., AYDIN C.
International Conference on Computational and Experimental Science and Engineering (ICCESEN), Antalya, Turkey, 25 - 29 October 2014, pp.184

VIII. **Kantil tabanlı sağlam tahmin ediciler**
GÜNDÜZ TEKİN N., BAŞAR E., AYDIN C.
15. Uluslararası Ekonometri, Yöneylem Araştırması ve İstatistik Kongresi, Süleyman Demirel Üniversitesi, Isparta, Turkey, 22 - 25 May 2014, pp.134

IX. **Durdurulmuş Yaşam Sürdürme Verisi için Orantılı Hazard ve Hızlandırılmış Başarısızlık Zamanı Modeli**
BAŞAR E., GÜNDÜZ N.
4. İstatistik Kongresi, Antalya, Turkey, 8 - 12 May 2005, pp.83-88

Metrics

Publication: 11
Citation (WoS): 5
Citation (Scopus): 4
H-Index (WoS): 1
H-Index (Scopus): 1