Prof. BARIŞ SÜRÜCÜ

Personal Information

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International Researcher IDs
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Education Information

Doctorate, Middle East Technical University, Graduate School of Natural and Applied Sciences, İstatistik (Dr), Turkey 1999 - 2003
Postgraduate, Middle East Technical University, Graduate School of Natural and Applied Sciences, İstatistik (Yl) (Tezli), Turkey 1996 - 1999
Undergraduate, Middle East Technical University, Faculty of Arts and Sciences, Department of Statistics, Turkey 1991 - 1996

Foreign Languages

English, C1 Advanced

Academic Titles / Tasks

Associate Professor, Middle East Technical University, Faculty of Arts and Sciences, Department of Statistics, 2004 - Continues

Courses

STATISTICS BY REAL LIFE EXAMPLES, Undergraduate, 2017 - 2018
PROBABILITY I, Undergraduate, 2018 - 2019
MULTIVARIATE ANALYSIS, Undergraduate, 2018 - 2019
ADVANCED THEORY OF STATISTICS II, Doctorate, 2017 - 2018

Advising Theses

SÜRÜCÜ B., Imbalanced learning techniques: Experiments on NCAA college basketball league player statistics dataset, Postgraduate, E.GÜLER(Student), 2022
SÜRÜCÜ B., Prediction of basketball game results using machine learning algorithms: Analysis of NBA & TBL, Postgraduate, C.KAHRAMAN(Student), 2022

SÜRÜCÜ B., Modelling and forecasting age-segmented mortality: evaluation of lLe-Carter method and its extensions, Postgraduate, R.Sıda(Student), 2019

SÜRÜCÜ B., ALEMDAROĞLU H. N., Reliability analysis of tactical unmanned aerial vehicle (UAV), Postgraduate, Y.KOÇ(Student), 2017

SÜRÜCÜ B., Estimation in interval censored data, Doctorate, K.BAYRAMOĞLU(Student), 2014

SÜRÜCÜ B., Quality control charts based on ranked set sampling under various symmetric distributions, Postgraduate, D.EGEMEN(Student), 2013

SÜRÜCÜ B., Performance budgeting system in Turkey: Problems and solution proposals, Postgraduate, S.ÇATAK(Student), 2010

SÜRÜCÜ B., Effect of estimation in goodness-of-fit tests, Postgraduate, E.EREN(Student), 2009

SÜRÜCÜ B., Robust control charts, Postgraduate, A.ÇETİNYÜREK(Student), 2006

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Testing for censored bivariate distributions with applications to environmental data**
SÜRÜCÜ B.
ENVIRONMENTAL AND ECOLOGICAL STATISTICS, vol.22, no.4, pp.637-649, 2015 (SCI-Expanded)

II. **Effectiveness of Non-Ablative Three Dimensional (3D) Skin Rejuvenation: A Retrospective Study Involving 46 Patients**
Civas E., Aksoy B., SÜRÜCÜ B., Koc E., Aksoy H. M.
PHOTOMEDICINE AND LASER SURGERY, vol.28, no.5, pp.685-692, 2010 (SCI-Expanded)

III. **MMLEs are as good as M-estimators or better**
Tiku M. L., SÜRÜCÜ B.
STATISTICS & PROBABILITY LETTERS, vol.79, no.7, pp.984-989, 2009 (SCI-Expanded)

IV. **Monitoring reliability for a three-parameter Weibull distribution**
SÜRÜCÜ B., SAZAK H. S.
RELIABILITY ENGINEERING & SYSTEM SAFETY, vol.94, no.2, pp.503-508, 2009 (SCI-Expanded)

V. **An Open, Randomized, Controlled, Comparative Study of the Combined Effect of Intralesional Triamcinolone Acetonide and Onion Extract Gel and Intralesional Triamcinolone Acetonide Alone in the Treatment of Hypertrophic Scars and Keloids**
Koc E., Arca E., SÜRÜCÜ B., Kurumlu Z.
DERMATOLOGIC SURGERY, vol.34, no.11, pp.1507-1514, 2008 (SCI-Expanded)

VI. **A power comparison and simulation study of goodness-of-fit tests**
Sueruecue B.
COMPUTERS & MATHEMATICS WITH APPLICATIONS, vol.56, no.6, pp.1617-1625, 2008 (SCI-Expanded)

VII. **Assessing the validity of a statistical distribution: some illustrative examples from dermatological research**
SÜRÜCÜ B., Koc E.
CLINICAL AND EXPERIMENTAL DERMATOLOGY, vol.33, no.3, pp.239-242, 2008 (SCI-Expanded)

VIII. **Goodness-of-fit tests for multivariate distributions**
Sueruecue B.
COMMUNICATIONS IN STATISTICS-THEORY AND METHODS, vol.35, no.7, pp.1319-1331, 2006 (SCI-Expanded)

IX. **Goodness-of-fit tests based on Kullback-Leibler information**
ŞENOĞLU B., SÜRÜCÜ B.
IEEE Transactions on Reliability, vol.53, no.3, pp.357-361, 2004 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

I. **Reliability Analysis of Tactical Unmanned Aerial Vehicle (UAV)**

SÜRÜCÜ B., KOÇ Y., ALEMDAROĞLU H. N.

3rd Ankara International Aerospace Conference, Ankara, Turkey, 20 - 22 September 2017, pp.1-16

II. **A new robust quality control chart**

SÜRÜCÜ B., EGEMEN D.

CFE-CMStatistics 2016, Sevilla, Spain, 9 - 11 December 2016, vol.1, pp.204

III. **Hazard rate and reliability function predictions for future observations**

SÜRÜCÜ B.

8th International Conference of the ERCIM WG on Computational and Methodological Statistics, 12 - 14 December 2015

IV. **Quality Control Charts Based on Ranked Set Sampling**

Didem E., SÜRÜCÜ B.

9th International Statistics Congress, 28 October - 01 November 2015

V. **Estimating hazard rate for censored structures**

SÜRÜCÜ B.

55th Meeting of the Working Group for Commodities and Financial Modelling, 14 - 16 May 2015

Supported Projects

SÜRÜCÜ B., Project Supported by Higher Education Institutions, İkiden Fazla Kategoriye Sahip Derecelendirme İçin Eşik Değerlerinin Bulunması: Kredi Riski Ve Medikal Diagnostik Alanlarında Uygulama, 2010 - Continues

Salihoğlu B., Yücel M., Şahin Yücel E., Ibello V., Akoğlu E., Örek H., Ok M., Karahan A., Uysal Z., Sürücü B., et al., H2020 Project, BRIDGE-BS: Advancing Black Sea Research and Innovation to Co-Develop Blue Growth within Resilient Ecosystems , 2021 - 2025

SÜRÜCÜ B., Other International Funding Programs, BES Müşterilerinin Çapraz Satış Optimizasyonunun Gerçekleştirilmesi Amacıyla Tahminsel Model ve Yazılımının Geliştirilmesi, 2016 - 2017

SÜRÜCÜ B., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, yüksek öğretim, 2016 - 2016

SÜRÜCÜ B., TUBITAK Project, survey, 2014 - 2016

SÜRÜCÜ B., TUBITAK Project, Tutulu Satış (Mortgage) Ödeyememe Riskinin Bayes Modellemesi: Türkiye Piyasasına Uygulamalar, 2007 - 2011

Köksal G., Batmaz İ., Doğru A. H., Sazak H. S., Sürücü B., Technopark, SPAC Soft Araştırma ve Yazılım Geliştirme Projesi, 2004 - 2006

Metrics

Publication: 14
Citation (WoS): 169
Citation (Scopus): 227
H-Index (WoS): 6
H-Index (Scopus): 7

Non Academic Experience

METU
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McMaster University
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