

## Prof. BARIŞ SÜRÜCÜ

### Personal Information

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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 (YI) (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

### Advising Theses

SÜRÜCÜ B., Modelling and forecasting age-segmented mortality: evaluation of ILe-Carter method and its extensions, Postgraduate, R.SIDA(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

### Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

#### 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 (Journal Indexed in SCI)

#### 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 (Journal Indexed in SCI)

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

### **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

### **Citations**

Total Citations (WOS):147

h-index (WOS):6