

Prof. BİLGEHAN GÜVEN

Personal Information

Office Phone: [+90 286 218 0018](tel:+902862180018) Extension: 1703

Email: bguven@comu.edu.tr

Web: <https://avesis.comu.edu.tr/bguven>

Address: Çanakkale Onsekiz Mart üniversitesi Terzioğlu Yerleşkesi Fen Edebiyat Fakültesi Çanakkale/TURKEY

Education Information

Doctorate, The University of Wisconsin Madison, Graduate School, Statistics, United States Of America 1987 - 1992

Post Graduate, Middle East Technical University, Fen Bilimleri Enstitü, Matematik, Turkey 1981 - 1984

Under Graduate, Middle East Technical University, Fen-Edebiyat Fakültesi, İstatistik, Turkey 1977 - 1981

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Estimation in Simple Linear Rrgression with One-Fold Nested Error, University of Wisconsin-Madison, Graduate School, Statistics, 1992

Post Graduate, Parameter Identification in Distributed Parameter Systems, Middle East Technical University, Gradute School Of Natural And Applied Sciences, Mathematics, 1984

Research Areas

Statistics, Natural Sciences

Academic Titles / Tasks

Professor, Canakkale Onsekiz Mart University, Fen-Edebiyat, Matematik, 2008 - Continues

Assistant Professor, Middle East Technical University, Fen-Edebiyat Fakültesi, İstatistik, 1997 - 2008

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

- I. **A mixed model for complete three or higher way layout with two random factors**
GÜVEN B.
JOURNAL OF MULTIVARIATE ANALYSIS, vol.139, pp.45-55, 2015 (Journal Indexed in SCI)
- II. **Test for random effects in the Fuller-Battese Model**
GÜVEN B.
STATISTICS, vol.48, pp.802-814, 2014 (Journal Indexed in SCI)
- III. **The spectral decomposition of a covariance matrix for the balanced mixed analysis of variance moel**

GÜVEN B.

LINEAR ALGEBRA AND ITS APPLICATIONS, no.436, pp.3337-3346, 2013 (Journal Indexed in SCI)

- IV. **Approximate test in unbalanced two-way random model without interaction**
GÜVEN B.
STATISTICAL PAPERS, vol.53, pp.753-856, 2012 (Journal Indexed in SCI Expanded)
- V. **Test of independence for generalized Fairlie-Gumbel-Morganstrain distribution**
GÜVEN B., Kotz S.
JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS, no.212, pp.102-111, 2008 (Journal Indexed in SCI)
- VI. **The limiting distributiof of the F-statistic from nonnormal Universes**
GÜVEN B.
STATISTICS, vol.40, pp.545-557, 2006 (Journal Indexed in SCI)
- VII. **Minimum variance quadratic unbiased estimation for variance components in simple linear regression with one-fold nested error**
GÜVEN B.
COMMUNICATIONS IN STATISTICS-THEORY AND METHODS, vol.35, pp.1309-1319, 2006 (Journal Indexed in SCI Expanded)
- VIII. **Inference for variance components in a mixed model for unbalanced split plot design**
GÜVEN B.
COMMUNICATIONS IN STATISTICS-THEORY AND METHODS, vol.34, no.1, pp.101-112, 2005 (Journal Indexed in SCI)
- IX. **Test of independence in Farlie-Gumbel-Morgenstrain Distribution**
GÜVEN B.
COMMUNICATIONS IN STATISTICS-THEORY AND METHODS, vol.32, pp.1753-1765, 2003 (Journal Indexed in SCI Expanded)
- X. **Maxcimium likelihood estimation in simple linear regression with one-fold nested error**
GÜVEN B.
COMMUNICATIONS IN STATISTICS-THEORY AND METHODS, vol.24, pp.121-130, 1995 (Journal Indexed in SCI Expanded)
- XI. **Asymptotic properties of maximum likelihood estimation mixed an alysis of variance model**
GÜVEN B.
STATISTICAL PAPERS, vol.36, pp.175-182, 1995 (Journal Indexed in SCI Expanded)

Articles Published in Other Journals

- I. **APPROXIMATE TEST FOR TESTING A NULL VARIANCE RATIO IN THE UNBALANCED ONE-WAY RANDOM MODEL**
Demircioglu S., GÜVEN B.
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.69, no.1, pp.23-36, 2020 (Journal Indexed in ESCI)
- II. **The Kolmogrov goodness of fit test of independence based on copulas**
GÜVEN B.
Coomun. Fac. Sci. Ank. Univ. Series A1, vol.52, pp.117-122, 2003 (International Refereed University Journal)
- III. **The uniformly better unbiased estimator for the slope parameter in simple linear regression with one-fold nested error**
GÜVEN B.
İstatistik The Journal of Turkish Statistical Association, vol.1, pp.21-27, 1998 (Refereed Journals of Other Institutions)