

Prof. SEVİL BACANLI

Personal Information

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Education Information

Doctorate, Hacettepe Üniversitesi, Fen Fakültesi, İstatistik Bölümü, Turkey 1988 - 1995

Post Graduate, Hacettepe Üniversitesi, Fen Fakültesi, İstatistik Bölümü, Turkey 1986 - 1988

Under Graduate, Hacettepe Üniversitesi, Fen Fakültesi, İstatistik Bölümü, Turkey 1981 - 1986

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Post Graduate, Korelasyon katsayısının ardışık testi, Hacettepe Üniversitesi, Fen Fakültesi, İstatistik Bölümü, 1988

Research Areas

Statistics, Statistical Analysis and Applications, Natural Sciences

Academic Titles / Tasks

Professor, Hacettepe Üniversitesi, Fen Fakültesi, İstatistik Bölümü, 2015 - Continues

Associate Professor, Hacettepe Üniversitesi, Fen Fakültesi, İstatistik Bölümü, 2009 - 2015

Assistant Professor, Hacettepe Üniversitesi, Fen Fakültesi, İstatistik Bölümü, 1995 - 2010

Advising Theses

BACANLI S., Olasılık oran testine dayalı kontrol kartları, Post Graduate, D.ERKEK(Student), 2013

BACANLI S., Sonradan Tabakalı Örneklem Yönteminde Rastgeleleştirilmiş Cevap Modelleri, Post Graduate, T.TUNCEL(Student), 2012

BACANLI S., İki ve üç aşamalı örneklem yöntemlerinde örneklem büyüklüğünün belirlenmesi, Post Graduate, P.UÇAR(Student), 2009

BACANLI S., Hazard oranının testinde uyarlamalı grup ardışık düzenler, Doctorate, Y.PARLAK(Student), 2009

BACANLI S., Profil analizi, Post Graduate, B.ŞENGÜL(Student), 2006

BACANLI S., Yaşam analizinde grup ardışık test yöntemlerinin karşılaştırılması, Post Graduate, Y.PARLAK(Student), 2004

BACANLI S., Yaşam testinde kullanılan dağılımların ardışık testi, Post Graduate, Ü.KEMERKAYA(Student), 2004

BACANLI S., Hipotez testlerinde örneklem büyüklüklerinin belirlenmesi, Post Graduate, A.OYMAK(Student), 2004

BACANLI S., Uyarlamalı konjoint analizi, Post Graduate, E.DENİZ(Student), 2002
BACANLI S., Dairesel veriler ve ardışık testlerde kullanımı, Doctorate, K.ÖZGÜR(Student), 2002
BACANLI S., İki aşamalı düzenlerde hipotez testi, Post Graduate, K.ÖZGÜR(Student), 1998

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

- I. **Hypothesis testing for the inverse Gaussian distribution mean based on ranked set sampling**
KARADAĞ ÇAMAN Ö., BACANLI S.
JOURNAL OF STATISTICAL COMPUTATION AND SIMULATION, vol.90, pp.2384-2394, 2020 (Journal Indexed in SCI)
- II. **A group sequential test of circular data using the von Mises distribution**
Peker K. O. , BACANLI S.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.44, pp.1569-1578, 2015 (Journal Indexed in SCI)
- III. **Hypothesis testing for the mean of inverse Gaussian distribution using alpha-cuts**
İÇEN D., BACANLI S.
SOFT COMPUTING, vol.19, pp.113-119, 2015 (Journal Indexed in SCI)
- IV. **Fuzzy approach of group sequential test for binomial case**
BACANLI S., İÇEN D., Emri S.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.43, pp.1017-1034, 2014 (Journal Indexed in SCI)
- V. **Power Comparisons for Group Sequential Tests with Nonparametric Statistics in Case of Nonproportional Hazards**
Demirhan H., Demirhan Y. P. , BACANLI S.
JOURNAL OF BIOPHARMACEUTICAL STATISTICS, vol.23, pp.447-460, 2013 (Journal Indexed in SCI)
- VI. **A simulation study on power comparisons for group sequential tests of non-parametric statistics**
Demirhan Y. P. , Demirhan H., Bacanli S.
JOURNAL OF STATISTICAL COMPUTATION AND SIMULATION, vol.79, pp.769-785, 2009 (Journal Indexed in SCI)
- VII. **RATIO ESTIMATORS WITH UNEQUAL PROBABILITY DESIGNS**
BACANLI S., KADILAR C.
PAKISTAN JOURNAL OF STATISTICS, vol.24, pp.167-172, 2008 (Journal Indexed in SCI)
- VIII. **A group sequential test for the inverse Gaussian mean**
Bacanli S., Demirhan Y. P.
STATISTICAL PAPERS, vol.49, pp.377-386, 2008 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Fuzzy Approach for Group Sequential Test**
İÇEN D., BACANLI S., GÜNEY S.
Advances in Fuzzy Systems, pp.1-9, 2014 (Refereed Journals of Other Institutions)
- II. **Sequential Probability Ratio Test of Correlation Coefficient Using Fuzzy Hypothesis Testing**
BACANLI S., İÇEN D.
Open Journal of Statistics, pp.195-199, 2013 (Refereed Journals of Other Institutions)
- III. **Ashtma like symptoms prevalence in five Turkish urban centers**
EMRİ K. A. S. , TURNAGÖL H. H. , BAŞOĞLU S., BACANLI S., GÜVEN G., ASLAN D.
Allergol Immunopathology, vol.33, pp.270-276, 2005 (Refereed Journals of Other Institutions)
- IV. **Asthma-like symptoms prevalence in five Turkish urban centers**
Emri S., TURNAGÖL H. H. , Başoğlu S., Bacanlı S., Güven G., Aslan D.
Allergol et Immunopathol, vol.33, pp.270-276, 2005 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- I. **Testing fuzzy hypotheses based on sequential test statistic an application to medical dataset**
İÇEN D., BACANLI S.
Second International Researchers Statisticians and Young Statisticians Congress, 4 - 08 May 2016
- II. **Fuzzy Approach for Inverse Gaussian Distribution**
İÇEN D., BACANLI S.
4th International Conference on Mathematical and Computational Applications, Manisa, Turkey, 11 - 13 June 2013
- III. **Group Sequential Test for Fuzzy Hypothesis Testing**
İÇEN D., BACANLI S., GÜNEY S.
Prague Stochastics, Prag, Czech Republic, 30 August - 03 September 2010

Supported Projects

BACANLI S., Project Supported by Higher Education Institutions, Binomial Durum için Grup Ardışık Testte Bulanık Yaklaşım, 2016 - 2017

Citations

Total Citations (WOS):15

h-index (WOS):2