

Assoc. Prof. NESRİN ALKAN

Personal Information

Office Phone: [+90 242 310 1823](tel:+902423101823)

Email: nesrinalkan@akdeniz.edu.tr

Web: <https://avesis.akdeniz.edu.tr/nesrinalkan>

Education Information

Doctorate, Ondokuz Mayıs University, Institute Of Science, İstatistik, Turkey 2008 - 2012

Foreign Languages

English, B1 Intermediate

Research Areas

Statistics, Statistical Analysis and Applications, Natural Sciences

Academic Titles / Tasks

Associate Professor, Akdeniz University, Faculty of Economics and Administrative Sciences, Department of Business,
2019 - Continues

Academic and Administrative Experience

Sinop University, İstatistik Bölümü, 2017 - 2019

Sinop University, İstatistik Bölümü, 2014 - 2017

Advising Theses

ALKAN N., Cox Regresyon Modelinde Kayıp Veri Problemi İçin Çözüm Önerileri, Postgraduate, Öğrenci(Student), 2019

Published journal articles indexed by SCI, SSCI, and AHCI

I. Assessing convergence diagnostic tests for Bayesian Cox regression

Alkan N.

COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, vol.46, no.4, pp.3201-3212, 2017 (SCI-Expanded)

II. Using informative priors for handling missing data problem in Cox regression

Alkan N., Terzi Y., Cengiz M. A.

COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, vol.46, no.10, pp.7614-7623, 2017 (SCI-Expanded)

- III. **A comparison of different procedures for principal component analysis in the presence of outliers**
Alkan B. B., ATAKAN C., Alkan N.
JOURNAL OF APPLIED STATISTICS, vol.42, no.8, pp.1716-1722, 2015 (SCI-Expanded)

Articles Published in Other Journals

- I. **Investigation of the Multiple Imputation Method in Different Missing Ratios and sample Sizes**
ALKAN N., ALKAN B. B.
Sakarya University Journal of Science, vol.23, no.4, pp.605-609, 2019 (Peer-Reviewed Journal)
- II. **DAYANIKLI LİNEER DİSKRİMİNANT ANALİZİ İÇİN YENİ BİR YAKLAŞIM**
ALKAN B. B., ATAKAN C., ALKAN N.
Erciyes Üniversitesi Fen Bilimleri Enstitüsü Fen Bilimleri Dergisi, vol.34, no.2, pp.12-19, 2018 (Peer-Reviewed Journal)
- III. **VISUAL EXAMINATION OF OUTLIERS EFFECTS ON DIFFERENT RESIDUAL ANALYSIS METHODS**
Alkan N., Alkan B. B.
EPRA International Journal of Research and Development, vol.3, no.6, pp.81-87, 2018 (Peer-Reviewed Journal)
- IV. **Aykırı Değer Varlığında Cox Regresyon Analizi için Yeni Bir Yaklaşım**
ALKAN N., ALKAN B. B.
Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.22, no.2, pp.637-643, 2018 (Peer-Reviewed Journal)
- V. **Determining the Sample Size and Power for Cox Regression Analysis**
ALKAN N., TERZİ Y., ALKAN B. B.
International Journal of Medical and Health Sciences., vol.4, no.4, pp.414-420, 2015 (Peer-Reviewed Journal)
- VI. **Logrank Testi için Güç analizi ve Örnek genişliğinin Hesaplanması**
ALKAN N., TERZİ Y., ALKAN B. B.
International Anatolia Academic Online Journal, vol.3, no.2, pp.19-28, 2015 (Peer-Reviewed Journal)
- VII. **Use of biplot technique for the comparison of the missing value imputation methods**
Alkan B. B., ALKAN N., ATAKAN C., Terzi Y.
International Journal of Data Analysis Techniques and Strategies, vol.7, no.3, pp.217-230, 2015 (Scopus)
- VIII. **Comparison of missing data analysis methods in cox proportional hazard models**
ALKAN N., TERZİ Y., CENGİZ M. A., ALKAN B. B.
Türkiye Klinikleri Journal of Biostatistics, vol.5, no.2, pp.49-54, 2013 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Psychometric Properties of Turkish version of the Smoke Scale Assessing Passive Smoking for Adults and Children: Validity and Reliability Study**
BAL ÖZKAPTAN B., ALKAN N.
V. International Multidisciplinary Congress of Eurasia, 24 - 26 July 2018
- II. **The Performance of Robust Cox regression Analysis in the Violation of Proportional Hazard Assumption**
ALKAN N., ALKAN B. B.
International Conference on Mathematics, İstanbul, Turkey, 3 - 06 July 2018
- III. **The Determination of the Effect of Missing Rate and Sample Size on Multiple Imputation Method**
ALKAN N., ALKAN B. B.
International Conference on Mathematics, İstanbul, Turkey, 3 - 06 July 2018
- IV. **Robust Sparse Principal Component Analysis in the Presence of Outliers**

ALKAN B. B., ALKAN N.

International Conference on Mathematics, 3 - 06 July 2018

V. **An Alternative Approach for Discriminant Analysis in the Presence of Outliers**

ALKAN B. B., ALKAN N.

International Conference on Mathematics, 3 - 06 July 2018

VI. **The Problem of Outliers in Cox Regression Models**

ALKAN N., ALKAN B. B.

International Conference on Computational and Statistical Methods in Applied Sciences, 9 - 11 November 2017

VII. **The Solution Proposal for Missing Value in Cox Regression Model**

ALKAN N., ALKAN B. B.

International Conference on Computational and Statistical Methods in Applied Sciences, 9 - 11 November 2017

VIII. **Bayesci Cox regresyonda MCMC Yakınsama Kriterlerinin Değerlendirilmesi**

ALKAN N., TERZİ Y., CENGİZ M. A.

8th International Statistics Congress, pp.267-268, Antalya/Turkey, 27 - 30 October 2013

IX. **The Examination of Stock Exchange Returns by Fuzzy Principal Component Analysis**

ALKAN B. B., SİNAN A., ALKAN N.

26th European Conference on Operational Research, ROMA, Italy, 1 - 04 July 2013

X. **Bayesci Cox Regresyonda Kayıp Veri İçin Çoklu Değer Atama**

TERZİ Y., ALKAN N., TERZİ E.

14th International Symposium on Econometrics Operation Research and Statistic, pp.292, Sarajevo/Bosnia-Hersegovina, 24 - 28 May 2013

XI. **Comparison of Classic and Bayesian Cox Regression Analysis with Missing Value**

ALKAN N., TERZİ Y., CENGİZ M. A.

8th International Symposium of Statistics, Eskişehir, 11 - 13 October 2012

XII. **Cox Regresyon Modelinde Kayıp Verilerin İşlendiği Yöntemlerin Karşılaştırılması**

ALKAN N., TERZİ Y.

13th International Conference on Econometrics, Operations Research and Statistics-ICEOS 2012, Famagusta, North Cyprus, 24 - 26 May 2012

XIII. **Cox Oransal Hazard Modelinde Aykırı Değerler ve Etkili Gözlemler**

ALKAN N., TERZİ Y., CENGİZ M. A.

12th international Symposium on Econometrics Statistics and Operations Research, Pamukkale University department of econometrics, Denizli, 26 - 29 May 2011

XIV. **Logrank Testlerinin Güç Analizi**

TERZİ Y., BEK Y., ALKAN N.

12. Ulusal Biyoistatistik Kongresi, Yüzüncü Yıl Üniversitesi, Van, Turkey, 28 June - 01 July 2010

XV. **Cox Regresyon da Örnek Genişliği ve Güç Analizi**

ALKAN N., TERZİ Y., TERZİ E., MURAT N.

7. İstatistik Günleri Sempozyumu, ODTÜ, Ankara, Turkey, 28 - 30 June 2010

XVI. **Kompozite Veriler İçin Biplot Analizi ve Bir Uygulama**

ALKAN N.

4. İstatistik Kongresi, Antalya, Turkey, 8 - 12 May 2005

Metrics

Publication: 28

Citation (WoS): 9

Citation (Scopus): 15

H-Index (WoS): 1

H-Index (Scopus): 2