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Kişisel Bilgiler

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Uluslararası Araştırmacı ID'leri

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Publons / Web Of Science ResearcherID: ABI-5496-2020

ScopusID: 36183213900

Yoksis Araştırmacı ID: 110523

Eğitim Bilgileri

Doktora, Marmara Üniversitesi, Fen - Edebiyat Fakültesi, Matematik Bölümü, Türkiye 2005 - 2010

Yüksek Lisans, Marmara Üniversitesi, Fen - Edebiyat Fakültesi, Matematik Bölümü, Türkiye 2002 - 2005

Lisans, Marmara Üniversitesi, Fen - Edebiyat Fakültesi, Matematik Bölümü, Türkiye 1998 - 2002

Yaptığı Tezler

Doktora, İç İlişki Durumunda Cox Oransal Hazard Modeli İçin Farklı Tahmin Edicilerin İncelenmesi, Marmara Üniversitesi, Fen - Edebiyat Fakültesi, Matematik Bölümü, 2010

Yüksek Lisans, Modelleme Sürecinde Weibull Dağılımının Kullanılması, Marmara Üniversitesi, Fen - Edebiyat Fakültesi, Matematik Bölümü, 2005

Araştırma Alanları

İstatistik, Temel Bilimler

Akademik Unvanlar / Görevler

Prof. Dr., Marmara Üniversitesi, Fen - Edebiyat Fakültesi, İstatistik Bölümü, 2021 - Devam Ediyor

Doç. Dr., Marmara Üniversitesi, Fen - Edebiyat Fakültesi, İstatistik Bölümü, 2016 - 2021

Yrd. Doç. Dr., Marmara Üniversitesi, Fen - Edebiyat Fakültesi, İstatistik Bölümü, 2013 - 2016

Araştırma Görevlisi, Marmara Üniversitesi, Fen - Edebiyat Fakültesi, İstatistik Bölümü, 2009 - 2013

Araştırma Görevlisi, Marmara Üniversitesi, Fen - Edebiyat Fakültesi, Matematik Bölümü, 2003 - 2009

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- Adaptive Elastic Net Based on Modified PSO for Variable Selection in Cox Model with High-Dimensional Data: A Comprehensive Simulation Study**
Sancar N., Onakpojeruo E. P., İNAN D., Uzun Ozsahin D.
IEEE Access, cilt.11, ss.127302-127316, 2023 (SCI-Expanded)

- II. **Type-1 fuzzy forecasting functions with elastic net regularization**
Tak N., İNAN D.
EXPERT SYSTEMS WITH APPLICATIONS, cilt.199, 2022 (SCI-Expanded)
- III. **Serum kisspeptin levels along reproductive period in women: is it a marker for aging?**
EREL C. T., ÖZÇİVİT İ. B., İNAN D., Mut A., Karakus Hatipoglu B., KONUKOĞLU D.
GYNECOLOGICAL ENDOCRINOLOGY, cilt.38, ss.267-272, 2022 (SCI-Expanded)
- IV. **A new alternative estimation method for Liu-type logistic estimator via particle swarm optimization: an application to data of collapse of Turkish commercial banks during the Asian financial crisis**
Sancar N., İnan D.
JOURNAL OF APPLIED STATISTICS, cilt.48, sa.13-15, ss.2499-2514, 2021 (SCI-Expanded)
- V. **Serum kisspeptin levels correlated with anti-mullerian hormone levels in women with and without polycystic ovarian syndrome**
Mut A., Erel C. T., İNAN D., Oner Y. O.
GYNECOLOGICAL ENDOCRINOLOGY, cilt.37, sa.5, ss.462-466, 2021 (SCI-Expanded)
- VI. **Binary particle swarm optimization as a detection tool for influential subsets in linear regression**
Deliorman G., İnan D.
JOURNAL OF APPLIED STATISTICS, cilt.48, sa.13-15, ss.2441-2456, 2021 (SCI-Expanded)
- VII. **Er:YAG laser treatment of urinary incontinence after failed TOT/TVT procedures**
EREL C., Carazo Fernandez L. D., İNAN D., Makul M.
EUROPEAN JOURNAL OF OBSTETRICS & GYNECOLOGY AND REPRODUCTIVE BIOLOGY, cilt.252, ss.399-403, 2020 (SCI-Expanded)
- VIII. **Particle swarm optimization based ridge logistic estimator**
İNAN D., Sancar N.
COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, cilt.49, sa.3, ss.669-683, 2020 (SCI-Expanded)
- IX. **Identification of influential observations based on binary particle swarm optimization in the cox PH model**
Sancar N., İNAN D.
COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, cilt.49, sa.3, ss.567-590, 2020 (SCI-Expanded)
- X. **Predictive factors for the efficacy of Er:YAG laser treatment of urinary incontinence**
Erel C. T., İNAN D., Mut A.
MATURITAS, cilt.132, ss.1-6, 2020 (SCI-Expanded)
- XI. **A novel method as a diagnostic tool for the detection of influential observations in the Cox proportional hazards model**
SANCAR N., İNAN D.
Quality & Quantity, cilt.52, ss.1253-1266, 2018 (SCI-Expanded)
- XII. **Particle swarm optimization based Liu-type estimator**
İNAN D., EĞRİOĞLU E., Sarica B., AŞKIN Ö. E., TEZ M.
COMMUNICATIONS IN STATISTICS-THEORY AND METHODS, cilt.46, sa.22, ss.11358-11369, 2017 (SCI-Expanded)
- XIII. **Combining the Liu-type estimator and the principal component regression estimator**
İnan D.
STATISTICAL PAPERS, cilt.56, sa.1, ss.147-156, 2015 (SCI-Expanded)
- XIV. **Analysing effect of the factors on ultrasonic seam tensile properties of nonwoven fabrics by Nested Anova Design**
KAYAR M., MISTIK S. İ., İNAN D.
INTERNATIONAL JOURNAL OF CLOTHING SCIENCE AND TECHNOLOGY, cilt.27, sa.6, ss.803-817, 2015 (SCI-Expanded)
- XV. **Biological variations of ADAMTS13 and von Willebrand factor in human adults**
Kilercik M., COŞKUN A., SERTESER M., İNAN D., Unsal I.
BIOCHEMIA MEDICA, cilt.24, sa.1, ss.138-145, 2014 (SCI-Expanded)

- XVI. **Liu-Type Logistic Estimator**
İnan D., Erdogan B.
COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, cilt.42, ss.1578-1586, 2013 (SCI-Expanded)
- XVII. **A New Estimator for Cox Proportional Hazard Regression Model in Presence of Collinearity**
İNAN D., TEZ M.
COMMUNICATIONS IN STATISTICS-THEORY AND METHODS, cilt.41, ss.2437-2444, 2012 (SCI-Expanded)
- XVIII. **DETERMINATION OF STRESS RESPONSES INDUCED BY ALUMINUM IN MAIZE (ZEA MAYS)**
VARDAR F., İsmailoğlu I., İNAN D., Unal M.
ACTA BIOLOGICA HUNGARICA, cilt.62, sa.2, ss.156-170, 2011 (SCI-Expanded)
- XIX. **CYTOTOXIC EFFECTS OF AN ELECTROMAGNETIC FIELD ON THE MERISTEMATIC ROOT CELLS OF LENTILS (Lens clunaris Medik.)**
Eren P., VARDAR F., BİR BİR Y., İNAN D., Uenal M.
FRESENIUS ENVIRONMENTAL BULLETIN, cilt.19, sa.3, ss.481-488, 2010 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **A simple mathematical tool to forecast COVID-19 cumulative case numbers**
Balak N., İnan D., Ganau M., Zoia C., Sönmez S., Kurt B., Akgül A., Tez M.
CLINICAL EPIDEMIOLOGY AND GLOBAL HEALTH, cilt.12, 2021 (ESCI)
- II. **A Modelling Approach to Increase the Explained Risk in the Proportional Hazards Regression**
İNAN D., AŞKIN Ö. E.
Journal of the Turkish Statistical Association, cilt.11, ss.1-11, 2018 (Hakemli Dergi)
- III. **Parameter Estimation of Shared Frailty Models Based on Particle Swarm Optimization**
AŞKIN Ö. E., İNAN D., BÜYÜKLÜ A. H.
International Journal of Statistics and Probability, cilt.6, ss.48-58, 2017 (Hakemli Dergi)
- IV. **Liu type estimator in cox proportional hazard regression model in presence of collinearity**
İNAN D., TEZ M.
20TH INTERNATIONAL CONFERENCE, EURO MINI CONFERENCE CONTINUOUS OPTIMIZATION AND KNOWLEDGE-BASED TECHNOLOGIES, EUROPT'xx2008, ss.301-305, 2008 (Hakemli Dergi)

Kitap & Kitap Bölümleri

- I. **İşletme, İktisat ve Sosyal Bilimler İçin İstatistik. Excel, SPSS, R ve Matlab Uygulamalı**
İnan D.
Nobel Yayın Dağıtım, İstanbul, 2020

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Type-1 Penalized Regression Functions**
TAK N., İNAN D.
11 th. International Statistics Congress ISC2019, 4 - 08 Ekim 2019
- II. **Estimating Optimal Value for the Shrinkage and Biasing Parameters in Liu-Type Logistic Regression based on Particle Swarm Optimization**
SANCAR N., İNAN D.
11 th. International Statistics Congress ISC2019, 4 - 08 Ekim 2019
- III. **Binary Particle Swarm Optimization as a Detection Tool for Influential Subsets in Linear Regression**
İNAN D., DELİORMAN G.
11 th. International Statistics Congress ISC2019, 4 - 08 Ekim 2019

- IV. **Type-1 Panelized Regression Functions**
TAK N., İNAN D.
11TH International Statistics Congress, Muğla, Türkiye, 4 - 08 Ekim 2019
- V. **Liu-type Logistic Estimator based on Particle Swarm Optimization**
SANCAR N., İNAN D.
21st European Young Statisticians meeting, Belgrade, Sırbistan Ve Karadağ, 29 Temmuz - 02 Ağustos 2019, ss.23-24
- VI. **Particle Swarm Optimization Based Ridge Logistic Estimator.**
İNAN D., SANCAR N.
International Conference on Trends and Perspectivesin Linear Statistical Inference, Bedlowo, Polonya, 20 - 24 Ağustos 2018
- VII. **A novel Method for Detection of Inuential DataPoints in Cox Model**
SANCAR N., İNAN D.
International Conference on Trends and Perspectivesin Linear Statistical Inference, Bedlewo, Polonya, 20 - 24 Ağustos 2018
- VIII. **Detection of Outliers in Survival Data by Using Press-Type Residuals**
İNAN D.
IRSYSC 2017 – 3RD INTERNATIONAL RESEARCHERS, STATISTICIANS AND YOUNG STATISTICIANS CONGRESS, 24 - 26 Mayıs 2017
- IX. **Sağkalım Modellerinin Tahmin Performansının Bulanık C Ortalamalar Algoritması Kullanılarak Arttırılması**
İNAN D.
TOBB ETU Endüstri Mühendisliği Bölüm Seminerleri, Türkiye, 09 Kasım 2016
- X. **Robust Estimation for Cox Regression Model Based on Sufficient Jackknife After Bootstrap Method**
İNAN D.
International Conference on Trends and Perspectives in Linear Statistical Inference (Linstat2016), 22 - 25 Ağustos 2016
- XI. **A Novel Modelling Approach to Increase the Explained Risk in the Proportional Hazards Regression**
İNAN D., AŞKIN Ö. E., SARICA B.
The 10th Tartu Conference on Multivariate Statistics, Tartu, Estonya, 28 Haziran - 01 Temmuz 2016
- XII. **A novel Modelling Approach to Increase the Explained Risk in the Proportional Hazards Regression**
İNAN D., AŞKIN Ö. E., SARICA B.
Tartu Conference on Multivariate Statistics, Tartu, Estonya, 28 Haziran - 01 Temmuz 2016
- XIII. **A New Approach to Improve the Prediction Performance of the Proportional Hazards Regression**
İnan D., Aşkın Ö. E., Sarıca B.
X th International Statistics Days Conference, Giresun, Türkiye, 7 - 09 Ekim 2016, ss.14-22
- XIV. **Weibull Regression Model with Shared Gamma Frailty**
Aşkın Ö. E., İnan D.
European Young Statisticians Meeting, Praha, Çek Cumhuriyeti, 31 Ağustos - 04 Eylül 2015
- XV. **Particle Swarm Optimization Based Liu Type Estimator**
İnan D., Eğrioğlu E., Tez M., Sarıca B.
The Seventh International Conference on Mathematical Statistics (PROBASTAT), Bratislava, Slovakya, 29 Haziran - 03 Temmuz 2015
- XVI. **An Alternative Estimation Method For Shared Frailty Models**
Aşkın Ö. E., İnan D., Büyüklü A. H.
The Seventh International Conference on Mathematical Statistics (PROBASTAT), Bratislava, Slovakya, 29 Haziran - 03 Temmuz 2015
- XVII. **Particle Swarm Optimization Based Liu Type Estimator**
İNAN D., EĞRİOĞLU E., TEZ M., SARICA B.
7 th International Confrence on Probabilty and Statistics, 29 Haziran - 03 Temmuz 2015
- XVIII. **A Comparison of Compound Poisson Class Distributions**

Aşkın Ö. E., İnan D., Büyüklü A. H.

The International Conference on Trends and Perspectives in Linear Statistical Inference (LinStat2014), Linköping, İsveç, 24 - 26 Ağustos 2014

XIX. Modeling multiple time series data using wavelet-based support vector regression

İnan D., Eygi Erdoğan B.

International Conference on Trends and Perspectives in Linear Statistics, Poznan, Polonya, 16 - 20 Haziran 2012

XX. Combining the Liu Type Estimator and the Principal Component Regression Estimator A Comparative Simulation Study

İNAN D.

European Young Statisticians Meeting, 17th EYSM, 5 - 09 Eylül 2011

XXI. A Liu Type Logistic Regression Estimator

İnan D., Eygi Erdoğan B.

International 7th Statistics Congress-İSTKON, Antalya, Türkiye, 28 Nisan - 01 Mayıs 2011

XXII. A New Estimator for Cox Proportional Hazard Regression Model in Presence of Collinearity

İNAN D., TEZ M.

International Conference on Trends and Perspectives in Linear Statistical Inference (LINSTAT), Tomar, Portekiz, 27 Haziran - 03 Temmuz 2010

XXIII. Alüminyum stresinin mısır kökleri üzerindeki etkileri

VARDAR F., İSMAİLOĞLU I., İNAN D., ÜNAL M.

20. Ulusal Biyoloji Kongresi, Türkiye, 21 - 25 Haziran 2010

XXIV. Yinelemeli Olay Analizi ve Çocuk Suçluluğu Üzerine bir Uygulama

Tez M., İnan D.

6. İstatistik Günleri Sempozyumu, Samsun, Türkiye, 28 - 30 Ağustos 2009

XXV. Liu type estimator in cox proportional hazard regression model in presence of collinearity

İNAN D., TEZ M.

20th International Conference/Euro Mini Conference on Continuous Optimization and Knowledge-Based Technologies (EuroOPT 2008), Neringa, Litvanya, 20 - 23 Mayıs 2008, ss.301-305

XXVI. Hızlandırılmış yaşam testi uygulamalarında iki parametrelili Weibull regresyon modelleri

İNAN D., TEZ M.

5. İstatistik Kongresi, Ankara, Türkiye, 20 - 24 Mayıs 2007

Bilimsel Dergilerdeki Faaliyetler

Turkish Journal of Forecasting, Editörler Kurulu Üyesi, 2017 - Devam Ediyor

Bilimsel Hakemlikler

COMMUNICATIONS IN STATISTICS-THEORY AND METHODS, SCI-E Kapsamındaki Dergi, Mayıs 2018

JOURNAL OF APPLIED STATISTICS, SCI-E Kapsamındaki Dergi, Nisan 2017

COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, SCI-E Kapsamındaki Dergi, Mart 2017

COMMUNICATIONS IN STATISTICS-THEORY AND METHODS, SCI-E Kapsamındaki Dergi, Haziran 2016

JOURNAL OF APPLIED STATISTICS, SCI-E Kapsamındaki Dergi, Mart 2016

COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, SCI-E Kapsamındaki Dergi, Şubat 2016

COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, SCI-E Kapsamındaki Dergi, Ekim 2015

STATISTICAL PAPERS, SCI-E Kapsamındaki Dergi, Mayıs 2015

COMPUTATIONAL STATISTICS & DATA ANALYSIS, SCI-E Kapsamındaki Dergi, Mayıs 2015

Communications In Statistics-Simulation And Computation, SCI-E Kapsamındaki Dergi, Aralık 2014

Communications In Statistics-Theory And Methods, SCI-E Kapsamındaki Dergi, Ağustos 2014

Etkinlik Organizasyonlarındaki Görevler

İnan D., Young Business and Industrial Statisticians (y-BIS) Workshop on Recent Advances in Data Science and Business Analytics, Bilimsel Kongre / Sempozyum Organizasyonu, İstanbul, Türkiye, Eylül 2019

İnan D., 21st European Young Statisticians Meeting, Bilimsel Kongre / Sempozyum Organizasyonu, Belgrade, Sırbistan Ve Karadağ, Ağustos 2019

İnan D., International Conference on Trends and Perspectives in Linear Statistical Inference LINSTAT 2016, Bilimsel Kongre / Sempozyum Organizasyonu, İstanbul, Türkiye, Aralık 2016

Metrikler

Yayın: 51

Atıf (WoS): 161

Atıf (Scopus): 171

H-İndeks (WoS): 7

H-İndeks (Scopus): 8