

Res. Asst. PhD ÖZLEM AKAY

Personal Information

Office Phone: [+90 322 338 6084](tel:+903223386084) Extension: 2441

Email: oakay@cu.edu.tr

Web: <https://avesis.cu.edu.tr//oakay>

Address: Çukurova Üniversitesi Fen Edebiyat Fak. İstatistik Bölümü

International Researcher IDs

ORCID: 0000-0002-9539-7252

Yoksis Researcher ID: 110707

Education Information

Doctorate, Cukurova University, Fen Bilimleri Enstitüsü, İstatistiksel Bilgi Sistemleri, Turkey 2013 - 2018

Postgraduate, Selcuk University, Institute Of Science, İstatistik Ana Bilim Dalı, Turkey 2008 - 2011

Undergraduate, Selcuk University, Faculty Of Arts And Sciences, Department Of Statistics, Turkey 2004 - 2008

Dissertations

Postgraduate, Cep Telefonu Seçiminin Bulanık Analitik Hiyerarşi ve Bulanık Analitik Ağ Süreci ile Belirlenmesi, Selcuk University, İstatistik, İstatistik, 2011

Research Areas

Statistics, Statistical Analysis and Applications, Natural Sciences

Academic Titles / Tasks

Research Assistant PhD, Cukurova University, Fen-Edebiyat Fakültesi, İstatistik, 2011 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **DETERMINATION OF THE FACTORS AFFECTING AIR POLLUTION BY ANALYSIS OF CLUSTERED MIXED-TYPE PANEL DATA**
AKAY Ö., YÜKSEL G.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.29, no.1, pp.659-671, 2020 (SCI-Expanded)
- II. **Investigation into the relationship between fatal work accidents, national income, and employment rate in developed and developing countries**
Kahraman E., Akay Ö., Kılıç A. M.
JOURNAL OF OCCUPATIONAL HEALTH, vol.61, pp.213-218, 2019 (SCI-Expanded)
- III. **Hierarchical clustering of mixed variable panel data based on new distance**
Akay Ö., Yüksel G.
COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, 2019 (SCI-Expanded)

- IV. **Clustering the mixed panel dataset using Gower's distance and k-prototypes algorithms**
AKAY Ö., YÜKSEL G.
COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, vol.47, no.10, pp.3031-3041, 2018 (SCI-Expanded)

Articles Published in Other Journals

- I. **The Impact of the COVID-2019 on Mining Export Revenue in Turkey**
AKAY Ö., KAHRAMAN E.
International Journal Natural and Engineering Sciences (IJNES), vol.16, no.2, pp.75-82, 2022 (Peer-Reviewed Journal)
- II. **The Factors Affecting Textile Production Amounts of Leading Countries in Textile Export: Dynamic Panel Data Analysis**
AKAY Ö., GÜNDÜZ S., GÜNDÜZ F. F.
Nicel Bilimler Dergisi, vol.2, no.2, 2020 (Peer-Reviewed Journal)
- III. **A Comparison of the Relationship Between Electricity Consumption and Gross Domestic Product According to Development Status of Countries**
AKAY Ö., KAHRAMAN E., KILIÇ A. M.
NATURENGS, vol.1, no.1, pp.1-10, 2020 (Peer-Reviewed Journal)
- IV. **Determination of the Factors Affecting Cotton Export of Turkey: A Panel Gravity Model Approach**
GÜNDÜZ F. F., AKAY Ö., GÜNDÜZ S., ÖZÇİÇEK DÖLEKOĞLU C.
Akademik Hassasiyetler, vol.7, no.13, pp.547-564, 2020 (Peer-Reviewed Journal)
- V. **DEMOGRAFİK FAKTÖRLERE GÖRE KONUT TALEBİ İÇİN TÜRKİYE İLLERİNİN UYGUN KÜMELEME YÖNTEMİYLE SINIFLANDIRILMASI**
çelik c., AKAY Ö., KIRAL G.
Akademik Hassasiyetler, 2019 (Peer-Reviewed Journal)
- VI. **Kağıt ve Kağıt Ürünleri Üretimi ve Gayri Safi Yurt içi Hasılabın Elektrik Enerjisi Tüketimine Etkisi**
AKAY Ö.
Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, pp.1006-1012, 2019 (Peer-Reviewed Journal)
- VII. **Konut Talebine Göre Benzer Özellik Gösteren Türkiye İllerinin Panel Veri Kümeleme Analizi ile Belirlenmesi**
AKAY Ö., çelik c., KIRAL G.
Uluslararası Ekonomi ve Yenilik Dergisi, 2019 (Peer-Reviewed Journal)
- VIII. **Türkiye’de Halk Kütüphanesi Kullanımının Panel Veri Kümeleme Analizi ile İncelenmesi**
AKAY Ö.
OPUS Uluslararası Toplum Araştırmaları Dergisi, 2019 (Peer-Reviewed Journal)
- IX. **Cep Telefonu Seçiminin Bulanık Analitik Hiyerarşi ve Bulanık Analitik Ağ Süreci ile Belirlenmesi**
AKAY Ö., YAPICI PEHLİVAN N.
Selçuk Üniversitesi Sosyal Bilimler Enstitüsü Dergisi, no.40, pp.161-175, 2018 (Peer-Reviewed Journal)
- X. **Prediction of Grain Products in Turkey**
AKAY Ö., BOZKURT G., YÜKSEL G.
Journal of Mathematics and Statistics, vol.13, no.3, pp.220-230, 2017 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Hipotez Testi**
ÇALIŞ N., TABAKAN G., KIRAL E., İNAN D., ALIN A., KIRAL G., AKAY Ö., ALTAŞ D., ŞENGÜL S., OĞUZHAN A., et al.
in: İşletme, İktisat ve Sosyal Bilimler İçin İstatistik (Excel, SPSS, R ve Matlab Uygulamalı), Seda Şengül, Gülsen Kral, Editor, Nobel, Ankara, pp.237-270, 2020

Refereed Congress / Symposium Publications in Proceedings

- I. **ADANA'DA FARKLI SEKTÖRLERDE ÇALIŞAN BİREYLERİN İŞMEMNUNİYETİNİN İNCELENMESİ**
AKAY Ö., KIRAL G.
5. Avrasya Uygulamalı Bilimler Kongresi, 15 - 17 November 2019
- II. **Clustering with Genetic Algorithm: A Simulation Study**
TEKELİ E., AKAY Ö., YÜKSEL G.
5th International Researchers, Statisticians and Young Statisticians Congress, 18 - 20 October 2019
- III. **Konut Fiyatlarını Etkileyen Faktörler: Türkiye Örneği**
KIRAL G., Çelik c., AKAY Ö.
Akdeniz Zirvesi 2. Uluslararası Uygulamalı Bilimler Kongresi, 18 - 20 October 2019
- IV. **Gurbetçi Türkler İle Yabancı Ülke Vatandaşlarının Türkiye'deki Konut Taleplerinin İncelenmesi**
AKAY Ö., ÇELİK C., KIRAL G.
Akdeniz 2. Uluslararası Uygulamalı Bilimler Kongresi, Hatay, Turkey, 18 - 19 October 2019
- V. **BULANIK ZAMAN SERİSİ İLE SATIŞ PERFORMANSI TAHMİNİ**
AKAY Ö., ALTINDAĞ İ.
ÇUKUROVA 3. ULUSLARARASI BİLİMSEL ARAŞTIRMALAR KONGRESİ, 3 - 06 October 2019, pp.449-457
- VI. **Evaluation of Relationship between Electricity Consumption and Gross Domestic Product Using Panel Data**
AKAY Ö., KAHRAMAN E., KILIÇ A. M.
3th International Mediterranean Science and Engineering Congress (IMSEC 2018), Turkey, 24 - 26 October 2018, pp.164-168
- VII. **Evaluation of Relationship between Electricity Consumption and Gross Domestic Product Using Panel Data Analysis**
AKAY Ö., KAHRAMAN E., KILIÇ A. M.
3th International Mediterranean Science and Engineering Congress (IMSEC 2018), Adana, Turkey, 24 - 26 October 2018, pp.164-168
- VIII. **Assembling of Structural Equation Model and Fuzzy Analytic Hierarchy Process Methods: An Application for Residence Selection**
AKAY Ö., ALTINDAĞ İ.
11. International Statistics Days Conference, Muğla, Turkey, 3 - 07 October 2018
- IX. **Investigation on the Factors Affecting air Pollution by Clustered Panel Data Analysis**
AKAY Ö., YÜKSEL G.
International Conference on Computational and Statistical Methods in Applied Sciences, 9 - 11 November 2017
- X. **Kağıt ve Kağıt Ürünleri Üretiminde Elektrik Enerjisi Tüketimine Etkisi**
AKAY Ö.
2nd International Mediterranean Science and Engineering Congress (IMSEC 2017), 25 - 27 October 2017
- XI. **The Effect of Unemployment, Divorce Rate, Internal Migration and Education Status on Crime: an assessment for Turkey**
AKAY Ö.
3rd International Researchers, Statisticians and Young Statisticians Congress (3rd IRSYSC-2017), 24 - 26 May 2017
- XII. **Cluster Analysis using Gower's Distance for Panel Data**
AKAY Ö., YÜKSEL G.
5th International Eurasian Conference on Mathematical Sciences and Applications, Belgrade, Serbia, 16 - 19 August 2016, pp.190
- XIII. **Prediction of Grain Products in Turkey**
AKAY Ö., Bozkurt G., YÜKSEL G.
IECMSA-2014 3rd International Eurasian Conference on Mathematical Sciences and Applications, Viyana, Austria, 25 - 28 August 2014, pp.423

Supported Projects

AKAY Ö., Project Supported by Higher Education Institutions, Zaman Serisi ile Kümeleme, 2020 - 2021

YÜKSEL G., TEKELİ E., AKAY Ö., Project Supported by Higher Education Institutions, Genetik Algoritma ile Uygun Karma Modelin Seçimi, 2018 - 2020

Metrics

Publication: 30

Citation (WoS): 18

Citation (Scopus): 20

H-Index (WoS): 2

H-Index (Scopus): 2