

Prof. HACI HASAN ÖRKÜ

Personal Information

Email: hhorkcu@gazi.edu.tr

Web: <https://avesis.gazi.edu.tr/hhorkcu>

International Researcher IDs

ScholarID: mNBEmr0AAAAJ

ORCID: 0000-0002-2888-9580

Publons / Web Of Science ResearcherID: AAA-8571-2020

ScopusID: 14123783500

Yoksis Researcher ID: 27434

Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, İstatistik (Dr), Turkey 2004 - 2009

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, İstatistik (YI) (Tezli), Turkey 2001 - 2004

Undergraduate, Gazi University, Fen-Edebiyat Fakültesi, İstatistik Pr., Turkey 1997 - 2001

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Ayırma analizine matematiksel programlama ve yapay sinir ağları yaklaşımları, Gazi University, Fen Bilimleri Enstitüsü, İstatistik (Dr), 2009

Postgraduate, Etkinlik analizinde ağırlık dağılımı problemine çok kriterli bir yaklaşım, Gazi University, Fen Bilimleri Enstitüsü, İstatistik (YI) (Tezli), 2004

Research Areas

Statistics, Statistical Analysis and Applications, Natural Sciences

Academic Titles / Tasks

Professor, Gazi University, Fen Fakültesi, İstatistik, 2019 - Continues

Associate Professor, Gazi University, Fen Fakültesi, İstatistik, 2014 - 2019

Assistant Professor, Gazi University, Fen Fakültesi, İstatistik, 2011 - 2014

Research Assistant, Gazi University, Fen Fakültesi, İstatistik, 2002 - 2010

Academic and Administrative Experience

Rectorate Commissioner, Gazi University, Fen Fakültesi, İstatistik, 2022 - Continues
Head of Department, Gazi University, Fen Fakültesi, İstatistik, 2021 - Continues
Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Gazi University, Fen Fakültesi, İstatistik, 2016 - Continues
Rectorate Commissioner, Gazi University, Fen Fakültesi, İstatistik, 2021 - 2023
Vice Dean, Gazi University, Fen Fakültesi, İstatistik, 2021 - 2023
Rektörlük Stratejik Plan Komisyonu Üyesi, Gazi University, Fen Fakültesi, İstatistik, 2020 - 2023
Fakülte Kurulu Üyesi, Gazi University, Fen Fakültesi, İstatistik, 2019 - 2022
Deputy Head of Department, Gazi University, Fen Fakültesi, İstatistik, 2016 - 2021
Fakülte Yönetim Kurulu Üyesi, Gazi University, Fen Fakültesi, İstatistik, 2016 - 2019
Gazi University, Fen Fakültesi, İstatistik Bölümü, 2013 - 2016
Gazi University, Fen Fakültesi, İstatistik Bölümü, 2011 - 2013

Courses

Yöneylem Araştırması II, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019
Operations Research, Undergraduate, 2022 - 2023, 2021 - 2022
Optimizasyon, Postgraduate, 2023 - 2024
Optimization Techniques I, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021
Simulation Techniques, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017
Stochastic Processes, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017
Optimizasyon Teknikleri II, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019
İstatistikte Sezgisel Optimizasyon, Postgraduate, 2020 - 2021, 2019 - 2020

Advising Theses

ÖRKÜ H. H., ODTÜ Teknokent' te faaliyet gösteren firmaların etkinliğinin veri zarflama analizi ile incelenmesi, Postgraduate, Ö.SEVİM(Student), 2020
ÖRKÜ H. H., A Study On A New Copula Function Based On Utility Copula For Dependent Actuarial Risks, Doctorate, K.DURUKAN(Student), 2019
ÖRKÜ H. H., Biclustering Method In The Analysis Of Criminal Data: An Application On Smuggling Data, Doctorate, R.ARSLAN(Student), 2018
ÖRKÜ H. H., Portfolio Optimization With Data Envelopment Analysis Based Particle Swarm Algorithm: An Application In Istanbul Stock Exchange Index (Bist100), Postgraduate, T.ÖZSOY(Student), 2017
ÖRKÜ H. H., Türk yenilenebilir enerji sektörünün analizi: Bir bootstrap-veri zarflama analizi yaklaşımı, Postgraduate, E.BETÜL(Student), 2017
ÖRKÜ H. H., New Approach To Classification Problems Based On Artificial Neural Networks And Data Envelopment Analysis, Doctorate, M.İSA(Student), 2016
ÖRKÜ H. H., The Evaluation Of The Efficiency Of The Provinces In Turkey With Socio-Economic Main Indicators By Data Envelopment Analysis, Postgraduate, E.ÇAKMAK(Student), 2016
ÖRKÜ H. H., Ankara'daki hastanelerin etkinliğinin iki aşamalı veri zarflama analizi ile incelenmesi, Postgraduate, M.KANDEMİR(Student), 2016
ÖRKÜ H. H., The Efficiency Investigation Of Turkish Airport By Malmquist Index And Multi-Period Two-Stage Data Envelopment Analysis, Postgraduate, M.KEMAL(Student), 2015
ÖRKÜ H. H., Service, construction and manufacturing sectors performance analysis with data envelopment analysis, Postgraduate, E.AKTAŞ(Student), 2014
ÖRKÜ H. H., The investigation of electricity distribution companies efficiency in Turkey by the data envelopment analysis, Postgraduate, O.DÖNMEZÇELİK(Student), 2014

ÖRKÜ H. H., A branch of the public bank of the performance evaluation with data envelopment analysis, Postgraduate, S.KARATAŞ(Student), 2014

ÖRKÜ H. H., Forecasting an economic growth model using artificial neural networks and application of Turkey, Postgraduate, M.İSA(Student), 2012

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Towards net zero emissions target: Energy modelling of the transport sector in Türkiye**
Dönmezçelik O., KOÇAK E., ÖRKÜ H. H.
ENERGY, vol.279, 2023 (SCI-Expanded)
- II. **A multi-objective programming approach to Weibull parameter estimation**
KOÇAK E., DEMİR YURTSEVEN E., ÖRKÜ H. H.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.51, no.2, pp.543-558, 2022 (SCI-Expanded)
- III. **A multi-objective programming-based approach to material life prediction: Weibull distribution application**
KOÇAK E., ÖRKÜ H. H.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.37, no.4, pp.1783-1792, 2022 (SCI-Expanded)
- IV. **A minimax approach for selecting the overall and stage-level most efficient unit in two stage production processes**
Ozsoy V. S., ÖRKÜ M., ÖRKÜ H. H.
ANNALS OF OPERATIONS RESEARCH, vol.300, no.1, pp.137-169, 2021 (SCI-Expanded)
- V. **Structural and operational management of Turkish airports: a bootstrap data envelopment analysis of efficiency**
Ozsoy V. S., ÖRKÜ H. H.
UTILITIES POLICY, vol.69, 2021 (SCI-Expanded)
- VI. **A simplistic approach without epsilon to choose the most efficient unit in data envelopment analysis**
Ozsoy V. S., ÖRKÜ H. H., ÖRKÜ M.
EXPERT SYSTEMS WITH APPLICATIONS, vol.168, 2021 (SCI-Expanded)
- VII. **Structural, morphological and gas sensing properties of Zn_{1-x}Sn_xO thin films by SILAR method**
Er I. K., YILDIRIM M. A., ÖRKÜ H. H., ATEŞ A., ACAR S.
APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING, vol.127, no.4, 2021 (SCI-Expanded)
- VIII. **Use of the heuristic optimization in the parameter estimation of generalized gamma distribution: comparison of GA, DE, PSO and SA methods**
Ozsoy V. S., ÜNSAL M. G., ÖRKÜ H. H.
COMPUTATIONAL STATISTICS, vol.35, no.4, pp.1895-1925, 2020 (SCI-Expanded)
- IX. **An optimistic-pessimistic DEA model based on game cross efficiency approach**
ÖRKÜ M., Ozsoy V. S., ÖRKÜ H. H.
RAIRO-OPERATIONS RESEARCH, vol.54, no.4, pp.1215-1230, 2020 (SCI-Expanded)
- X. **A neutral cross efficiency approach for basic two stage production systems**
ÖRKÜ H. H., Ozsoy V. S., ÖRKÜ M., BAL H.
EXPERT SYSTEMS WITH APPLICATIONS, vol.125, pp.333-344, 2019 (SCI-Expanded)
- XI. **A novel network data envelopment analysis model for performance measurement of Turkish electric distribution companies**
Petridis K., ÜNSAL M. G., Dey P. K., ÖRKÜ H. H.
ENERGY, vol.174, pp.985-998, 2019 (SCI-Expanded)
- XII. **A new approach based on regression analysis and mathematical programming to multi-group classification problems**
DOĞAN M. İ., Orman A., ÖRKÜ M., ÖRKÜ H. H.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.34, no.4, pp.1939-

1955, 2019 (SCI-Expanded)

- XIII. **Particle Swarm Optimization Applied to Parameter Estimation of the Four-Parameter Burr III Distribution**
Ozsoy V. S., ÖRKÜ H. H., BAL H.
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY TRANSACTION A-SCIENCE, vol.42, pp.895-909, 2018 (SCI-Expanded)
- XIV. **A modified test for detecting influential decision-making units in data envelopment analysis**
Acarlar I., ŞAHİN TEKİN S. T., ÖRKÜ H. H.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.47, no.1, pp.129-144, 2018 (SCI-Expanded)
- XV. **Ranking decision making units with the integration of the multi-dimensional scaling algorithm into PCA-DEA**
ÜNSAL M. G., ÖRKÜ H. H.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.46, no.6, pp.1187-1197, 2017 (SCI-Expanded)
- XVI. **A note for weight restriction in the ARIII model based on correlation coefficients**
ÜNSAL M. G., ÖRKÜ H. H.
APPLIED MATHEMATICAL MODELLING, vol.40, pp.10820-10827, 2016 (SCI-Expanded)
- XVII. **An evaluation of the operational efficiency of turkish airports using data envelopment analysis and the Malmquist productivity index: 2009-2014 case**
ÖRKÜ H. H., Balıkcı C., Dogan M. I., GENÇ A.
TRANSPORT POLICY, vol.48, pp.92-104, 2016 (SSCI)
- XVIII. **A modification of a mixed integer linear programming (MILP) model to avoid the computational complexity**
ÖRKÜ H. H., ÜNSAL M. G., BAL H.
ANNALS OF OPERATIONS RESEARCH, vol.235, no.1, pp.599-623, 2015 (SCI-Expanded)
- XIX. **Estimating the parameters of 3-p Weibull distribution using particle swarm optimization: A comprehensive experimental comparison**
ÖRKÜ H. H., Ozsoy V. S., AKSOY E., Dogan M. I.
APPLIED MATHEMATICS AND COMPUTATION, vol.268, pp.201-226, 2015 (SCI-Expanded)
- XX. **Estimating the parameters of 3-p Weibull distribution through differential evolution**
ÖRKÜ H. H., AKSOY E., Dogan M. I.
APPLIED MATHEMATICS AND COMPUTATION, vol.251, pp.211-224, 2015 (SCI-Expanded)
- XXI. **Subset selection in multiple linear regression models: A hybrid of genetic and simulated annealing algorithms**
ÖRKÜ H. H.
APPLIED MATHEMATICS AND COMPUTATION, vol.219, no.23, pp.11018-11028, 2013 (SCI-Expanded)
- XXII. **Goal programming approaches for data envelopment analysis cross efficiency evaluation**
ÖRKÜ H. H., BAL H.
APPLIED MATHEMATICS AND COMPUTATION, vol.218, no.2, pp.346-356, 2011 (SCI-Expanded)
- XXIII. **Comparing performances of backpropagation and genetic algorithms in the data classification**
ÖRKÜ H. H., BAL H.
EXPERT SYSTEMS WITH APPLICATIONS, vol.38, no.4, pp.3703-3709, 2011 (SCI-Expanded)
- XXIV. **A new mathematical programming approach to multi-group classification problems**
BAL H., ÖRKÜ H. H.
COMPUTERS & OPERATIONS RESEARCH, vol.38, no.1, pp.105-111, 2011 (SCI-Expanded)
- XXV. **Improving the discrimination power and weights dispersion in the data envelopment analysis**
BAL H., ÖRKÜ H. H., Celebioglu S.
COMPUTERS & OPERATIONS RESEARCH, vol.37, no.1, pp.99-107, 2010 (SCI-Expanded)
- XXVI. **A new method based on the dispersion of weights in data envelopment analysis**
BAL H., ÖRKÜ H. H., Celebioglu S.
COMPUTERS & INDUSTRIAL ENGINEERING, vol.54, no.3, pp.502-512, 2008 (SCI-Expanded)
- XXVII. **DATA ENVELOPMENT ANALYSIS APPROACH TO TWO-GROUP CLASSIFICATION PROBLEMS AND AN**

EXPERIMENTAL COMPARISON WITH SOME CLASSIFICATION MODELS

BAL H., ÖRKÜ H. H.

HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.36, no.2, pp.169-180, 2007 (SCI-Expanded)

XXVIII. **An experimental comparison of the new goal programming and the linear programming approaches in the two-group discriminant problems**

Bal H., ÖRKÜ H. H., Celebioglu S.

COMPUTERS & INDUSTRIAL ENGINEERING, vol.50, no.3, pp.296-311, 2006 (SCI-Expanded)

Articles Published in Other Journals

- I. **Modeling of wind speed using differential evolution: Istanbul case**
Koçak E., Özsoy V. S., Örkü H. H.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES, vol.42, no.3, pp.1, 2024 (ESCI)
- II. **Influence Of Finishing Procedures On Surface Roughness and Biaxial Flexural Strength Of High-translucent 4 Y-PSZ, 5 Y-PSZ, and 6Y-PSZ Monolithic Zirconia**
Uzoneyüpoğlu G., Demiralp E., Koçak E., Örkü H. H., Aydın C., Yılmaz H.
CLINICAL AND EXPERIMENTAL HEALTH SCIENCES, no., pp.1-11, 2023 (ESCI)
- III. **Analysis of the performance of METU Technoparks firms with data envelopment analysis models**
ÖRKÜ H. H., Sevim O.
JOURNAL OF POLYTECHNIC-POLITEKNİK DERGİSİ, 2022 (ESCI)
- IV. **Performance management of OECD countries on Covid-19 pandemic: a criticism using data envelopment analysis models**
DOĞAN M. İ., Ozsoy V. S., ÖRKÜ H. H.
JOURNAL OF FACILITIES MANAGEMENT, vol.19, no.4, pp.479-499, 2021 (ESCI)
- V. **Measuring the Efficiency of Turkish State Universities Based on a Two-Stage DEA Model**
KOÇAK E., ÖRKÜ H. H.
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.34, no.4, pp.1210-1220, 2021 (ESCI)
- VI. **Parametre Tahmininde Farklı Doğrusal Programlama Modellerinin Karşılaştırılması**
Koçak E., Örkü H. H.
Gazi Üniversitesi Fen Fakültesi Dergisi (GÜFFD), vol.1, pp.22-35, 2020 (Peer-Reviewed Journal)
- VII. **The most efficient supplier selection with mixed-integer two-stage data envelopment analysis model**
Ozsoy V. S., ÖRKÜ M., Orku H. H.
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSİTESİ MUHENDİSLİK BİLİMLERİ DERGİSİ, vol.26, no.4, pp.758-767, 2020 (ESCI)
- VIII. **RISK PREMIUM FOR DEPENDENT RISKS USING UTILITY COPULAS AND RISK AVERSION**
DURUKAN K., ÖRKÜ H. H., KIZILOK KARA E.
İSTATİSTİK: JOURNAL OF THE TURKISH STATISTICAL ASSOCIATION, vol.12, 2019 (Peer-Reviewed Journal)
- IX. **Şehirlerin Suç Türlerine Göre İkili Kümeleme Yöntemi ile Gruplandırılması: Türkiye Örneği**
ALTUNKAYNAK B., ÖRKÜ H. H., ARSLAN R.
Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.22, pp.110-120, 2018 (Peer-Reviewed Journal)
- X. **TÜRKİYE'DE SEKTÖRLERİN ÖLÜMLÜ KAZA TÜRLERİNE GÖRE KÜMELENMESİ: İKİLİ KÜMELEME YÖNTEMİ**
KOCATÜRK A., ALTUNKAYNAK B., ÖRKÜ H. H.
Uluslararası İktisadi ve İdari İncelemeler Dergisi, pp.871-882, 2018 (Peer-Reviewed Journal)
- XI. **Kaçakçılıkta Yakalanan Malzeme Türlerine Göre Suçluların Kümelenmesi: İkili Kümeleme Yöntemi**
ARSLAN R., ÖRKÜ H. H., ALTUNKAYNAK B.
Uluslararası İktisadi ve İdari İncelemeler Dergisi, vol.18, 2018 (Peer-Reviewed Journal)
- XII. **Türkiye'deki İllerin Etkinliğinin Sosyo Ekonomik Göstergelerle Veri Zarflama Analizi Kullanılarak İncelenmesi**
Çakmak E., ÖRKÜ H. H.

Karabük Üniversitesi Sosyal Bilimler Enstitüsü Dergisi, vol.6, no.1, pp.30-48, 2016 (Peer-Reviewed Journal)

- XIII. **Estimating the Parameters of Nonlinear Regression Models Through Particle Swarm Optimization**
Ozsoy V. S., ÖRKÜ H. H.
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.29, no.1, pp.187-199, 2016 (ESCI)
- XIV. **Veri Zarflama Analizi Tabanlı Yeni Bir Hibrid İki Gruplu Sınıflandırma Modeli**
ÖRKÜ H. H., DOĞAN M. İ.
Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.19, no.3, pp.26-38, 2015 (Peer-Reviewed Journal)
- XV. **Data Envelopment Analysis Cross Efficiency Evaluation Approach to the Technology Selection**
ÖRKÜ H. H., ÖRKÜ M.
Gazi University Journal of Science Part A: Engineering and Innovation, vol.3, no.1, pp.1-14, 2015 (Peer-Reviewed Journal)
- XVI. **A Hybrid Applied Optimization Algorithm for Training Multi Layer Neural Networks in the Data Classification**
ÖRKÜ H. H., DOĞAN M. İ., ÖRKÜ M.
Gazi University Journal of Science, vol.28, no.1, pp.115-132, 2015 (Scopus)
- XVII. **A Hybrid Applied Optimization Algorithm for Training Multi-Layer Neural Networks in Data Classification**
ÖRKÜ H. H., Dogan M. I., ÖRKÜ M.
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.28, no.1, pp.115-132, 2015 (ESCI)
- XVIII. **Simulation study on copulas**
ŞAHİN TEKİN S. T., najjari v., ÖRKÜ H. H.
Sahand Communications in Mathematical Analysis, vol.1, no.2, pp.55-63, 2014 (ESCI)
- XIX. **A New Approach to Cross Efficiency in Data Envelopment Analysis and Performance Evolution of Turkey Cities**
ÖRKÜ H. H., BAL H.
G.U. Journal of Science, vol.25, no.1, pp.107-117, 2012 (Peer-Reviewed Journal)
- XX. **A Combining Mathematical Programming Method for Multi Group Data Classification**
ÖRKÜ H. H., BAL H.
G.U. Journal of Science, vol.24, no.1, pp.77-84, 2011 (Peer-Reviewed Journal)
- XXI. **Düzenli Hiyerarşik Karar Verme Birimlerinin Etkinlik Değerlendirmesi Üzerine Bir Monte Carlo Çalışması**
ÖRKÜ H. H., ALP İ.
Milli Prodüktivite Merkezi, Verimlilik Dergisi, vol.7, no.3, pp.41-56, 2007 (Peer-Reviewed Journal)
- XXII. **A Goal Programming Approach to Weight Dispersion Problem in Data Envelopment Analysis and Simulation Study**
BAL H., ÖRKÜ H. H.
Gazi University Journal of Science, vol.20, no.4, pp.117-125, 2007 (ESCI)
- XXIII. **The Comparison of Principal Component Analysis and Data Envelopment Analysis in Ranking of Decision Making Units**
KARDİYEN F., ÖRKÜ H. H.
G.U. Journal of Science, vol.19, no.2, pp.127-133, 2006 (Peer-Reviewed Journal)
- XXIV. **An Alternative Model to Fisher and Linear Programming Approaches in Two Group Classification Problem Minimizing Deviations from the Group Median**
BAL H., ÖRKÜ H. H., ÇELEBİOĞLU S.
G.U. Journal of Science, vol.19, no.1, pp.49-55, 2006 (Peer-Reviewed Journal)
- XXV. **Comparison of Principal Component Analysis and Data Envelopment Analysis in Ranking of Decision Making Units**
KARDİYEN F., ÖRKÜ H. H.
Gazi University Journal of Science, vol.19, no.2, pp.127-133, 2006 (Peer-Reviewed Journal)
- XXVI. **İllerin Gelişmişlik Düzeylerini Sıralama ve Sınıflama Bakımından Veri Zarflama Analizi ve Çok**

Değişkenli İstatistiksel Yöntemlerin Karşılaştırılması Üzerine bir Çalışma

ÖRKÜ H. H., KARDİYEN F.

Hacettepe Üniversitesi İktisadi ve İdari Bilimler Fakültesi Dergisi, vol.24, no.2, pp.127-152, 2006 (Peer-Reviewed Journal)

XXVII. Combining the Discriminant Analysis and Data Envelopment Analysis in View of Multiple Criteria Decision Making A New Model

BAL H., ÖRKÜ H. H.

G.U. Journal of Science, vol.18, no.3, pp.355-364, 2005 (Peer-Reviewed Journal)

XXVIII. Veri Zarflama Analizi nde Karar Verme Birimlerinin Sıralanması İçin Sınıflandırma Kriteri Tabanlı Yeni Bir Model

BAL H., ÖRKÜ H. H.

TÜİK İstatistik Araştırma Dergisi, vol.4, no.2, pp.15-25, 2005 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Türkiye'de Bulunan Havalimanı Performanslarının İki Aşamalı Veri Zarflama Analizi İle İncelenmesi**
ÖRKÜ H. H., KOÇAK E.
in: Verimlilik Ölçümünde Güncel Yaklaşımlar, Koçak Deniz, Editor, Adalet Yayınevi, Ankara, pp.63-73, 2021
- II. **ÇOK GRUPLU SINIFLANDIRMA PROBLEMLERİ İÇİN MATEMATİKSELPROGRAMLAMA YAKLAŞIMLARI**
ÖRKÜ M., ÖRKÜ H. H.
in: ACADEMIC STUDIESIN MATHEMATICS AND NATURAL SCIENCES-2019/2, Prof. Dr. Rıdvan KARAPINAR, Editor, IVPE, pp.66-80, 2019
- III. **VERİ ZARFLAMA ANALİZİNDE İYİMSER VE KÖTÜMSER KARAR TEORİLERİNEDAYANAN YENİ BİR YAKLAŞIM**
ÖRKÜ M., ÖRKÜ H. H.
in: GELECEĞİN DÜNYASINDA BİLİMSEL VE MESLEKİ ÇALIŞMALAR2019MATEMATİK VE FEN BİLİMLERİ, PROF. DR. CEM CÜNEYT ERSANLIDOÇ. DR. AYHAN ERCİYESDR. CANAN BAŞLAK, Editor, Ekin Yayınevi, Ankara, pp.68-82, 2019
- IV. **Basit Doğrusal Regresyon ve Korelasyon**
BALİBEYOĞLU J., AYDIN C., EKİZ O. U., EKİZ M., ÖRKÜ H. H., GÜRBÜZSEL E., GÜNEY H., ÇELİK B., ŞAHİN TEKİN S. T., KARDİYEN F., et al.
in: Mühendisler ve Fen Bilimciler için Olasılık ve İstatistik, M.Akif Bakır, Editor, Palme Yayıncılık, pp.389-442, 2016
- V. **15. Bölüm: 2^k Faktöriyel Deneyler ve Kesirler (sayfa 597-654)**
Gündüz Tekin N., Aydın C., Başar E., Balibeyoğlu J., Örkü H. H., Özdemir Güler Z., Altunkaynak B., Kardiye F., Şahin Tekin S. T., Çelik B., et al.
in: Mühendisler ve Fen Bilimciler için Olasılık ve İstatistik, BAKIR,Mehmet Akif, Editor, PALME Yayıncılık, Ankara, pp.597-654, 2016

Refereed Congress / Symposium Publications in Proceedings

- I. **ARIMA ve LSTM Modelleri Kullanarak Hisse Senedi Fiyat Tahmini**
AKSEL B., ÖRKÜ H. H., KASAP R.
41.Yöneylem Araştırması ve Endüstri Mühendisliği Ulusal Kongresi, Denizli, Turkey, 26 September 2022
- II. **Determination of The Most Efficient Cement Producer of Turkey using Mixed Integer Linear Programming Model**
ÖZSOY V. S., Özsoy M. Ü., ÖRKÜ H. H.
20th International Symposium on Econometrics, Operations Research and Statistics, 12 - 14 February 2020
- III. **ON DETERMINATION OF THE MOST EFFICIENT DECISION MAKING UNIT IN DATA ENVELOPMENT ANALYSIS: PERFORMANCE ANALYSIS OF METU TECHNOLIS COMPANIES**

Sevim Ö., ÖRKÜ H. H.

IV. ULUSLARARASİBİLİMSEL VE MESLEKİÇALIŞMALAR KONGRESİ – FEN VE SAĞLIK(BILMES SH 2019 - ANKARA),
7 - 10 November 2019

IV. Elektrik Dağıtım Yatırımlarının Belirlenmesinde Veri Zarflama Analizi Tabanlı Bir Yöntem

ÖRKÜ H. H., dönmezçelik o.

3rd International Symposium on Multidisciplinary Studiesand Innovative Technologies, 10 - 12 October 2019

**V. GENETİK ALGORITMA İLE LEVY DAĞILIMININ PARAMETRELERİNİN TAHMİNEDİLMESİ: BİR
SİMÜLASYON ÇALIŞMASI**

DEMİR E., ÖZSOY V. S., ÖRKÜ H. H.

3rd INTERNATIONAL CONGRESS OF APPLIED SCIENCES, 28 - 30 June 2019

VI. Cross Efficiency Model in Network Data Envelopment Analysis Models

ÖRKÜ H. H., ÖZSOY V. S., ÖRKÜ M.

6th International Symposium on Academic Studies in Science, Engineering and Architecture Sciences, 13 - 15 June
2019

**VII. Estimation of Parameters of Rayleigh Distribution by Differential Evolution Algorithm: A Simulation
Study**

ÖRKÜ H. H., ÖZSOY V. S.

6th International Symposium on Academic Studies in Science, Engineering and Architecture Sciences, Ankara,
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IX. RTM: Interactive estimation tool for modeling real-time wind speed

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X. İki Gruplu Sınıflandırma Problemi İçin Bulanık Programlama Yaklaşımı

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