

Prof. HACI HASAN ÖRKCÜ

Personal Information

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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

Vice Dean, Gazi University, Fen Fakültesi, İstatistik, 2021 - Continues

Head of Department, Gazi University, Fen Fakültesi, İstatistik, 2021 - Continues

Rektörlük Stratejik Plan Komisyonu Üyesi, Gazi University, Fen Fakültesi, İstatistik, 2020 - Continues

Fakülte Kurulu Üyesi, Gazi University, Fen Fakültesi, İstatistik, 2019 - Continues

Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Gazi University, Fen Fakültesi, İstatistik, 2016 - Continues

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

Optimizasyon Teknikleri II, Undergraduate, 2018 - 2019, 2019 - 2020, 2020 - 2021

Stokastik Süreçler, Undergraduate, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020, 2020 - 2021

İstatistikte Sezgisel Optimizasyon, Postgraduate, 2019 - 2020, 2020 - 2021

Yöneylem Araştırması II, Undergraduate, 2018 - 2019, 2019 - 2020, 2020 - 2021

Simulation Techniques, Undergraduate, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020, 2020 - 2021

Advising Theses

ÖRKCÜ H. H. , ODTÜ Teknokent' te faaliyet gösteren firmaların etkinliğinin veri zarflama analizi ile incelenmesi, Postgraduate, Ö.SEVİM(Student), 2020

ÖRKCÜ H. H. , A Study On A New Copula Function Based On Utility Copula For Dependent Actuarial Risks, Doctorate, K.DURUKAN(Student), 2019

ÖRKCÜ H. H. , Biclustering Method In The Analysis Of Criminal Data: An Application On Smuggling Data, Doctorate, R.ARSLAN(Student), 2018

ÖRKCÜ 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

ÖRKCÜ H. H. , Türk yenilenebilir enerji sektörünün analizi: Bir bootstrap-veri zarflama analizi yaklaşımı, Postgraduate, E.BETÜL(Student), 2017

ÖRKCÜ H. H. , New Approach To Classification Problems Based On Artificial Neural Networks And Data Envelopment Analysis, Doctorate, M.İSA(Student), 2016

ÖRKCÜ 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

ÖRKCÜ H. H. , Ankara'daki hastanelerin etkinliğinin iki aşamalı veri zarflama analizi ile incelenmesi, Postgraduate, M.KANDEMİR(Student), 2016

ÖRKCÜ H. H. , The Efficiency Investigation Of Turkish Airport By Malmquist Index And Multi-Period Two-Stage Data Envelopment Analysis, Postgraduate, M.KEMAL(Student), 2015

ÖRKCÜ H. H. , Service, construction and manufacturing sectors performance analysis with data envelopment analysis, Postgraduate, E.AKTAŞ(Student), 2014

ÖRKCÜ H. H. , The investigation of electricity distribution companies efficiency in Turkey by the data envelopment analysis, Postgraduate, O.DÖNMEZÇELİK(Student), 2014

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

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

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

- I. **A simplistic approach without epsilon to choose the most efficient unit in data envelopment analysis**
Özsoy V. S. , Örkücü H. H. , Örkücü M.
Expert Systems With Applications, vol.168, pp.1-12, 2021 (Journal Indexed in SCI)
- II. **Structural, morphological and gas sensing properties of Zn_{1-x}S_xO thin films by SILAR method**
Er I. K. , YILDIRIM M. A. , ÖRKCÜ H. H. , ATEŞ A., ACAR S.
APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING, vol.127, no.4, 2021 (Journal Indexed in SCI)

- III. **Structural and operational management of Turkish airports: a bootstrap data envelopment analysis of efficiency**
Özsoy V. S. , Örkücü H. H.
Utilities Policy, vol.69, pp.1-20, 2021 (Journal Indexed in 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, 2021 (Journal Indexed in SCI)
- V. **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 (Journal Indexed in SCI)
- VI. **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 (Journal Indexed in SCI)
- VII. **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 (Journal Indexed in SCI)
- VIII. **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 (Journal Indexed in SCI)
- IX. **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 (Journal Indexed in SCI)
- X. **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 (Journal Indexed in SCI)
- XI. **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 (Journal Indexed in SCI)
- XII. **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 (Journal Indexed in SCI)
- XIII. **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 (Journal Indexed in SCI)
- XIV. **An evaluation of the operational efficiency of turkish airports using data envelopment analysis and the Malmquist productivity index: 2009-2014 case**
ÖRKÜ H. H. , Balikci C., Dogan M. I. , GENÇ A.
TRANSPORT POLICY, vol.48, pp.92-104, 2016 (Journal Indexed in SSCI)
- XV. **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 (Journal Indexed in SCI)

- XVI. **Estimating the parameters of 3-p Weibull distribution using particle swarm optimization: A comprehensive experimental comparison**
ÖRKÇÜ H. H. , Ozsoy V. S. , AKSOY E., Dogan M. I.
APPLIED MATHEMATICS AND COMPUTATION, vol.268, pp.201-226, 2015 (Journal Indexed in SCI)
- XVII. **Estimating the parameters of 3-p Weibull distribution through differential evolution**
ÖRKÇÜ H. H. , AKSOY E., Dogan M. I.
APPLIED MATHEMATICS AND COMPUTATION, vol.251, pp.211-224, 2015 (Journal Indexed in SCI)
- XVIII. **Subset selection in multiple linear regression models: A hybrid of genetic and simulated annealing algorithms**
ÖRKÇÜ H. H.
APPLIED MATHEMATICS AND COMPUTATION, vol.219, no.23, pp.11018-11028, 2013 (Journal Indexed in SCI)
- XIX. **Goal programming approaches for data envelopment analysis cross efficiency evaluation**
ÖRKÇÜ H. H. , BAL H.
APPLIED MATHEMATICS AND COMPUTATION, vol.218, no.2, pp.346-356, 2011 (Journal Indexed in SCI)
- XX. **Comparing performances of backpropagation and genetic algorithms in the data classification**
ÖRKÇÜ H. H. , BAL H.
EXPERT SYSTEMS WITH APPLICATIONS, vol.38, no.4, pp.3703-3709, 2011 (Journal Indexed in SCI)
- XXI. **A new mathematical programming approach to multi-group classification problems**
BAL H., ÖRKÇÜ H. H.
COMPUTERS & OPERATIONS RESEARCH, vol.38, no.1, pp.105-111, 2011 (Journal Indexed in SCI)
- XXII. **Improving the discrimination power and weights dispersion in the data envelopment analysis**
BAL H., ÖRKÇÜ H. H. , Celebioglu S.
COMPUTERS & OPERATIONS RESEARCH, vol.37, no.1, pp.99-107, 2010 (Journal Indexed in SCI)
- XXIII. **A new method based on the dispersion of weights in data envelopment analysis**
BAL H., ÖRKÇÜ H. H. , Celebioglu S.
COMPUTERS & INDUSTRIAL ENGINEERING, vol.54, no.3, pp.502-512, 2008 (Journal Indexed in SCI)
- XXIV. **DATA ENVELOPMENT ANALYSIS APPROACH TO TWO-GROUP CLASSIFICATION PROBLEMS AND AN EXPERIMENTAL COMPARISON WITH SOME CLASSIFICATION MODELS**
BAL H., ÖRKÇÜ H. H.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.36, no.2, pp.169-180, 2007 (Journal Indexed in SCI)
- XXV. **An experimental comparison of the new goal programming and the linear programming approaches in the two-group discriminant problems**
Bal H., ÖRKÇÜ H. H. , Celebioglu S.
COMPUTERS & INDUSTRIAL ENGINEERING, vol.50, no.3, pp.296-311, 2006 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Performance management of OECD countries on Covid-19 pandemic: a criticism using data envelopment analysis models**
DOĞAN M. İ. , Ozsoy V. S. , ÖRKÇÜ H. H.
JOURNAL OF FACILITIES MANAGEMENT, 2021 (Journal Indexed in ESCI)
- II. **Parametre Tahmininde Farklı Doğrusal Programlama Modellerinin Karşılaştırılması**
Koçak E., Örkü H. H.
Gazi Üniversitesi Fen Fakültesi Dergisi (GÜFFD), vol.1, pp.22-35, 2020 (International Refereed University Journal)
- III. **The most efficient supplier selection with mixed-integer two-stage data envelopment analysis model**
Ozsoy V. S. , ÖRKÇÜ M., Orku H. H.
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BILIMLERI DERGISI, vol.26, no.4, pp.758-767, 2020 (Journal Indexed in ESCI)
- IV. **RISK PREMIUM FOR DEPENDENT RISKS USING UTILITY COPULAS AND RISK AVERSION**
DURUKAN K., ÖRKÇÜ H. H. , KIZILOK KARA E.

ISTATİSTİK: JOURNAL OF THE TURKISH STATİSTICAL ASSOCIATION, vol.12, 2019 (Refereed Journals of Other Institutions)

- V. **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 (Refereed Journals of Other Institutions)
- VI. **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 (Refereed Journals of Other Institutions)
- VII. **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 (Refereed Journals of Other Institutions)
- VIII. **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 (Other Refereed National Journals)
- IX. **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 (Journal Indexed in ESCI)
- X. **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 (Refereed Journals of Other Institutions)
- XI. **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 (Refereed Journals of Other Institutions)
- XII. **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 (Refereed Journals of Other Institutions)
- XIII. **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 (Journal Indexed in ESCI)
- XIV. **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 (Refereed Journals of Other Institutions)
- XV. **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 (Refereed Journals of Other Institutions)
- XVI. **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 (Refereed Journals of Other Institutions)
- XVII. **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 (Other Refereed National Journals)
- XVIII. **A Goal Programming Approach to Weight Dispersion Problem in Data Envelopment Analysis and Simulation Study**
BAL H., ÖRKCÜ H. H.
Gazi University Journal of Science, vol.20, no.4, pp.117-125, 2007 (Refereed Journals of Other Institutions)
- XIX. **The Comparison of Principal Component Analysis and Data Envelopment Analysis in Ranking of Decision Making Units**
KARDİYEN F., ÖRKCÜ H. H.
G.U. Journal of Science, vol.19, no.2, pp.127-133, 2006 (Refereed Journals of Other Institutions)
- XX. **An Alternative Model to Fisher and Linear Programming Approaches in Two Group Classification Problem Minimizing Deviations from the Group Median**
BAL H., ÖRKCÜ H. H., ÇELEBİOĞLU S.
G.U. Journal of Science, vol.19, no.1, pp.49-55, 2006 (Refereed Journals of Other Institutions)
- XXI. **Comparison of Principal Component Analysis and Data Envelopment Analysis in Ranking of Decision Making Units**
KARDİYEN F., ÖRKCÜ H. H.
Gazi University Journal of Science, vol.19, no.2, pp.127-133, 2006 (Refereed Journals of Other Institutions)
- XXII. **İllerin Gelişmişlik Düzeylerini Sıralama ve Sınıflama Bakımından Veri Zarflama Analizi ve Çok Değişkenli İstatistiksel Yöntemlerin Karşılaştırılması Üzerine bir Çalışma**
ÖRKCÜ H. H., KARDİYEN F.
Hacettepe Üniversitesi İktisadi ve İdari Bilimler Fakültesi Dergisi, vol.24, no.2, pp.127-152, 2006 (Other Refereed National Journals)
- XXIII. **Combining the Discriminant Analysis and Data Envelopment Analysis in View of Multiple Criteria Decision Making A New Model**
BAL H., ÖRKCÜ H. H.
G.U. Journal of Science, vol.18, no.3, pp.355-364, 2005 (Refereed Journals of Other Institutions)
- XXIV. **Veri Zarflama Analizi nde Karar Verme Birimlerinin Sıralanması İçin Sınıflandırma Kriteri Tabanlı Yeni Bir Model**
BAL H., ÖRKCÜ H. H.
TUİK İstatistik Araştırma Dergisi, vol.4, no.2, pp.15-25, 2005 (Other Refereed National Journals)

Books & Book Chapters

- I. **Türkiye'de Bulunan Havalimanı Performanslarının İki Aşamalı Veri Zarflama Analizi İle İncelenmesi**
ÖRKCÜ 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 MATEMATİKSEL PROGRAMLAMA YAKLAŞIMLARI**
ÖRKCÜ M., ÖRKCÜ 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**
ÖRKCÜ M., ÖRKCÜ 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., ÖRKCÜ 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 Deneyle ve Kesirler (sayfa 597-654)**

GÜNDÜZ TEKİN N., AYDIN C., BAŞAR E., BALİBEYOĞLU J., ÖRKCÜ H. H., ÖZDEMİR GÜLER Z., ALTUNKAYNAK B., KARDİYEN F., ŞAHİN TEKİN S. T., ÇELİK B., et al.

in: Olasılık ve İstatistik, BAKIR, Mehmet Akif, Editor, PALME Yayıncılık, Ankara, pp.597-654, 2016

Refereed Congress / Symposium Publications in Proceedings

- I. **Determination of The Most Efficient Cement Producer of Turkey using Mixed Integer Linear Programming Model**
ÖZSOY V. S., Özsoy M. Ü., ÖRKCÜ H. H.
20th International Symposium on Econometrics, Operations Research and Statistics, 12 - 14 February 2020
- II. **ON DETERMINATION OF THE MOST EFFICIENT DECISION MAKING UNIT IN DATA ENVELOPMENT ANALYSIS: PERFORMANCE ANALYSIS OF METU TECHNOPOLIS COMPANIES**
Sevim Ö., ÖRKCÜ H. H.
IV. ULUSLARARASİBİLİMSEL VE MESLEKİÇALIŞMALAR KONGRESİ – FEN VE SAĞLIK(BILMES SH 2019 - ANKARA), 7 - 10 November 2019
- III. **Elektrik Dağıtım Yatırımlarının Belirlenmesinde Veri Zarflama Analizi Tabanlı Bir Yöntem**
ÖRKCÜ H. H., dönmezçelik o.
3rd International Symposium on Multidisciplinary Studies and Innovative Technologies, 10 - 12 October 2019
- IV. **GENETİK ALGORİTMA İLE LEVY DAĞILIMININ PARAMETRELERİNİN TAHMİNİDİLMESİ: BİR SİMÜLASYON ÇALIŞMASI**
DEMİR E., ÖZSOY V. S., ÖRKCÜ H. H.
3rd INTERNATIONAL CONGRESS OF APPLIED SCIENCES, 28 - 30 June 2019
- V. **Estimation of Parameters of Rayleigh Distribution by Differential Evolution Algorithm: A Simulation Study**
ÖRKCÜ H. H., ÖZSOY V. S.
6th International Symposium on Academic Studies in Science, Engineering and Architecture Sciences, Ankara, Turkey, 13 - 15 June 2019
- VI. **Cross Efficiency Model in Network Data Envelopment Analysis Models**
ÖRKCÜ H. H., ÖZSOY V. S., ÖRKCÜ M.
6th International Symposium on Academic Studies in Science, Engineering and Architecture Sciences, 13 - 15 June 2019
- VII. **Turkish Energy Sector Analysis: A Bootstrap Data Envelopment Analysis Approach**
Kınacı E. B., ÖRkcü H. H., Bal H.
11. International Statistics Days Conference, Muğla, Turkey, 3 - 07 October 2018, pp.301
- VIII. **RTM: Interactive estimation tool for modeling real-time wind speed**
ÖZSOY V. S., ÖRKCÜ H. H., BAL H.
5th International Conference on Management Information Systems (IMISC 2018), 24 - 26 October 2018
- IX. **İki Gruplu Sınıflandırma Problemi İçin Bulanık Programlama Yaklaşımı**
TÜZÜNER Z., BAL H., ÖRKCÜ H. H.
19. Uluslararası Ekonometri, Yöneylem Araştırması ve İstatistik Sempozyumu, 17 - 20 October 2018
- X. **The Health Performances of the Turkey Cities by the Mixed Integer DEA Models**
TÜZÜNER Z., ÖRKCÜ H. H., BAL H., ÖZSOY V. S., KOÇAK E.
10th International Statistics Congress, 6 - 08 December 2017, pp.130
- XI. **Bivariate Risk Aversion and Risk Premium Based on Various Utility Copula Functions**
DURUKAN K., KIZILOK KARA E., ÖRKCÜ H. H.
10th International Statistics Congress (ISC2017), Ankara, Turkey, 6 - 08 December 2017
- XII. **Suç verilerinin analizinde kullanılan veri madenciliği yöntemleri ve kaçakçılık suçlarıyla ilgili bir uygulama**
KOCATÜRK A., ALTUNKAYNAK B., ÖRKCÜ H. H., ARSLAN R.

2nd International Mediterranean SCIENCE AND ENGINEERING CONGRESS, 25 - 27 October 2017

- XIII. **A New Weights Method for Cross Efficiency Based on Goal Programming in Data Envelopment Analysis**
BAL H., ÖZSOY V. S. , ÖRKÜ H. H.
International Conference on Computational and Statistical Methods in Applied Sciences (COSTAS 2017), 9 - 11 November 2017, pp.169
- XIV. **Kaçakçılıkta Yakalanan Malzeme Türlerine Göre Suçluların Kümelenmesi: İkili Kümeleme Yöntemi**
ARSLAN R., ÖRKÜ H. H. , ALTUNKAYNAK B.
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- XV. **Türkiye’de Sektörlerin Ölümlü Kaza Türlerine Göre Kümelenmesi: İkili Kümeleme Yöntemi**
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