

Assoc. Prof. Emre Dönder

Personal Information

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Education Information

Doctorate, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, İstatistik (Dr), Turkey 2013 - 2017

Postgraduate, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, İstatistik (Yl) (Tezli), Turkey 2011 - 2013

Undergraduate, Yıldız Technical University, Fen-Edebiyat Fakóltesi, İstatistik Bölümü, Turkey 2006 - 2011

Dissertations

Doctorate, Beta regresyon analizinde sezgisel optimizasyon algoritmaları kullanarak model seçimi, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, İstatistik (Dr), 2017

Postgraduate, Bayesci ağlarda öğrenme algoritmalarının karşılaştırılması, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, İstatistik (Yl) (Tezli), 2013

Academic Titles / Tasks

Research Assistant, Ondokuz Mayıs University, Fen-Edebiyat Fakóltesi, İstatistik Bölümü, 2011 - Continues

Ondokuz Mayıs University, Fen-Edebiyat Fakóltesi, İstatistik Bölümü, 2018 - 2021

Courses

Bilgisayar Programlama I, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019

Veri Görselleştirme, Postgraduate, 2020 - 2021

İstatistik I, Undergraduate, 2020 - 2021

Bilgisayar Programlamaya Giriş I, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019

Mühendislikte İstatistik Metotlar, Undergraduate, 2020 - 2021, 2019 - 2020

Data Analysis Via Statistical Software-I, Postgraduate, 2020 - 2021, 2019 - 2020

Algoritma ve Programlamaya Giriş, Undergraduate, 2019 - 2020, 2018 - 2019

Yapısal Eşitlik Modellerine Giriş I, Postgraduate, 2019 - 2020

Nesne Tabanlı Programlama, Undergraduate, 2019 - 2020, 2018 - 2019

Statistical Information Systems, Postgraduate, 2019 - 2020

Veri Madenciliği, Postgraduate, 2019 - 2020, 2018 - 2019

Bilgisayar Programlama II, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018

İstatistikte Bilgisayar Dilleri, Postgraduate, 2018 - 2019

İstatistiksel Bilgi Sistemleri, Postgraduate, 2018 - 2019

Bitirme Projesi, Undergraduate, 2018 - 2019

Yabancı Dilde Yazma, Undergraduate, 2018 - 2019

İstatistik Paket Programları II, Undergraduate, 2018 - 2019

Kategorik Veri Analizi, Undergraduate, 2017 - 2018

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Jackknife Kibria-Lukman estimator for the beta regression model**
Koc T., Dündar E.
COMMUNICATIONS IN STATISTICS-THEORY AND METHODS, 2023 (SCI-Expanded)
- II. **A hybridized consistent Akaike type information criterion for regression models in the presence of multicollinearity**
Dündar E.
COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, 2023 (SCI-Expanded)
- III. **Organic and functional dysphonias: comparison of Self-Assessment protocols by confirmatory factor analysis**
Yaşar Ö., Tahir E., Kemal Ö., Dündar E.
LOGOPEDICS PHONIATRICS VOLOGY, 2022 (SCI-Expanded)
- IV. **Formation and Geostatistical Analysis of Eğribük Creek Potholes, Samsun, Turkey**
AYLAR F., UZUN A., ZEYBEK H. İ., GÜRGÖZE S., DÜNDER E.
ARABIAN JOURNAL OF GEOSCIENCES, vol.15, no.238, 2022 (SCI-Expanded)
- V. **Robust Regression-Ratio-Type Estimators of the Mean Utilizing Two Auxiliary Variables: A Simulation Study**
ZAMAN T., Dündar E., Audu A., Alilah D. A., Shahzad U., Hanif M.
MATHEMATICAL PROBLEMS IN ENGINEERING, vol.2021, 2021 (SCI-Expanded)
- VI. **A modified information criterion for model selection**
Dündar E.
COMMUNICATIONS IN STATISTICS-THEORY AND METHODS, vol.50, no.11, pp.2710-2721, 2021 (SCI-Expanded)
- VII. **A new correction approach for information criteria to detect outliers in regression modeling**
Dündar E.
COMMUNICATIONS IN STATISTICS-THEORY AND METHODS, vol.50, no.10, pp.2451-2465, 2021 (SCI-Expanded)
- VIII. **Prediction of design parameters of pneumatic cleaners with MARS method**
Tekgüler A., Dündar E., Karaköse T.
INTERNATIONAL JOURNAL OF AGRICULTURAL AND BIOLOGICAL ENGINEERING, vol.14, no.2, pp.106-111, 2021 (SCI-Expanded)
- IX. **The Effectiveness of New Adiposity Indices on Plasma Lipid Profile in Patients with Multiple Sclerosis: A Cross-Sectional Study with A Body Shape Index, Body Roundness Index, and Visceral Adiposity Index**
Uzdil Z., KAYA S., Sökülmez Kaya P., Terzi M., Dündar E.
MULTIPLE SCLEROSIS AND RELATED DISORDERS, vol.43, 2020 (SCI-Expanded)
- X. **Particle swarm optimization-based variable selection in Poisson regression analysis via information complexity-type criteria**
Koc H., Dündar E., Gumustekin S., Koc T., Cengiz M. A.
COMMUNICATIONS IN STATISTICS-THEORY AND METHODS, vol.47, no.21, pp.5298-5306, 2018 (SCI-Expanded)
- XI. **Energy performance evaluation of OECD countries using Bayesian stochastic frontier analysis and Bayesian network classifiers**
Cengiz M. A., Dündar E., ŞENEL T.
JOURNAL OF APPLIED STATISTICS, vol.45, no.1, pp.17-25, 2018 (SCI-Expanded)
- XII. **Variable selection in linear regression analysis with alternative Bayesian information criteria using differential evaluation algorithm**
Dündar E., Gumustekin S., Murat N., Cengiz M. A.
COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, no.2, pp.605-614, 2018 (SCI-Expanded)
- XIII. **Variable selection in gamma regression models via artificial bee colony algorithm**

- Dünder E., Gumustekin S., Cengiz M. A.
JOURNAL OF APPLIED STATISTICS, no.1, pp.8-16, 2018 (SCI-Expanded)
- XIV. **AN EXAMINATION OF THE CORRELATION BETWEEN SCIENCE AND TECHNOLOGY ATTITUDES SCALE, FREQUENCY OF SMARTPHONE USAGE SCALE AND LIFELONG LEARNING SCALE SCORES USING THE STRUCTURAL EQUATION MODEL**
KÖR H., ERBAY H., ENGİN M., Dünder E.
JOURNAL OF BALTIC SCIENCE EDUCATION, vol.16, no.1, pp.86-99, 2017 (SSCI)
- XV. **Subset selection in quantile regression analysis via alternative Bayesian information criteria and heuristic optimization**
Dünder E., Gumustekin S., Murat N., Cengiz M. A.
COMMUNICATIONS IN STATISTICS-THEORY AND METHODS, vol.46, no.22, pp.11091-11098, 2017 (SCI-Expanded)

Articles Published in Other Journals

- I. **ORIGINAL PAPER AN ENHANCED CLASSIFICATION SYSTEM BASED ON KERNEL PRINCIPAL COMPONENT ANALYSIS AND DATA COMPLEXITY MEASURES**
SAĞLAM F., DÜNDER E., CENGİZ M. A.
JOURNAL OF SCIENCE AND ARTS, no.2, pp.12, 2023 (ESCI)
- II. **Efficiency Analysis and Estimation of Factors Affecting the Efficiency with Decision Trees in Imbalanced Data: A Case of Turkey\2019s Environmental Sustainability**
TURAN S. C., DÜNDER E., CENGİZ M. A.
Journal of New Theory, vol.37, no.4, pp.58-67, 2021 (Peer-Reviewed Journal)
- III. **Adaptation of the Fear of 2019 Coronavirus Disease (COVID-19) Scale to Turkish Culture: A Validity and Reliability Study**
KAYA S., DÜNDER E., ÇAKIROĞLU F. P., UZDİL Z.
Bilişsel Davranışçı Psikoterapi ve Araştırmalar Dergisi, vol.10, no.1, pp.40-45, 2021 (Peer-Reviewed Journal)
- IV. **Efficiency Analysis and Estimation of Factors Affecting the Efficiency with Decision Trees in Imbalanced Data: A Case of Turkey's Environmental Sustainability**
TURAN S. C., DÜNDER E., CENGİZ M. A.
Journal of New Theory, vol.2021, no.37, pp.58-67, 2021 (Peer-Reviewed Journal)
- V. **Vaccine Attitude of Healthcare Professionals Towards Covid19: Samsun/Turkey Example**
Demir Y., ORUÇ P., DÜNDER E., ÖZPINAR S.
International Journal of Academic Medicine and Pharmacy, vol.3, no.3, pp.195-200, 2021 (Peer-Reviewed Journal)
- VI. **FRACTIONAL REGRESSION MODEL FOR INVESTIGATING THE DETERMINANTS OF THE UNEMPLOYMENT RATES IN OECD COUNTRIES**
Koc T., Dünder E., Koc H.
JOURNAL OF SCIENCE AND ARTS, no.2, pp.423-428, 2021 (ESCI)
- VII. **Multidimensional assessment of interoceptive awareness (MAIA 2): psychometric properties of the Turkish version**
ÖZPINAR S., DÜNDER E., DEMİR Y., AKYOL M.
Journal of health sciences and medicine (Online), vol.4, no.2, pp.132-136, 2021 (Peer-Reviewed Journal)
- VIII. **Model Selection in Beta Regression Analysis Using Several Information Criteria and Heuristic Optimization**
DÜNDER E., CENGİZ M. A.
Journal of New Theory, 2020 (Peer-Reviewed Journal)
- IX. **Sosyoekonomik Durumun Diyabet İle İlişkisi ve Diyabete Etkisinin İncelenmesi**
Oğuzhan G., Dünder E., Ökçün S., Koçkaya G.
Türkiye Diyabet ve Obezite Dergisi , vol.4, no.2, pp.71-78, 2020 (Peer-Reviewed Journal)
- X. **Proposing Novel Modified Ratio Estimators by Adding an Exponential Parameter**
ZAMAN T., Dünder E.

- XI. **The Vaccine Attitude Scale: Psychometric Properties and Validation**
ÖZPINAR S., DÜNDER E., ÇELİK ODABAŞI N.
Journal of Vaccines Vaccination, vol.11, no.5, pp.1-5, 2020 (Peer-Reviewed Journal)
- XII. **Multivariate Adaptive Regression Splines (Mars) Method For Unemployment in OECD Countries**
KOÇ H., DÜNDER E., KOÇ T.
Erciyes Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.35, no.3, pp.46-51, 2019 (Peer-Reviewed Journal)
- XIII. **Determining the Factors that Influence Gini Coefficient by Beta Regression Method**
ZAMAN T., DÜNDER E., DEMİRBAĞ AYDIN S.
Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.12, no.1, pp.235-240, 2019 (Peer-Reviewed Journal)
- XIV. **Determination of Best Variable Set for Count Models by Particle Swarm Optimization**
KOÇ H., KOÇ T., DÜNDER E.
Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.23, no.Özel, pp.76-83, 2019 (Peer-Reviewed Journal)
- XV. **The use of several information criteria for logistic regression model to investigate the effects of diabetic drugs on HbA1c levels**
Murat N., Dünder E., Cengiz M. A., Önger M. E.
Biomedical Research (India), vol.29, no.7, pp.1370-1375, 2018 (Scopus)
- XVI. **Examination of the Satisfaction Levels of Hemodialysis Patients**
Korkmaz M., Yücel A. S., ahbudak E., Yildiz K., Yildiz S., Karacabey S., Sen E., CENGİZ E., Sevil Ü., Aytaç A., et al.
Studies on Ethno-Medicine, vol.11, no.3, pp.247-258, 2017 (Scopus)
- XVII. **STUDENT PERCEPTIONS FOR DISTANCE EDUCATION AND EFFICIENCY ANALYSIS OF THE SYSTEM**
AKMEŞE Ö. F., DEMİR E., DÜNDER E.
Hitit Üniversitesi Sosyal Bilimler Enstitüsü Dergisi, vol.9, no.2, 2016 (Peer-Reviewed Journal)
- XVIII. **The Evaluating the Efficiency Performance of Turkish Airports (2010 – 2014)**
GÜMÜŞTEKİN S., ŞENEL T., DÜNDER E.
International Journal of Sciences: Basic and Applied Research (IJSBAR), vol.30, no.4, pp.460-473, 2016 (Peer-Reviewed Journal)
- XIX. **Investigation of determinants of net migration using variable selection algorithms**
BULUT H., DÜNDER E., YÜCESOY E.
Mathematical Finance Letters, vol.2016, pp.1-9, 2016 (Peer-Reviewed Journal)
- XX. **Investigating the Relationship between the Effects of Motivation Personal Development and Basic Computer Usage Upon the Student Success in Distance Education Via the Structural Equation Modeling**
KÖR H., ERBAY H., DÜNDER E., DEMİR E.
Participatory Educational Research, vol.3, no.2, 2016 (Peer-Reviewed Journal)
- XXI. **evaluation of determinants of employment efficiency using stochastic frontier analysis and beta regression**
DÜNDER E., GÜMÜŞTEKİN S., CENGİZ M. A.
Journal of Mathematical and Computational Science, vol.5, no.6, pp.848-856, 2015 (Peer-Reviewed Journal)
- XXII. **skorlama ölçütlerinin bayesci yapı öğrenme algoritmaları üzerindeki etkilerinin incelenmesi**
DÜNDER E., CENGİZ M. A., GÜMÜŞTEKİN S.
international anatolia academic online journal, pp.19-24, 2015 (Peer-Reviewed Journal)
- XXIII. **DETERMINING THE GENERAL ECONOMIC STRUCTURE AND THE FACTORS AFFECTING INFLATION IN VARIOUS COUNTRIES THROUGH TWO STAGE CLUSTERING AND BETA REGRESSION ANALYSIS**
Korkmaz H. M., GERMİR H. N., DÜNDER E., ŞEN E., KARTA N., ŞAHBUDAK E.
ULUSLARARASI HAKEMLİ EKONOMİ YÖNETİMİ ARAŞTIRMALARI DERGİSİ, 2015 (Peer-Reviewed Journal)
- XXIV. **Examining the Affects Of Scoring Metrics On Bayesian Networks Structure Learning**
DÜNDER E., CENGİZ M. A., GÜMÜŞTEKİN S.
IAAOJ Scientific Science, vol.3, no.1, 2015 (Peer-Reviewed Journal)
- XXV. **A STATISTICAL EXAMINATION OF THE RELATION BETWEEN LEVELS OF FRAGILITY AND EXTERNAL**

BORROWING

Korkmaz H. M., GERMİR H. N., DÜNDER E., ŞEN E., ŞAHBUDAK E., KARTA N.

ULUSLARARASI HAKEMLİ EKONOMİ YÖNETİMİ ARAŞTIRMALARI DERGİSİ, 2015 (Peer-Reviewed Journal)

XXVI. **REGRESSION ANALYSIS OF MILK AND MILK PRODUCTS IN TURKEY WITH THE LEAST SQUARES TECHNIQUE**

Korkmaz H. M., ÇALIŞIR G., GERMİR H. N., DÜNDER E., ŞEN E., KARTA N., ŞAHBUDAK E.

ULUSLARARASI HAKEMLİ PAZARLAMA VE PAZAR ARAŞTIRMALARI DERGİSİ, 2015 (Peer-Reviewed Journal)

XXVII. **Investigation of the impacts of constraint based algorithms to the quality of bayesian network structure in hybrid algorithms for medical studies**

DÜNDER E., CENGİZ M. A., KOÇ H.

Journal of Advanced Scientific Research, vol.5, no.1, 2014 (Peer-Reviewed Journal)

XXVIII. **AŞIRI YAYILIMLI VERİLER İÇİN GENELLEŞTİRİLMİŞ POISSON KARMA MODELLERİN HAVA KİRLİLİĞİ ÜZERİNE BİR UYGULAMASI**

KOÇ H., CENGİZ M. A., KOÇ T., DÜNDER E.

INTERNATIONAL ANATOLIA ACADEMIC ONLINE JOURNAL, 2013 (Non Peer-Reviewed Journal)

XXIX. **BAYESÇİ AĞLARDA RİSK ANALİZİ BANKACILIK SEKTÖRÜ ÜZERİNE BİR UYGULAMA**

DÜNDER E., CENGİZ M. A., KOÇ H., SAVAŞ N.

Erzincan Üniversitesi Sosyal Bilimler Enstitüsü Dergisi, 2013 (Peer-Reviewed Journal)

XXX. **Bayesci Ağlarda Risk Analizi Bankacılık Sektörü Üzerine Bir Uygulama**

DÜNDER E., CENGİZ M. A., KOÇ H., SAVAŞ N.

Erzincan Ün. Sosyal Bilimler Enstitüsü Dergisi, vol.4, no.1, 2013 (Peer-Reviewed Journal)

Books & Book Chapters

I. **An Input-Output Selection Approach using Alternative Bayesian Information Criteria in Data Envelopment Analysis**

AYDIN S., DÜNDER E.

in: Recent Researches and Reviews in Mathematics and Natural Science, Prof.Dr.Rıdvan Karapınar, Editor, Livre de Lyon, Lyon, pp.151-163, 2022

II. **INVESTIGATION OF MANIFESTOS OF MILITARY INTERVENTIONS IN TURKEY VIA TEXT MINING AND PRINCIPAL COMPONENT ANALYSIS**

BULUT H., DÜNDER E.

in: İlkçağlardan Modern Döneme TARİHTEN İZLER, Osman KÖSE, Editor, BERİKAN YAYINEVİ, pp.775-789, 2018

Refereed Congress / Symposium Publications in Proceedings

I. **Organic and functional dysphonia - comparison of self assessment protocols by confirmatory factor analysis**

TAHİR E., YAŞAR Ö., KEMAL Ö., DÜNDER E.

13th Congress of European Laryngological Society, Berlin, Germany, 28 May 2021

II. **Application of A New Dynamic Coherent Criterion and Regression Analysis**

DÜNDER E., CENGİZ M. A.

International Conference on Data Science and Applications, Turkey, 04 October 2018

III. **Evaluation of Healthcare with a Hybrid Methodology by Artificial Neural Networks and Data Envelopment Analysis**

AYDIN S., Aydın A., DÜNDER E., PEKER O.

International Conference on Empirical Economics Social Sciences, 27 - 28 June 2018

IV. **A HEURISTIC MACHINE LEARNING APPROACH VIA SPARSE CLUSTERING ANALYSIS**

DÜNDER E.

7th International Conference, ICAT'18Antalya, Turkey, April 28 - May 1, 2018, 28 April - 01 May 2018

V. A FRAUD DETECTION APPLICATION IN BANKING SECTOR USING DECISION TREE ALGORITHMS

DÜNDER M., DÜNDER E., AYDIN S.

7th International Conference on Advanced Technologies ICAT'18Antalya, Turkey, April 28 - May 1, 2018, 28 April - 01 May 2018

VI. CLUSTERING THE HEALTH CARE SYSTEMS OF EUROPEAN COUNTRIES VIA DATA MINING ALGORITHMS

Dünder M., DÜNDER E., TERZİ E.

7th International Conference, ICAT'18 Antalya,Turkey, April 28 - May 1, 2018, 28 April - 01 May 2018

VII. PRINCIPAL COMPONENT REGRESSION VIA SHRINKAGE COVARIANCE MATRICES AND INFORMATION CRITERIA FOR GENE EXPRESSION DATA SETS

DÜNDER E., AYDIN S.

7th International Conference, ICAT'18 Antalya,Turkey, April 28- May 1 , 2018, 28 April - 01 May 2018

VIII. The Investigation of Military Intervention Notices in Republic Period in Turkey using Text Mining
BULUT H., DÜNDER E.

ULUSLARARASI MULTİDİSİPLİNER AKADEMİK ÇALIŞMALAR SEMPOZYUMU, 2 - 04 February 2018

IX. Smoking Consumption Habits Research and Text Mining in Samsun

mert b., DÜNDER E., TERZİ Y.

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

X. A VARIABLE SELECTION APPROACH IN POISSON REGRESSION ANALYSIS USING INFORMATION COMPLEXITY TYPE CRITERIA

KOÇ H., DÜNDER E., GÜMÜŞTEKİN S., KOÇ T., CENGİZ M. A.

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

XI. Investigation of Factors Affecting Health System Effectiveness In OECD Countries By Path Analysis
TURAN S. C., DÜNDER E., CENGİZ M. A.

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

XII. Beta Regresyon Yöntemi Yardımıyla Gini Katsayısını Etkileyen Faktörlerin Belirlenmesi
GÜMÜŞTEKİN S., ZAMAN T., DÜNDER E.

EYİ 2017XVIII. Uluslararası Ekonometri YöneylemAraştırması ve İstatistik Sempozyumu, Trabzon, Turkey, 5 - 07 October 2017

XIII. A Second Stage Approach in Efficiency Analysis via Multivariate Adaptive Regresion Splines

DÜNDER E., AYDIN S., CENGİZ M. A.

15th International Conference on Data Envelopment Analysis, 26 - 29 June 2017

XIV. A second stage approach in efficiency analysis via multivariate adaptive regression splines

DÜNDER E., GÜMÜŞTEKİN S., CENGİZ M. A.

15th International Conference on Data Envelopment Analysis, Prague, 26 - 29 June 2017

XV. Assessing Renewable Energy Performance in Turkey : A Malmquist Index Analysis

GÜMÜŞTEKİN S., DÜNDER E., KOÇ T., ŞENEL T.

2nd International Conference on Banking and Finance Perspectives, 21 April 2017

XVI. Assessing The Health System Efficiencies of European Countries via Several Efficiency Techniques

DÜNDER E., CENGİZ M. A., GÜMÜŞTEKİN S.

2nd International Conference on Advances in Natural and Applied Sciences, Antalya, Turkey, 18 - 21 April 2017

XVII. Implementing The Structural Equation Modeling for Brand Value Evaluation

DÜNDER E., CENGİZ M. A., MURAT N., GÜMÜŞTEKİN S.

2nd InternationalConference on Advances in Natural and Applied Sciences, Antalya, Turkey, 18 - 21 April 2017

XVIII. Comparative Study of Forecasting Methods for Gross National Products in Turkey

GÜMÜŞTEKİN S., DÜNDER E., CENGİZ M. A.

2nd International Conference on Applied Economics and Finance (ICOAEF 2016), 5 - 06 December 2016

- XIX. Forecasting the Turkish Inflation Rate Using Information Criteria**
MURAT N., DÜNDER E., CENGİZ M. A.
2nd International Conference on Applied Economics and Finance, 5 - 06 December 2016
- XX. EXAMINING THE RELATIONSHIP BETWEEN INFLATION RATES AND AND IMPORT: AN EXAMPLE IN TURKEY**
CENGİZ M. A., DÜNDER E.
II. International Conference on Applied Economics and Finance, Turkey, 05 December 2016
- XXI. Comparison of MCMC Convergence Diagnostic and Goodness of Fit Index For Diagnostics**
MURAT N., DÜNDER E., CENGİZ M. A.
2nd International Conference on Applied Economics and Finance, 5 - 06 December 2016
- XXII. A Comparison of MCMC Convergence Diagnostics and Goodness of Fit Index for Diagnostics**
MURAT N., DÜNDER E., CENGİZ M. A.
2nd International Conference on Applied Economics and Finance, 5 - 06 December 2016
- XXIII. A new approach in Sparse Principal Component Regression Analysis via Heuristic Optimization and Information Complexity Criteria**
DÜNDER E., CENGİZ M. A.
International Conference on Information Complexity and Statistical Modelling in High Dimensions with Applications, 18 - 21 May 2016
- XXIV. Integration Theil Sen estimators into adaptive lasso in the presence of heavy error terms**
DÜNDER E., ZAMAN T., CENGİZ M. A., ALAKUŞ K.
International Conference on Information Complexity and Statistical Modeling in High Dimensions with Applications (IC-SMHD-2016), Nevşehir, Turkey, 18 - 21 May 2016
- XXV. Integration Theil Sen estimators into Adaptive Lasso in the Presence of Heavy Tailed Error Terms**
DÜNDER E., ZAMAN T., CENGİZ M. A., ALAKUŞ K.
International Conference on Information Complexity and Statistical Modelling in High Dimensions with Applications, 18 - 21 May 2016
- XXVI. Application of Structural Equation Modeling on the Temperament and Character Inventory with Several Methods**
MURAT N., DÜNDER E., CENGİZ M. A.
INTERNATIONAL CONFERENCE ON ADVANCES AND APPLIED SCIENCES, 21 - 23 April 2016
- XXVII. Investigation of Principal Component Analysis for Regression Models**
DÜNDER E., CENGİZ M. A.
INTERNATIONAL CONFERENCE ON ADVANCES AND APPLIED SCIENCES, 21 - 23 April 2016
- XXVIII. Comparison of Lasso Type Regression Models for Variable Selection**
DÜNDER E., CENGİZ M. A.
International Conference on Advances in Natural and Applied Sciences, 21 - 23 April 2016
- XXIX. Application of structural equation modeling on the temperament and character inventory with several estimation methods**
MURAT N., DÜNDER E., CENGİZ M. A.
International Conference on Advances in Natural and Applied Sciences, 21 - 23 April 2016
- XXX. Investigation of Principle Component Analysis for Regression Models**
DÜNDER E., CENGİZ M. A.
International Conference on Advances in Natural and Applied Sciences (ICANAS 2016), 21 - 23 April 2016
- XXXI. A Study on the Application of Jackknife Procedure in Statistical Analysis**
ALAKUŞ K., ZAMAN T., BULUT H., DÜNDER E.
ICANS: International Conference of Advances in Natural and Applied Sciences (ICANAS, 2016), Antalya, Turkey, 21 - 23 April 2016
- XXXII. A Study on the Application of the Jackknife Procedure in Statistical Analysis**
ALAKUŞ K., ZAMAN T., BULUT H., DÜNDER E.
International Conference on Advance in Natural and Applied Sciences, Antalya, Turkey, 21 - 23 April 2016
- XXXIII. Comparing the effects of standardization methods on structural equation modeling**

MURAT N., DÜNDER E., CENGİZ M. A.

International Conference on Advances in Natural and Applied Sciences, 21 - 23 April 2016

- XXXIV. **Application of Structural Equation Modelling on the Temperament and Character Inventory with Several Estimation Methods**

MURAT N., DÜNDER E., CENGİZ M. A.

International conference on Advances in Natural and Applied Sciences, 21 - 23 April 2016

- XXXV. **Examining the Effects of Diabetic Drugs on Hba1c Level via Information Criteria and Particle Swarm Optimization**

DÜNDER E., CENGİZ M. A.

International Conference on Advances in Natural and Applied Sciences, 21 - 23 April 2016

- XXXVI. **Variable Selection in Count Models with Particle Swarm Optimization**

KOÇ H., DÜNDER E., KOÇ T., CENGİZ M. A.

International Conference on Advances in Natural and Applied Sciences, 21 - 23 April 2016

- XXXVII. **Comparing the effects of Standardization methods on Structural Equation Modelling**

MURAT N., DÜNDER E., CENGİZ M. A.

International Conference on Advances in Natural and Applied Sciences, 21 - 23 April 2016

- XXXVIII. **TÜRKİYE GENELİNDE LİSE VE ÜNİVERSİTE ÖĞRENCİLERİNİN SPORA İLİŞKİN GÖRÜŞLERİNİN YAPISAL EŞİTLİK MODELLEMESİ İLE DEĞERLENDİRİLMESİ**

Korkmaz H. M., DÜNDER E., YÜCEL A. S., Karacabey K., TAŞKIRAN A., ŞAHBUDAK E., ŞEN E., AYTAÇ A., GERMİR H. N.

ULUSLARARASI EKONOMİ YÖNETİMİ VE PAZAR ARAŞTIRMALARI KONGRESİ, 4 - 05 December 2015

- XXXIX. **The Optimization of the Sample According to the Concordance Among MCMC Convergence Criterias**

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16. Uluslararası Ekonometri, Yöneylem Araştırması ve İstatistik Sempozyumu, Edirne, Turkey, 7 - 12 May 2015, vol.4, pp.552-553

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CENGİZ M. A., DÜNDER E., TERZİ E., GÜMÜŞTEKİN S.

13th international conference on data envelopment analysis, 24 - 27 August 2015

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International Conference on Advances in Statistics, 24 - 28 March 2015

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DÜNDER E., CENGİZ M. A., MURAT N.

8th International Symposium of Statistics, Eskişehir, Turkey, 11 October 2012

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MURAT N., CENGİZ M. A., DÜNDER E.

8th International Symposium of Statistics, Eskişehir, Turkey, 11 October 2012

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DÜNDER E., CENGİZ M. A., MURAT N.

13th International Conference on Econometrics, Operations Research and Statistics, Turkey, 24 May 2012

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MURAT N., CENGİZ M. A., DÜNDER E., KİBAR M.

13th International Conference on Econometrics, Operations Research and Statistics, Gazimagusa, Cyprus (Kktc), 24 May 2012

- LIIL. **Comparisons of the Structural Learning Algorithms For Bayesian Network On An Application**

DÜNDER E., CENGİZ M. A., MURAT N.

13th International Conference on Econometrics, Operations Research and Statistics, Gazimagusa, Cyprus (Kktc), 24 May 2012