

Prof. Mehmet Ali Cengiz



Personal Information

Mobile Phone: [+90 542 719 2527](tel:+905427192527)

Office Phone: [+90 362 312 1919](tel:+903623121919) Extension: 5172

Email: macengiz@omu.edu.tr

Other Email: macengiz55@gmail.com

Web: <https://avesis.omu.edu.tr/macengiz>

International Researcher IDs

ScholarID: ZNbQ4AAAAJ

ORCID: 0000-0002-1271-2588

Publons / Web Of Science ResearcherID: AGZ-9391-2022

ScopusID: 12766595200

Yoksis Researcher ID: 19604

Education Information

Doctorate, University of Salford, England 1995 - 1998

Postgraduate, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, İstatistik (YI) (Tezli), Turkey 1989 - 1992

Undergraduate, Ondokuz Mayıs University, Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi Bölümü, Turkey 1985 - 1989

Dissertations

Doctorate, Contributions To The Development And Analysis of Multivariate Generalized Linear Models, With Application To The Diagnosis Of Arterial Occlusive Disease, University of Salford, 1998

Postgraduate, Dinamik regresyon modeli ile elektrik tüketimi tahmini, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, İstatistik (YI) (Tezli), 1992

Research Areas

Biostatistics and Medical Informatics, Artificial Intelligence, Computer Learning and Pattern Recognition, Statistics

Academic Titles / Tasks

Professor, Ondokuz Mayıs University, Fen-Edebiyat Fakültesi, 2014 - Continues

Associate Professor, Ondokuz Mayıs University, Fen-Edebiyat Fakültesi, İstatistik Bölümü, 2007 - 2014

Assistant Professor, Ondokuz Mayıs University, Fen-Edebiyat Fakültesi, İstatistik Bölümü, 1999 - 2007

Research Assistant, Ondokuz Mayıs University, Fen-Edebiyat Fakültesi, İstatistik Bölümü, 1990 - 1999

Academic and Administrative Experience

Head of Department, Ondokuz Mayıs University, Fen Fakültesi, İstatistik Bölümü, 2012 - 2022
Vice Rector, Ondokuz Mayıs University, Fen Fakültesi, İstatistik Bölümü, 2017 - 2020
Director of Continuing Education Center, Ondokuz Mayıs University, Fen Fakültesi, İstatistik Bölümü, 2018 - 2018
Head of Department, Ondokuz Mayıs University, Fen Fakültesi, İstatistik Bölümü, 2014 - 2018
Manager of Research and Application Center, Ondokuz Mayıs University, Fen Fakültesi, İstatistik Bölümü, 2016 - 2017
Rector's Advisor, Ondokuz Mayıs University, Fen Fakültesi, İstatistik Bölümü, 2016 - 2017
Academic Performance D. Board Member, Ondokuz Mayıs University, Fen Fakültesi, İstatistik Bölümü, 2008 - 2013
Member of Strategic Planning Coordination Group, Ondokuz Mayıs University, Fen Fakültesi, İstatistik Bölümü, 2008 - 2013
Yükseköğretim Kurulu Üyesi, Ondokuz Mayıs University, Fen Fakültesi, İstatistik Bölümü, 2010 - 2012
Coordinator of Faculty Training Program, Ondokuz Mayıs University, Fen Fakültesi, İstatistik Bölümü, 2009 - 2012
Deputy Head of Department, Ondokuz Mayıs University, Fen Fakültesi, İstatistik Bölümü, 2009 - 2012
Strategy Development Board Member, Ondokuz Mayıs University, Fen Fakültesi, İstatistik Bölümü, 2008 - 2012
Rectorate Commissioner, Ondokuz Mayıs University, Fen Fakültesi, İstatistik Bölümü, 2008 - 2012
Director of the Center, Ondokuz Mayıs University, Fen Fakültesi, İstatistik Bölümü, 2008 - 2012

Jury Memberships

Associate Professor Exam, Associate Professor Exam, Ondokuz Mayıs Üniversitesi, May, 2023
Associate Professor Exam, Associate Professor Exam, Ondokuz Mayıs Üniversitesi, November, 2022
Associate Professor Exam, Associate Professor Exam, Ondokuz Mayıs Üniversitesi, May, 2022
Associate Professor Exam, Associate Professor Exam, Ondokuz Mayıs Üniversitesi, March, 2019
Associate Professor Exam, Associate Professor Exam, Ondokuz Mayıs Üniversitesi, October, 2018

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The Best Fit Bayesian Hierarchical Generalized Linear Model Selection Using Information Complexity Criteria in the MCMC Approach**
Ebrahim E., Cengiz M. A.
Journal of Mathematics, vol.2024, no.1459524, pp.1-14, 2024 (SCI-Expanded)
- II. **Local resampling for locally weighted Naive Bayes in imbalanced data**
SAĞLAM F., Cengiz M. A.
COMPUTING, vol.106, no.1, pp.185-200, 2024 (SCI-Expanded)
- III. **Model selection in multivariate adaptive regressions splines (MARS) using alternative information criteria**
Bekar Adiguzel M., Cengiz M. A.
Heliyon, vol.9, no.9, 2023 (SCI-Expanded)
- IV. **Alternative expectation approaches for expectation-maximization missing data imputations in cox regression**
Sağlam F., Sanli T., Cengiz M. A., Terzi Y.
COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, vol.52, no.12, pp.5966-5974, 2023 (SCI-Expanded)
- V. **Stochastic Energy Performance Evaluation Using a Bayesian Approach**
Terzi E., Aydın S. G., Cengiz M. A.
JOURNAL OF MATHEMATICS, vol.2023, 2023 (SCI-Expanded)
- VI. **Copula Approach to Multivariate Energy Efficiency Analysis**
Sozen M., Cengiz M. A.
ASIA-PACIFIC JOURNAL OF OPERATIONAL RESEARCH, vol.39, no.06, 2022 (SCI-Expanded)
- VII. **Clustered Bayesian classification for within-class separation**

SAĞLAM F., Yıldırım E., Cengiz M. A.

EXPERT SYSTEMS WITH APPLICATIONS, vol.208, 2022 (SCI-Expanded)

- VIII. **A Novel Expert System for Diagnosis of Iron Deficiency Anemia**
Terzi E., Sarıbacak B., SAĞLAM F., Cengiz M. A.
COMPUTATIONAL AND MATHEMATICAL METHODS IN MEDICINE, vol.2022, 2022 (SCI-Expanded)
- IX. **A novel SMOTE-based resampling technique through noise detection and the boosting procedure**
Sağlam F., Cengiz M. A.
EXPERT SYSTEMS WITH APPLICATIONS, vol.200, 2022 (SCI-Expanded)
- X. **Implementation of adaptive lasso regression based on multiple Theil-Sen Estimators using differential evolution algorithm with heavy tailed errors**
Dunder E., Zaman T., Cengiz M. A., Alakus K.
JOURNAL OF THE NATIONAL SCIENCE FOUNDATION OF SRI LANKA, no.2, pp.395-404, 2022 (SCI-Expanded)
- XI. **Predicting Verbal Learning and Memory Assessments of Older Adults Using Bayesian Hierarchical Models**
Ebrahim E. A., Cengiz M. A.
FRONTIERS IN PSYCHOLOGY, vol.13, 2022 (SSCI)
- XII. **Risk Estimation in Exchange Rate Markets Based on Stochastic Copula Approach**
Terzi E., Yıldırım E., Sarıbacak B., Cengiz M. A.
Discrete Dynamics in Nature and Society, vol.2022, 2022 (SCI-Expanded)
- XIII. **Modeling dependency between industry production and energy market via stochastic copula approach**
Yıldırım E., Cengiz M. A.
Communications in Statistics: Simulation and Computation, vol.51, no.4, pp.2006-2019, 2022 (SCI-Expanded)
- XIV. **Particle swarm optimization-based variable selection in Poisson regression analysis via information complexity-type criteria**
Koc H., Dunder E., Gumustekin S., Koc T., Cengiz M. A.
COMMUNICATIONS IN STATISTICS-THEORY AND METHODS, vol.47, no.21, pp.5298-5306, 2018 (SCI-Expanded)
- XV. **Variable selection in gamma regression models via artificial bee colony algorithm**
Dunder E., Gumustekin S., Cengiz M. A.
JOURNAL OF APPLIED STATISTICS, no.1, pp.8-16, 2018 (SCI-Expanded)
- XVI. **Energy performance evaluation of OECD countries using Bayesian stochastic frontier analysis and Bayesian network classifiers**
Cengiz M. A., Dunder E., ŞENEL T.
JOURNAL OF APPLIED STATISTICS, vol.45, no.1, pp.17-25, 2018 (SCI-Expanded)
- XVII. **Variable selection in linear regression analysis with alternative Bayesian information criteria using differential evaluation algorithm**
Dunder E., Gumustekin S., Murat N., Cengiz M. A.
COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, no.2, pp.605-614, 2018 (SCI-Expanded)
- XVIII. **Using informative priors for handling missing data problem in Cox regression**
Alkan N., Terzi Y., Cengiz M. A.
COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, vol.46, no.10, pp.7614-7623, 2017 (SCI-Expanded)
- XIX. **Subset selection in quantile regression analysis via alternative Bayesian information criteria and heuristic optimization**
Dunder E., Gumustekin S., Murat N., Cengiz M. A.
COMMUNICATIONS IN STATISTICS-THEORY AND METHODS, vol.46, no.22, pp.11091-11098, 2017 (SCI-Expanded)
- XX. **Graphical modeling for item difficulty in medical faculty exams**
Tomak L., Bek Y., Cengiz M. A.
NIGERIAN JOURNAL OF CLINICAL PRACTICE, vol.19, no.1, pp.58-65, 2016 (SCI-Expanded)
- XXI. **A Bayesian Approach for Evaluation of Determinants of Health System Efficiency Using Stochastic Frontier Analysis and Beta Regression**

- ŞENEL T., Cengiz M. A.
COMPUTATIONAL AND MATHEMATICAL METHODS IN MEDICINE, vol.2016, 2016 (SCI-Expanded)
- XXII. **Bayesian Hierarchical Modeling for Categorical Longitudinal Data from Sedation Measurements**
Terzi E., Cengiz M. A.
COMPUTATIONAL AND MATHEMATICAL METHODS IN MEDICINE, vol.2013, 2013 (SCI-Expanded)
- XXIII. **COMPARING MODELS OF THE EFFECT OF AIR POLLUTANTS ON HOSPITAL ADMISSIONS AND SYMPTOMS FOR CHRONIC OBSTRUCTIVE PULMONARY DISEASE**
Cengiz M. A., Terzi Y.
CENTRAL EUROPEAN JOURNAL OF PUBLIC HEALTH, vol.20, no.4, pp.282-286, 2012 (SCI-Expanded)
- XXIV. **Zero-Inflated Regression Models for Modeling the Effect of air Pollutants on Hospital Admissions**
Cengiz M. A.
POLISH JOURNAL OF ENVIRONMENTAL STUDIES, vol.21, no.3, pp.565-568, 2012 (SCI-Expanded)
- XXV. **Comparing different sedation medications using generalized estimating equations approach**
Cengiz M. A., ŞENEL T., Terzi Y., Murat N., Savaş N.
African Journal of Pharmacy and Pharmacology, vol.4, no.4, pp.130-134, 2010 (SCI-Expanded)
- XXVI. **Using of generalized additive model for model selection in multiple poisson regression for air pollution data**
Terzi Y., Cengiz M. A.
Scientific Research and Essays, vol.4, no.9, pp.867-871, 2009 (SCI-Expanded)
- XXVII. **Application of group sequential test methods in survival analysis and power analysis of spending function**
Terzi Y., Sari M., Oguetue A. S., Cengiz M. A.
TÜRKİYE KLİNİKLERİ TIP BİLİMLERİ DERGİSİ, vol.27, no.6, pp.846-852, 2007 (SCI-Expanded)
- XXVIII. **Mixed multivariate generalized linear models for assessing lower-limb arterial stenoses**
Cengiz M. A., Percy D. F.
Statistics in Medicine, vol.20, no.11, pp.1663-1679, 2001 (SCI-Expanded)

Articles Published in Other Journals

- I. **Comparative Analysis of Skin Cancer Image with Classification and Clustering Algorithms**
Kara M., Terzi Y., Cengiz M. A.
international Journal of Computer , vol.49, no.1, pp.229-244, 2023 (Peer-Reviewed Journal)
- II. **SOSYAL BİLİMLERDE VERİ BİLİMİ KULLANIMI**
Sağlam F., Cengiz M. A.
Avrasya Sosyal ve Ekonomi Araştırmaları Dergisi (ASEAD), vol.10, no.4, pp.1175-1207, 2023 (Peer-Reviewed Journal)
- III. **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)
- IV. **Random Ensemble MARS: Model Selection in Multivariate Adaptive Regression Splines Using Random Forest Approach**
SABANCI D., CENGİZ M. A.
Journal of New Theory, vol.40, pp.0-45, 2022 (Peer-Reviewed Journal)
- V. **Modeling and Forecasting of USD/TRY Exchange Rate Using ARMA-GARCH Approach**
YILDIRIM E., CENGİZ M. A.
İstatistik Araştırma Dergisi, vol.12, no.2, 2022 (Peer-Reviewed Journal)
- VI. **ENSEMBLE LEARNING ALGORITHMS**
Turan S. C., Cengiz M. A.
JOURNAL OF SCIENCE AND ARTS, no.2, pp.459-470, 2022 (ESCI)

- VII. **Optimization Based Undersampling for Imbalanced Classes Dengesiz Sınıflamada Optimizasyona Dayalı Azörnekleme**
SAĞLAM F., Sözen M., Cengiz M. A.
Adiyaman University Journal of Science, vol.11, no.2, pp.385-409, 2021 (Scopus)
- VIII. **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)
- IX. **The Effects of Kernel Functions and Optimal Hyperparameter Selection on Support Vector Machines**
YAMAN A., CENGİZ M. A.
Journal of New Theory, vol.2021, no.34, pp.64-71, 2021 (Peer-Reviewed Journal)
- X. **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)
- XI. **A Classical and Bayesian Approach for Parameter Estimation in Structural Equation Models**
MURAT N., CENGİZ M. A.
Journal of New Theory, 2020 (Peer-Reviewed Journal)
- XII. **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)
- XIII. **A Classical and Bayesian Approach for Parameter Estimation in Structural Equation Models**
MURAT N., CENGİZ M. A.
Journal of New Theory, no.33, pp.56-75, 2020 (Peer-Reviewed Journal)
- XIV. **Determining the Factors that Influence the Effectiveness of the Health Sector in the OECD Countries**
TURAN S. C., CENGİZ M. A.
Sakarya Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.24, no.5, pp.1094-1104, 2020 (Peer-Reviewed Journal)
- XV. **Dependency between Exchange Rate and Gold Price via Copula-DCC-GARCH Approach**
YILDIRIM E., CENGİZ M. A.
International Journal for Scientific Research and Development, vol.6, no.5, pp.974-978, 2018 (Peer-Reviewed Journal)
- XVI. **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)
- XVII. **Prior Selection and Comparisons in Bayesian Generalized Linear Mixed Models**
ÖZTÜRK Z., CENGİZ M. A.
Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.21, no.3, pp.999-1010, 2017 (Peer-Reviewed Journal)
- XVIII. **Determining of Dependency Between Exchange Rates Through Copula – GARCH Model**
YILDIRIM E., CENGİZ M. A.
EPRA International Journal of Research Development (IJRD), vol.2, no.11, pp.7-15, 2017 (Peer-Reviewed Journal)
- XIX. **Evaluating Value at Risk in BIST using Copula Approach**
YILDIRIM E., CENGİZ M. A.
International Journal of Sciences : Basic and Applied Research, vol.30, no.5, pp.52-62, 2016 (Peer-Reviewed Journal)
- XX. **Comparisons Of Markov Chain Monte Carlo ConvergenceDiagnostic Tests For Bayesian Logistic Random Effect Models**
ÖZTÜRK Z., CENGİZ M. A.
International Journal of research in Medical and Health Science, vol.9, no.1, pp.1-13, 2016 (Peer-Reviewed Journal)

- XXI. **A bibliometric analysis of socio economic academic development and publication productivity of Turkish world during 1992 2014**
DEMİR E., CENGİZ M. A., ŞENEL E.
hitit university journal of social sciences institute, vol.9, no.1, pp.441-460, 2016 (Peer-Reviewed Journal)
- XXII. **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)
- XXIII. **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)
- XXIV. **A Bayesian aproach for zero inflated count data in psychological research**
MURAT N., CENGİZ M. A., KOÇ B.
Journal of Advanced Scientific Research, vol.6, no.1, 2015 (Peer-Reviewed Journal)
- XXV. **Use of item response theory on University entrance plot exam for evaluating the students ability**
KOÇ T., CENGİZ M. A., KOÇ H.
IAAOJ Scientific Science, vol.3, no.1, 2015 (Peer-Reviewed Journal)
- XXVI. **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)
- XXVII. **A Comparative Study on Bayesian Optimization Algorithm for Nutrition Problem**
GÜMÜŞTEKİN S., ŞENEL T., CENGİZ M. A.
Journal of Food and Nutrition Research, vol.2, no.12, pp.952-958, 2014 (Peer-Reviewed Journal)
- XXVIII. **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)
- XXIX. **A Bayesian Zero Inflated Model for Modelling The Effect of Air Pollutants on Hospital Admissions and Symptoms for Chronic Obstructive Pulmonary Disease**
TERZİ E., ŞENEL T., KOÇ H., CENGİZ M. A.
International Journal of Statistics, vol.38, no.1, pp.1114-1120, 2014 (Peer-Reviewed Journal)
- XXX. **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)
- XXXI. **Comparison of missing data analysis methods in Cox proportional hazard models**
Alkan N., Terzi Y., Cengiz M. A., Alkan B. B.
Türkiye Klinikleri Biyoistatistik Dergisi, vol.5, no.2, pp.49-54, 2013 (Peer-Reviewed Journal)
- XXXII. **Samsun Bölgesindeki Hava Kirliliğinin Neden Olduğu Hastalıkların İstatistiksel Modellenmesi**
CENGİZ M. A., ŞENEL T., TERZİ E., SAVAŞ N., TERZİ Y.
Karadeniz Fen Bilimleri Dergisi, vol.3, no.8, pp.27-36, 2013 (Peer-Reviewed Journal)
- XXXIII. **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)
- XXXIV. **BAYESCİ 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)
- XXXV. **A BAYESIAN APPROACH FOR ITEM RESPONSE THEORY IN ASSESSING THE PROGRESS TEST IN MEDICAL STUDENTS**
CENGİZ M. A., ÖZTÜRK Z.
International Journal of Research In Medical and Health Sciences, vol.3, pp.15-19, 2013 (Peer-Reviewed Journal)

- XXXVI. **Lojistik Regresyonda Parametre Tahmininde Bayesci Bir Yaklaşım**
CENGİZ M. A., TERZİ E., ŞENEL T., MURAT N.
Afyon Kocatepe Üniversitesi Fen Bilimleri Dergisi, vol.12, no.1, pp.15-22, 2012 (Peer-Reviewed Journal)
- XXXVII. **Bayesian Method of Moments for Modelling Repeated Sedation Measurements**
ŞENEL T., TERZİ E., CENGİZ M. A.
Journal of Advanced Scientific Research, vol.3, no.4, pp.78-81, 2012 (Peer-Reviewed Journal)
- XXXVIII. **A Bayesian Computation for the Prediction of Football Match Results Using Artificial Neural Network**
CENGİZ M. A., MURAT N., KOÇ H., ŞENEL T.
International Journal of Scientific Knowledge, vol.1, no.2, pp.25-31, 2012 (Peer-Reviewed Journal)
- XXXIX. **Genelleştirilmiş lineer karma modellerde tahmin yöntemlerinin uygulamalı karşılaştırılması**
KOÇ T., CENGİZ M. A.
Karaelmas Fen ve Mühendislik Dergisi, vol.2, no.2, 2012 (Peer-Reviewed Journal)
- XL. **Youth s perception of problem Trabzon case**
MURAT N., CENGİZ M. A., TERZİ Y.
THE JOURNAL OF INTERNATIONAL SOCIAL RESEARCH, vol.2, no.7, pp.175-184, 2009 (Peer-Reviewed Journal)
- XLI. **AN APPLICATION OF LATENT ROOT REGRESSION MODELS TO REAL DATA SET**
TERZİ E., ŞENEL T., TERZİ Y., CENGİZ M. A.
e-Journal of New World Sciences Academy, vol.4, no.4, pp.104-109, 2009 (Peer-Reviewed Journal)
- XLII. **Latent Regresyon Modellerin Gerçek Veri Kümesine Uygulaması**
TERZİ E., ŞENEL T., TERZİ Y., CENGİZ M. A.
e-Journal of New World Sciences Academy, vol.4, no.4, pp.104-109, 2009 (Peer-Reviewed Journal)
- XLIII. **Çoklu Doğrusal Regresyonda Model Seçiminde Genelleştirilmiş Toplamsal Modellerin Kullanımı**
ŞENEL T., CENGİZ M. A., SAVAŞ N., TERZİ Y.
Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.2, no.2, pp.217-227, 2009 (Peer-Reviewed Journal)
- XLIV. **Genç Nüfusun Sorun Algılaması: Trabzon Örneği**
MURAT N., CENGİZ M. A., TERZİ Y.
THE JOURNAL OF INTERNATIONAL SOCIAL RESEARCH, vol.2, no.7, pp.175-184, 2009 (Peer-Reviewed Journal)
- XLV. **An application of multinomial response models using bayesian approach**
Cengiz M. A., Terzi Y., Savas N.
JOURNAL OF STATISTICS & MANAGEMENT SYSTEMS, vol.12, no.4, pp.603-611, 2009 (ESCI)
- XLVI. **Lojistik regresyonda Bayesci model ortalaması yaklaşımı**
CENGİZ M. A., MURAT N., TERZİ Y., Savaş N.
Selçuk Üniversitesi Fen Dergisi, vol.2, no.32, pp.101-106, 2008 (Peer-Reviewed Journal)
- XLVII. **Grup ardışık test yöntemleri ile sağkalım analizinde örneklem hacminin belirlenmesi**
TERZİ Y., MURAT N., CENGİZ M. A.
Afyon Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, vol.8, no.1, pp.169-180, 2008 (Peer-Reviewed Journal)
- XLVIII. **Bayesci hipotez testleri ve Bayes faktörü**
TERZİ Y., MURAT N., CENGİZ M. A.
e-Journal of New World Sciences Academy, vol.3, no.2, pp.321-329, 2008 (Peer-Reviewed Journal)
- XLIX. **Application of group sequential test methods in survival analysis and power analysis of spending function Grup ardışık test yöntemlerinin sağkalım analizinde uygulanması ve harcama fonksiyonlarının güç analizi**
Terzi Y., Sari M., Sabri Öğütlü A., Cengiz M. A.
Türkiye Klinikleri Journal of Medical Sciences, vol.27, no.6, pp.846-852, 2007 (Scopus)
- L. **Akciğer kanserli hastalarda prognostik faktörlerin sağkalıma etkisi**
TERZİ Y., CENGİZ M. A., TERZİ E., BEK Y.
Mersin Üniversitesi Tıp Fakültesi Dergisi, vol.6, no.4, pp.344-349, 2005 (Peer-Reviewed Journal)
- LI. **Cox regresyon modelinde oransal hazard varsayımının artıklarla incelenmesi ve akciğer kanseri hastaları üzerinde uygulanması**
TERZİ Y., CENGİZ M. A., BEK Y.

- Türkiye Klinikleri Tıp Bilimleri Dergisi, vol.25, no.6, pp.770-775, 2005 (Scopus)
- LII. **Bayesian inference for bivariate generalized linear models in diagnosing renal arterial obstruction**
Cengiz M. A.
Statistical Methodology, vol.2, no.3, pp.168-174, 2005 (Scopus)
- LIII. **An Application on Bayesian Inference of Log Linear Models for Contingency Tables**
CENGİZ M. A., ŞENEL T., TERZİ E.
International Journal of Applied Mathematics, vol.17, no.2, pp.193-200, 2005 (Peer-Reviewed Journal)
- LIV. **Analysis of proportional hazards assumption in Cox regression model using residuals and an application on lung cancer patients Cox regresyon modelinde oransal hazard varsayiminin artiklarla incelenmesi ve akciğer kanseri hastalari üzerinde uygulanması**
Terzi Y., Cengiz M. A., Bek Y.
Türkiye Klinikleri Journal of Medical Sciences, vol.25, no.6, pp.770-775, 2005 (Scopus)
- LV. **Akciğer kanseri hastalarda prognostik faktörlerin sağkalıma etkisi**
TERZİ Y., CENGİZ M. A., TERZİ E., BEK Y.
Mersin Üniversitesi Tıp Fakültesi dergisi, no.4, pp.344-349, 2005 (Peer-Reviewed Journal)
- LVI. **Cox regresyon modelinde oransal hazard varsayiminin artiklarla incelenmesi ve akciğer kanseri hastalari üzerinde uygulaması**
TERZİ Y., CENGİZ M. A., BEK Y.
Türkiye Klinikleri Tıp Bilimleri Dergisi, vol.25, no.6, pp.770-775, 2005 (Scopus)
- LVII. **A Bayesian approach for assessing arterial occlusive disease Damar tıkanıklığı tespitinde Bayesci bir yaklaşım**
Cengiz M. A., Terze Y., Bek Y.
Ondokuz Mayıs Üniversitesi Tıp Dergisi, vol.21, no.1, pp.6-11, 2004 (Scopus)
- LVIII. **Sağdan sansürlü veriler için parametrik regresyon modeli ve kemik iliği naklinde kullanımı**
TERZİ Y., BEK Y., CENGİZ M. A.
İstatistik Araştırma Dergisi, vol.3, no.1, pp.9-20, 2004 (Peer-Reviewed Journal)
- LIX. **Damar tıkanıklığı tespitinde Bayesci bir yaklaşım**
Cengiz M. A., Terzi Y., Bek Y.
JOURNAL OF EXPERIMENTAL AND CLINICAL MEDICINE, vol.21, no.1, pp.6-11, 2004 (Peer-Reviewed Journal)
- LX. **Accurate binary decisions for assessing coronary artery disease**
Cengiz M. A.
Journal of Modern Applied Statistical Methods, vol.3, no.1, pp.158-164, 2004 (Scopus)
- LXI. **Bayesian Inference of Binary Logistic Regression Model for Assessing Erythrocyte Sedimentation Rate**
Cengiz M. A., Bek Y., Yılmaz R.
PAKISTAN JOURNAL OF BIOLOGICAL SCIENCES, vol.4, no.9, pp.1180-1183, 2001 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Data envelopment analysis and performance measurement**
Banker R., Emrouznejad A., BAL H., ALP İ., CENGİZ M. A.
DEA, 2013

Refereed Congress / Symposium Publications in Proceedings

- I. **Meta Analiz ve Sistematiik incelemelerinin gizemini ortaya çıkarmak: Kanıt sentezindeki önemlerini anlamak için bir kılavuz**
Sidow A., Cengiz M. A.
4th international acharaka congress on life,engineering, and applied sciences, İzmir, Turkey, 15 - 18 July 2023,

pp.147-156

- II. **META-ANALİZ VE SİSTEMATİK İNCELEMELERİN GİZEMİNİ ORTAYA ÇIKARMAK: KANIT SENTEZİNDEKİ ÖNEMLERİNİ ANLAMAK İÇİN BİR KILAVUZ**
SİDOW ALİ A., CENGİZ M. A.
4TH INTERNATIONAL ACHARAKA CONGRESS ON LIFE, ENGINEERING, AND APPLIED SCIENCES, Turkey, 15 July 2023, pp.147-156
- III. **Portfolio Risk Estimation via ARMA-GARCH Kapula Approach**
YILDIRIM E., CENGİZ M. A.
2nd International Conference on Data Science and Applications, Balıkesir, Turkey, 3 - 06 October 2019
- IV. **DCC-GARCH-Copula Approach in Modelling Dependencybetween Stock and Government Bonds**
YILDIRIM E., CENGİZ M. A.
2nd International Conference on Data Science and Applications (ICONDATA'19, 3 - 06 October 2019
- V. **BOOSTING İLE GÖZLEMLERİN DOĞRU TAHMİN EDİLEBİLİRLİK SEVİYESİ TESPİTİ VE DENGESİZ SINIF PROBLEMİNDE SENTETİK VERİ ÜRETİMİNDE KULLANIMI**
SAĞLAM F., TURAN S. C., CENGİZ M. A.
ULUSLARARASI 19 MAYIS MULTİDİSİPLİNER ÇALIŞMALAR KONGRESİ, Samsun, Turkey, 17 - 19 May 2019, pp.691-699
- VI. **Noise Detection in Imbalanced Classes Using Adaptive Boosting**
SAĞLAM F., Cengiz M. A.
4th International Conference on Computer Science and Engineering (UBMK), Samsun, Turkey, 11 - 15 September 2019, pp.449-452
- VII. **Kapula Yaklaşımı İle Portföy Risk Değerlendirilmesi**
YILDIRIM E., CENGİZ M. A.
19. ULUSLARARASI EKONOMETRİ, YÖNEYLEM ARAŞTIRMASI VE İSTATİSTİK SEMPOZYUMU, Antalya, Turkey, 17 - 20 October 2018
- VIII. **Döviz Kuru Getirilerinin ARIMA-GARCH Yaklaşımı ile Modellenmesi**
YILDIRIM E., CENGİZ M. A.
19. ULUSLARARASI EKONOMETRİ, YÖNEYLEM ARAŞTIRMASI VE İSTATİSTİKSEMPZYUMU, Antalya, Turkey, 17 - 20 October 2018
- IX. **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
- X. **Mars Touch upon Multiple Regression Model**
SABANCI D., CENGİZ M. A., BEK Y.
International Conference on Computational and Statistical Methods in Applied Sciences (COSTAS 2017), Samsun, Turkey, 9 - 11 November 2017
- XI. **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 Methohds in Applied Sciences, Samsun, Turkey, 9 - 11 November 2017
- XII. **Combining Different Efficiency Scores with the Copula**
PALA M., CENGİZ M. A.
International Conference on Computational and Statistical Methods in Applied Sciences COSTAS 2017, 9 - 11 November 2017
- XIII. **Lasso Feature Selection in Multivariate Bernoulli Logistic Models**
YAMAN A., CENGİZ M. A.
International Conference on Computational and Statistical Methods in Applied Sciences COSTAS 2017, 9 - 11 November 2017
- XIV. **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

- XV. **Analyzing the Gender And Physical Characteristics Effects on Weight By Using Multivariate Adaptive Regression Splines (MARS)**
BEKAR ADIGÜZEL M., CENGİZ M. A.
International Conference on Computational and Statistical Methods in Applied Sciences COSTAS 2017, 9 - 11 November 2017
- XVI. **Finansal Varlıklar Arasındaki Bağımlılık Yapısının Modellenmesinde Kapula Yaklaşımı**
YILDIRIM E., CENGİZ M. A.
18. International Symposium on Econometrics, Operations Research and Statistics, Trabzon, Turkey, 5 - 07 October 2017
- XVII. **OECD Ülkelerinde GSYH'yi Etkileyen Faktörlerin Path Analizi Yöntemi İle Modellenmesi**
YILDIRIM E., CENGİZ M. A.
18. International Symposium on Econometrics, Operations Research and Statistics, Trabzon, Turkey, 5 - 07 October 2017
- XVIII. **Second Stage Stochastic Frontier Analysis Using Heuristic Algorithm Methods for Estimation of Health System Efficiency for OECD Countries**
TURAN S. C., CENGİZ M. A.
15th International Conference on Data Envelopment Analysis, PRAG, Czech Republic, 26 - 29 June 2017
- XIX. **A Second Stage Approach in Efficiency Analysis via Multivariate Adaptive Regression Splines**
DÜNDER E., AYDIN S., CENGİZ M. A.
15th International Conference on Data Envelopment Analysis, 26 - 29 June 2017
- XX. **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
- XXI. **An Introduction to Bayesian Stochastic Frontier Analysis**
CENGİZ M. A.
2nd INTERNATIONAL CONFERENCE ON ADVANCES IN NATURAL AND APPLIED SCIENCES, ANTALYA, TURKEY, Antalya, Turkey, 17 - 21 April 2017
- XXII. **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
- XXIII. **Implementing The Structural Equation Modeling for Brand Value Evaluation**
DÜNDER E., CENGİZ M. A., MURAT N., GÜMÜŞTEKİN S.
2nd International Conference on Advances in Natural and Applied Sciences, Antalya, Turkey, 18 - 21 April 2017
- XXIV. **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
- XXV. **Sanayi Üretim Endeksleri İle İlgili Temel Değişkenler Arasındaki Bağımlılığın Stokastik Kapula Yaklaşımı ile Modellenmesi**
YILDIRIM E., CENGİZ M. A.
2nd International Conference on Applied Economics and Finance (ICOAEF 2016), Girne, Cyprus (Kktc), 5 - 06 December 2016
- XXVI. **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
- XXVII. **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
- XXVIII. **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

XXIX. 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

XXX. Modelling of dependency between industrial production indexes and their fundamentals using stochastic copula approach

YILDIRIM E., CENGİZ M. A.

2nd International conference on applied economics and finance, 5 - 06 December 2016

XXXI. 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

XXXII. 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

XXXIII. 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

XXXIV. 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

XXXV. Investigation of Principal Component Analysis for Regression Models

DÜNDER E., CENGİZ M. A.

INTERNATIONAL CONFERENCE ON ADVANCES AND APPLIED SCIENCES, 21 - 23 April 2016

XXXVI. 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

XXXVII. Investigating Different Priors in Bayesian Continual Reassessment Method

KOÇ T., KOÇ H., CENGİZ M. A.

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

XXXVIII. Variable Selection for Item Response Models

ÖZTÜRK Z., CENGİZ M. A.

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

XXXIX. 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

XL. 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

XLI. 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

XLII. 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

- XLIII. 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
- XLIV. 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
- XLV. 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
- XLVI. The Optimization of the Sample According to the Concordance Among MCMC Convergence Criterias**
MURAT N., CENGİZ M. A., DÜNDER E.
16. Uluslararası Ekonometri, Yöneylem Araştırması ve İstatistik Sempozyumu, Edirne, Turkey, 7 - 12 May 2015, vol.4, pp.552-553
- XLVII. evaluation of determinants of health system efficiency for OECD countries using bayesian stochastic frontier analysis and bayesian beta regression**
CENGİZ M. A., DÜNDER E., TERZİ E., GÜMÜŞTEKİN S.
13th international conference on data envelopment analysis, 24 - 27 August 2015
- XLVIII. Evaluation of Determinants of Health System Efficiency for OECD Using Bayesian Stochastic Frontier Analysis and Bayesian Beta Regression**
CENGİZ M. A., DÜNDER E., TERZİ E., GÜMÜŞTEKİN S.
13th International Conference on Data Envelopment Analysis, Braunschweig, Germany, 24 - 27 August 2015, pp.5
- XLIX. Evaluation of determinants of health system efficiency for oecd countries using bayesian stochastic frontier analysis and bayesian network**
CENGİZ M. A., DÜNDER E., TERZİ E.
The 8th Conference of Eastern Mediterranean Region of International Biometric Society, 11 - 15 May 2015, pp.50
- L. Determination of causality in structural equation modeling with Bayesian network analysis**
MURAT N., DÜNDER E., CENGİZ M. A.
The 8th Conference of Eastern Mediterranean Region of International Biometric Society, 11 - 15 May 2015, pp.170
- LI. Comparisons on convergence diagnostic tests for bayesian logistic random effect model**
ÖZTÜRK Z., CENGİZ M. A.
The 8th Conference of Eastern Mediterranean Region of International Biometric Society, 11 - 15 May 2015, pp.9
- LII. Feature selection approach for zero inflated regression models using Artificial Bee Colony algorithm**
DÜNDER E., CENGİZ M. A., BEK Y.
The 8th Conference of Eastern Mediterranean Region of International Biometric Society, 11 - 15 May 2015, pp.127
- LIII. A comparison on feature selection in Generalized linear mixed model in using Lasso approach**
ÖZTÜRK Z., CENGİZ M. A.
The 8th Conference of Eastern Mediterranean Region of International Biometric Society, 11 - 15 May 2015, pp.168
- LIV. A Bayesian approach for continual reassessment method for Phase I clinical trials**
KOÇ T., CENGİZ M. A., KOÇ H., BEK Y.
The 8th Conference of Eastern Mediterranean Region of International Biometric Society, 11 - 15 May 2015, pp.121
- LV. Bayesian model averaging approach for estimating determinants of health system bayesian efficiency across oecd countries**
ERDOĞDU H., TERZİ Y., CENGİZ M. A.
The 8th Conference of Eastern Mediterranean Region of International Biometric Society, 11 - 15 May 2015, pp.51
- LVI. A Bayesian Lasso approach for modelling diabetic disease**
DÜNDER E., CENGİZ M. A., BEK Y.
The 8th Conference of Eastern Mediterranean Region of International Biometric Society, 11 - 15 May 2015, pp.144
- LVII. Detection the factors effecting diabetic patients hba1c measurements using ordinal logistic regression and genetic algorithm**

- DEMİR E., DÜNDER E., CENGİZ M. A.
The 8th Conference of Eastern Mediterranean Region of International Biometric Society, 11 - 15 May 2015, pp.84
- LVIII. **Bayesian Model Averaging Approach for Estimating Determinants of Health System Bayesian Efficiency Across OECD Countries**
ERDOĞDU H., TERZİ Y., CENGİZ M. A.
The 8th conference of the Eastern Mediterranean Region of the International Biometric Society (EMR-IBS), Cappadocia-Nevsehir, Turkey, 11 - 15 May 2015, pp.51
- LIX. **Modeling Unemployment Rates with Generalized Additive Models for Rational Response**
DÜNDER E., KOÇ T., CENGİZ M. A.
16. Uluslararası Ekonometri, Yöneyim Araştırması ve İstatistik Sempozyumu, Turkey, 07 May 2015
- LX. **Türk Dünyasının 1992 2014 sürecindeki Sosyo Ekonomik Akademik Gelişmişlikleri ve Yayın Verimlilikleri üzerine Bibliyometrik Analiz**
DEMİR E., CENGİZ M. A., ŞENEL E.
IV. Uluslararası Türk Dünyası Ekonomi Forumu, 7 - 09 May 2015
- LXI. **multi objective simulation optimization using data envelopment analysis and genetic algorithm**
GÜMÜŞTEKİN S., ŞENEL T., CENGİZ M. A.
16th international symposium on econometrics, operations research and statistics, 7 - 12 May 2015
- LXII. **A Comparison Of Some Meta Heuristics Optimization Methods For Parameter Estimation in Logit Model With An Application To Vitiligo Disease Risk Factor**
DEMİR E., DÜNDER E., CENGİZ M. A.
International Conference on Advances in Statistics, 24 - 28 March 2015
- LXIII. **Determination of the profile of social media usage habits by the Latent Class Analysis**
KOÇ H., CENGİZ M. A., KOÇ T., ULAŞ E.
Applied Statistics 2015 conference, 20 - 23 September 2015
- LXIV. **Determining factors that affects housing prices in Turkey by Bayesian network**
KOÇ T., CENGİZ M. A., KOÇ H., ULAŞ E.
Applied Statistics 2015 conference, 20 - 23 September 2015
- LXV. **OECD Ülkelerinin Enerji Performanslarının Bayesci Stokastik Sınır Analizi ile Değerlendirilmesi**
CENGİZ M. A., MURAT N., ŞENEL T.
8. Uluslararası İstatistik Kongresi, Antalya, Turkey, 27 - 30 October 2013, pp.263-264
- LXVI. **A Bayesian Computation for Stochastic Frontier Analysis**
CENGİZ M. A., ŞENEL T., TERZİ Y., MURAT N.
11th International Conference on Data Envelopment Analysis (DEA2013), Samsun, Turkey, 27 - 30 June 2013, pp.11
- LXVII. **Bayesci Yapısal Eşitlik Modellerde Kesikli Verilerin Analizi İçin Eşik Değer Yaklaşımı**
MURAT N., CENGİZ M. A., ÖZTÜRK Z.
XIVth International Symposium on Econometrics, Operations Research and Statistics, Sarajevo, Bosnia And Herzegovina, 26 May 2013
- LXVIII. **Olasılıksal model yapılı hibrid genetik algoritmalar**
GÜMÜŞTEKİN S., ŞENEL T., CENGİZ M. A.
14th International Symposium on Econometrics, Operations Research and Statistics, 24 - 28 May 2013
- LXIX. **Bayesci Yapısal Eşitlik Modellerde Yakınsama Kriterlerinin Karşılaştırılması**
MURAT N., CENGİZ M. A.
XIVth International Symposium on Econometrics, Operations Research and Statistics, Sarajevo, Bosnia And Herzegovina, 24 May 2013
- LXX. **Bayesian Optimization Algorithm for Feeding Problem**
ŞENEL T., GÜMÜŞTEKİN S., CENGİZ M. A.
8th International Symposium of Statistics, Eskişehir, Turkey, 11 - 13 October 2012, pp.337-338
- LXXI. **Bayesian Model Comparison of Nonlinear Structural Equation Models**
MURAT N., CENGİZ M. A., DÜNDER E.
8th International Symposium of Statistics, Eskişehir, Turkey, 11 October 2012

- LXXII. **The score based algorithms for learning structure in Bayesian networks**
DÜNDER E., CENGİZ M. A., MURAT N.
8th International Symposium of Statistics, Eskişehir, Turkey, 11 October 2012
- LXXIII. **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, Turkey, 24 May 2012
- LXXIV. **Bayesci Yapısal Eşitlik Modeli Üzerine Bir Uygulama**
MURAT N., CENGİZ M. A., DÜNDER E., KİBAR M.
13th International Conference on Econometrics, Operations Research and Statistics, Gazimagusa, Cyprus (Kktc), 24 May 2012
- LXXV. **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
- LXXVI. **Samsun İmalat Sanayi Envanteri**
CENGİZ M. A., MURAT N., ŞENEL T.
Samsun Sempozyumu, Samsun, Turkey, 13 - 16 October 2011, pp.1-13
- LXXVII. **WinBUGS Kullanılarak Stokastik Sınır Analizi İçin Bir Bayes Yaklaşımı**
ŞENEL T., CENGİZ M. A., SAVAŞ N., TERZİ Y.
12th International Symposium on Econometrics, Statistics and Operations Research, Denizli, Turkey, 26 - 29 May 2011, pp.262
- LXXVIII. **Karışık Değişkenli İki Seviyeli Lineer Olmayan Yapısal Eşitlik Modellerine Bayesci Bir Yaklaşım**
CENGİZ M. A., MURAT N., TERZİ E.
12th International Symposium on Econometrics, Statistics and Operations Research, Denizli, Turkey, 26 May 2011
- LXXIX. **Bayesci Genelleştirilmiş Momentler Metodu Uygulamaları**
CENGİZ M. A., MURAT N., TERZİ E., ŞENEL T.
XII. Ulusal Biyoistatistik Kongresi, Van, Turkey, 28 June - 01 July 2010, pp.119
- LXXX. **Türkiye Ölüm Hızları Verisi İçin Bayesci Kanser Haritalama**
CENGİZ M. A., KOÇ H., MURAT N.
XII. Ulusal Biyoistatistik Kongresi, Van, Turkey, 28 June 2010
- LXXXI. **WinBUGS Kullanarak Bayesci Model Seçimi**
MURAT N., CENGİZ M. A., TERZİ E.
XII. Ulusal Biyoistatistik Kongresi, Van, Turkey, 28 June 2010
- LXXXII. **Calculation of Sample Size in Survival Analysis With Group Sequential Design and Adaptive Design**
YILDIZ M., TERZİ Y., CENGİZ M. A., MURAT N., BEK Y.
5th Conference of The Eastern Mediterranean Region of The International Biometric Society (IBS-EMR), İstanbul, Turkey, 14 May 2009
- LXXXIII. **Sağkalım Analizinde Örneklem Büyüklüğünün Uyarlanabilir Tasarımlarla Hesaplanması**
YILDIZ M., TERZİ Y., CENGİZ M. A., MURAT N.
VI. İstatistik Günleri Sempozyumu, Samsun, Turkey, 28 August 2008
- LXXXIV. **SAS'da Genelleştirilmiş Toplamsal Model Uygulamaları**
CENGİZ M. A., SAVAŞ N., MURAT N., KOÇ H.
VI. İstatistik Günleri Sempozyumu, Samsun, Turkey, 28 August 2008
- LXXXV. **Lojistik Regresyonda Bayesci Değişken Seçim Yöntemleri**
CENGİZ M. A., BEK Y., TERZİ Y., MURAT N.
IX. Ulusal Biyoistatistik Kongresi, Zonguldak, Turkey, 05 September 2006
- LXXXVI. **Lojistik Regresyonda Model Seçimi İçin Bayesci Model Ortalaması Kullanımı**
CENGİZ M. A., TERZİ Y., MURAT N.
5. İstatistik Günleri Sempozyumu, Antalya, Turkey, 24 May 2006

Expert Reports

- I. **Üniversite Öğrencilerinin saldırganlık Kişilerarası problem çözme becerileri kişilerarası ilişki tarzları ve iletişim beceri arasındaki ilişkilerin incelenmesi**
CENGİZ M. A.
2015
- II. **Üniversite öğrencilerinin iletişim becerileri ile kişilerarası problem çözme becerileri arasındaki ilişki**
CENGİZ M. A.
2015

Supported Projects

Cengiz M. A., Technopark, Sosyal Bilimlerde Yapay Zeka Teknikleriyle Veri Bilimi ve İstatistik Eğitim Modülleri, 2023 - 2024

Cengiz M. A., Technopark, Veri Bilimi Eğitimlerine Yönelik Yapay Zekaya Dayalı Yeni bir E-Öğrenme Yazılım Sisteminin Geliştirilmesi,, 2022 - 2023

Cengiz M. A., Project Supported by Higher Education Institutions, International Conference on Computational and Statistical Methods in Applied Sciences, 2017 - 2023

Cengiz M. A., Project Supported by Higher Education Institutions, the 15th International Conference on Data Envelopment Analysis, 2017 - 2023

Cengiz M. A., Project Supported by Higher Education Institutions, Data envelopment analysis with missing data: An Expectation maximization approach, 2016 - 2023

Cengiz M. A., Project Supported by Higher Education Institutions, İkinci aşama etkinlik analizinde kapula regresyonun kullanımı, 2018 - 2019

Cengiz M. A., Project Supported by Higher Education Institutions, Çok değişkenli Bernoulli lojistik modellerde Lasso tahminleriyle Model Seçimi, 2014 - 2018

Cengiz M. A., Project Supported by Higher Education Institutions, OECD ülkelerinin sağlık sektörü etkinliklerini belirleyen faktörlerin tahmini, 2017 - 2017

Cengiz M. A., Dünder E., Project Supported by Higher Education Institutions, Beta regresyon analizinde sezgisel optimizasyon algoritmaları kullanarak model seçimi, 2016 - 2016

Yıldırım E., Cengiz M. A., Project Supported by Higher Education Institutions, Çok değişkenli zaman serilerinde bağımlılığın Kapula modellenmesi, 2016 - 2016

Cengiz M. A., Project Supported by Higher Education Institutions, XIV.ULUSLARARASI EKONOMETRİ YÖNEYLEM ARAŞTIRMASI VE İSTATİSTİK SEMPOZYUMU, 2016 - 2016

Cengiz M. A., Project Supported by Higher Education Institutions, 12.Uluslararası İstatistik Öğrenci Kolokyum, 2015 - 2015

Terzi E., Cengiz M. A., Project Supported by Higher Education Institutions, Ondokuz Mayıs Üniversitesi nin Samsun a Etkileri ve Şehrin Üniversite yi Algılayışı PYO BKM 1901 11 001, 2009 - 2013

Terzi E., Cengiz M. A., Project Supported by Higher Education Institutions, Samsun Bölgesindeki Hava Kirliliğinin Neden Olduğu Hastalıkların Modellenmesi Proje No F341, 2009 - 2013

Cengiz M. A., Terzi Y., Esme H., Taş E., Project Supported by Higher Education Institutions, Afyonkarahisar da hava kirliliği ve ilişkili olduğu hastalıkların istatistiksel modellenmesi, 2006 - 2011

Congress and Symposium Activities

4th International Conference on Computer Science and Engineering (UBMK), Attendee, Samsun, Turkey, 2019

ULUSLARARASI EKONOMETRİ, YÖNEYLEM ARAŞTIRMASI VE İSTATİSTİK SEMPOZYUMU , Attendee, Antalya, Turkey, 2018