

# Prof. İNCİ BATMAZ

## Personal Information

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## International Researcher IDs

ScholarID: 7LmVXMMAAAAJ

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Publons / Web Of Science ResearcherID: B-1614-2018

ScopusID: 6506670261

Yoksis Researcher ID: 13207

## Education Information

Doctorate, Ege University, Faculty Of Engineering, Bilgisayar Mühendisliği Bölümü, Turkey 1987 - 1993

Postgraduate, Ege University, Faculty Of Engineering, Bilgisayar Mühendisliği Bölümü, Turkey 1984 - 1986

Undergraduate, Middle East Technical University, Faculty of Arts and Sciences, Department of Statistics, Turkey 1979 - 1984

## Foreign Languages

English, C1 Advanced

## Dissertations

Doctorate, A Research on intelligent software development for design and analysis of factorial experiments, Ege Üniversitesi, 1993

Postgraduate, Lojistik Dağılım ve Parametrelerini Tahminlemek için Geliştirilen Çeşitli Yöntemlerin Karşılaştırılması, Ege Üniversitesi, 1986

## Research Areas

Statistical Analysis and Applications

## Academic Titles / Tasks

Professor, Middle East Technical University, Faculty of Arts and Sciences, Department of Statistics, 2012 - Continues

Associate Professor, Middle East Technical University, Faculty of Arts and Sciences, Department of Statistics, 2010 - 2012

Assistant Professor, Middle East Technical University, Faculty of Arts and Sciences, Department of Statistics, 2002 - 2010

Assistant Professor, Ege University, Faculty Of Science, İstatistik Bölümü, 1994 - 2002

Research Assistant, Ege University, Faculty Of Science, İstatistik Bölümü, 1985 - 1994

## Academic and Administrative Experience

Rektörlük Kalite Komisyonu Üyesi, Middle East Technical University, Presidency Office, Presidency Office, 2019 - Continues

Coordinator of The Rectorate, Middle East Technical University, Presidency Office, Presidency Office, 2019 - Continues  
Middle East Technical University, Graduate School of Natural and Applied Sciences, 2014 - 2016

Head of Department, Middle East Technical University, Faculty of Arts and Sciences, Department of Statistics, 2012 - 2015

## Supervised Theses

KARAGÖZ P., BATMAZ İ., Learning to rank web data using multivariate adaptive regression splines, Postgraduate, G.ALTINOK(Student), 2018

ULUSOY İ., BATMAZ İ., Comparison of computational image inpainting methods, Postgraduate, C.KURT(Student), 2018

BATMAZ İ., YOZGATLIGİL C., A computational approach to detect inhomogeneities in time series data, Doctorate, C.YAZICI(Student), 2017

BATMAZ İ., İLK DAĞ Ö., The effect of computer assisted instruction on eight grade students' permutation-combination-probability achievement and attitudes towards computer assisted instruction, Postgraduate, T.KAPUCU(Student), 2017

BATMAZ İ., YOZGATLIGİL C., Modelling precipitation data of certain regions for Turkey via hidden Markov models, Postgraduate, N.YAMAN(Student), 2015

İYİGÜN C., BATMAZ İ., Consensus clustering of time series data, Postgraduate, A.YETERE(Student), 2014

BATMAZ İ., OĞUZTÜZÜN M. H. S., Metamodeling atomic models in discrete event system specification (DEVS) formalism using multivariate adaptive regression splines (MARS), Doctorate, C.DORUK(Student), 2014

BATMAZ İ., AYHAN H. Ö., Estimation of response errors in complex sample surveys, Doctorate, F.FAHMİ(Student), 2013

İYİGÜN C., BATMAZ İ., An algorithm for the forward step of adaptive regression splines via mapping approach, Doctorate, E.KARTAL(Student), 2012

BATMAZ İ., İYİGÜN C., An Algorithm for the forward step of adaptive regression splines via mapping approach, Doctorate, E.Kartal(Student), 2012

BATMAZ İ., İLK DAĞ Ö., Mixed effects models for time series gene expression data, Doctorate, İ.ERKAN(Student), 2011

BATMAZ İ., A computational approach to nonparametric regression: Bootstrapping CMARS method, Postgraduate, C.YAZICI(Student), 2011

BATMAZ İ., Robust conic quadratic programming applied to quality improvement - A robustification of CMARS, Postgraduate, A.ÖZMEN(Student), 2010

BATMAZ İ., KÖKSAL G., Fuzzy classification models based on Tanaka's fuzzy linear regression approach and nonparametric improved fuzzy classifier functions, Postgraduate, G.ÖZER(Student), 2009

BATMAZ İ., A new contribution to nonlinear robust regression and classification with MARS and its applications to data mining for quality control in manufacturing, Postgraduate, F.YERLİKAYA(Student), 2008

BATMAZ İ., BAYKAL N., Defect cause modeling with decision tree and regression analysis: A case study in casting industry, Postgraduate, B.BAKIR(Student), 2007

KÖKSAL G., BATMAZ İ., A comprehensive review of data mining applications in quality improvement and a case study, Postgraduate, F.GÜNTÜRKÜN(Student), 2007

BATMAZ İ., Metamodeling complex systems using linear and nonlinear regression methods, Postgraduate, E.KARTAL(Student), 2007

BATMAZ İ., Estimating the neutral real interest rate for Turkey by using an unobserved components model, Postgraduate, F.Öğünç(Student), 2006

BATMAZ İ., Estimating the neutral real interest rate for turkey by using an unobserved components model, Postgraduate, F.Öğünç(Student), 2006

BATMAZ İ., Benzetimde otomatik olarak girdi analizi yapan bir yazılım geliştirme, Postgraduate, H.TANIL(Student), 2000

Batmaz İ., Mavi-Yeşil Alglerin Teşhisi için Uzman Sistem Geliştirme üzerine bir Araştırma, Postgraduate, M.BALSARI(Student), 1995

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **cmaRs: A powerful predictive data mining package in R**  
Yerlikaya-Özkurt F., Yazıcı C., BATMAZ İ.  
SoftwareX, vol.24, 2023 (SCI-Expanded)
- II. **Learning to rank by using multivariate adaptive regression splines and conic multivariate adaptive regression splines**  
Altinok G., KARAGÖZ P., BATMAZ İ.  
COMPUTATIONAL INTELLIGENCE, vol.37, no.1, pp.371-408, 2021 (SCI-Expanded)
- III. **A data mining application to deposit pricing: Main determinants and prediction models**  
BATMAZ İ., DANIŞOĞLU S., Yazici C., Kartal-Koc E.  
APPLIED SOFT COMPUTING, vol.60, pp.808-819, 2017 (SCI-Expanded)
- IV. **Dynamic simulation metamodeling using MARS: A case of radar simulation**  
Bozagac D., BATMAZ İ., Oguztuzun H.  
MATHEMATICS AND COMPUTERS IN SIMULATION, vol.124, pp.69-86, 2016 (SCI-Expanded)
- V. **Has the climate been changing in Turkey? Regional climate change signals based on a comparative statistical analysis of two consecutive time periods, 1950-1980 and 1981-2010**  
Turkes M., Yozgatligil C., Batmaz İ., İyigün C., Koc E. K., Fahmi F. M., Aslan S.  
CLIMATE RESEARCH, vol.70, no.1, pp.77-93, 2016 (SCI-Expanded)
- VI. **Dynamic Simulation Metamodeling Using MARS A case of Radar**  
BOZAĞAÇ D., BATMAZ İ., OĞUZTÜZÜN M. H. S.  
Mathematics And Computers In Simulation, 2016 (SCI-Expanded)
- VII. **A computational approach to nonparametric regression: bootstrapping CMARS method**  
Yazici C., Yerlikaya-Ozkurt F., BATMAZ İ.  
MACHINE LEARNING, vol.101, pp.211-230, 2015 (SCI-Expanded)
- VIII. **Precipitation Modeling by Polyhedral RCMARS and Comparison with MARS and CMARS**  
Ozmen A., BATMAZ İ., Weber G.  
ENVIRONMENTAL MODELING & ASSESSMENT, vol.19, no.5, pp.425-435, 2014 (SCI-Expanded)
- IX. **Efficient adaptive regression spline algorithms based on mapping approach with a case study on finance**  
Koc E. K., İYİĞÜN C., BATMAZ İ., Weber G.  
JOURNAL OF GLOBAL OPTIMIZATION, vol.60, no.1, pp.103-120, 2014 (SCI-Expanded)
- X. **Clustering current climate regions of Turkey by using a multivariate statistical method**  
İyigün C., Turkes M., Batmaz İ., Yozgatligil C., Purutcuoglu V., Koc E. K., Ozturk M. Z.  
THEORETICAL AND APPLIED CLIMATOLOGY, vol.114, pp.95-106, 2013 (SCI-Expanded)
- XI. **Determining Treatability of Primary Teeth with Pulpal Exposure**  
DOĞAN S., DURUTÜRK L. S., Orhan A., BATMAZ İ.  
JOURNAL OF CLINICAL PEDIATRIC DENTISTRY, vol.37, no.4, pp.345-350, 2013 (SCI-Expanded)
- XII. **Comparison of missing value imputation methods in time series: the case of Turkish meteorological data**  
Yozgatligil C., Aslan S., İyigün C., Batmaz İ.  
THEORETICAL AND APPLIED CLIMATOLOGY, vol.112, pp.143-167, 2013 (SCI-Expanded)
- XIII. **The effect of inspection error on quality and producer losses: the case of nominal-the-best type quality characteristic and rework**  
Koksal G., Taseli A., Dolgun L. E., Batmaz İ.  
EUROPEAN JOURNAL OF INDUSTRIAL ENGINEERING, vol.7, pp.497-528, 2013 (SCI-Expanded)
- XIV. **Determining Treatability of Primary Teeth with Pulpal Exposure**  
DOĞAN S., DURUTÜRK L. S., ORHAN A., BATMAZ İ.  
Journal Of Clinical Pediatric Dentistry, 2013 (SCI-Expanded)
- XV. **CMARS: a new contribution to nonparametric regression with multivariate adaptive regression splines supported by continuous optimization**

- Weber G., Batmaz I., Köksal G., Taylan P., Yerlikaya-Ozkurt F.  
INVERSE PROBLEMS IN SCIENCE AND ENGINEERING, vol.20, pp.371-400, 2012 (SCI-Expanded)
- XVI. **RCMARS: Robustification of CMARS with different scenarios under polyhedral uncertainty set**  
Ozmen A., Weber G. W., BATMAZ İ., Kropat E.  
COMMUNICATIONS IN NONLINEAR SCIENCE AND NUMERICAL SIMULATION, vol.16, no.12, pp.4780-4787, 2011 (SCI-Expanded)
- XVII. **A review of data mining applications for quality improvement in manufacturing industry**  
Köksal G., Batmaz İ., Testik M. C.  
EXPERT SYSTEMS WITH APPLICATIONS, vol.38, pp.13448-13467, 2011 (SCI-Expanded)
- XVIII. **Estimating the neutral real interest rate in an emerging market economy**  
Ogunc F., BATMAZ İ.  
APPLIED ECONOMICS, vol.43, no.6, pp.683-693, 2011 (SSCI)
- XIX. **Classification models based on Tanaka's fuzzy linear regression approach: The case of customer satisfaction modeling**  
ŞİKKELİ G., KÖKSAL G., BATMAZ İ., TÜRKER BAYRAK Ö.  
Journal of Intelligent and Fuzzy Systems, vol.21, no.5, pp.341-351, 2010 (SCI-Expanded)
- XX. **Linear regression modeling to compare fluoride release profiles of various restorative materials**  
Can-Karabulut D. C., BATMAZ İ., SOLAK H., Tastekin M.  
DENTAL MATERIALS, vol.23, no.9, pp.1057-1065, 2007 (SCI-Expanded)
- XXI. **Small Response Surface Designs for Metamodel Estimation**  
BATMAZ İ., TUNALI S.  
European Journal Of Operational Research, 2003 (SCI-Expanded)
- XXII. **Second-order experimental designs for simulation metamodeling**  
BATMAZ İ., TUNALI S.  
SIMULATION-TRANSACTIONS OF THE SOCIETY FOR MODELING AND SIMULATION INTERNATIONAL, vol.78, no.12, pp.699-715, 2002 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Meteorolojik Zaman Serilerinde Kayıp Veri Tahmin Yöntemlerinin Başarımlarının Korelasyon Boyutu Analiziyle Karşılaştırılması**  
ASLAN S., YOZGATLIGİL C., İYİGÜN C., BATMAZ İ., TATLI H.  
İSTATİSTİK ARAŞTIRMA DERGİSİ, vol.8, pp.55-67, 2011 (Peer-Reviewed Journal)
- II. **Türkiye İklim Bölgelerinin Hiyerarşik Kümeleme Yöntemi ile Belirlenmesi**  
Kartal E., İyigün C., Fahmi M. F., Yozgatlıgil C., Puruçuoğlu Gazi V., Batmaz İ., Köksal G., Turkes M.  
İSTATİSTİK ARAŞTIRMA DERGİSİ, vol.8, pp.13-25, 2011 (Peer-Reviewed Journal)
- III. **Adhesion to Primary and Permanent Dentin and a Simple Model Approach**  
KARABULUT D., TULGA-ÖZ F., KARABULUT B., BATMAZ İ., İLK Ö.  
European Journal of Dentistry, 2009 (Scopus)
- IV. **Adhesion to Primary and Permanent Dentin and a Simple Model Approach**  
karabulut d., oz f., karabulut b., BATMAZ İ., İLK Ö.  
European Journal of Dentistry, 2009 (Scopus)

## Books

- I. **Data Mining Approaches to Meteorological Data: A Review of NINLIL Climate Research Group Studies**  
Batmaz İ.  
in: Operations Research: New Paradigms and Emerging Applications, Puruçuoğlu Vilda and Weber, Gerhard-

Wilhelm and Farnoudkia,Hajar, Editor, CRC, New York , Florida, pp.107-135, 2023

**II. A Categorical Principal Component Regression on Computer-Assisted Instruction in Probability Domain**

Kapucu T., İlk Dağ Ö., Batmaz İ.

in: Trends and Perspectives in Linear Statistical Inference, Tez M.,von Rosen D., Editor, Springer, London/Berlin , Zürich, pp.143-164, 2018

**III. Determining the Climate Zones of Turkey by Center-Based Clustering Methods**

Fahmi F., Kartal E., Iyigün C., Turkes M., Batmaz I., Yozgatligil C., Purutçuoğlu Gazi V., Köksal G.

in: Nonlinear and Complex Dynamics: Applications in Physical Biological and Financial Systems, J.A. Tenreiro Machado,Baleanu,D. and A. Luo, Editor, Springer, London/Berlin , London, pp.171-178, 2011

## **Refereed Congress / Symposium Publications in Proceedings**

**I. StreamMARS: A Streaming Multivariate Adaptive Regression Splines Algorithm**

BATMAZ İ., ADAMS N.

12th International Conference of the ERCIM WG on Computational and Methodological Statistics (CMStatistics 2019), 14 - 16 December 2019

**II. Input variable selection for hydrological predictions in ungauged catchments: with or without clustering**

DOĞULU N., BATMAZ İ., KENTEL ERDOĞAN E.

EGU General Assembly, 8 - 13 April 2018

**III. Clustering approaches for analysing similarity in ungauged catchments: input variable selection for hydrological predictions**

DOĞULU N., BATMAZ İ., KENTEL ERDOĞAN E.

EGU General Assembly 2018, 8 - 13 April 2018

**IV. A Comparative Study on Learning to Rank with Computational Methods**

BATMAZ İ., Karagoz P., Serdar G.

IEEE International Conference on Big Data (IEEE Big Data), Massachusetts, United States Of America, 11 - 14 December 2017, pp.1898-1906

**V. Application of bootstrap to likelihood ratio test to detect multiple changepoints in small time series data.**

YAZICI C., YOZGATLIGİL C., BATMAZ İ.

IFORS 2017: 21st Conference of the International Federation of Operational Research Societies, Qubec City, Canada, 17 - 21 July 2017

**VI. Detection performance of likelihood ratio test for change points based on bootstrap for AR 1 models**

YAZICI C., YOZGATLIGİL C., BATMAZ İ.

The 22nd International Conference on Computational Statistics, Oviedo, Spain, 23 - 26 August 2016

**VII. The Effect of Computer Assisted Instruction on Eight Grade Students Permutation Combination Probability Achievement and Attitudes Towards Computer Assisted Learning**

KAPUCU T., İLK Ö., BATMAZ İ.

Linstat'16: International Conference on Trends and Perspectives in Linear Statistical Inference, 22 - 25 August 2016

**VIII. Statistical Modeling of Fluoride Release Profiles of Various Dental Restorative Materials in three Buffer Solutions**

HAZAR A. B., BATMAZ İ.

TechConnect World Innovation Conference, Expo and National Innovation Summit, 22 - 25 May 2016

**IX. Modeling Of Precipitation Amount Of Turkey By Multivariate Adaptive Regression Splines**

MANSYROV R., BATMAZ İ., YOZGATLIGİL C., YAZICI C.

International Conference on Information Complexity and Statistical Modeling in High Dimensions with Applications

(IC-SMHD-2016, Kapadokya, Turkey, 18 - 21 May 2016

- X. **Image In Painting A Comparative Study with Related Techniques**  
KURT C., ULUSOY PARNAS İ., BATMAZ İ.  
IC-SMHD-2016 - International Conference on Information Complexity and Statistical Modeling in High Dimensions with Applications, 18 - 21 May 2016
- XI. **Learning to Rank on Web Data by Using Multivariate Adaptive Regression Splines Technique**  
SERDAR G., KARAGÖZ P., BATMAZ İ.  
IC-SMHD-2016 - International Conference on Information Complexity and Statistical Modeling in High Dimensions with Applications, 18 - 21 May 2016
- XII. **Learning To Rank Application On Web Data By Using Conic Multivariate Adaptive Regression Splines Technique**  
Serdar G., KARAGÖZ P., BATMAZ İ.  
International Conference on Information Complexity and Statistical Modeling in High Dimensions with Applications (IC-SMHD-2016), 18 - 21 May 2016
- XIII. **Statistical Modeling in High Dimensions with Applications Modeling of Precipitation Amount of Turkey by Multivariate Adaptive Regression Splines**  
Mansyrov R., YAZICI C., YOZGATLIGİL C., BATMAZ İ.  
IC-SMHD-2016 - International Conference on Information Complexity and Statistical Modeling in High Dimensions with Applications, 18 - 21 May 2016
- XIV. **Response Variance Estimation in Personal Interview Surveys with Several Interviewer Allocation Schemes**  
BATMAZ İ., Fidan F. M.  
60th World Statistics Congress ISI 2015, 26 - 31 July 2015
- XV. **Eşik Değerli Doğrusal Olmayan Zaman Serisi Modeliyle Farklı Rejimlerin Belirlenmesi Türkiye Yağış Verileri Üzerine Bir Uygulama**  
ASLAN S., YOZGATLIGİL C., İYİĞÜN C., BATMAZ İ.  
YAEM2015, Turkey, 9 - 11 September 2015
- XVI. **Saklı Markov Modeli ile Türkiye nin Bazı Bölgelerine İlişkin Yağış Verisinin Var Yok Modellenmesi**  
YAMAN N., YOZGATLIGİL C., BATMAZ İ.  
YAEM2015, Turkey, 9 - 11 September 2015
- XVII. **Sıcaklık Değişkeni İçin Türdeşlik Analizi Yöntemlerinin Karşılaştırılması**  
YAZICI C., BATMAZ İ., YOZGATLIGİL C.  
YAEM2015, Turkey, 9 - 11 September 2015
- XVIII. **Türkiye İklim Bölgelerinin On İki Klimatolojik Değişken Kullanarak AGNES Konsensüs Kümeleme Tekniği ile Belirlenmesi**  
MURAT T., İYİĞÜN C., BATMAZ İ., YOZGATLIGİL C., Kartal Koç E., YETERE KURSUN A.  
YAEM2015, Turkey, 9 - 11 September 2015
- XIX. **Türkiye nin Bazı Bölgelerine ilişkin Yağış Miktarının Saklı Markov Modeli ile Modellenmesi**  
YOZGATLIGİL C., BATMAZ İ., YAMAN N.  
YAEM2015, Turkey, 9 - 11 September 2015
- XX. **A bootstrap application on the standard normal homogeneity test snht when there is not highlycorrelated reference series**  
YAZICI C., BATMAZ İ., YOZGATLIGİL C.  
60th ISI World Statistics Congress, 26 - 31 July 2015, pp.3597-3602
- XXI. **Modelling Daily Occurance of Precipitation for CertainRegions of Turkey Using Hidden Markov Models HMMs**  
BATMAZ İ., YAMAN N., YOZGATLIGİL C.  
27th European Conference on Operational Research, 12 - 15 July 2015
- XXII. **The Precipitation Modeling of Aegean Regionof Turkey with Multivariate Adaptive RegressionSplines and Time Series Regression**  
YAZICI C., BATMAZ İ., YOZGATLIGİL C.

27th European Conference on Operational Research, 12 - 15 July 2015

- XXIII. **Veri Madenciliği ve Meteoroloji Finans ve Enerji Anlanlarında Uygulamaları**  
YOZGATLIGİL C., BATMAZ İ., YAZICI C.  
Veri Madenciliği ve Meteoroloji, Finans ve Enerji Anlanlarında Uygulamaları, Turkey, 20 May 2015
- XXIV. **Precipitation Prediction by Hidden Markov Models**  
BATMAZ İ., SIVRIKAYA N., YAZICI C., YOZGATLIGİL C.  
20th Conference of the International Federation of Operational Research Societies, 13 - 18 June 2014
- XXV. **Precipitation Forecasting Assessment via Nonlinear Autoregressive Neural Network and Vector Autoregressive Models**  
ASLAN S., İYİGÜN C., YOZGATLIGİL C., BATMAZ İ.  
International IIE Conference, International IIE Conference, 26 - 28 June 2013, pp.252
- XXVI. **Detection of Unreliable measurements in long term time series via data mining techniques case in Turkish climate data**  
YAZICI C., PURUTÇUOĞLU GAZİ V., YOZGATLIGİL C., İYİGÜN C., BATMAZ İ.  
International IIE Conference, 26 - 28 June 2013
- XXVII. **Modelling the Extreme Precipitation Data Case Study from Turkey**  
AKSOY B., PURUTÇUOĞLU GAZİ V., BATMAZ İ., YOZGATLIGİL C.  
26th European Conference on Operational Research, 1 July - 04 June 2013
- XXVIII. **SEASONAL VARIATION OF TURKEY: A CONSENSUS CLUSTERING APPROACH**  
Kursun A. Y., İYİGÜN C., YOZGATLIGİL C., BATMAZ İ.  
10th International Conference on Fuzzy Logic and Intelligent Technologies in Nuclear Science (FLINS), İstanbul, Turkey, 26 - 29 August 2012, vol.7, pp.913-918
- XXIX. **Detection of seasonal changes in climate data by comparative analysis A case study for Turkey**  
AKAL T., FAHMİ F., KARTAL E., PURUTÇUOĞLU GAZİ V., İYİGÜN C., YOZGATLIGİL C., BATMAZ İ.  
25th European Conference on Operations Research, 8 - 11 July 2012
- XXX. **Investigating the Seasonal Patterns of Continental Central Anatolia by Clustering**  
AKAL T., PURUTÇUOĞLU GAZİ V., BATMAZ İ., KARTAL KOÇ E., İYİGÜN C., YOZGATLIGİL C.  
The 25th Conference of European Chapter on Combinatorial Optimization, 26 - 28 April 2012
- XXXI. **YAĞIŞ VERİLERİNDE STANDART NORMAL TÜRDEŞLİK TESTİNİN KULLANILABİLİRLİĞİNİN BENZETİM YÖNTEMİ İLE DEĞERLENDİRİLMESİ**  
YOZGATLIGİL C., PURUTÇUOĞLU GAZİ V., YAZICI C., BATMAZ İ.  
7. İstatistik Günleri Sempozyumu, 28 April - 01 May 2011, pp.32-34
- XXXII. **1950 2006 Yılları Arasındaki Türkiye Yağış Verilerinin Tanımlayıcı Veri Madenciliği Yöntemleri ile Analizi**  
ASAR Ö., KARTAL E., ASLAN S., ÖZTÜRK M. Z., YOZGATLIGİL C., ÇINAR İ., BATMAZ İ., KÖKSAL G., TATLI H., TURKES M.  
7. İstatistik Günleri Sempozyumu, 28 April - 01 May 2011, pp.194-195
- XXXIII. **Türkiye İklim Bölgelerinin Hiyerarşik Kümeleme Yöntemi ile Belirlenmesi**  
KARTAL KOÇ E., FAHMİ F., İYİGÜN C., TÜRKEŞ M., YOZGATLIGİL C., PURUTÇUOĞLU GAZİ V., BATMAZ İ., KÖKSAL G.  
7. İSTATİSTİK GÜNLERİ SEMPOZYUMU, Turkey, 28 June 2010, pp.137-138
- XXXIV. **EVALUATING THE CMARS PERFORMANCE FOR MODELING NONLINEARITIES**  
BATMAZ İ., Yerlikaya-Ozkurt F., Kartal-Koc E., Koksal G., Weber G.  
3rd Global Conference on Power Control and Optimization, Gold-Coast, Australia, 2 - 04 February 2010, vol.1239, pp.351-357
- XXXV. **The new Robust CMARS (RCMARS) method**  
Özmen A., Weber G., BATMAZ İ.  
24th Mini EURO Conference on Continuous Optimization and Information-Based Technologies in the Financial Sector, MEC EurOPT 2010, İzmir, Turkey, 23 - 26 June 2010, pp.362-368
- XXXVI. **Defect Cause Modeling with Decision Tree and Regression Analysis**  
BAKIR B. S., BATMAZ İ., Gunturkun F. A., Ipekci T. A., KÖKSAL G., ÖZDEMİREL N. E.  
Conference of the World-Academy-of-Science-Engineering-and-Technology, Cairo, Egypt, 8 - 10 December 2006,

## Supported Projects

Karagöz P., Batmaz I., Özdemirel N. E., Akdoğan M. A., Tural M. K., Çekinel R. F., Oğuztüzün M. H. S., Project Supported by Other Private Institutions, Gemi Muharebe Etkinlik Değerlendirme Modeli Geliştirilmesi (GEMED), 2018 - 2023  
BATMAZ İ., YOZGATLIGİL C., Project Supported by Higher Education Institutions, Meteorolojik Verilerin Hesaplamalı İstatistiksel Yöntemlerle Türdeşlik Analizi, 2015 - 2015  
BATMAZ İ., Sivrikaya N., YOZGATLIGİL C., Project Supported by Higher Education Institutions, Saklı Markov Modeli ile Yağış Modellerinin Oluşturulması: Türkiye Üzerine Bir Çalışma, 2014 - 2015  
KESTEL A. S., BATMAZ İ., YOLCU OKUR Y., Ünlü K. D., Project Supported by Higher Education Institutions, Türkiye'de Gayrimenkul Piyasaları ve Diğer Göstergelerin Finans Sektörüne olan Etkisinin Değerlendirilmesi, 2014 - 2014  
BATMAZ İ., Project Supported by Higher Education Institutions, Veri Madenciliği Yöntemleri İle Türkiye İklim Bölgelerinin Yeniden Belirlenmesi Ve Yağış Tahmin Modellerinin Geliştirilmesi, 2008 - 2010

## Metrics

Publication: 68  
Citation (WoS): 772  
Citation (Scopus): 990  
H-Index (WoS): 11  
H-Index (Scopus): 11

## Scholarships

Post-Doctoral Research Scholarship, TUBITAK, 2017 - 2017