

## Assoc. Prof. CEYLAN YOZGATLIGİL

### Personal Information

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### Education Information

Doctorate, Temple University, Fox Business School, United States Of America 2001 - 2007

Post Graduate, Middle East Technical University, Faculty of Arts and Sciences, Department of Statistics, Turkey 1996 - 1999

Under Graduate, Middle East Technical University, Faculty of Arts and Sciences, Department of Statistics, Turkey 1992 - 1996

### Research Areas

Statistics, Statistical Analysis and Applications, Natural Sciences

### Academic Titles / Tasks

Associate Professor, Middle East Technical University, Faculty of Arts and Sciences, Department of Statistics, 2016 - Continues

Assistant Professor, Middle East Technical University, Faculty of Arts and Sciences, Department of Statistics, 2010 - 2016

Lecturer, Middle East Technical University, Faculty of Arts and Sciences, Department of Statistics, 2007 - 2010

Research Assistant, Middle East Technical University, Faculty of Arts and Sciences, Department of Statistics, 1996 - 2007

Research Assistant, Temple University, Business School, Istatistik, 2002 - 2005

### Professional Experience

Assistant Director of the Institute, Middle East Technical University, Institute of Applied Mathematics, 2017 - Continues

Deputy Head of Department, Middle East Technical University, Faculty of Arts and Sciences, Department of Statistics, 2014 - 2015

Deputy Head of Department, Middle East Technical University, Faculty of Arts and Sciences, Department of Statistics, 2008 - 2012

### Courses

Time Series For Finance, Post Graduate, 2019 - 2020

### Advising Theses

Yozgatlıgil C., ÜLKELERİN EKONOMİK GÖSTERGELERİNİN VERİ MADENCİLİĞİ ANALİZİ = DATA MINING ANALYSIS OF ECONOMIC INDICATORS OF COUNTRIES, Post Graduate, E.GÜNGÖR(Student), 2020

Yozgatlıgil C., Performance comparison of machine learning methods and traditional time series methods for forecasting, Post Graduate, O.ÖZDEMİR(Student), 2020

Yozgatlıgil C., A comparative study of classical and machine learning approaches for time series forecasting: An empirical analysis on exports in turkey, Post Graduate, E.GÜNEL(Student), 2020

Yozgatlıgil C., Performance comparison of filtering methods on modelling and forecasting total precipitation amount, Post Graduate, E.ÜNAL(Student), 2019

YÜCEL İ., YOZGATLIGİL C., Impacts of climate nonstationarities on hydroclimatological variables in turkey, Doctorate, R.AZIZ(Student), 2018

YOZGATLIGİL C., Electricity price forecasting using hybrid time series models, Post Graduate, B.TAŞ(Student), 2018

YOZGATLIGİL C., Performance of ensemble forecasting tools for analysis turkish consumer price index, Post Graduate, P.AYDEMİR(Student), 2018

YOZGATLIGİL C., KESTEL S. A. , Mixture of vines for dependence modeling: Finite mixture and Cd-vine approaches with applications, Doctorate, Ö.OZAN(Student), 2018

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

YOZGATLIGİL C., One-way anova for time series data with non-normal innovations: An application to unemployment rate data, Post Graduate, Ö.YILDIRIM(Student), 2017

YOZGATLIGİL C., A novel algorithm for time series model selection: mutual information model selection algorithm (MIMSA), Post Graduate, E.AKÇA(Student), 2017

YOZGATLIGİL C., The relationship between unemployment rate and growth: Time series approach for Turkey, Post Graduate, F.AKPİLİÇ(Student), 2016

YOZGATLIGİL C., KESTEL S. A. , Bivariate hidden Markov model to capture the dependency in claim estimate, Post Graduate, Z.OFLAZ(Student), 2016

YOZGATLIGİL C., Gmdh-type neural network algorithms for short term forecasting, Post Graduate, O.DAĞ(Student), 2015

YOZGATLIGİL C., Time series analysis and forecasting electricity prices in turkey, Post Graduate, S.AMİR(Student), 2015

YOZGATLIGİL C., Time series analysis of Turkish exports of selected ores and concentrates, Post Graduate, M.BOĞAZLIYAN(Student), 2015

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

YOZGATLIGİL C., İLK DAĞ Ö., Statistical analysis of electricity energy consumption with respect to provinces in Turkey, Post Graduate, M.ÇAKMAK(Student), 2014

YOZGATLIGİL C., Analysis of gas prices for Turkey from 2003-2011, Post Graduate, W.KİRİBAKİ(Student), 2012

YOZGATLIGİL C., Comparison of missing value imputation methods for meteorological time series data, Post Graduate, S.ASLAN(Student), 2010

YOZGATLIGİL C., The effect of temporal aggregation on univariate time series analysis, Post Graduate, N.SARIASLAN(Student), 2010

YOZGATLIGİL C., The application of disaggregation methods to the unemployment rate of Turkey, Post Graduate, U.GÖKSEL(Student), 2010

YOZGATLIGİL C., Multivariate time series modeling of the number of applicants and beneficiary households for conditional cash transfer program in Turkey, Post Graduate, A.FATİH(Student), 2009

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

- **Mutual information model selection algorithm for time series**  
Akca E., YOZGATLIGİL C.  
JOURNAL OF APPLIED STATISTICS, vol.47, pp.2192-2207, 2020 (Journal Indexed in SCI)
- **Nonstationarity impacts on frequency analysis of yearly and seasonal extreme temperature in Turkey**

Aziz R., YÜCEL İ., YOZGATLIGİL C.

ATMOSPHERIC RESEARCH, vol.238, 2020 (Journal Indexed in SCI)

● **Identifying Non-Adopter Consumer Segments: An Empirical Study on Earthquake Insurance Adoption in Turkey**

Adiguzel F., Kleijnen M., Erkan B. B. B. , Yozgatligil C.

● JOURNAL OF CONSUMER AFFAIRS, vol.53, pp.662-685, 2019 (Journal Indexed in SSCI)

● **AGGREGATE CLAIM ESTIMATION USING BIVARIATE HIDDEN MARKOV MODEL**

Oflaz Z. N. , YOZGATLIGİL C., Selcuk-Kestel A. S.

● ASTIN BULLETIN, vol.49, pp.189-215, 2019 (Journal Indexed in SCI)

● **Extreme value analysis and forecasting of maximum precipitation amounts in the western Black Sea subregion of Turkey**

YOZGATLIGİL C., Turkes M.

● INTERNATIONAL JOURNAL OF CLIMATOLOGY, vol.38, pp.5447-5458, 2018 (Journal Indexed in SCI)

● **Temporal clustering of time series via threshold autoregressive models: application to commodity prices**

Aslan S., Yozgathgil C., Iyigun C.

● ANNALS OF OPERATIONS RESEARCH, vol.260, pp.51-77, 2018 (Journal Indexed in SCI)

● **Impact of alternating wet and dry periods on long-term seasonal phosphorus and nitrogen budgets of two shallow Mediterranean lakes**

Coppens J., ÖZEN A., Tavsanoglu U. N. , Erdogan S., Levi E. E. , Yozgatligil C., Jeppesen E., BEKLİOĞLU M.

● SCIENCE OF THE TOTAL ENVIRONMENT, vol.563, pp.456-467, 2016 (Journal Indexed in SCI)

● **GMDH: An R Package for Short Term Forecasting via GMDH-Type Neural Network Algorithms**

DAĞ O., YOZGATLIGİL C.

● R JOURNAL, vol.8, pp.379-386, 2016 (Journal Indexed in SCI)

● **An analysis of the incidence of measles in Turkey since 1960**

Caliskan D., Piyal B., Akdur R., Ocaktan M. E. , YOZGATLIGİL C.

● TURKISH JOURNAL OF MEDICAL SCIENCES, vol.46, pp.1101-1106, 2016 (Journal Indexed in SCI)

● **Comparison of homogeneity tests for temperature using a simulation study**

YOZGATLIGİL C., YAZICI C.

● INTERNATIONAL JOURNAL OF CLIMATOLOGY, vol.36, pp.62-81, 2016 (Journal Indexed in SCI)

● **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., YOZGATLIGİL C., BATMAZ İ., İYİGÜN C., KOC E. K. , FAHMI F. M. , ASLAN S.

● CLIMATE RESEARCH, vol.70, pp.77-93, 2016 (Journal Indexed in SCI)

● **IMMUNOHISTOCHEMICAL EXPRESSIONS OF RECEPTORS FOR LUTEINIZING HORMONE/HUMAN CHORIONIC GONADOTROPIC HORMONE AND FOR SEX STEROID HORMONES IN PREGNANT FALLOPIAN TUBES**

KAYGUSUZ E., ÇETİNER H., YAVUZ H., CESUR S., YOZGATLIGİL C., AYAS S.

● ACTA ENDOCRINOLOGICA-BUCHAREST, vol.10, pp.181-194, 2014 (Journal Indexed in SCI)

● **Psychological Well-Being, Health, and Stress Sources in Turkish Dental Students**

URAZ A., Tocak Y. S. , YOZGATLIGİL C., ÇETİNER S., Bal B.

● JOURNAL OF DENTAL EDUCATION, vol.77, pp.1345-1355, 2013 (Journal Indexed in SCI)

● **Clustering current climate regions of Turkey by using a multivariate statistical method**

İYİGÜN C., Turkes M., BATMAZ İ., YOZGATLIGİL C., Purutcuoglu V., Koc E. K. , Ozturk M. Z.

● THEORETICAL AND APPLIED CLIMATOLOGY, vol.114, pp.95-106, 2013 (Journal Indexed in SCI)

● **Comparison of missing value imputation methods in time series: the case of Turkish meteorological data**

YOZGATLIGİL C., ASLAN S., İYİGÜN C., BATMAZ İ.

● THEORETICAL AND APPLIED CLIMATOLOGY, vol.112, pp.143-167, 2013 (Journal Indexed in SCI)

● **An analysis of the prevalence of malaria in Turkey over the last 85 years**

Piyal B., Akdur R., Ocaktan E., YOZGATLIGİL C.

- PATHOGENS AND GLOBAL HEALTH, vol.107, pp.30-34, 2013 (Journal Indexed in SCI)  
**Representation of Multiplicative Seasonal Vector Autoregressive Moving Average Models**  
YOZGATLIGİL C., Wei W. W. S.
- AMERICAN STATISTICIAN, vol.63, pp.328-334, 2009 (Journal Indexed in SCI)  
**Modified maximum-likelihood method for non-normal time series revisited**  
ULA T., Yozgatligil C.  
COMMUNICATIONS IN STATISTICS-THEORY AND METHODS, vol.33, pp.397-417, 2004 (Journal Indexed in SCI)

## Articles Published in Other Journals

- **Univariate Sample Size Determination by Alternative Components: Issues on Design Efficiency for Complex Samples**  
YOZGATLIGİL C., ayhan h. ö.  
Statistics in Transition New Series, 2018 (Refereed Journals of Other Institutions)
- **Measuring Dependence between Electricity Consumption and Economic Indicators via Copulas: Turkish Case**  
Evkaya O. O. , YOZGATLIGİL C., SELCUK-KESTEL A. S.  
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.31, pp.1284-1296, 2018 (Journal Indexed in ESCI)
- **Menstruel Siklus Sırasında Fallop Tüplerinde Lüteinizan Hormon ve Seks Steroid Hormon Reseptörlerinin Ekspresyonu**  
KAYGUSUZ E. I. , ÇETİNER H., CESUR S., YAVUZ H., YOZGATLIGİL C., AYAS S., SAĞLICAN Y.  
ZEYNEP KAMİL TIP DERGİSİ, vol.45, pp.116-123, 2014 (Other Refereed National Journals)
- **Multivariate Time Series Modeling of The Number of Applicants for Conditional Cash Transfer Program in Turkey**  
ORTAKAYA A. F. , YOZGATLIGİL C.  
Sosyal Politika Çalışmaları Dergisi, vol.7, pp.101-116, 2013 (Other Refereed National Journals)
- **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 (Other Refereed National Journals)
- **Türkiye İklim Bölgelerinin Hiyerarşik Kümeleme Yöntemi ile Belirlenmesi**  
Kartal E., İyigün C., Fahmi M. F. , Yozgatligil C., Purutçuoğlu Gazi V., Batmaz İ., Köksal G., Turkes M.  
İSTATİSTİK ARAŞTIRMA DERGİSİ, vol.8, pp.13-25, 2011 (Other Refereed National Journals)

## Books & Book Chapters

- **Determining the Climate Zones of Turkey by Center-Based Clustering Methods**  
FAHMİ F., KARTAL E., İYİGÜN C., TURKES M., BATMAZ İ., YOZGATLIGİL C., PURUTÇUOĞLU GAZİ V., KÖKSAL G.  
in: Nonlinear Dynamics of Complex Systems Applications in Physical Biological and Financial Systems, J.A. Tenreiro Machado, Baleanu, D. and A. Luo, Editor, Springer, pp.171-178, 2011

## Refereed Congress / Symposium Publications in Proceedings

- **PERFORMANCE COMPARISON OF MACHINE LEARNING METHODS AND TRADITIONAL TIME SERIES METHODS FOR FORECASTING**  
Özdemir O., Yozgatligil C.  
5th International Researchers, Statisticians and Young Statisticians Congress, Aydın, Turkey, 18 - 20 October 2019, pp.1

- **Ischemic Heart Disease Morbidity Rates Estimation using Hidden Markov Model Regression**  
Ofraz Z., Yozgatligil C., Kestel S. A.  
23rd International Congress on Insurance: Mathematics and Economics (IME), Munich, Germany, 10 July 2019, pp.53
- **Estimation of Earthquake Magnitude and its Direction in Muğla and Kütahya Provinces Using Machine Learning**  
Özdemir O., Yozgatligil C.  
4. Ulusal Sigorta ve Aktüerya Kongresi, Ankara, Turkey, 24 - 25 June 2019, vol.1, no.1, pp.81-82
- **Understanding Drought with Copula Functions: Case Study for Konya Province**  
EVKAYA Ö. O. , YOZGATLIGİL C., KESTEL A. S.  
11. International Statistics Days Conference, Muğla, Turkey, 3 - 07 October 2018, pp.300
- **Estimation Of Claim Amounts Using Bivariate Hidden Markov Models**  
Ofraz Z., Yozgatligil C., Kestel S. A.  
31. International Congress of Actuaries, Berlin, Germany, 3 - 08 June 2018, pp.121
- **Linear Contrasts for Time Series Data with Non-Normal Innovations: An Application to a Real Life Data**  
YILDIRIM Ö., YOZGATLIGİL C., ŞENOĞLU B.  
10. International Statistics Congress (ISC2017), Ankara, Turkey, 6 - 08 December 2017
- **Drought Forecasting with Time Series and Machine Learning Approaches**  
EVKAYA Ö. O. , YOZGATLIGİL C., KESTEL A. S.  
10. International Statistics Congress (ISC2017), Ankara, Turkey, 6 - 08 December 2017, pp.200
- **Electricity price forecasting using a hybrid time series model.**  
TAŞ B., YOZGATLIGİL C.  
International work-conference on Time Series, ITISE 2017, Granada, Spain, 18 - 20 September 2017
- **Finite Mixture of C-vines for Complex Dependence.**  
EVKAYA Ö. O. , YOZGATLIGİL C., KESTEL A. S.  
20th European Young Statistician Meeting, Uppsala, Switzerland, 14 - 18 August 2017
- **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
- **Multivariate Analysis of Drought Characteristics using Vine Copula Approach.**  
EVKAYA Ö. O. , YOZGATLIGİL C., KESTEL A. S.  
Copulas and Their Applications to Commemorate the 75th Birthday of Professor Roger B. Nelsen, Almeria, Spain, 3 - 05 July 2017
- **Weighted model selection for time series**  
AKÇA E., YOZGATLIGİL C.  
International Researchers, Statisticians and Young Statisticians Congress, Konya, Turkey, 24 - 26 May 2017
- **Hypothesis testing in one-way classification AR(1) model with Student's t innovations: An application to a real life data**  
YILDIRIM Ö., YOZGATLIGİL C., ŞENOĞLU B.  
International Researchers, Statisticians and Young Statisticians Congress,, Konya, Turkey, 24 - 26 May 2017
- **Mixture of Vine Copulas for Complex and Hidden Dependence**  
EVKAYA Ö. O. , YOZGATLIGİL C., KESTEL A. S.  
Recent Developments in Dependence Modeling and Applications in Finance and Insurance, Island of Aegina, Greece, 22 - 23 May 2017
- **A novel model selection algorithm for time series**  
AKÇA E., YOZGATLIGİL C.  
3. International Conference on Advances in Statistics, Helsinki, Finland, 28 - 30 April 2017
- **Generation of monthly precipitation series and the performance of homogeneity tests**

AKÇA E., YOZGATLIGİL C., YAZICI C.

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

**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

**Dynamic clustering of multiple multivariate time series Application to climate data**

YOZGATLIGİL C., ASLAN S., İYİGÜN C.

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

**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

**Assessment of Multivariate Drought Index via Vine Copula**

EVKAYA Ö. O. , YOZGATLIGİL C., KESTEL A. S.

Dependence Modeling in Finance, Insurance and Environmental Science, Munich, Germany, 17 - 19 May 2016

**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

**Energy Consumption And Economic Growth In Turkey Is Copula Framework Possible**

EVKAYA Ö. O. , YOZGATLIGİL C., KESTEL A. S.

İSTKON9, 28 October - 01 November 2015

**Türkiye İklim Bölgelerinin On İki Klimatolojik Değişken Kullanarak AGNES Konsensüs Kümeleme Tekniği ile Belirlenmesi**

MURAT T., İYİGÜN C., BATMAZ İ., YOZGATLIGİL C., Kartal Koç E., YETERE KURSUN A.

YAEM2015, Turkey, 9 - 11 September 2015

**Sıcaklık Değişkeni İçin Türdeşlik Analizi Yöntemlerinin Karşılaştırılması**

YAZICI C., BATMAZ İ., YOZGATLIGİL C.

YAEM2015, Turkey, 9 - 11 September 2015

**Eşik Değerli Doğrusal Olmayan Zaman Serisi Modeliyle Farklı Rejimlerin Belirlenmesi Türkiye Yağış Verileri Üzerine Bir Uygulama**

ASLAN S., YOZGATLIGİL C., İYİGÜN C., BATMAZ İ.

YAEM2015, Turkey, 9 - 11 September 2015

**Türkiye nin Bazı Bölgelerine ilişkin Yağış Miktarının Saklı Markov Modeli ile Modellenmesi**

YOZGATLIGİL C., BATMAZ İ., YAMAN N.

YAEM2015, Turkey, 9 - 11 September 2015

**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

**A bootstrap application on the standard normal homogeneity test snht when there is not highly correlated reference series**

YAZICI C., BATMAZ İ., YOZGATLIGİL C.

60th ISI World Statistics Congress, 26 - 31 July 2015, pp.3597-3602

**Modelling Daily Occurance of Precipitation for Certain Regions of Turkey Using Hidden Markov Models HMMs**

BATMAZ İ., YAMAN N., YOZGATLIGİL C.

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

**The Precipitation Modeling of Aegean Region of Turkey with Multivariate Adaptive Regression Splines and Time Series Regression**

YAZICI C., BATMAZ İ., YOZGATLIGİL C.

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

**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

**Temporal Clustering of Commodities via Threshold Autoregressive Models**

ASLAN S., YOZGATLIGİL C., İYİGÜN C.

55th Meeting of the EWGCFM (EWGCFM 2015), 14 - 16 May 2015

**Forecasting Via GMDH Algorithm with Medical Applications in R**

DAĞ O., YOZGATLIGİL C.

The 8th Conference of Eastern Mediterranean Region of International Biometric Society, Nevşehir, Turkey, 11 - 15 May 2015, pp.54

**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

**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

**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

**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

**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

**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

**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

**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

**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

## Supported Projects

YOZGATLIGİL C., EVKAYA Ö. O. , KESTEL S. A. , Project Supported by Higher Education Institutions, Copula Yöntemi ile Karşılaştırmalı Kuraklık Analizi ve Kuraklık Tahminleri: Konya ili örneği, 2017 - 2017

YOZGATLIGİL C., AKÇA E., Project Supported by Higher Education Institutions, Zaman Serileri İçin Model Seçme ve Tahmin Etme Kriterinin Oluşturulması: Yeni Bir Algoritma, 2017 - 2017

YOZGATLIGİL C., ASLAN S., İYİĞÜN C., Project Supported by Higher Education Institutions, Zamana Bağlı Değişen Emtia Fiyat İndeksi/İndeksleri Oluşturulması, 2016 - 2017

KESTEL S. A. , YOZGATLIGİL C., HASGÜL E., EVKAYA Ö. O. , Project Supported by Higher Education Institutions, Tarımsal Ürün ve Aktüeryal Karşılıklarının Vine Copulalar aracılığı ile Modellemesi, 2016 - 2016

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

KÖKSAL G., Altaban A., YOZGATLIGİL C., Project Supported by Higher Education Institutions, Dayanımlı Tüketim Malları İçin Müşteri Bağlılığının Modellenmesi, 2012 - 2013

YOZGATLIGİL C., Project Supported by Higher Education Institutions, Zamansal Topplulaşma Uygulanacak Serilerde Optimum Topplulaştırma Periodunun Bulunması, 2009 - 2010

## Scientific Refereeing

PLOS ONE, SCI Journal, October 2020

THEORETICAL AND APPLIED CLIMATOLOGY, SCI Journal, July 2020

THEORETICAL AND APPLIED CLIMATOLOGY, SCI Journal, July 2020

TUBITAK Project, 1002 - Quick Support Program, Middle East Technical University, Turkey, February 2020

THEORETICAL AND APPLIED CLIMATOLOGY, SCI Journal, January 2020

CLIMATE RESEARCH, SCI Journal, October 2019

PLOS ONE, SCI Journal, September 2019

THEORETICAL AND APPLIED CLIMATOLOGY, SCI Journal, July 2019

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h-index (WOS):6

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