

Assoc. Prof. BİRSEN EYGİ ERDOĞAN

Personal Information

Email: birsene@marmara.edu.tr

Education Information

Doctorate, Marmara University, Faculty of Economics, Econometrics, Turkey 1994 - 2002

Post Graduate, Istanbul University, Turkey 1991 - 1994

Under Graduate, Marmara University, Faculty of Arts and Sciences, Mathematics, Turkey 1986 - 1991

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Bankaların Mali Performanslarının Lojistik Regresyon ile Analizi ve ileriye Yönelik Tahmin ile Bir Uygulama, Marmara Üniversitesi, İktisat Fakültesi, Ekonometri Bölümü, 2002

Research Areas

Natural Sciences

Academic Titles / Tasks

Associate Professor, Marmara University, Faculty of Arts and Sciences, Statistics, 2015 - Continues

Assistant Professor, Marmara University, Faculty of Arts and Sciences, Statistics, 2010 - 2015

Assistant Professor, Marmara University, Faculty of Arts and Sciences, Mathematics, 2009 - 2010

Research Assistant, Marmara University, Faculty of Arts and Sciences, Mathematics, 1992 - 2009

Professional Experience

Head of Department, Marmara University, Faculty of Arts and Sciences, Statistics, 2018 - Continues

Erasmus Coordinator, Marmara University, Faculty of Arts and Sciences, Statistics, 2009 - Continues

Deputy Head of Department, Marmara University, Faculty of Arts and Sciences, Statistics, 2009 - Continues

Courses

İstatistiksel Okuryazarlık, Under Graduate, 2019 - 2020

Çok Değişkenli İstatistiksel Analiz I, Under Graduate, 2019 - 2020

Designed Lessons

Eygi Erdoğan B., İstatistiksel Okuryazarlık, Under Graduate, 2009 - 2010

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

- **A Novel Approach for Panel Data: An Ensemble of Weighted Functional Margin SVM Models**
EYGİ ERDOĞAN B., AKYÜZ S., Karadayı Ataş P.
Information Sciences, 2019 (Journal Indexed in SCI)
- **SOME HEAVY METALS AND MINERAL NUTRIENTS OF NARROW ENDEMIC CIRSİUM BYZANTINUM STEUD., FROM ISTANBUL, TURKEY: PLANT-SOIL INTERACTIONS**
ÖZYİĞİT İ. İ., ESKİN B., Uras M. E. , Sen U., EYGİ ERDOĞAN B., Kurmanbekova G., SEVEROĞLU Z., Yalcin I. E.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.27, pp.668-674, 2018 (Journal Indexed in SCI)
- **Knowledge and Attitudes of Dietitians Concerning Seafood Consumption and Processing/Preservation Technologies**
Mol S., EYGİ ERDOĞAN B., Alakavuk D. U. , VARLIK C.
TURKISH JOURNAL OF FISHERIES AND AQUATIC SCIENCES, vol.15, pp.73-80, 2015 (Journal Indexed in SCI)
- **Survey into the Characteristics, Working Conditions and Deficiencies of Turkish Seafood Processing Firms**
Mol S., EYGİ ERDOĞAN B., Ulusoy S.
TURKISH JOURNAL OF FISHERIES AND AQUATIC SCIENCES, vol.14, pp.705-712, 2014 (Journal Indexed in SCI)
- **Liu-Type Logistic Estimator**
İnan D., Erdogan B.
COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, vol.42, pp.1578-1586, 2013 (Journal Indexed in SCI)
- **Prediction of bankruptcy using support vector machines: an application to bank bankruptcy**
Erdogan B.
JOURNAL OF STATISTICAL COMPUTATION AND SIMULATION, vol.83, pp.1543-1555, 2013 (Journal Indexed in SCI)
- **Reference interval of pregnancy-associated plasma protein-A in healthy men and non-pregnant women**
COŞKUN A., SERTESER M., Duran S., Inal T. C. , EYGİ ERDOĞAN B., ÖZPINAR A., CAN Ö., Unsal I.
JOURNAL OF CARDIOLOGY, vol.61, pp.128-131, 2013 (Journal Indexed in SCI)
- **Factors Influencing the Consumption of Seafood in Istanbul, Turkey**
EYGİ ERDOĞAN B., Mol S., COŞANSU AKDEMİR S.
TURKISH JOURNAL OF FISHERIES AND AQUATIC SCIENCES, vol.11, pp.631-639, 2011 (Journal Indexed in SCI)

Articles Published in Other Journals

- **Fewer Species but More Existing Individuals: Testing the Hypothesis 'Pessimism Conditions Rule' Based on Long-Term Data of Species Composition of Benthic Fauna and Environmental Variables in the Sea of Marmara, Turkey**
Artüz L., Artüz B., Sakinç M., Eygi Erdoğan B., Yalçın B.
Journal of Environmental and Toxicological Studies, vol.2, pp.1-18, 2018 (Refereed Journals of Other Institutions)
- **Support Vector Machines vs Multiplicative Neuron Model Neural Network in Prediction of Bank Failures**
EYGİ ERDOĞAN B., EĞRİOĞLU E., AKDENİZ E.
American Journal of Intelligent Systems, vol.7, pp.125-131, 2017 (Refereed Journals of Other Institutions)
- **Long term Examination of Bank Crashes Using Panel Logistic Regression Turkish Banks Failure Case**
EYGİ ERDOĞAN B.
International Journal of Statistics and Probability, vol.5, pp.42-48, 2016 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- **A Novel Approach for Panel Data: An Ensemble of Weighted Functional Margin SVM Models**
EYGİ ERDOĞAN B.

Linstat 2018, 20 - 24 Eylül 2018

- **Ensemble Learning for Bank Bankruptcy: Turkish Bank Case**
EYGİ ERDOĞAN B., AKYÜZ S.
OR 2018: International Conference on Operations Research, 12 - 14 Eylül 2018
- **Clustered Support Vector Regression House Price Prediction Case Study**
EYGİ ERDOĞAN B., AKYÜZ S.
Xth International Statistics Days Conference 2016 (ISDC'2016), 7 - 09 Ekim 2016
- **Ensemble Learning by Two Step Margin Based Model Selection Case Study on Bankruptcy Data in Turkish Commercial Banks**
EYGİ ERDOĞAN B., AKYÜZ S.
Linstat 2016, 22 - 25 Ağustos 2016
- **Kernel based classification for financial failure A comparative study for Turkish banks**
EYGİ ERDOĞAN B.
The 10th Tartu Conference on Multivariate Statistics, Tartu, Estonia, 27 Haziran - 01 Temmuz 2016
- **Prediction of Bank Failures via Machine Learning Techniques using Pooled Panel Financial Data**
EYGİ ERDOĞAN B., EĞRİOĞLU E., AKDENİZ DURAN E.
EURO 2015, Glasgow, United Kingdom, 12 - 15 Temmuz 2015
- **Prediction of Turkish bank failures using panel factor logistic regression**
EYGİ ERDOĞAN B.
Linstat 2014, 24 - 28 Ağustos 2014
- **Knowledge And Attitudes Of Dietitians Concerning Seafood Consumption And Common Processing/ Preservation Technologies**
MOL TOKAY S., EYGİ ERDOĞAN B.
th International Congress of Nutrition, 15 - 20 Eylül 2013
- **A comparison of different parameter estimation methods in fuzzy linear regression**
EYGİ ERDOĞAN B.
A comparison of different parameter estimation methods in fuzzy linear regression, 16 - 20 Haziran 2012
- **Modeling multiple time series data using wavelet-based support vector regression**
İNAN D., EYGİ ERDOĞAN B.
International Conference on Trends and Perspectives in Linear Statistics, 16 - 20 Haziran 2012
- **A Liu Type Logistic Regression Estimator**
İNAN D., EYGİ ERDOĞAN B.
International 7th Statistics Congress-İSTKON, 28 Nisan - 01 Mayıs 2011
- **A comparative study of classification models**
EYGİ ERDOĞAN B.
ASMDA 2009 XIII, 30 Haziran - 03 Temmuz 2009
- **İstatistiksel okuryazarlığın tıptaki yeri ve önemi**
EYGİ ERDOĞAN B.
2. Multidisipliner Kanser Araştırma Sempozyumu, Turkey, 24 - 27 Şubat 2008

Other Publications

- **Introduction to Probability and Statistics for Engineers and Scientist**
Eyi Erdoğan B.
Other, pp.141-223, 2014

Citations

Total Citations (WOS):60

h-index (WOS):3