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Personal Information

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International Researcher IDs

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Education Information

Doctorate, Hacettepe University, Fen Bilimleri Enstitüsü, İstatistik, Turkey 2009 - 2014

Postgraduate, Hacettepe University, Fen Bilimleri Enstitüsü, İstatistik, Turkey 2006 - 2009

Undergraduate, Hacettepe University, Fen Fakültesi, İstatistik, Turkey 2002 - 2006

Foreign Languages

English, C1 Advanced

Research Areas

Statistics, Statistical Analysis and Applications, Natural Sciences

Academic Titles / Tasks

Research Assistant, Hacettepe University, Fen Fakültesi, İstatistik Bölümü, 2007 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The effects of different weight functions on partial robust M-regression performance: A simulation study**
POLAT E.
COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, vol.49, no.4, pp.1089-1104, 2020 (SCI-Expanded)
- II. **A NEW ROBUST PARTIAL LEAST SQUARES REGRESSION METHOD BASED ON A ROBUST AND AN EFFICIENT ADAPTIVE REWEIGHTED ESTIMATOR OF COVARIANCE**
POLAT E., GÜNAY S.
REVSTAT-STATISTICAL JOURNAL, vol.17, no.4, pp.449-474, 2019 (SCI-Expanded)
- III. **A NEW COMPUTATIONAL APPROACH FOR TESTING EQUALITY OF INVERSE GAUSSIAN MEANS UNDER HETEROGENEITY**

Articles Published in Other Journals

- I. **The Comparison of Classical and Robust Biased Regression Methods for Determining Unemployment Rate in Turkey Period of 1985 2012**
POLAT E., TRKAN S.
Journal of data science, vol.14, pp.739-768, 2016 (Peer-Reviewed Journal)
- II. **The Efficiency Analysis of Non-life Insurance Companies Active in Turkey**
TRKAN S., POLAT E., GNAY S.
Zagreb International Review of Economics Business, 2012 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **A Simulation Study for the Comparison of Two Popular Robust PLSR Methods: RSIMPLS and PRM with a Robust PCR Method in the Presence of Outliers**
POLAT E., GNAY S.
International Conference on Numerical Analysis and Applied Mathematics (ICNAAM), Rhodes, Greece, 22 - 28 September 2014, vol.1648
- II. **The Comparison of Robust Partial Least Squares Regression with Robust Principal Component Regression on a Real Data**
POLAT E., GNAY S.
11th International Conference of Numerical Analysis and Applied Mathematics (ICNAAM), Greece, 21 - 27 September 2013, vol.1558, pp.1458-1461
- III. **Relationship between Tourism and Trade in Turkey**
POLAT E., TRKAN S., GNAY S.
International Conference On Applied Economics (ICOAE), 26 - 28 August 2010
- IV. **Classification of the Banks in Turkey According to their Financial Performances Using Linear Discriminant Analysis, SIMCA and PLS Discriminant Analysis**
POLAT E., TRKAN S., Guenay S.
6th International Conference on Partial Least Squares and Related Methods, Beijing, China, 4 - 07 September 2009, pp.156-163

Supported Projects

POLAT E., Project Supported by Higher Education Institutions, Avrupa Birlięine ye ve Aday lkelerin Sınıflandırılmasında Etkili olan Ekonomik veya da Demografik Göstergelerin Kısmi En Küçük Kareler Diskriminant Analizini Kullanarak Belirlenmesi, 2017 - 2017

POLAT E., Project Supported by Higher Education Institutions, Güney Afrika İstatistik Kurumunun 58. Yıllık Konferansına Katılım, 2016 - 2017

POLAT E., Project Supported by Higher Education Institutions, Türkiye'ye Gelen Turist Sayısını Kestirmek için Sağlam Kısmi En Küçük Kareler Regresyon Yöntemlerinin (RSIMPLS,PRM) Sağlam Temel Bileşenler Regresyonu ile Karşılaştırılması, 2016 - 2016

POLAT E., Project Supported by Higher Education Institutions, Sayısal ve Metodolojik İstatistik Konusunda ERCIM WG'nin 8 Uluslararası Konferansı (CMstatistics2015), 2015 - 2016

Metrics

Publication: 9

Citation (WoS): 17

Citation (Scopus): 8

H-Index (WoS): 2

H-Index (Scopus): 1