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Personal Information

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Education Information

Doctorate, Dokuz Eylul University, Institute Of Science, İstatistik, Turkey 2013 - 2018

Post Graduate, Dokuz Eylül Üniversitesi, Fen Bilimleri Enstitüsü, İstatistik, Turkey 2011 - 2013

Under Graduate, Ege Üniversitesi, -----, İstatistik, Turkey 2005 - 2010

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, New Bootstrap Methods for Exchange Rate Prediction under GARCH(p,q) Process, Istanbul Medeniyet University, Faculty of Engineering and Natural Sciences , Statistics Department , 2018

Post Graduate, Multiple life insurances, Dokuz Eylül Üniversitesi, Fen Bilimleri Enstitüsü, İstatistik, 2013

Research Areas

Statistics, Statistical Analysis and Applications, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Istanbul Medeniyet University, Faculty of Engineering and Natural Sciences , Statistics Department , 2019 - Continues

Research Assistant, Istanbul Medeniyet University, Faculty of Engineering and Natural Sciences , Statistics Department , 2016 - 2018

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

- **Metaheuristic Optimization Algorithms Hybridized With Artificial Intelligence Model for Soil Temperature Prediction: Novel Model**
Liu Penghui L. P. , Ewees A. A. , BEYZAŞ B. H. , Qi C., Salih S. Q. , Al-Ansari N., Bhagat S. K. , Yaseen Z. M. , Singh V. P.
IEEE ACCESS, vol.8, pp.51884-51904, 2020 (Journal Indexed in SCI)
- **Construction of multi-step forecast regions of VAR processes using ordered block bootstrap**
Beyztaş B. H.
COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, 2019 (Journal Indexed in SCI)
- **On Jackknife-After-Bootstrap Method for Dependent Data**
Beyztaş U., Beyztaş B. H.
COMPUTATIONAL ECONOMICS, vol.53, pp.1613-1632, 2019 (Journal Indexed in SCI)
- **Construction of prediction intervals for Palmer Drought Severity Index using bootstrap**

Beyaztas U., Arıkan B., Beyaztas B. H. , Kahya E.

JOURNAL OF HYDROLOGY, vol.559, pp.461-470, 2018 (Journal Indexed in SCI)

- **New block bootstrap methods: Sufficient and/or ordered**

Beyaztas B. H. , FİRUZAN E., Beyaztas U.

COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, vol.46, pp.3942-3951, 2017 (Journal Indexed in SCI)

Articles Published in Other Journals

- **On Block Bootstrapping for Autoregressive Time Series Models**

Beyaztaş B. H. , Beyaztaş U.

International Journal of Mathematics and Computation, vol.30, pp.62-75, 2019 (Refereed Journals of Other Institutions)

- **Comparison of GMM Estimators for Dynamic Panel AR(1) Models: An Application to the Cross-Country Growth Data**

Beyaztaş B. H. , Firuzan E., Hacıoğlu A.

International Journal of Statistics and Economics, vol.19, pp.27-41, 2018 (Refereed Journals of Other Institutions)

- **New and fast block bootstrap-based prediction intervals for GARCH(1,1) process with application to exchange rates**

Beyaztas B. H. , Beyaztas U., Bandyopadhyay S., Huang W.

Sankhya A, vol.80, pp.168-194, 2018 (Refereed Journals of Other Institutions)

- **An empirical comparison of block bootstrap methods: traditional and newer ones**

BEYAZTAŞ B. H. , Firuzan E.

Journal of Data Science, no.4, pp.641-656, 2016 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- **A Robust Method for Estimation of Models with Random Effects**

Beyaztaş B. H.

Young Business and Industrial Statisticians Workshop on Recent Advances in Data Science and Business Analytics, İstanbul, Turkey, 25 - 28 Eylül 2019, pp.59

- **Hybrid Bootstrap Methods for Linear Time Series Models**

Beyaztaş B. H.

International Conference on Computational Methods in Applied Sciences, İstanbul, Turkey, 12 - 16 Temmuz 2019, pp.1

- **Construction of Multi-step Forecast Regions for VAR Processes Using Block Bootstrap**

Beyaztaş B. H.

International Conference on Applied Analysis and Mathematical Modeling, İstanbul, Turkey, 20 - 24 Haziran 2018, pp.1

- **On Bootstrap Prediction Intervals For GARCH Models**

Beyaztaş B. H.

International Researchers, Statisticians and Young Statisticians Congress, İzmir, Turkey, 28 - 30 Nisan 2018, pp.63

- **Construction of Prediction Intervals for Palmer Drought Severity Index Using Bootstrap**

BEYAZTAŞ U., BİÇKİCİ ARIKAN B., BEYAZTAŞ B. H. , Kahya E.

8th Atmospheric Sciences Symposium – ATMOS 2017, İstanbul, Turkey, 01 Kasım 2017, pp.1

- **On Jackknife-after-Bootstrap Method for Dependent Data**

BEYAZTAŞ U., BEYAZTAŞ B. H.

European Network for Business and Industrial Statistics ENBIS-17, Napoli, Italy, 09 Eylül 2017, pp.115

- **On Bootstrapping in Individual Bioequivalence**

BEYAZTAŞ B. H. , BEYAZTAŞ U.

European Network for Business and Industrial Statistics ENBIS-17, Napoli, Italy, 09 Eylül 2017, pp.95

- **New Block Bootstrap Methods: Sufficient and/or Ordered**

BEYAZTAŞ B. H. , Firuzan E.

The International Conference on Trends and Perspectives in Linear Statistical Inference LinStat'2014, Linköping, Sweden, 24 Ağustos 2014, pp.1

- **The Actuarial Valuation of Widow(er)s and Orphans Pension for Turkey**

BEYAZTAŞ B. H. , Yapar G.

Joint Meeting of Young Business and Industrial Statisticians, İstanbul, Turkey, 19 Eylül 2013, pp.1

Supported Projects

BEYAZTAŞ U., BEYAZTAŞ B. H. , Project Supported by Higher Education Institutions, Bağımlı Verilerde Jackknife'tan sonra Bootstrap Yöntemi Üzerine, 2017 - 2017

Scientific Refereeing

JOURNAL OF FORECASTING, SCI Journal, May 2020

ENGINEERING APPLICATIONS OF COMPUTATIONAL FLUID MECHANICS, SCI Journal, December 2019

applied financial Economics, Other Indexed Journal, December 2019

Applied Economics incorporating Applied Financial Economics, Journal Indexed in SSCI, August 2017

Applied Economics Letters incorporating Applied Financial Economics Letters, Journal Indexed in SSCI, June 2017

African Educational Research Journal, Other journals, June 2017