

# Prof. MEHMET GÜNGÖR

## Personal Information

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## International Researcher IDs

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## Education Information

Doctorate, Firat University, Fen Bilimleri, Turkey 1988 - 1992

Postgraduate, Firat University, Fen Bilimleri, Turkey 1986 - 1988

Undergraduate, Firat University, Faculty Of Arts And Sciences, Matematik, Turkey 1981 - 1985

## Dissertations

Doctorate, Çok faktörlü varyans analizi ve eğitim bilimlerine uygulanışı üzerine bir deneme, Firat University, Fen Bilimleri Enstitüsü, Matematik, 1992

Postgraduate, ŞARTLI OLASILIK VE STOKASTİK BAĞIMSIZLIK, Firat University, Fen Bilimleri Enstitüsü, Matematik, 1988

## Research Areas

Mathematics, Statistics, Probability Theory, Stochastic Processes, Statistics, Statistical Analysis and Applications, Natural Sciences

## Academic Titles / Tasks

Research Assistant, Firat University, Fen Edebiyat, Matematik, 1987 - 1992

## Academic and Administrative Experience

Inonu University, 2011 - Continues

## Courses

DeneySEL Tasarım, Undergraduate, 2013-2014

Matematiksel İstatistik, Undergraduate, 2013-2014

Örnekleme, Undergraduate, 2013-2014

Matematiksel İstatistik, Undergraduate, 2012-2013

## Advising Theses

GÜNGÖR M., Penalty and non-penalty estimation strategies for linear and partially linear models, Doctorate, B.Yüzbaşı(Student), 2014

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

- I. **ON DISTRIBUTION AND PROBABILITY DENSITY FUNCTIONS OF ORDER STATISTICS ARISING FROM INDEPENDENT BUT NOT NECESSARILY IDENTICALLY DISTRIBUTED RANDOM VECTORS**  
GÜNGÖR M., BULUT Y.  
JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS, vol.23, no.2, pp.314-321, 2017 (SCI-Expanded)
- II. **. IMPROVED PENALTY STRATEGIES in LINEAR REGRESSION MODELS**  
YÜZBAŞI B., Ahmed S. E., GÜNGÖR M.  
REVSTAT-STATISTICAL JOURNAL, vol.15, no.2, pp.251-276, 2017 (SCI-Expanded)
- III. **On Order Statistics from Nonidentical Discrete Random Variables**  
YÜZBAŞI B., BULUT Y., GÜNGÖR M.  
OPEN PHYSICS, vol.14, no.1, pp.192-196, 2016 (SCI-Expanded)
- IV. **On Distributions of Discrete Order Statistics**  
BULUT Y., GÜNGÖR M., YÜZBAŞI B., Ozbey F., CANPOLAT E.  
JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS, vol.20, no.1, pp.187-200, 2016 (SCI-Expanded)
- V. **On Joint Distributions of Order Statistics from Nonidentically Distributed Discrete Vectors**  
YÜZBAŞI B., GÜNGÖR M.  
JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS, vol.15, no.5, pp.917-927, 2013 (SCI-Expanded)
- VI. **Identities leading to joint distributions of order statistics of innid variables from a truncated distribution**  
Gungor M.  
KUWAIT JOURNAL OF SCIENCE & ENGINEERING, vol.39, pp.129-142, 2012 (SCI-Expanded)
- VII. **On joint distributions of order statistics for a discrete case**  
GÜNGÖR M., Bulut Y., YÜZBAŞI B.  
JOURNAL OF INEQUALITIES AND APPLICATIONS, 2012 (SCI-Expanded)
- VIII. **On Joint Distributions of Order Statistics from innid Variables**  
Gungor M.  
BULLETIN OF THE MALAYSIAN MATHEMATICAL SCIENCES SOCIETY, vol.35, no.1, pp.215-225, 2012 (SCI-Expanded)
- IX. **ON THE MOMENTS OF ORDER STATISTICS FROM DISCRETE DISTRIBUTIONS**  
Calik S., Gungor M., Colak C.  
PAKISTAN JOURNAL OF STATISTICS, vol.26, no.2, pp.417-426, 2010 (SCI-Expanded)
- X. **On joint distributions of order statistics arising from random vectors**  
Gungor M., Turan A.  
JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS, vol.12, no.2, pp.407-416, 2010 (SCI-Expanded)
- XI. **On Distributions of Order Statistics of Random Vectors**  
Gungor M., Turan A.  
JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS, vol.12, no.1, pp.17-23, 2010 (SCI-Expanded)
- XII. **On pointwise statistical convergence**  
GOKHAN A., Gungor M.  
INDIAN JOURNAL OF PURE & APPLIED MATHEMATICS, vol.33, no.9, pp.1379-1384, 2002 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Ardıl-k Sistemler için Önerilen Güvenilirlik Sınırlarının Karşılaştırılması**  
DEMİRALP A., GÜNGÖR M.

## Refereed Congress / Symposium Publications in Proceedings

- I. **Bound Approximations for Reliability of Circular Consecutive-k-out-of-n:F Systems**  
DEMİRALP A., GÜNGÖR M.  
I. Uluslararası Uygulamalı İstatistik Kongresi-UYİK 2020, Tokat, Turkey, 1 - 04 October 2020
- II. **Correlation Based Penalty Estimator in Vector Autoregressive Model**  
YÜZBAŞI B., DEMİRALP A., GÜNGÖR M.  
11. International Statistics Days Conference, Muğla, Turkey, 3 - 07 October 2018
- III. **Correlation Based Penalty Estimator in Vector Autoregressive Model**  
YÜZBAŞI B., DEMİRALP A., GÜNGÖR M.  
11. International Statistics Days Conference, Muğla, Turkey, 3 - 07 October 2018
- IV. **Component Importance Measures: A numerical study**  
DEMİRALP A., ŞIK M. Ş., GÜNGÖR M.  
5th Ifs And Contemporary Mathematics Conference, Kahramanmaraş, Turkey, 5 - 09 September 2018
- V. **MEASURES OF SOME SYSTEMS USING SYSTEM SIGNATURE**  
DEMİRALP A., ŞIK M. Ş., GÜNGÖR M.  
International Conference on Mathematics and Mathematics Education (ICMME-2018), Ordu, Turkey, 27 - 29 June 2018
- VI. **Shrinkage Ridge Type Estimators in Linear Models**  
YÜZBAŞI B., AHMED S. E., GÜNGÖR M.  
9. International Statistics Congress, 28 October - 01 November 2015
- VII. **TUTARLI SİSTEMLERİN ORTAK GÜVENİLİRLİK ve ORTAK ARIZA BİLEŞEN ÖNEM ÖLÇÜMLERİ**  
BULUT Y., KIRAÇ Y., GÜNGÖR M., ŞIK M. Ş.  
9. Uluslararası İstatistik Kongresi (İstkon 2015), Antalya, Turkey, 28 October - 01 November 2015, pp.182-183
- VIII. **ON COMPARISON OF COHERENT SYSTEMS VIA DYNAMIC SYSTEM SIGNATURE**  
GÜNGÖR M., DEMİRALP A., BULUT Y., ŞIK M. Ş.  
INTERNATIONAL CONFERENCE ON PURE AND APPLIED MATHEMATICS (ICPAM 2015), Van, Turkey, 25 - 28 August 2015
- IX. **ON COMPARISON OF COHERENT SYSTEMS VIA DYNAMIC SYSTEM SIGNATURE**  
GÜNGÖR M., DEMİRALP A., BULUT Y., ŞIK M. Ş.  
INTERNATIONAL CONFERENCE ON PURE AND APPLIED MATHEMATICS (ICPAM 2015), Van, Turkey, 25 - 28 August 2015
- X. **ON COMPARISON OF COHERENT SYSTEMS VIA DYNAMIC SYSTEM SIGNATURE**  
GÜNGÖR M., DEMİRALP A., BULUT Y., ŞIK M. Ş.  
INTERNATIONAL CONFERENCE ON PURE AND APPLIED MATHEMATICS (ICPAM 2015), Van, Turkey, 25 - 28 August 2015

## Supported Projects

GÜNGÖR M., DEMİRALP A., Project Supported by Higher Education Institutions, n'den Ardıl k Çıkışlı Sistemlerin Güvenilirliği İçin Sınır Yaklaşımları, 2018 - 2020

## Metrics

Publication: 24

Citation (WoS): 31

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