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Education Information

- I. Doctorate, Gebze Technical University, Institute Of Science, Mathematics, Turkey 2009 - 2015
- II. Post Graduate, Gebze Technical University, Institute Of Science, Mathematics, Turkey 2007 - 2009
- III. Under Graduate, Gebze Yüksek Teknoloji Enstitüsü, Fen Fakültesi, Matematik Bölümü, Turkey 2002 - 2007

Foreign Languages

- I. English, B2 Upper Intermediate

Dissertations

- I. Doctorate, Statistical inference for some distributions based on record values, Gebze Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Matematik (Dr), 2015
- II. Post Graduate, Genişletilmiş stokastik integral süreçleri için lokal zaman, Gebze Yüksek Teknoloji Enstitüsü, Mühendislik Ve Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), 2009

Research Areas

Statistics

Academic Titles / Tasks

- I. Associate Professor, Marmara University, Faculty Of Arts And Sciences, Statistics, 2019 - Continues
- II. Assistant Professor, Marmara University, Faculty Of Arts And Sciences, Statistics, 2016 - 2019
- III. Research Assistant, Gebze Technical University, Faculty Of Basic Sciences, Department Of Mathematics, 2007 - 2015

Courses

- I. Probability Theory, Post Graduate, 2016 - 2017, 2019 - 2020
- II. Biostatistics, Under Graduate, 2018 - 2019, 2019 - 2020
- III. Regression Analysis, Under Graduate, 2019 - 2020, 2020 - 2021
- IV. Mathematics II, Under Graduate, 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020
- V. Advanced Calculus II, Under Graduate, 2018 - 2019, 2019 - 2020
- VI. Research Project, Under Graduate, 2019 - 2020
- VII. Advanced Calculus I, Under Graduate, 2019 - 2020, 2020 - 2021
- VIII. Mathematical Statistics I, Post Graduate, 2019 - 2020, 2020 - 2021
- IX. Mathematics I, Under Graduate, 2016 - 2017, 2017 - 2018, 2019 - 2020, 2020 - 2021
- X. Experimental Design, Under Graduate, 2019 - 2020

- XI. Stochastic Processes, Under Graduate, 2015 - 2016, 2016 - 2017, 2018 - 2019
- XII. Mathematics II, Under Graduate, 2017 - 2018
- XIII. Mathematics II, Under Graduate, 2017 - 2018
- XIV. Mathematics I, Under Graduate, 2017 - 2018
- XV. Mathematics I, Under Graduate, 2017 - 2018
- XVI. Game Theory, Under Graduate, 2015 - 2016, 2016 - 2017

Jury Memberships

- I. Doctorate, Doctorate, Cukurova University, November, 2019
- II. Post Graduate, Post Graduate, Istanbul Technical University, May, 2018
- III. Post Graduate, Post Graduate, Istanbul Technical University, July, 2017

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

- I. **E-Bayesian estimation for the proportional hazard rate model based on record values**
KIZILASLAN F.
COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, vol.48, pp.350-371, 2019 (Journal Indexed in SCI)
- II. **Classical and Bayesian estimation of reliability in a multicomponent stress-strength model based on a general class of inverse exponentiated distributions**
KIZILASLAN F.
STATISTICAL PAPERS, vol.59, pp.1161-1192, 2018 (Journal Indexed in SCI)
- III. **Estimation of reliability in a multicomponent stress-strength model based on a bivariate Kumaraswamy distribution**
KIZILASLAN F., NADAR M.
STATISTICAL PAPERS, vol.59, pp.307-340, 2018 (Journal Indexed in SCI)
- IV. **Some reliability characteristics and stochastic ordering of series and parallel systems of bivariate generalized exponential distribution**
KIZILASLAN F.
JOURNAL OF STATISTICAL COMPUTATION AND SIMULATION, vol.88, pp.553-574, 2018 (Journal Indexed in SCI)
- V. **Statistical inference of $P(X < Y)$ for the Burr Type XII distribution based on records**
KIZILASLAN F., NADAR M.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.46, pp.713-742, 2017 (Journal Indexed in SCI)
- VI. **Classical and Bayesian estimation of reliability in a multicomponent stress-strength model based on the proportional reversed hazard rate mode**
KIZILASLAN F.
MATHEMATICS AND COMPUTERS IN SIMULATION, vol.136, pp.36-62, 2017 (Journal Indexed in SCI)
- VII. **The E-Bayesian and hierarchical Bayesian estimations for the proportional reversed hazard rate model based on record values**
KIZILASLAN F.
JOURNAL OF STATISTICAL COMPUTATION AND SIMULATION, vol.87, pp.2253-2273, 2017 (Journal Indexed in SCI)
- VIII. **Estimation of Reliability in a Multicomponent Stress-Strength Model Based on a Marshall-Olkin Bivariate Weibull Distribution**
NADAR M., KIZILASLAN F.
IEEE TRANSACTIONS ON RELIABILITY, vol.65, pp.370-380, 2016 (Journal Indexed in SCI)
- IX. **Estimation and prediction of the Kumaraswamy distribution based on record values and inter-record times**

- KIZILASLAN F., NADAR M.
 JOURNAL OF STATISTICAL COMPUTATION AND SIMULATION, vol.86, pp.2471-2493, 2016 (Journal Indexed in SCI)
- X. **Estimation and prediction of the Burr type XII distribution based on record values and inter-record times**
 NADAR M., KIZILASLAN F.
 JOURNAL OF STATISTICAL COMPUTATION AND SIMULATION, vol.85, pp.3297-3321, 2015 (Journal Indexed in SCI)
- XI. **Estimation with the generalized exponential distribution based on record values and inter-record times**
 KIZILASLAN F., NADAR M.
 JOURNAL OF STATISTICAL COMPUTATION AND SIMULATION, vol.85, pp.978-999, 2015 (Journal Indexed in SCI)
- XII. **Classical and Bayesian estimation of using upper record values from Kumaraswamy's distribution**
 NADAR M., KIZILASLAN F.
 STATISTICAL PAPERS, vol.55, pp.751-783, 2014 (Journal Indexed in SCI)
- XIII. **Classical and Bayesian estimation of $P(Y < X)$ for Kumaraswamy's distribution**
 NADAR M., KIZILASLAN F., Papadopoulos A.
 JOURNAL OF STATISTICAL COMPUTATION AND SIMULATION, vol.84, pp.1505-1529, 2014 (Journal Indexed in SCI)
- XIV. **Statistical analysis for Kumaraswamy's distribution based on record data**
 NADAR M., Papadopoulos A., KIZILASLAN F.
 STATISTICAL PAPERS, vol.54, pp.355-369, 2013 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Estimation of Reliability in a Multicomponent Stress–Strength Model for a General Class of Inverted Exponentiated Distributions Under Progressive Censoring**
 Tripathi Y. M. , KIZILASLAN F., Mahto A. K.
 Journal of Statistical Theory and Practice, vol.14, 2020 (Refereed Journals of Other Institutions)
- II. **Stress-Strength Reliability Estimation for the Type I Extreme-Value Distribution Based on Records**
 KIZILASLAN F.
 International Journal of Advances in Engineering and Pure Sciences, vol.31, pp.214-222, 2019 (Other Refereed National Journals)
- III. **The mean remaining strength of parallel systems in a stress-strength model based on exponential distribution**
 KIZILASLAN F.
 Communications Faculty Of Science University of Ankara Series A1Mathematics and Statistics, vol.68, pp.1435-1451, 2019 (Journal Indexed in ESCI)
- IV. **Comparing the Fisher information matrix in record values and random observations for the general class of exponentiated distributions**
 KIZILASLAN F.
 JOURNAL OF STATISTICAL THEORY AND APPLICATIONS, vol.16, pp.589-604, 2017 (Journal Indexed in ESCI)
- V. **Classical and Bayesian Estimation of Reliability in Multicomponent Stress Strength Model Based on Weibull Distribution**
 NADAR M., KIZILASLAN F.
 Revista Colombiana de Estadística, vol.38, pp.467-484, 2015 (Refereed Journals of Other Institutions)
- VI. **Estimations for proportional reversed hazard rate model distributions based on upper record values and inter record times**
 KIZILASLAN F., NADAR M.
 İSTATİSTİK, Journal of the Turkish Statistical Association, vol.7, pp.55-62, 2014 (Refereed Journals of Other Institutions)
- VII. **Classical and Bayesian Analysis for The Generalized Exponential Distribution Based on Record**

Values and Times

KIZILASLAN F., NADAR M.

Anadolu University Journal of Science and Technology-B, Theoretical Sciences, vol.2, pp.111-120, 2013 (Other Refereed National Journals)

Refereed Congress / Symposium Publications in Proceedings

- I. **Stress-strength reliability estimation of series system with cold standby redundancy at system and component levels**
CÜRAN G., KIZILASLAN F.
Young Business and Industrial Statisticians Workshop on Recent Advances in Data Science and Business Analytics (y-BIS 2019), İstanbul, Turkey, 25 - 28 September 2019
- II. **Statistical Inference of Consecutive k-out-of-n System in Stress-Strength Setup Based on Proportional Hazard Rate Family**
DEMİRAY D., KIZILASLAN F.
Young Business and Industrial Statisticians Workshop on Recent Advances in Data Science and Business Analytics (Y-BIS 2019), İstanbul, Turkey, 25 - 28 September 2019
- III. **Estimation of Reliability for Consecutive k-out-of-n System in Stress-Strength Setup Based on Proportional Hazard Rate Family**
Demiray D., KIZILASLAN F.
11. International Statistics Days Conference, 3 - 07 October 2018, pp.579-587
- IV. **Stochastic comparisons of series and parallel systems with Gumbel distributed components**
KIZILASLAN F.
13th International Conference on Ordered Statistical Data (OSD2018), Cadiz, Spain, 22 - 25 May 2018
- V. **Some reliability characteristics of bivariate generalized exponential distribution**
KIZILASLAN F.
10th International conference on Mathematical Methods in Reliability-MMR 2017, Grenoble, France, 3 - 06 July 2017
- VI. **Estimation of the mean remaining strength of parallel systems in a stress-strength model based on exponential distribution**
KIZILASLAN F.
3rd International Researchers, Statisticians and Young Statisticians Congress (IRSYC-2017), Konya, Turkey, 24 - 26 May 2017
- VII. **Classical and Bayesian estimation of reliability in a multicomponent stress strength model based on the proportional reversed hazard rate model**
KIZILASLAN F.
X th International Statistics Days Conference – ISDC'2016, Giresun, Turkey, 7 - 09 October 2016
- VIII. **Reliability properties of systems with Marshall Olkin bivariate Weibull distribution**
KIZILASLAN F.
The International Conference on Trends and Perspectives in Linear Statistical Inference (Linstat2016), İstanbul, Turkey, 22 - 25 August 2016
- IX. **Multicomponent stress strength reliability for a multivariate Weibull distribution**
KIZILASLAN F.
10th Tartu Conference on Multivariate Statistics, Tartu, Estonia, 28 June - 01 July 2016
- X. **Estimation of reliability in a multicomponent stress strength model based on bivariate generalized exponential distribution**
NADAR M., KIZILASLAN F.
9th International Statistics Congress, Antalya, Turkey, 28 October - 01 November 2015
- XI. **Estimation of reliability in multicomponent stress strength model based on Marshall Olkin Weibull**

distribution

NADAR M., KIZILASLAN F.

International Congress in Honour of Prof. Ravi P. Agarwal, Bursa, Turkey, 23 - 26 June 2014

XII. Estimations for proportional reversed hazard rate model distributions based on upper record values and inter record times

KIZILASLAN F., NADAR M.

9th International Statistics Day Symposium, Antalya, Turkey, 10 - 14 May 2014

XIII. Bayesian and Non Bayesian analysis for the Burr Type XII distribution based on record values and inter record times

KIZILASLAN F., NADAR M.

The 7th International Days of Statistics and Economics, Prague, Czech Republic, 19 - 21 September 2013, pp.601-610

XIV. Classical and Bayesian analysis for the generalized exponential distribution based on record values and times

KIZILASLAN F., NADAR M.

8th International Symposium of Statistics, Eskişehir, Turkey, 11 - 13 October 2012

XV. Classical and Bayesian estimation of $P(Y < X)$ for Kumaraswamy's distribution

NADAR M., KIZILASLAN F., PAPADOPOULOS A.

International Conference on Applied Analysis and Algebra, İstanbul, Turkey, 29 June - 02 July 2011

XVI. Classical and Bayesian estimation of $P(X < Y)$ using upper record values from Kumaraswamy's distribution

KIZILASLAN F., NADAR M., PAPADOPOULOS A.

Yeditepe International Research Conference on Bayesian Learning, İstanbul, Turkey, 15 - 17 June 2011

XVII. Kumaraswamy Dağılımı İçin Bayes Ve Bayes Olmayan Tahmin Ediciler

KIZILASLAN F.

Uluslararası 7. İstatistik Kongresi, Antalya, Turkey, 28 April - 01 May 2011

XVIII. Genişletilmiş Stokastik İntegral Süreçleri İçin Lokal Zaman

NADAR M., KIZILASLAN F.

Ulusal Mekanik Kongresi, Kayseri, Turkey, 22 - 26 June 2009, pp.881-892

Scientific Refereeing

- I. JOURNAL OF APPLIED STATISTICS, SCI Journal, September 2019

Citations

- I. Total Citations (WOS): 174
- II. h-index (WOS): 9

Scholarships

- I. 2219 Yurt Dışı Doktora Sonrası Araştırma Burs Programı, TÜBİTAK, 2018 - 2018
- II. 2211 Yurt İçi Lisansüstü Burs Programı, TÜBİTAK, 2007 - 2015