

## Doç.Dr. FATİH KIZILASLAN

---

E-posta: fatih.kizilaslan@marmara.edu.tr

Web: <http://mimoza.marmara.edu.tr/~fatih.kizilaslan/>

Uluslararası Araştırmacı ID'leri

ScholarID: t72MljAAAAAJ

ORCID: 0000-0001-6457-0967

Publons / Web Of Science ResearcherID: AAC-6756-2019

ScopusID: 54924503400

Yoksis Araştırmacı ID: 49366

## Eğitim Bilgileri

---

- I. Doktora, Gebze Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Matematik, Türkiye 2009 - 2015
- II. Yüksek Lisans, Gebze Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Matematik, Türkiye 2007 - 2009
- III. Lisans, Gebze Yüksek Teknoloji Enstitüsü, Fen Fakültesi, Matematik Bölümü, Türkiye 2002 - 2007

## Yabancı Diller

---

- I. İngilizce, B2 Orta Üstü

## Yaptığı Tezler

---

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

## Araştırma Alanları

---

İstatistik

## Akademik Unvanlar / Görevler

---

- I. Araştırmacı, University of Oslo, Tıp, Biyoistatistik, 2021 - Devam Ediyor
- II. Doç.Dr., Marmara Üniversitesi, Fen - Edebiyat Fakültesi, İstatistik Bölümü, 2019 - Devam Ediyor
- III. Yrd.Doç.Dr., Marmara Üniversitesi, Fen - Edebiyat Fakültesi, İstatistik Bölümü, 2016 - 2019
- IV. Yrd.Doç.Dr., McMaster University, Fen Fakültesi, Matematik ve İstatistik Bölümü, 2018 - 2018
- V. Araştırma Görevlisi, Gebze Teknik Üniversitesi, Temel Bilimler Fakültesi, Matematik Bölümü, 2007 - 2015

## Verdiği Dersler

---

- I. Biyoistatistik, Lisans, 2020 - 2021, 2019 - 2020, 2018 - 2019
- II. İleri Analiz II, Lisans, 2020 - 2021, 2019 - 2020, 2018 - 2019
- III. Araştırma Projesi, Lisans, 2020 - 2021, 2019 - 2020
- IV. Deney Tasarımı, Lisans, 2020 - 2021, 2019 - 2020
- V. Olasılık Teorisi, Yüksek Lisans, 2019 - 2020, 2016 - 2017
- VI. Regresyon Analizi, Lisans, 2020 - 2021, 2019 - 2020
- VII. Matematik II, Lisans, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017
- VIII. İleri Analiz I, Lisans, 2020 - 2021, 2019 - 2020
- IX. Matematiksel İstatistik I, Yüksek Lisans, 2020 - 2021, 2019 - 2020
- X. Matematik I, Lisans, 2020 - 2021, 2019 - 2020, 2017 - 2018, 2016 - 2017
- XI. Stokastik Süreçler, Lisans, 2018 - 2019, 2016 - 2017, 2015 - 2016
- XII. Matematik II, Lisans, 2017 - 2018
- XIII. Matematik II, Lisans, 2017 - 2018
- XIV. Matematik I, Lisans, 2017 - 2018
- XV. Matematik I, Lisans, 2017 - 2018
- XVI. Oyun Teorisi, Lisans, 2016 - 2017, 2015 - 2016

## Yönetilen Tezler

---

- I. Abadoğlu E., Kızılaslan F., Soğuk bekleme yedekliliğine sahip bazı tutarlı sistemlerin güvenilirliğinin istatistiksel çıkarımı, Doktora, G.CÜRAN(Öğrenci), 2021
- II. Abadoğlu E., Kızılaslan F., Bazı tutarlı sistemlerin stres-dayanıklılık kurulumu altında istatistiksel çıkarımı, Doktora, D.DEMİRAY(Öğrenci), 2021

## Jüri Üyelikleri

---

- I. Tez Savunma (Doktora), Tez Savunma (Doktora), Cukurova University, Kasım, 2019
- II. Tez Savunma (Yüksek Lisans), Tez Savunma (Yüksek Lisans), İstanbul Technical University, Mayıs, 2018
- III. Tez Savunma (Yüksek Lisans), Tez Savunma (Yüksek Lisans), İstanbul Technical University, Temmuz, 2017

## SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

---

- I. **Reliability estimation of a consecutive k-out-of-n system for non-identical strength components with applications to wind speed data**  
Demiray D., Kızılaslan F.  
Quality Technology and Quantitative Management, cilt.21, sa.1, ss.111-146, 2024 (SCI-Expanded)
- II. **Stress-strength reliability estimation of a consecutive k-out-of-n system based on proportional hazard rate family**  
Demiray D., Kızılaslan F.  
JOURNAL OF STATISTICAL COMPUTATION AND SIMULATION, cilt.92, sa.1, ss.159-190, 2022 (SCI-Expanded)
- III. **Statistical inference of the stress-strength reliability and mean remaining strength of series system with cold standby redundancy at system and component levels**  
Cüran G., Kızılaslan F.  
Hacettepe Journal Of Mathematics And Statistics, cilt.50, sa.6, ss.1793-1821, 2021 (SCI-Expanded)
- IV. **E-Bayesian estimation for the proportional hazard rate model based on record values**  
KIZILASLAN F.  
COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, cilt.48, sa.2, ss.350-371, 2019 (SCI-

- Expanded)
- V. 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, cilt.59, sa.3, ss.1161-1192, 2018 (SCI-Expanded)
- VI. Estimation of reliability in a multicomponent stress-strength model based on a bivariate Kumaraswamy distribution  
KIZILASLAN F., NADAR M.  
STATISTICAL PAPERS, cilt.59, sa.1, ss.307-340, 2018 (SCI-Expanded)
- VII. Some reliability characteristics and stochastic ordering of series and parallel systems of bivariate generalized exponential distribution  
KIZILASLAN F.  
JOURNAL OF STATISTICAL COMPUTATION AND SIMULATION, cilt.88, sa.3, ss.553-574, 2018 (SCI-Expanded)
- VIII. 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, cilt.46, sa.4, ss.713-742, 2017 (SCI-Expanded)
- IX. 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, cilt.136, ss.36-62, 2017 (SCI-Expanded)
- X. 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, cilt.87, sa.11, ss.2253-2273, 2017 (SCI-Expanded)
- XI. 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, cilt.65, sa.1, ss.370-380, 2016 (SCI-Expanded)
- XII. 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, cilt.86, sa.12, ss.2471-2493, 2016 (SCI-Expanded)
- XIII. 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, cilt.85, sa.16, ss.3297-3321, 2015 (SCI-Expanded)
- XIV. Estimation with the generalized exponential distribution based on record values and inter-record times  
KIZILASLAN F., NADAR M.  
JOURNAL OF STATISTICAL COMPUTATION AND SIMULATION, cilt.85, sa.5, ss.978-999, 2015 (SCI-Expanded)
- XV. Classical and Bayesian estimation of using upper record values from Kumaraswamy's distribution  
NADAR M., KIZILASLAN F.  
STATISTICAL PAPERS, cilt.55, sa.3, ss.751-783, 2014 (SCI-Expanded)
- XVI. Classical and Bayesian estimation of  $P(Y < X)$  for Kumaraswamy's distribution  
NADAR M., KIZILASLAN F., Papadopoulos A.  
JOURNAL OF STATISTICAL COMPUTATION AND SIMULATION, cilt.84, sa.7, ss.1505-1529, 2014 (SCI-Expanded)
- XVII. Statistical analysis for Kumaraswamy's distribution based on record data  
NADAR M., Papadopoulos A., KIZILASLAN F.  
STATISTICAL PAPERS, cilt.54, sa.2, ss.355-369, 2013 (SCI-Expanded)

## Diger Dergilerde Yayınlanan Makaleler

---

- I. **Estimation of stress-strength reliability of a parallel system with cold standby redundancy at component level**  
Cüran G., Kızılaslan F.  
Istatistik Journal of The Turkish Statistical Association, cilt.13, sa.2, ss.74-87, 2021 (Hakemli Dergi)
- II. **Stochastic comparisons of series and parallel systems with independent heterogeneous Gumbel and truncated Gumbel components**  
KIZILASLAN F.  
International Journal of Quality & Reliability Management, cilt.38, sa.8, ss.1771-1791, 2021 (ESCI)
- III. **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, cilt.14, sa.4, 2020 (ESCI)
- IV. **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, cilt.31, ss.214-222, 2019 (Hakemli Dergi)
- V. **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, cilt.68, sa.2, ss.1435-1451, 2019 (ESCI)
- VI. **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, cilt.16, sa.4, ss.589-604, 2017 (ESCI)
- VII. **Classical and Bayesian Estimation of Reliability in Multicomponent Stress Strength Model Based on Weibull Distribution**  
Nadar M., KIZILASLAN F.  
Revista Colombiana de Estadística, cilt.38, ss.467-484, 2015 (Scopus)
- VIII. **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, cilt.7, ss.55-62, 2014 (Hakemli Dergi)
- IX. **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, cilt.2, ss.111-120, 2013 (Hakemli Dergi)

## Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

---

- 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, Türkiye, 25 - 28 Eylül 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, Türkiye, 25 - 28 Eylül 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 Ekim 2018, ss.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, İspanya, 22 - 25 Mayıs 2018
- V. **Some reliability characteristics of bivariate generalized exponential distribution**  
KIZILASLAN F.  
10th International conference on Mathematical Methods in Reliability-MMR 2017, Grenoble, Fransa, 3 - 06 Temmuz 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, Türkiye, 24 - 26 Mayıs 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, Türkiye, 7 - 09 Ekim 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, Türkiye, 22 - 25 Ağustos 2016
- IX. **Multicomponent stress strength reliability for a multivariate Weibull distribution**  
KIZILASLAN F.  
10th Tartu Conference on Multivariate Statistics, Tartu, Estonia, 28 Haziran - 01 Temmuz 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, Türkiye, 28 Ekim - 01 Kasım 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, Türkiye, 23 - 26 Haziran 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, Türkiye, 10 - 14 Mayıs 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, Çek Cumhuriyeti, 19 - 21 Eylül 2013, ss.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, Türkiye, 11 - 13 Ekim 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, Türkiye, 29 Haziran - 02 Temmuz 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, Türkiye, 15 - 17 Haziran 2011
- XVII. Kumaraswamy Dağılımı İçin Bayes Ve Bayes Olmayan Tahmin Ediciler  
KIZILASLAN F.  
Uluslararası 7. İstatistik Kongresi, Antalya, Türkiye, 28 Nisan - 01 Mayıs 2011
- XVIII. Genişletilmiş Stokastik İntegral Süreçleri İçin Lokal Zaman  
NADAR M., KIZILASLAN F.  
Ulusal Mekanik Kongresi, Kayseri, Türkiye, 22 - 26 Haziran 2009, ss.881-892

## Bilimsel Hakemlikler

---

- I. JOURNAL OF APPLIED STATISTICS, SCI Kapsamındaki Dergi, Eylül 2019

## Metrikler

---

Yayın: 44  
Atıf (WoS): 224  
Atıf (Scopus): 294  
H-İndeks (WoS): 9  
H-İndeks (Scopus): 12

## Burslar

---

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

## Antrenörlük Görevleri

---

## Hakemlik Görevleri

---