

# Prof. HALİL AYDOĞDU

## Personal Information

**Email:** aydogdu@ankara.edu.tr

**Web:** <https://avesis.ankara.edu.tr/aydogdu>

## International Researcher IDs

ORCID: 0000-0001-5337-5277

ScopusID: 8872498000

Yoksis Researcher ID: 109518

## Education Information

Doctorate, Ankara University, Fen Bilimleri Enstitüsü, İstatistik (Dr), Turkey 1990 - 1997

Postgraduate, Ankara University, Fen Bilimleri Enstitüsü, İstatistik (YI) (Tezli), Turkey 1988 - 1990

Undergraduate, Ankara University, Fen Fakültesi, Matematik Bölümü, Turkey 1983 - 1987

## Dissertations

Doctorate, Yenileme süreçlerinde tahmin, Ankara University, Fen Bilimleri Enstitüsü, İstatistik (Dr), 1997

Postgraduate, Yenileme süreçlerinde integral denklemler, Ankara University, Fen Bilimleri Enstitüsü, İstatistik (YI) (Tezli), 1990

## Research Areas

Statistics

## Academic Titles / Tasks

Professor, Ankara University, Fen Fakültesi, İstatistik Bölümü, 2015 - Continues

Associate Professor, Ankara University, Fen Fakültesi, İstatistik Bölümü, 2010 - 2015

Assistant Professor, Ankara University, Fen Fakültesi, İstatistik Bölümü, 2000 - 2010

Research Assistant, Ankara University, Fen Fakültesi, İstatistik Bölümü, 1988 - 2000

## Academic and Administrative Experience

Ankara University, 2010 - Continues

Ankara University, 2013 - 2016

## Courses

810508 Stokastik Süreçlere Giriş, Postgraduate, 2023 - 2024

İST 401 Olasılık ve Stokastik Süreçler, Undergraduate, 2024 - 2025

810610 Uzmanlık Alan Dersi, Doctorate, 2013 - 2014  
İST 451 Özel Konu, Undergraduate, 2013 - 2014  
İST 102 Olasılık ve İstatistik II, Undergraduate, 2013 - 2014  
İST 101 Olasılık ve İstatistik I, Undergraduate, 2013 - 2014  
İST 452 Özel Konu, Undergraduate, 2013 - 2014  
İST 416 Stokastik Modelleme ve Analiz, Undergraduate, 2013 - 2014

## Advising Theses

Aydoğdu H., Uyarlanmış Weibull geometrik süreçte istatistiksel sonuç çıkarımı, Postgraduate, A.YILDIRAN(Student), 2022  
AYDOĞDU H., İkili Geometrik Süreçte Parametre Tahmini, Postgraduate, G.DENİZ(Student), 2021  
AYDOĞDU H., Parameter estimation in semi-geometric processes, Postgraduate, B.KARACA(Student), 2020  
AYDOĞDU H., Trend yenileme süreçlerinde tahmin, Postgraduate, M.ÖZLEM(Student), 2019  
AYDOĞDU H., Power series expansions and estimations for mean value and variance functions of a geometric process, Doctorate, M.HİLMİ(Student), 2019  
AYDOĞDU H., Estimation in renewal processes under censored data, Doctorate, Ö.ALTINDAĞ(Student), 2017  
AYDOĞDU H., Alfa seri süreçlerde parametre tahmini, Doctorate, M.KARA(Student), 2014  
AYDOĞDU H., Sayma süreçlerine ilişkin trend testleri ve karşılaştırılmaları, Postgraduate, M.HİLMİ(Student), 2013  
AYDOĞDU H., Dağılım fonksiyonları konvolüsyonlarının Monte Carlo tahmini ve bazı uygulamaları, Postgraduate, Ö.ALTINDAĞ(Student), 2012  
AYDOĞDU H., Tamir edilebilen bir sistem için noktasal kullanılabilirlik, Postgraduate, N.ODABAŞI(Student), 2010  
AYDOĞDU H., Kalan ömür sürecinin ortalama değer fonksiyonu için bazı sınırlar, Postgraduate, E.BULUT(Student), 2010  
AYDOĞDU H., Geometrik süreçlerde parametre tahmini, Postgraduate, M.KARA(Student), 2009  
AYDOĞDU H., SANSÜRLÜ GÖZLEMLERDE YENİLEME FONKSİYONUNUN TAHMİNİ, Ç.DANIŞ(Student), 2008  
AYDOĞDU H., Bir geometrik sürecin ortalama değer fonksiyonu ve hesabı, Postgraduate, E.SOYUPEK(Student), 2008  
AYDOĞDU H., Bulanık değişkenler ve bulanık yenileme süreçleri, Postgraduate, Y.KOCATÜRK(Student), 2007  
AYDOĞDU H., Geometrik süreçler ve bu süreçlerin yenileme süreçleri ile karşılaştırılması, Postgraduate, D.ÇALIK(Student), 2007  
AYDOĞDU H., Yenileme süreçlerinde yaş ve blok değiştirme stratejileri, Postgraduate, D.SAVAŞCI(Student), 2006  
AYDOĞDU H., Yenileme süreçlerinin garanti analizine uygulanması, Postgraduate, Z.ORAN(Student), 2005  
AYDOĞDU H., Gecikmeli yenileme süreçleri ve bu süreçlerde ortalama değer ve varyans fonksiyonlarının tahmini, Postgraduate, Ö.ACAR(Student), 2004

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

- I. **Parametric estimations of the mean value and variance functions in geometric process**  
PEKALP M. H., AYDOĞDU H.  
Journal of Computational and Applied Mathematics, vol.449, 2024 (SCI-Expanded)
- II. **Parameter Estimation and Testing for the Doubly Geometric Process with Lognormal Distribution: Application to Bladder Cancer Patients' Data**  
PEKALP M. H., Eroğlu'nan G., AYDOĞDU H.  
Asia-Pacific Journal of Operational Research, 2024 (SCI-Expanded)
- III. **Comparison of monotonic trend tests for some counting processes**  
PEKALP M. H., AYDOĞDU H.  
JOURNAL OF STATISTICAL COMPUTATION AND SIMULATION, vol.93, no.8, pp.1282-1296, 2023 (SCI-Expanded)
- IV. **Estimation of the mean value function for gamma trend renewal process**  
PEKALP M. H., Karaduman M. O., Aydogdu H.  
COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, vol.51, no.6, pp.3441-3456, 2022 (SCI-Expanded)

- V. **Statistical inference for doubly geometric process with Weibull interarrival times**  
PEKALP M. H., EROĞLU İNAN G., AYDOĞDU H.  
COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, vol.51, no.6, pp.3428-3440, 2022 (SCI-Expanded)
- VI. **Discriminating between some lifetime distributions in geometric counting processes**  
PEKALP M. H., Aydogdo H., Turkman K. F.  
COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, vol.51, no.3, pp.715-737, 2022 (SCI-Expanded)
- VII. **Estimation of the parameters of the gamma geometric process**  
Kara M., Güven G., Şenoğlu B., Aydoğdu H.  
JOURNAL OF STATISTICAL COMPUTATION AND SIMULATION, vol.92, no.12, pp.2525-2535, 2022 (SCI-Expanded)
- VIII. **Estimation of renewal function under progressively censored data and its applications**  
Altındag O., AYDOĞDU H.  
RELIABILITY ENGINEERING & SYSTEM SAFETY, vol.216, 2021 (SCI-Expanded)
- IX. **Power series expansions for the probability distribution, mean value and variance functions of a geometric process with gamma interarrival times**  
PEKALP M. H., AYDOĞDU H.  
JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS, vol.388, 2021 (SCI-Expanded)
- X. **Statistical inference for doubly geometric process with exponential distribution**  
PEKALP M. H., EROĞLU İNAN G., AYDOĞDU H.  
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.50, no.5, pp.1560-1571, 2021 (SCI-Expanded)
- XI. **Plug-in estimators for the mean value and variance functions in delayed renewal processes**  
PEKALP M. H., Altındag O., Acar O., AYDOĞDU H.  
COMMUNICATIONS IN STATISTICS-THEORY AND METHODS, vol.49, no.19, pp.4693-4711, 2020 (SCI-Expanded)
- XII. **Parameter estimation in alpha-series process with lognormal distribution**  
Kara M., Altındag O., PEKALP M. H., AYDOĞDU H.  
COMMUNICATIONS IN STATISTICS-THEORY AND METHODS, vol.48, no.20, pp.4976-4998, 2019 (SCI-Expanded)
- XIII. **An asymptotic solution of the integral equation for the second moment function in geometric processes**  
PEKALP M. H., AYDOĞDU H.  
JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS, vol.353, pp.179-190, 2019 (SCI-Expanded)
- XIV. **An integral equation for the second moment function of a geometric process and its numerical solution**  
PEKALP M. H., AYDOĞDU H.  
NAVAL RESEARCH LOGISTICS, vol.65, no.2, pp.176-184, 2018 (SCI-Expanded)
- XV. **Statistical inference for alpha-series process with gamma distribution**  
Kara M., AYDOĞDU H., ŞENOĞLU B.  
COMMUNICATIONS IN STATISTICS-THEORY AND METHODS, vol.46, no.13, pp.6727-6736, 2017 (SCI-Expanded)
- XVI. **Statistical inference for alpha-series process with the inverse Gaussian distribution**  
Kara M., TÜRKŞEN Ö., AYDOĞDU H.  
COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, vol.46, no.6, pp.4938-4950, 2017 (SCI-Expanded)
- XVII. **Computation of the mean value and variance functions in geometric process**  
AYDOĞDU H., Altındag O.  
JOURNAL OF STATISTICAL COMPUTATION AND SIMULATION, vol.86, no.5, pp.986-995, 2016 (SCI-Expanded)
- XVIII. **Statistical inference for geometric process with the inverse Gaussian distribution**  
Kara M., AYDOĞDU H., TÜRKŞEN Ö.  
JOURNAL OF STATISTICAL COMPUTATION AND SIMULATION, vol.85, no.16, pp.3206-3215, 2015 (SCI-Expanded)
- XIX. **Power Series Expansions for the Distribution and Mean Value Function of a Geometric Process with Weibull Interarrival Times**  
AYDOĞDU H., KARABULUT İ.

- NAVAL RESEARCH LOGISTICS, vol.61, no.8, pp.599-603, 2014 (SCI-Expanded)
- XX. **On the exact distribution and mean value function of a geometric process with exponential interarrival times**  
AYDOĞDU H., KARABULUT İ., Sen E.  
STATISTICS & PROBABILITY LETTERS, vol.83, no.11, pp.2577-2582, 2013 (SCI-Expanded)
- XXI. **Nonparametric estimation in alpha-series processes**  
AYDOĞDU H., Kara M.  
COMPUTATIONAL STATISTICS & DATA ANALYSIS, vol.56, no.1, pp.190-201, 2012 (SCI-Expanded)
- XXII. **Parameter estimation in geometric process with Weibull distribution**  
AYDOĞDU H., ŞENOĞLU B., Kara M.  
APPLIED MATHEMATICS AND COMPUTATION, vol.217, no.6, pp.2657-2665, 2010 (SCI-Expanded)
- XXIII. **APPLICATION OF MML METHODOLOGY TO AN alpha-SERIES PROCESS WITH WEIBULL DISTRIBUTION**  
AYDOĞDU H., ŞENOĞLU B., Kara M.  
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.39, no.3, pp.449-460, 2010 (SCI-Expanded)
- XXIV. **Pointwise estimator for the k-fold convolution of a distribution function**  
AYDOĞDU H.  
COMMUNICATIONS IN STATISTICS-THEORY AND METHODS, vol.34, no.9-10, pp.1939-1956, 2005 (SCI-Expanded)

### Articles Published in Other Journals

- I. **Bir yazılım ürününün hata ayıklama ve test etme maliyetleri için bir geometrik süreç yaklaşımı**  
Pekalp M. H., Aydoğdu H.  
Gümüşhane Üniversitesi Fen Bilimleri Dergisi, vol.13, pp.66-72, 2023 (Peer-Reviewed Journal)
- II. **A STUDY ON COMPARISONS OF BAYESIAN AND CLASSICAL PARAMETER ESTIMATION METHODS FOR THE TWO-PARAMETER WEIBULL DISTRIBUTION**  
Yılmaz A., Kara M., AYDOĞDU H.  
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.69, no.1, pp.576-602, 2020 (ESCI)
- III. **Sabit Bekleme Zamanlı Tip II Sayaç Sürecinde Ortalama Değer ve Varyans Fonksiyonlarının Parametrik Tahmini**  
PEKALP M. H., AYDOĞDU H.  
Süleyman Demirel Üniversitesi Fen Edebiyat Fakültesi Fen Dergisi, vol.14, pp.28-38, 2019 (Peer-Reviewed Journal)
- IV. **STATISTICAL INFERENCE FOR GEOMETRIC PROCESS WITH THE RAYLEIGH DISTRIBUTION**  
BİÇER C., BİÇER H. D., Kara M., AYDOĞDU H.  
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.68, no.1, pp.149-160, 2019 (ESCI)
- V. **STATISTICAL INFERENCE FOR THE BURR TYPE III DISTRIBUTION UNDER TYPE II CENSORED DATA**  
Altındag O., Cankaya M. N., Yalcinkaya A., AYDOĞDU H.  
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.66, no.2, pp.297-310, 2017 (ESCI)
- VI. **Investigation of Trend by Graphical Methods in Counting Processes**  
PEKALP M. H., AYDOĞDU H., KARABULUT İ.  
Commun. Fac. Sci. Univ. Ank. Series A1, vol.63, no.1, pp.73-83, 2014 (Peer-Reviewed Journal)
- VII. **Age and Block Replacement Policies in Renewal Processes**  
Aydoğdu H., Savaşçı D.  
Selçuk J. Appl. Math., vol.11, no.1, pp.81-94, 2010 (Peer-Reviewed Journal)
- VIII. **Some bounds for the Variance Function in Renewal Processes**  
Aydoğdu H., Öztürk F.  
Commun. Fac. Sci. Univ. Ank. Series A1, vol.47, no.1-2, pp.85-96, 2008 (Peer-Reviewed Journal)
- IX. **Some Inequalities on Delayed Renewal Moments**

- Aydođdu H.  
Jour. of Inst. of Math. & Comp. Sci. (Math. Ser.), vol.20, no.2, pp.127-133, 2007 (Peer-Reviewed Journal)
- X. **Some Bounds for the n-fold Convolution of Concave and Log-Concave Distribution Functions**  
Aydođdu H.  
Commun. Fac. Sci. Univ. Ank. Series A1, vol.56, no.2, pp.17-25, 2007 (Peer-Reviewed Journal)
- XI. **Asymptotic Unbiasedness of Some Estimators for Renewal and Variance Functions**  
AYDOĐDU H.  
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS,  
vol.53, no.2, pp.35-42, 2004 (Peer-Reviewed Journal)
- XII. **Comparison of Some Estimators for the Variance Function in Renewal Processes**  
AYDOĐDU H., ÖZTÜRK F.  
JOURNAL OF APPLIED STATISTICAL SCIENCE, vol.12, no.3, pp.179-190, 2003 (Peer-Reviewed Journal)
- XIII. **Yenileme Süreçlerinde Ortalama Deđer ve Varyans Fonksiyonlarının Sayısal Hesabı**  
AYDOĐDU H.  
Gazi Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.16, no.2, pp.253-266, 2003 (Peer-Reviewed Journal)
- XIV. **Yenileme Süreçleri ve İntegral Denklemler**  
AYDOĐDU H., ATAKAN C.  
Selçuk Üniversitesi Fen-Edebiyat Fakültesi Fen Dergisi, vol.20, pp.91-97, 2002 (Peer-Reviewed Journal)
- XV. **Some Analytical Expressions for the Variance Function in Renewal Processes**  
AYDOĐDU H., ÖZTÜRK F.  
Hacettepe Bulletin of Natural Sciences and Engineering Series B / Mathematics and Statistics, vol.28, pp.77-88,  
1999 (Peer-Reviewed Journal)
- XVI. **Some Monotonicity Properties of the Variance Function in Renewal Processes**  
AYDOĐDU H., ÖZTÜRK F.  
Pure and Applied Matematika Sciences, vol.47, pp.31-37, 1998 (Peer-Reviewed Journal)
- XVII. **Estimation of the Variance Function in Renewal Processes**  
AYDOĐDU H., ÖZTÜRK F.  
JOURNAL OF APPLIED STATISTICAL SCIENCE, vol.7, no.4, pp.191-202, 1998 (Peer-Reviewed Journal)
- XVIII. **Gamma ve Weibull Dağılımlı Yenileme Süreçleri Üzerine Bir Çalışma**  
AYDOĐDU H., ÖZTÜRK F.  
Celal Bayar Üniversitesi Fen Bilimleri Dergisi, vol.4, pp.49-58, 1998 (Peer-Reviewed Journal)
- XIX. **Some Monotonicity Properties of Age and Excess Lifetime in Renewal Processes**  
AYDOĐDU H., ÖZTÜRK F.  
JOURNAL OF MATHEMATICS AND COMPUTER SCIENCE, vol.10, no.3, pp.145-150, 1997 (Peer-Reviewed Journal)
- XX. **Yenileme Fonksiyonunun Tahmini Üzerine Bir Simülasyon Çalışması**  
AYDOĐDU H., ÖZTÜRK F.  
Hacettepe Bulletin of Natural Sciences and Engineering Series B / Mathematics and Statistics, vol.15, pp.81-88,  
1994 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Parametre Tahmini ve Hipotez Testi**  
Öztürk F., AKDİ Y., AYDOĐDU H., KARABULUT İ.  
Bıçaklar Kitabevi, 2006
- II. **İstatistik Laboratuvarı I**  
FİKRİ Ö., GENÇ A., AYDOĐDU H., ATAKAN C.  
Kurum, 1993

## Refereed Congress / Symposium Publications in Proceedings

- I. **Discrimination of Exponential and Weibull Distributions in Doubly Geometric Process**  
PEKALP M. H., AYDOĞDU H.  
2. INTERNATIONAL HASANKEYF SCIENTIFIC STUDIES AND INNOVATION CONGRESS, Batman, Turkey, 25 June 2022
- II. **An application of a geometric process model for debugging and testing costs**  
PEKALP M. H., AYDOĞDU H.  
22nd European Young Statisticians Meeting, Greece, 6 - 10 September 2021
- III. **DOUBLY GEOMETRIC PROCESS WITH GAMMA INTERARRIVAL TIMES**  
Pekalp M. H., Eroğlu İnan G., Aydoğdu H.  
14th International European Conference On Mathematics, Engineering, Natural & Medical Sciences, Budapest, Hungary, 26 March 2021
- IV. **Estimation of Lognormal Renewal Function under Progressively Censored Data**  
ALTINDAĞ Ö., AYDOĞDU H.  
1st International Applied Statistics Conference, Tokat, Turkey, 1 - 04 October 2020, pp.5
- V. **Statistical Inference for Doubly Geometric Process with Lognormal Interarrival Times**  
EROĞLU İNAN G., PEKALP M. H., AYDOĞDU H.  
1st International Applied Statistics Conference, Tokat, Turkey, 1 - 04 October 2020, pp.297
- VI. **Nonparametric Estimation of Renewal Function under Progressively Censored Data**  
ALTINDAĞ Ö., AYDOĞDU H.  
1st International Applied Statistics Conference, Tokat, Turkey, 1 - 04 October 2020, pp.275
- VII. **A Plug-in Estimator for the Mean Value Function of a Geometric Process with Exponential Distribution**  
PEKALP M. H., ÖZBEK L., AYDOĞDU H.  
International Conference on Numerical Analysis and Applied Mathematics (ICNAAM), Rhodes, Greece, 23 - 28 September 2019, vol.2293
- VIII. **Parameter Estimation in Doubly Geometric Process with Exponential Inter-renewal Times**  
Pekalp M. H., Eroglu Inan G., Aydoğdu H.  
International Conference on Numerical Analysis and Applied Mathematics (ICNAAM), Rhodes, Greece, 23 - 28 September 2019, vol.2293
- IX. **A Parametric Estimator for the Geometric Function in Geometric Process with Exponential Interarrival Times**  
PEKALP M. H., AYDOĞDU H.  
International Conference on Mathematics and Mathematics Education, 27 - 29 June 2018
- X. **Estimation of the Mean Value Function for Gamma Trend Renewal Process**  
Karaduman M. Ö., PEKALP M. H., AYDOĞDU H.  
International Conference on Mathematics and Mathematics Education, 27 - 29 June 2018
- XI. **Parameter Estimation In Semi-Geometric Process With Exponential Interarrival Times**  
Karaca B., PEKALP M. H., AYDOĞDU H.  
International Conference on Mathematics and Mathematics Education, 27 - 29 June 2018
- XII. **Some Bounds for the Mean Value Function of the Remaining Life Process Based on an Integral Equation**  
PEKALP M. H., KARA M., AYDOĞDU H.  
International Conference on Mathematics and Mathematics Education, 27 - 29 June 2018
- XIII. **L Moment And TL-Moment Estimation For Two Parameter Lindley Distribution And Its Application**  
YILMAZ A., KARA M., AYDOĞDU H.  
International Conference on Mathematics and Mathematics Education, 27 May - 29 June 2018
- XIV. **Plug-in Estimator for the Mean Value Function of Type II Counter Process with Constant Locking Time**  
PEKALP M. H., AYDOĞDU H.

4th International Researchers, Statisticians and Young Statisticians Congress, 28 - 30 April 2018

- XV. **THE EXACT DISTRIBUTION AND GEOMETRIC FUNCTION OF A GEOMETRIC PROCESS WITH ERLANG INTERARRIVAL TIMES**  
PEKALP M. H., AYDOĞDU H.  
4th International Researchers, Statisticians and Young Statisticians Congress, 28 - 30 April 2018
- XVI. **Variance Function of Type II Counter Process with Constant Locking Time**  
PEKALP M. H., AYDOĞDU H.  
10TH INTERNATIONAL STATISTICS CONGRESS, 6 - 08 December 2017
- XVII. **Power Series Expansion for the Variance Function of Erlang Geometric Process**  
PEKALP M. H., AYDOĞDU H.  
10TH INTERNATIONAL STATISTICS CONGRESS, 6 - 08 December 2017
- XVIII. **Estimation of the Mean Value Function for Weibull Trend Renewal Process**  
KARADUMAN M. Ö., PEKALP M. H., AYDOĞDU H.  
10TH INTERNATIONAL STATISTICS CONGRESS, 6 - 08 December 2017
- XIX. **A Plug-in Estimator for the Lognormal Renewal Function under Progressively Censored Data**  
ALTINDAĞ Ö., AYDOĞDU H.  
10th International Statistics Congress, 6 - 08 December 2017
- XX. **The Estimation of the Parameters of the Weibull Distribution with Different Parameter Estimation Methods**  
YILMAZ A., KARA M., AYDOĞDU H.  
Caucasian Mathematics Conference 2017, 22 - 24 August 2017
- XXI. **Power Series Expansions for the OneDimensional Probability Distribution and Mean Value Function in Gamma Geometric Processes**  
PEKALP M. H., AYDOĞDU H.  
3rd International Researchers, Statisticians and Young Statisticians Congress, 24 - 26 May 2017
- XXII. **Estimation of Trend Function in Trend Renewal Process with Weibull Distribution**  
KARADUMAN M. Ö., PEKALP M. H., AYDOĞDU H.  
3rd International Researchers, Statisticians and Young Statisticians Congress, 24 - 26 May 2017
- XXIII. **Numerical Computation of the Variance Function in Geometric Processes**  
PEKALP M. H., AYDOĞDU H.  
3rd International Researchers, Statisticians and Young Statisticians Congress, 24 - 26 May 2017
- XXIV. **Non-parametric Inference for  $\alpha$ -Series Process**  
ALTINDAĞ Ö., KARA M., AYDOĞDU H.  
3rd International Researchers, Statisticians and Young Statisticians Congress, 24 - 26 May 2017
- XXV. **Goodness of fit tests for Weibull distribution**  
YILMAZ A., Dler E., KARA M., AYDOĞDU H.  
International Conference on Mathematics and Mathematics Education 2017, 11 - 13 May 2017
- XXVI. **Alfa Seri Süreçlerde Lognormal Dağılım Durumunda En Çok Olabilirlik Tahmini**  
KARA M., ALTINDAĞ Ö., AYDOĞDU H.  
Xth International Statistics Days Conference, 7 - 09 October 2016
- XXVII. **Sayma Süreçlerine İlişkin Bazı Monoton Trend Testleri ve Karşılaştırılmaları**  
PEKALP M. H., AYDOĞDU H.  
Xth Statistics Days Conference, 7 - 09 October 2016
- XXVIII. **Estimation of the Weibull Renewal Renewal Function Under Progressively Censored Data**  
ALTINDAĞ Ö., AYDOĞDU H.  
INTERNATIONAL CONFERENCE ON TRENDS AND PERSPECTIVES IN LINEAR STATISTICAL INFERENCE, 22 - 25 August 2016
- XXIX. **Estimation Of The Renewal Function With Double Exponential Distribution Under Randomly Censored Data**  
ALTINDAĞ Ö., AYDOĞDU H.  
International Conference on Information Complexity and Statistical Modeling in High Dimensions with Applications,

18 - 21 May 2016

- XXX. **Parameter Estimation For The Burr Type III Distribution Under TypeII Censored Data**  
ALTINDAĞ Ö., ÇANKAYA M. N., YALÇINKAYA A., AYDOĞDU H.  
International Conference on Information Complexity and Statistical Modeling in High Dimensions with Applications,  
18 - 21 May 2016
- XXXI. **AYNI TÜR YEDEĞE SAHİP TAMİR EDİLEBİLEN SİSTEM İÇİN ALFA SERİ SÜREÇ VE BİR OPTİMAL DEĞİŞTİRME POLİTİKASI**  
Pekalp M. H., Aydoğdu H., Karabulut İ.  
ULUSLARARASI 9.İSTATİSTİK KONGRESİ, İstanbul, Turkey, 28 - 30 October 2015
- XXXII. **Replacement Policies for Alpha-Series Processes**  
PEKALP M. H., AYDOĞDU H., KARABULUT İ.  
2nd ANKARA-ISTANBUL WORKSHOP ON STOCHASTIC PROCESSES, 18 - 19 June 2015
- XXXIII. **Graphical Methods for Trend in Counting Processes**  
PEKALP M. H., AYDOĞDU H., KARABULUT İ.  
9th International Statistics Day Symposium, 10 - 14 May 2014
- XXXIV. **Parameter Estimation in alpha Series Process with Inverse Gaussian Distribution**  
Kara M., Türkşen Ö., Aydoğdu H.  
9th International Statistics Day Symposium (ISDS 2014), Antalya, Turkey, 10 - 14 May 2014, pp.56
- XXXV. **Homojen Olmayan Poisson Süreçlerinde Şiddet Fonksiyonunun Tahmini Radyolojik Veri Üzerine Uygulama**  
Kalm Ö., Köse S. K., Aydoğdu H.  
Uluslararası Katılımlı 15. Ulusal Biyoistatistik Kongresi, Aydın, Turkey, 20 - 23 August 2013, pp.49
- XXXVI. **Parameter Estimation in Geometric Process with the Inverse Gaussian Distribution**  
TÜRKŞEN Ö., KARA M., AYDOĞDU H.  
2nd International Eurasian Conference on Mathematics Sciences and Applications (IECMSA-2013), 26 - 29 August 2013, pp.339
- XXXVII. **Monte Carlo Estimation of the Mean Value Function in Geometric Process**  
ALTINDAĞ Ö., AYDOĞDU H., KARA M.  
The 24th International Conference of Jangjeon Mathematical Society, Konya, Turkey, 19 - 23 July 2011
- XXXVIII. **Dağılım Fonksiyonları Konvolüsyonlarının Monte Carlo Tahmini**  
AYDOĞDU H., ALTINDAĞ Ö.  
Uluslararası 7. İstatistik Kongresi, Antalya, Turkey, 28 April - 01 May 2011
- XXXIX. **Sağdan Rasgele Sansürlü Verilerde Gamma Yenileme Fonksiyonunun Tahmini**  
CENGİZ Ç., AYDOĞDU H.  
VI. İstatistik Günleri Sempozyumu, Samsun, Turkey, 27 - 30 August 2008
- XL. **Geometrik Süreçlerde Bazı Parametrelerin Parametrik Olmayan Tahmini**  
KARA M., AYDOĞDU H.  
VI. İstatistik Günleri Sempozyumu, Samsun, Turkey, 27 - 30 August 2008
- XLI. **Karşıt Hipotez Doğru Olduğunda Beklenen p değeri**  
ATAKAN C., AYDOĞDU H., ÖZTÜRK F.  
5. Ulusal Biyoistatistik Kongresi, Eskişehir, Turkey, 13 - 15 September 2000
- XLII. **Derinlik Çizgileri ve Çanta Çizitleri**  
AYDOĞDU H., KARABULUT İ., ÖZTÜRK F.  
5. Ulusal Biyoistatistik Kongresi, Eskişehir, Turkey, 13 - 15 September 2000
- XLIII. **Kalan Ömre İlişkin Sürecin Ortalama Değer Fonksiyonunun Tahmini**  
AYDOĞDU H., ÖZTÜRK F.  
İstatistik Sempozyumu 2000, Ankara, Turkey, 27 - 28 April 2000
- XLIV. **Yenileme Süreçlerinde Yenileme ve Varyans Fonksiyonları için Bazı Sayısal Hesaplamalar**  
AYDOĞDU H., ÖZTÜRK F.  
II. Kızılırmak Uluslararası Fen Bilimleri Kongresi, Kırıkkale, Turkey, 20 - 22 May 1998
- XLV. **Yenileme Süreçleri ve İntegral Denklemler**



AYDOĐDU H.

Arařtırma Sempozyumu'97, Ankara, Turkey, 24 - 26 November 1997

XLVI. **Nüfus Sayımları ve Örneklem Arařtırmaları Bütünlüğü için Yaklaşım ve Yöntemler**

GEBİZLİOĐLU Ö. L., ÖZTÜRK F., GENÇ A., AYDOĐDU H.

Arařtırma Sempozyumu'97, Ankara, Turkey, 24 - 26 November 1997

XLVII. **Garanti Süresinde Ücretsiz Yenilemeli Bir ve Birden Çok Dönemli Garanti Analizi**

AYDOĐDU H., ÖZTÜRK F.

Arařtırma Sempozyumu '93, Turkey, 22 - 24 November 1993

## **Metrics**

Publication: 96

Citation (WoS): 143

Citation (Scopus): 137

H-Index (WoS): 7

H-Index (Scopus): 8