

Asst. Prof. Cengiz GAZELOĞLU

Personal Information

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Address: Süleyman Demirel Üniversitesi Doğu Kampüsü Fen-Edebiyat Fakültesi İstatistik Bölümü Oda No: 134 Isparta/Merke

Education Information

Doctorate, Anadolu University, Fen Bilimleri Enstitüsü, Uygulamalı İstatistik Anabilim Dalı, Turkey 2013 - 2016

Postgraduate, Afyon Kocatepe University, Fen Bilimleri Enstitüsü, Uygulamalı İstatistik Anabilim Dalı, Turkey 2010 - 2012

Undergraduate, Afyon Kocatepe University, Fen-Edebiyat Fakültesi, İstatistik, Turkey 2006 - 2010

Foreign Languages

English, B1 Intermediate

Dissertations

Doctorate, YAPISAL EŞİTLİK MODELLEMESİNDE SIRALI KATEGORİK VERİLERİN AĞIRLIKLANDIRILMIŞ VE AĞIRLIKLANDIRILMAMIŞ PARAMETRE TAHMİN YÖNTEMLERİ VE BİLGİ KRİTERLERİNİN ÖRNEKLEM HACİMLERİNE GÖRE KARŞILAŞTIRILMASI, Anadolu University, Fen Bilimleri Enstitüsü, Uygulamalı İstatistik Anabilim Dalı, 2016

Postgraduate, DOĞRUSAL TİP II REGRESYON TEKNİKLERİNİN MONTE-CARLO BENZETİM ÇALIŞMASI İLE KARŞILAŞTIRILMASI: SAĞLAM, BULANIK VE SAĞLAM BULANIK TEKNİKLER, Afyon Kocatepe University, Fen Bilimleri Enstitüsü, Uygulamalı İstatistik Anabilim Dalı, 2012

Research Areas

Statistics, Statistical Analysis and Applications, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Suleyman Demirel University, Fen-Edebiyat Fakültesi, İstatistik, 2018 - Continues

Assistant Professor, Suleyman Demirel University, Fen-Edebiyat Fakültesi, İstatistik, 2018 - 2018

Expert, Abdullah Gul University, Eğitim Fakültesi, Eğitim Bilimleri, 2015 - 2018

Expert, Abdullah Gul University, Mühendislik Fakültesi, Elektrik-Elektronik, 2013 - 2015

Academic and Administrative Experience

Suleyman Demirel University, Rektörlük, 2018 - Continues

Suleyman Demirel University, Eğitim Komisyon Üyeliği, 2018 - Continues

Suleyman Demirel University, Akts , 2018 - Continues

Suleyman Demirel University, İstatistik Danışmanlık Uygulama Ve Araştırma Merkezi, 2018 - Continues

Suleyman Demirel University, İstatistik, İstatistik, 2018 - Continues

Courses

İstatistik, Undergraduate, 2017 - 2018

İstatistiğe Giriş I, Undergraduate, 2017 - 2018

Olasılık ve İstatistik I, Undergraduate, 2017 - 2018

Jury Memberships

Post Graduate, Yüksek Lisans Tez Savunması, Afyon Kocatepe Üniversitesi, January, 2019

Post Graduate, Yüksek Lisans Tez Savunması, Süleyman Demirel Üniversitesi, January, 2019

Doctoral Examination, Doktora Yeterlilik Sınavı, Anadolu Üniversitesi, May, 2018

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

- I. **Prediction of heart disease by classifying with feature selection and machine learning methods**
GAZELOĞLU C.
PROGRESS IN NUTRITION, vol.22, no.2, pp.660-670, 2020 (Journal Indexed in SCI)
- II. **Prediction of preference and effect of music on preference: a preliminary study on electroencephalography from young women**
YILMAZ B., GAZELOĞLU C., ALTINDIŞ F.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.27, no.2, pp.1109-1119, 2019 (Journal Indexed in SCI)
- III. **An application of data envelopment analysis on marble factories**
Saracli S., Kilic I., Dogan I., Gazelolu C.
JOURNAL OF INEQUALITIES AND APPLICATIONS, 2013 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Investigation of maternal smoke exposure and childhood obesity: Across-sectional study**
GÖNEY G., GAZELOĞLU C.
Journal of Research in Clinical Medicine, vol.8, no.33, pp.1-5, 2020 (Refereed Journals of Other Institutions)
- II. **Association Between Smoking Exposure, and Obesity in Turkey**
GÖNEY G., GAZELOĞLU C., NAL M.
Genel Sağlık Bilimleri Dergisi, vol.2, no.2, pp.19-27, 2020 (Refereed Journals of Other Institutions)
- III. **Comparison of Weighted Least Squares and Robust Estimation in Structural Equation Modeling of Ordinal Categorical Data with Larger Sample Sizes**
GAZELOĞLU C., AŞAN GREENACRE Z.
Cumhuriyet Science Journal, vol.41, no.1, pp.193-211, 2020 (Other Refereed National Journals)
- IV. **Determination of the Effect of Employees' Trust Perceptions in a Manager on their Organizational Identification Behavior: An Application on Hotel Employess**
GAZELOĞLU C., ERKILIÇ E., AYTEKİN E.
Journal of Tourism Intelligence and Smartness, vol.2, no.2, pp.86-109, 2019 (Refereed Journals of Other Institutions)
- V. **The Effect of Trust in Managers on the Organizational Identification and Intention to Quit: A Research on Hospitality Business Employees**
GAZELOĞLU C., ERKILIÇ E., AYTEKİN E.
Journal of Tourism and Gastronomy Studies, vol.7, no.3, pp.1912-1932, 2019 (Other Refereed National Journals)
- VI. **Akademisyenlerin Çevresel Davranışlarının İstatistiksel Yöntemlerle Belirlenmesi**

GAZELOĞLU C.

Adıyaman Üniversitesi Sosyal Bilimler Enstitüsü Dergisi, vol.11, no.31, pp.461-487, 2019 (Refereed Journals of Other Institutions)

VII. The Role of Demographic Characteristics on Nepotism Perception: A Study on the Employees of Hospitality Businesses in Trabzon

GAZELOĞLU C., ERKILIÇ E., AYTEKİN E.

Uluslararası İnsan Çalışmaları Dergisi, vol.1, no.2, pp.335-352, 2018 (Refereed Journals of Other Institutions)

VIII. A Scale Development Study: Successful University Academicians Perceived By Students

ÇELİKKOL Ö., MERTOL H., GAZELOĞLU C.

Turkish Studies Educational Sciences, vol.13, no.19, pp.473-499, 2018 (Other Refereed National Journals)

IX. Statistical Analysis of Vehicle Driver Behaviors

SARAÇLI S., GAZELOĞLU C.

Journal Of Organizational Behavior Research, vol.3, no.1, pp.197-204, 2018 (Journal Indexed in ESCI)

X. Investigation of Organizational Dissent Behavior via Structural Equation Modeling: a Research on Hospitality Business Employees

ERKILIÇ E., GAZELOĞLU C., AYTEKİN E.

Social Sciences Studies Journal, vol.4, no.25, pp.5355-5366, 2018 (Refereed Journals of Other Institutions)

XI. Do the Positive Aspects of Tourism Affect Hotel Staff s Perceptions of Tourists A Study in Antalya and Eskisehir

EMİR O., GAZELOĞLU C., ARSLANTÜRK Y.

Journal of Tourism and Gastronomy Studies, vol.5, no.4, pp.642-654, 2017 (Refereed Journals of Other Institutions)

XII. Using Structural Equation Models For Visualization of Categorical Data

GAZELOĞLU C., AŞAN GREENACRE Z.

Middle-East Journal of Scientific Research, vol.3, no.24, pp.514-517, 2016 (Refereed Journals of Other Institutions)

XIII. Kapalı Mekanlarda Sigara İçme Yasağı ve Üniversite Öğrencilerin Sigara İçme Alışkanlıklarının Üzerine Etkisi

TOPÇU B., ÜNSAL C., GAZELOĞLU C., AKTAŞ S.

International Journal of Basic and Clinical Medicine, vol.2, no.1, pp.24-31, 2014 (Refereed Journals of Other Institutions)

XIV. Effects of Socio-Demographical Factors on Maslow's Needs of Hierarchy: An Application on Educators in Different Positions in Ankara

SARAÇLI S., ERDOĞMUŞ C., BAŞAR M. A. , GAZELOĞLU C.

The Journal of Academic Social Science Studies, vol.8, no.26, pp.315-328, 2014 (Refereed Journals of Other Institutions)

XV. Afyonkarahisar İlindeki Tekstil İşletmelerinde Çalışan İşçilerin Verimliliğini Etkileyen Etmenlerin Yapısal Eşitlik Modeli İle İncelenmesi

TOPÇU B., SARAÇLI S., GAZELOĞLU C.

International Anatolia Academic Online Journal, vol.2, no.1, pp.12-17, 2014 (Other Refereed National Journals)

XVI. Multivariate Linear Errors in Variables Regression A simulation Study of Bisector Technique on Three Dimensional Space

SARAÇLI S., GAZELOĞLU C.

Journal of Selçuk University Natural and Applied Science, vol.3, no.1, pp.8-16, 2014 (Other Refereed National Journals)

XVII. Examining the Effects of Organizational Commitment on Motivation Via Structural Equation Modelling: Turkish Academicians Case

SARAÇLI S., KESKİNTÜRK T., GAZELOĞLU C., ÇİÇEK M.

International Anatolia Academic Online Journal, vol.2, no.2, pp.1-9, 2014 (Other Refereed National Journals)

XVIII. Üniversite Öğrencilerinin Çevresel Bilgi ve Davranışlarının Yapısal Eşitlik Modeli İle İncelenmesi

SARAÇLI S., KILIÇ İ., TÜRKAN A. H. , DURSUN P., DOĞAN İ., ÖZDEMİR Ş., GAZELOĞLU C.

International Anatolia Academic Online Journal, vol.2, no.1, pp.1-11, 2014 (Other Refereed National Journals)

- XIX. **Doğrusal Olmayan Tip II Regresyon Analizi Üzerine Bir Simülasyon Çalışması**
GAZELOĞLU C., SARAÇLI S.
International Anatolia Academic Online Journal, vol.1, no.1, pp.13-18, 2013 (Other Refereed National Journals)
- XX. **Akademisyenlerin Yaşam Kalitesi Üzerine Çalışma Afyon Kocatepe Üniversitesi Örneği**
TOPÇU B., SARAÇLI S., DURSUN P., GAZELOĞLU C.
Düzce Üniversitesi Sağlık Bilimleri Enstitüsü Dergisi, vol.2, no.1, pp.15-19, 2012 (Other Refereed National Journals)
- XXI. **Bulanık ve Sağlam Bulanık Açığortay Regresyon Tekniklerinin Performansları Üzerine Bir Benzetim Çalışması**
GAZELOĞLU C., SARAÇLI S.
Afyon Kocatepe Üniversitesi Fen Bilimleri Dergisi, vol.12, no.11301, pp.1-13, 2012 (Other Refereed National Journals)

Books & Book Chapters

- I. **Türkiye’de Araştırma Odaklı Üniversitelerde Uluslararasılaşma**
AYTEN A. M. , GAZELOĞLU C., GÖVER İ. H. , SÖNMEZ Y.
Kimlik Yayın Evi, Kayseri, 2019
- II. **Determination of Employees’ Reactions to Abusive Supervision Management Styles of Hospitality Business Managers Via Decision Tree Method**
AYTEKİN E., GAZELOĞLU C., ERKILIÇ E.
in: Current Debates on Social Sciences Human Studies 3, Salih Çeçen, Ömer Kahya, Şafak Bozgun, Koray Toptaş, Editor, Bilgin Kültür Sanat Yayınları, Ankara, pp.630-643, 2019
- III. **Explaining the Factors on Process of Academic Wikipedia Users Using Technology Acceptance Model Through the Structural Equation Model**
GAZELOĞLU C., KELEŞ M. K. , TOYGANÖZÜ C., TOYGANÖZÜ Z. H.
in: Structural Equation Modeling Approaches to E-Service Adoption, AKGUL, YAKUP, Editor, IGI Global Business Science Reference, pp.169-186, 2019
- IV. **Classification of the Usage of Wikipedia as a Tool of Teaching in Higher Education With Decision Tree Model**
GAZELOĞLU C., TOYGANÖZÜ Z. H. , TOYGANÖZÜ C., KELEŞ M. K.
in: Multi-Criteria Decision-Making Models for Website Evaluation, Vatansever, Kemal, Akgul, Yakup, Editor, IGI Global Engineering Science Reference, pp.44-63, 2019
- V. **Organizational Justice Perceptions of Hospitality Business Employees Inthe Scope of Demographic Characteristics: A Study in Rize**
ERKILIÇ E., GAZELOĞLU C., AYTEKİN E.
in: Issues in Tourism Human Rights Sustainable Environment, Volkan Genç, Makbule Şiriner Önver, Editor, IJOPEC Publication Limited, Londrina, pp.19-33, 2018
- VI. **Fuzzy Categorical Data Through Structural Equality Model and Its Comparison of WLS and WLSMV Estimation Methods Used in Estimation**
GAZELOĞLU C., AYTEKİN E., ERKILIÇ E.
in: Current Debates in Education, O. Nejat Akfırat, Donald F. Staub, Gürkan Yavaş, Editor, IJOPEC PUBLICATION, London, pp.453-469, 2017

Refereed Congress / Symposium Publications in Proceedings

- I. **Relationship of Smoking, and Obesity Among Turkish Adult**
GÖNEY G., GAZELOĞLU C., NAL M.
3th International Congress on Nutrition, Obesity and Community Health, İstanbul, Turkey, 11 - 12 April 2020, pp.45
- II. **Modelling the Mediator Effect of Demographic Features on Bank Clients’xx Credit Usage via**

Structural Equation Modelling

SARAÇLI S., GAZELOĞLU C.

11th International Statistics Congress, Muğla, Turkey, 4 - 08 October 2019, pp.769-775

- III. **Theoretical and Practical Comparison of the Frequency Based Classification Methods: Education Sample**
GAZELOĞLU C., SARAÇLI S.
11th International Statistics Congress, Muğla, Turkey, 4 - 08 October 2019, pp.574-585
- IV. **Statistical Investigation of the Differences of Financial Well-Being and Intention to Quit in Terms of Demographic Characteristics: An Application on Employees of Hospitality Businesses**
AYTEKİN E., ERKILIÇ E., GAZELOĞLU C.
2.Uluslararası İnsan Çalışmaları Kongresi, Ankara, Turkey, 23 - 24 November 2019, pp.431-443
- V. **Fuzzy Rough Nearest Neighbour Makine Öğrenmesi ile Sezeryan Olup Olmama Durumunun Sınıflandırılması**
GAZELOĞLU C.
International Aegean Symposium on Innovative Interdisciplinaryscientific Researches- II, Antalya, Turkey, 1 - 03 October 2019, pp.54-59
- VI. **Öğrenci Akademik Performansının K-NN İle Sınıflandırılması**
GAZELOĞLU C.
International Aegean Symposium on Innovative Interdisciplinaryscientific Researches- II, Antalya, Turkey, 1 - 03 October 2019, pp.60-66
- VII. **Determining the Effective Factors on the Tourism Income and Tourism Expenditure of Turkey Via Classification Regression Trees Approach**
Özgören E., SARAÇLI S., GAZELOĞLU C.
4th International Tourism Congress, Eskişehir, Turkey, 16 - 19 October 2019, pp.1-7
- VIII. **Statistical Analysis of Fish Genotoxicity Tests**
GÖNEY G., GAZELOĞLU C.
International Industrial and Environmental Toxicology Congress, Antalya, Turkey, 26 - 29 October 2019, pp.57
- IX. **Organizational Justice Perceptions of Hospitality Business Employeesin the scope of Demographic Characteristics: A study in Rize**
ERKILIÇ E., GAZELOĞLU C., AYTEKİN E.
8. International Congress Oncurrent Debates Insocial Sciences, İstanbul, Turkey, 28 - 30 September 2018, pp.52
- X. **Is Civil Engineering Education at Kocaeli University HelpingStudents Realize Their Potentialities?**
ERDOĞAN H., GAZELOĞLU C., COŞKUN S. B. , MERT KUTSAL S., ATAY M. T. , ENGİN S.
13 th International Congress on Advances in Civil Engineering, İzmir, Turkey, 12 - 14 September 2018
- XI. **Fuzzy Categorical Data Through Structural Equality Model and Its Comparison Of Wls and Wlsmv Estimation Methods Used in Estimation**
GAZELOĞLU C., AYTEKİN E., ERKILIÇ E.
6. International Congress on Current Debates in Social Science, İstanbul, Turkey, 14 - 16 November 2017, pp.197
- XII. **Examination of Differences in Academicians' Communication Skills in Terms of Demographic Characteristics Through Statistical Techniques**
GAZELOĞLU C., AYTEKİN E., ERKILIÇ E.
International Conference on Computational and Statistical Methods in Applied Science (COSTAS 2017), Samsun, Turkey, 9 - 11 November 2017, pp.170-171
- XIII. **Comparison of Fuzzy and Nonfuzzy Structural Equation Models**
GAZELOĞLU C., SARAÇLI S., AŞAN GREENACRE Z.
International Conference on Computational and Statistical Methods in Applied Science (COSTAS 2017), Samsun, Turkey, 9 - 11 November 2017, pp.46-47
- XIV. **Lojistik Regresyon ile Bulanık Jojistik Regresyonun Karşılaştırılması Üzerine Bir Benzetim Çalışması**
GAZELOĞLU C., SARAÇLI S.
International Applied Social Science (IASOS) Congress, Uşak, Turkey, 21 - 23 September 2017, pp.297-298
- XV. **Bulanık Tip II Regresyon Tekniklerinin Farklı Dağılımlılar ve Farklı Örneklem Hacimlerinde**

Performanslarını İnceleyen Bir Benzetim Çalışması

GAZELOĞLU C., SARAÇLI S.

International Applied Social Science (IASOS) Congress, Uşak, Turkey, 21 - 23 September 2017, pp.317-318

- XVI. **Investigating The Communication Skills Of Academicians Through Structural Equation Modeling**
SOYLU Ş., GAZELOĞLU C.
26 rd. International Conference on Educational Science, Antalya, Turkey, 20 - 23 April 2017, vol.1, pp.3731-3733
- XVII. **Rize İlinin Spor Truzimi Açısından Değerlendirilmesi**
YILDIZ S., ERKILIÇ E., UYGUN H., GAZELOĞLU C.
II Rize Sempozyumu, Rize, Turkey, 4 - 06 November 2016, pp.99-116
- XVIII. **Ekonometrik Modellerde Kullanılan Yapısal Eşitlik Modellemesi ve Bir Simülasyon Çalışması**
GAZELOĞLU C., AŞAN GREENACRE Z.
17th International Symposium on Econometrics, Operations Research and Statistics, Sivas, Turkey, 2 - 04 June 2016
- XIX. **Akademisyenlerin Çevreye Karşı Olan Tutumlarının Yapısal Eşitlik Modellemesi İncelenmesi**
GAZELOĞLU C., TOPÇU B., YILMAZ M.
9. uluslararası istatistik kongresi, 28 October - 01 November 2015
- XX. **Principal Components Regression and An Application**
DOĞAN İ., KILIÇ İ., SARAÇLI S., GAZELOĞLU C.
4th International Conference on Mathematics Information Science, ZEWAIL, Egypt, 5 - 07 February 2015, pp.74
- XXI. **Examining the Workers' Productivity at Textile Enterprises in Afyonkarahisar City via Structural Equation Modeling**
TOPÇU B., SARAÇLI S., GAZELOĞLU C., TELLİ H., ÖZTEKE R.
9. İstatistik Günleri Sempozyumu, Antalya, Turkey, 10 - 14 May 2014, pp.34
- XXII. **Yapısal Eşitlik Model Analizi: Prehipertansif Bireylerde, Antropometrik Biyokimyasal Ve Ekokardiyografik Parametreler Üzerine Bir Uygulama**
TOPÇU B., SARAÇLI S., ALPSOY Ş., AKYÜZ A., YILMAZ M., GAZELOĞLU C.
8. Uluslararası İstatistik Kongresi, Antalya, Turkey, 27 - 30 October 2013
- XXIII. **Examining the Teacher's Motivation Factors Based on Maslow's Hierarchy of Needs via CHAID Analysis**
GÜLSEVİN G., SARAÇLI S., ÇİÇEK H., ELİBOL N., ÇELİK H. E., GAZELOĞLU C., ERDOĞMUŞ B. C.
8th International Symposium Of Statistics, Eskişehir, Turkey, 11 - 13 October 2012
- XXIV. **Robust Fuzzy Type II Simple Linear Regression Analysis: A Monte Carlo Simulation Study**
GAZELOĞLU C., DOĞAN İ., KILIÇ İ., SARAÇLI S.
8th International Symposium Of Statistics, Eskişehir, Turkey, 11 - 13 October 2012
- XXV. **Yasam Kalitesinin Yapısal Eşitlik Modeli ile Analizi Afyon Kocatepe Üniversitesi Akademisyenleri Üzerine Bir Uygulama**
TOPÇU B., SARAÇLI S., GAZELOĞLU C.
Uluslararası Katılımı XIV. Biyoistatistik Kongresi, 4 - 07 September 2012, pp.43-44
- XXVI. **Varyans Bileşeni Tahmin Yöntemlerine Yönelik Bir Değerlendirme**
DOĞAN İ., KILIÇ İ., GAZELOĞLU C., SARAÇLI S.
Uluslararası Katılımı XIV. Biyoistatistik Kongresi, 4 - 07 September 2012, pp.36
- XXVII. **Doğrusal Olmayan Tip II Regresyon Analizi**
GAZELOĞLU C., SARAÇLI S.
12th International Symposium on Econometrics Statistics and Operations Research, Denizli, Turkey, 26 - 29 May 2011, pp.51
- XXVIII. **Robust Type II Simple Regression**
SARAÇLI S., GAZELOĞLU C., ALTIN YAVUZ A.
New Developments in Theory and Applications of Statistics An International Conference in Memory of Professor Moti Lal Tiku Middle East Technical University, Ankara, Turkey, 2 - 04 May 2011
- XXIX. **Çoklu Tip II Regresyon Analizi**
GAZELOĞLU C., SARAÇLI S.

Uluslararası 7. İstatistik Kongresi, Antalya, Turkey, 28 April - 01 May 2011, pp.58-59

Activities in Scientific Journals

Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, Committee Member, 2019 - Continues

Scientific Refereeing

Anadolu Üniversitesi Bilim ve Teknoloji Dergisi :A-Uygulamalı Bilimler ve Mühendislik, National Scientific Refreed Journal, October 2017