Assoc. Prof. ÖZLEM KAYMAZ

Personal Information

Office Phone: +90 312 212 6720
Email: ozlgullu@ankara.edu.tr
Web: https://avesis.ankara.edu.tr/ozlgullu

International Researcher IDs
ORCID: 0000-0003-1235-8117
Yoksis Researcher ID: 121332

Education Information

Doctorate, Ankara University, Sağlık Bilimleri Enstitüsü, Biyoistatistik (Dr) (Veteriner), Turkey 2009 - 2015
Undergraduate, Gazi University, Fen Fakültesi, İstatistik, Turkey 2002 - 2006

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Vocational Training, Yurtdışı Doktora Sonrası Araştırma Bursu, Leeds Üniversity, 2018
Vocational Training, Eğiticilerin Eğitimi, Ankara Üniversitesi, 2017
Vocational Training, Bilgisayar Destekli Yapısal Eşitlik Modellemesi, Eskişehir Osmangazi Üniversitesi, 2015
Vocational Training, Mixed Models with Medical Applications, Uluslararası Yaz Okulu Kursu (University of Southampton, University of Reading, University of Ege), Ege Üniversitesi, 2013

Dissertations

Doctorate, Kuzularda büyüme örneğinde tahmin modellerinin performanslarının incelenmesi, Ankara University, Sağlık Bilimleri Enstitüsü, Biyoistatistik (Dr) (Veteriner), 2015

Research Areas

Biostatistics and Medical Informatics, Statistical Analysis and Applications

Academic Titles / Tasks

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

Courses

Probability and Statistics, Undergraduate, 2021 - 2022

Probability and Statistics, Undergraduate, 2021 - 2022

Probability and Statistics, Undergraduate, 2021 - 2022

Yönetim Bilgi Sistemleri, Undergraduate, 2020 - 2021

Probability and Statistics, Undergraduate, 2020 - 2021

Klinik Deneylerde İstatistiksel Yöntemler, Undergraduate, 2020 - 2021

FDE 327, Undergraduate, 2020 - 2021

İSTATİSTİK LABORATUVARI I , Undergraduate, 2018 - 2019, 2016 - 2017, 2015 - 2016

İSTATİSTİK LABORATUVARI 2 , Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015

Published journal articles indexed by SCI, SSCI, and AHCI

I. **The adjunctive use of antimicrobial photodynamic therapy, light-emitting-diode photobiomodulation and ozone therapy in regenerative treatment of stage III/IV grade C periodontitis: a randomized controlled clinical trial**
    Cetiner D. O., İŞLER S. Ç., ILIKÇI SAĞKAN R., Sengul J., KAYMAZ Ö., Corekci A. U.
    CLINICAL ORAL INVESTIGATIONS, vol.28, no.8, 2024 (SCI-Expanded)

II. **Impact of peri-implant keratinized mucosa width on the long-term reconstructive outcomes of peri-implantitis: A retrospective analysis with a follow-up up to 10 years**
    İŞLER S. Ç., Soysal F., Tunc S., KAYMAZ Ö., Unsal B., Roccuzzo A.
    Clinical Implant Dentistry and Related Research, vol.26, no.4, pp.819-831, 2024 (SCI-Expanded)

III. **Effect of Disulfide Bonds on the Thermal Stability of Pediocin: In-silico Screening Using Molecular Dynamics Simulation**
    Ünal M. A., Kaymaz Ö., Güneş Altuntaş E., Juneja V. K., Elmalı A.
    Journal of Food Protection, vol.86, no.9, 2023 (SCI-Expanded)

IV. **Prediction of tumour pathological subtype from genomic profile using sparse logistic regression with random effects**
    KAYMAZ Ö., Alqahtani K., Wood H. M., Gusnanto A.
    JOURNAL OF APPLIED STATISTICS, vol.48, no.4, pp.605-622, 2021 (SCI-Expanded)

V. **The Significance of Thiol/Disulfide Homeostasis and Ischemia- modified Albumin Levels in Assessing Oxidative Stress in Obese Children and Adolescents**
    Mengen E., Ucakturk S. A., Kocaay P., KAYMAZ Ö., NEŞELİOĞLU S., EREL Ö.
    JOURNAL OF CLINICAL RESEARCH IN PEDIATRIC ENDOCRINOLOGY, vol.12, no.1, pp.45-54, 2020 (SCI-Expanded)

VI. **The importance of plasma arginine level and its downstream metabolites in diagnosing prostate cancer**
    Selvi I., Basar H., BAYDİLLİ N., Murat K., KAYMAZ Ö.
    INTERNATIONAL UROLOGY AND NEPHROLOGY, vol.51, no.11, pp.1975-1983, 2019 (SCI-Expanded)

VII. **Mycoplasma hominis profile in women: Culture, kit, molecular diagnosis, antimicrobial resistance, and treatment**
    ÖZTÜRK Ş., Yildiz S., DURSUN P., Ilce B. Y., KAYMAZ Ö.
    MICROBIAL PATHOGENESIS, vol.135, 2019 (SCI-Expanded)

VIII. **Comparison of Test Statistics of Nonnormal and Unbalanced Samples for Multivariate Analysis of Variance in terms of Type-I Error Rates**
    Ates C., KAYMAZ Ö., Kale H. E., TEKİNDAL M. A.
    COMPUTATIONAL AND MATHEMATICAL METHODS IN MEDICINE, vol.2019, 2019 (SCI-Expanded)

IX. **An Evaluation of the Relationship Between Peri-implant Soft Tissue Biotype and the Severity of Peri-implantitis: A Cross-Sectional Study**
    İŞLER S. Ç., Uraz A., KAYMAZ Ö., Cetiner D.
    INTERNATIONAL JOURNAL OF ORAL & MAXILLOFACIAL IMPLANTS, vol.34, no.1, pp.187-196, 2019 (SCI-Expanded)

X. **Effect of treatment of hyperuricemia with allopurinol on blood pressure, creatinine clearence, and proteinuria in patients with normal renal functions**
GÜLLÜ Ö., IŞIK M., art c., jack j., KAYMAZ Ö.
Transactions Of The American Mathematical Society, vol.39, no.4, pp.1227-1233, 2018 (SCI-Expanded)

XI. **Assessing the classification performance of the mean platelet volume (MPV) in a cardiovascular risk prediction model**
Gullu Ö., Tekindal M. A., Ates C., EKİCİ B., YAVUZ Y.
Biomedical Research (India), vol.28, no.2, pp.705-710, 2017 (SCI-Expanded)

XII. **Evaluation of expected and perceived of quality of service with the SERVQUAL scale: The case of a private physical therapy and rehabilitation center**
Gullu Ö., TEKİNDAL M., Tekindal M. A., Yazici A. C.
Biomedical Research (India), vol.28, no.2, pp.711-715, 2017 (SCI-Expanded)

XIII. **Comparing the performances of prediction models: A study on growth of lambs Tahmin modellerinin performanslarının değerlendirilmesi: Kuzularda büyüme üzerine bir çalışma**
Gullu Ö., Gurcan I. S.
Ankara Universitesi Veteriner Fakultesi Dergisi, vol.64, no.2, pp.131-136, 2017 (SCI-Expanded)

XIV. **Methodological Comparison of Survival Analysis Methods in Censored Medical Data**
GÜVERCİN A. C. Y., Tekindal M. A., KAYMAZ Ö., GÜVERCİN C. H.
BIOMEDICAL RESEARCH-INDIA, vol.28, no.10, pp.4360-4366, 2017 (SCI-Expanded)

XV. **The modelling of time-series and the evaluation of forecasts for the future: The case of the number of persons per physician in Turkey between 1928 and 2010**
Tekindal M. A., Gullu Ö., Yazici A. C., YAVUZ Y.
Biomedical Research (India), vol.27, no.3, pp.965-971, 2016 (SCI-Expanded)

XVI. **The Cochran-Armitage test to estimate the sample size for trend of proportions for biological data**
Tekindal M. A., Gullu Ö., Yazici A. C., YAVUZ Y.
Turkish Journal of Field Crops, vol.21, no.2, pp.286-297, 2016 (SCI-Expanded)

Articles Published in Other Journals

I. **Robustness of analysis of covariance (ANCOVA) under the distributions assumptions and variance homogeneity**
ATEŞ C., KAYMAZ Ö., TEKİNDAL M. A., DOĞANAY ERDOĞAN B.
Eurasian Journal of Veterinary Sciences, vol.36, no.1, pp.58-65, 2020 (Peer-Reviewed Journal)

II. **Veteriner Hekimlik Alanında Gözlemsel Araştırmaların Rapor Edilmesi:STROBE-VET Kriterlerinin Türkçe Uyarlaması**
BALAK T., GÜNAY F., KAYMAZ Ö., ÇEVRİMLİ M. B., ÖZEN D., TEKİNDAL M. A.
Eurasian Journal of Veterinary Sciences, vol.34, no.4, pp.257-264, 2018 (Peer-Reviewed Journal)

III. **Box-Jenkins ve Winter Üstel Düzgünleştirme Yöntemleriyle Türkiye'deticari yumurta üretiminin modellenmesi ve geleceğe yönelik öngörüsü**
KAYMAZ Ö.
Eurasian Journalof Veterinary Sciences, vol.34, no.3, pp.412-149, 2018 (Peer-Reviewed Journal)

IV. **An evaluation of the psychological life quality of women with disabled children with box behnken experimental design**
TEKİNDAL M., KAYMAZ Ö.
OPUS Uluslararası Toplum Araştırmaları Dergisi, vol.8, no.15, pp.988-1004, 2018 (Peer-Reviewed Journal)

V. **Sample Size for Non-Inferiority Tests for One Proportion: A Simulation Study**
Gullu Ö., TEKİNDAL M. A.
JOURNAL OF MODERN APPLIED STATISTICAL METHODS, vol.17, no.1, 2018 (ESCI)

VI. **Power Analysis and Sample Size Determinationin Log-Rank (Lakatos) Test**
TEKİNDAL M. A., KAYMAZ Ö., ATEŞ C., YAZICI GÜVERCİN A. C.

Biostatistics and Biometrics Open Access Journal, vol.6, no.1, pp.1-4, 2018 (Peer-Reviewed Journal)

VII. **Nomogramlar ile İstatistiksel Modellerin Yaşam Olasılıklarını Belirlemedeki Performanslarının Metot Karşılaştırma Yöntemleri ile Değerlendirilmesi Mesane Kanseri Örneği**
GÜLLÜ Ö., TEKİNDAL M. A., İLKER G., KÖSE S. K., TÜRKÖLMEZ A.
TÜRKİYE KLİNİKLERİ BİYOİSTATİSTİK DERGİSİ, vol.6, no.1, pp.42-52, 2014 (Peer-Reviewed Journal)

Books & Book Chapters

I. **POISSON SIMULATION METHOD: SOFTWARE DEVELOPMENT FORPREDICTING THE NUMBER OF PATIENTS BASED ON CANCER INCIDENCE RATE**
TEKİNDAL M. A., KAYMAZ Ö., ATEŞ C.
in: THE MOST RECENT STUDIES IN SCIENCE AND ART VOLUME 1, PROF. HASAN ARAPGIRLIOGLU, ASSOC. PROF. ATILLA ATIK, PROF. SALIM HIZIROGLU, PROF. ROBERT L. ELLIOTT, DR. DILEK ATIK, Editor, Gece Publishing, pp.1029-1041, 2018

II. **LOGARITHMIC LINEAR MODELS IN THE ANALYSIS OF MULTIDIMENSIONAL CONTINGENCY TABLES**
KAYMAZ Ö., TEKİNDAL M. A., ATEŞ C.
in: THE MOST RECENT STUDIES IN SCIENCE AND ART VOLUME 2, HASAN ARAPGIRLIOGLU, ATİLLA ATIK,SALİM HIZIROGLU, ROBERTL ELLIOTT, DiLEK ATIK, Editor, Gece Publishing, pp.1278-1291, 2018

Refereed Congress / Symposium Publications in Proceedings

I. **COMPARING MACHINE LEARNING METHODS FORCOVID-19 FOOD SUPPLY QUANTITATIVE DATA**
Kaymaz Ö., Doğru F. Z.
The 17th International Days of Statistics and Economics, Praha, Czech Republic, 7 - 09 September 2023, pp.276-285

II. **Comparing of Shrinkage Methods and Application on High-Dimensional Data Set**
KAYMAZ Ö.
International Eurasian Conference onScience, Engineering and Technology, 22 - 23 November 2018

III. **Generalized Linear Model with Hierarchical Likelihood for Sparse Estimation**
KAYMAZ Ö., WOOD H., GUSNANTO A.
11.INTERNATIONAL STATISTICS DAYS CONFERENCE, 3 - 07 October 2018

IV. **Improving The Reporting of Observational Studies in Veterinary Research: Turkish adaptation of STROBE-VET criteria**
BALAK T., GÜNAY F., KAYMAZ Ö., ÇEVRİMLİ M. B., ÖZEN D., TEKİNDAL M. A.
4TH INTERNATIONAL CONGRESS ON VETERINARY AND ANIMAL SCIENCES, Nevşehir, Turkey, 12 - 15 July 2018, pp.71

V. **A STUDY ON THE DETERMINATIONOF MYCOPLASMA HOMINIS PROFILEWITH DIFFERENT METHODS IN SEXUALLYACTIVE WOMEN, ANTIMICROBIALRESISTANCE AND TREATMENT**
ÖZTÜRK Ş., YILDIZ S., Polat D., YENER İLÇE B., KAYMAZ Ö.
12th International Symposium on Pharmaceutical Science, 26 - 29 June 2018

VI. **Robustness Of Analysis Of Covariances (Ancova) Under Of Distributions Assumptions And Variance Homogeneity**
TEKİNDAL M. A., KAYMAZ Ö., ATEŞ C., DOĞANAY ERDOĞAN B.
4th International Researchers, Statisticians And Young Statisticians Congress, İzmir-Çeşme, Turkey, 28 - 30 April 2018

VII. **Comparison of Test Statistics of Non-Normal and Unbalanced Sampling for Type I Error Rates for Multivariate Analysis of Variance**
TEKİNDAL M. A., KAYMAZ Ö., Kale E. H., ATEŞ C.
XIX. Ulusal ve II. Uluslararası Biyoistatistik Kongresi, Belek-ANTALYA, Turkey, 25 - 28 October 2017

VIII. **DECISION-CURVE ANALYSIS ASSESSING THE NET BENEFIT OF PREDICTION MODEL**
KAYMAZ Ö., BOZKURT S., YAVUZ Y.
Applied Statistics 2017, 24 - 27 September 2017

IX. **Investigation of factors causing formation of kidney stones via structural equation modeling**
GÜNAY F., GÜLLÜ Ö., ARSLAN M. S. T.
3rd International Researchers, Statisticians and Young Statisticians Congress, 24 May - 26 December 2017

X. **SAMPLE SIZE FOR NON INFERIORITY TESTS FOR ONE PROPORTION A SIMULATION STUDY**
GÜLLÜ Ö., TEKİNDAL M. A.
2nd International Researchers-Statisticiansand Young StatisticiansCongress, 4 - 08 May 2016

XI. **LOG-RANK (LAKATOS) TESTİ İÇİN ÖRNEKLEM GENİŞLİĞİ: BENZETİM ÇALIŞMASI**
TEKİNDAL M. A., KAYMAZ Ö., YAZICI GÜVERCİN A. C., ATEŞ C.
XVII.Ulusal Biyoistatistik Kongresi, Turkey, 5 - 09 November 2015

XII. **Comparision of the common used growth models on the pekin ducks**
GÜRCAN İ. S., AMBARCIOĞLU K. P., KAYA U., ÖZEN D., GÜLLÜ Ö.
The 8th Conference of Eastern Mediterranean Region International Biometric Society, Turkey, 11 - 15 May 2015

XIII. **Evaluating the İmprovement of Model Performance with the Addition of Mean Platelet Volume Marker in a Cardiovascular Risk Prediction Model**
GÜLLÜ Ö., ATEŞ C., TEKİNDAL M. A., DOĞANAY ERDOĞAN B., YAVUZ Y., GÜRCAN İ. S., EKİCİ B.
The 8th Conference of Eastern Mediterranean Region of the International Biometric Society, Nevşehir, Turkey, 11 - 15 May 2015

XIV. **Evaluating Right Censored Data Through Substitution Parametric Semi Parametric and Nonparametric Methods A Simulation Study**
TEKİNDAL M. A., YAZICI A. C., GÜLLÜ Ö., DOĞANAY ERDOĞAN B., YAVUZ Y., ÖĞÜŞ E.
The 8th Conference of Eastern Mediterranean Region of the International Biometric Society, Nevşehir, Turkey, 11 - 15 May 2015

XV. **Sağdan Sansürlü Verilerin Parametrik, Yarı Parametrik Ve Parametrik Olmayan Yöntemlerle Değerlendirilmesi**
TEKİNDAL M. A., KAYMAZ Ö., YAZICI GÜVERCİN A. C., KÖSE S. K., DOĞANAY ERDOĞAN B., ATEŞ C., YAVUZ Y., TEKİNDAL M.
XVI. Ulusal Biyoistatistik Kongresi, Turkey, 10 - 12 September 2014

XVI. **Modele Eklenen Yeni Bir Tahmin Edicinin Model Performansına Katkısının Değerlendirilmesi Kardiyovasküler Risk Tahmin Modeline İlişkin Bir Uygulama**
GÜLLÜ Ö., Ateş C., TEKİNDAL M. A., DOĞANAY ERDOĞAN B., YAVUZ Y., GÜRCAN İ. S., Ekici B.
Uluslararası Katılımlı 15. Ulusal Biyoistatistik Kongresi, Aydın, Turkey, 20 - 23 August 2013

XVII. **Box Behnken Deneme Düzeni İle Engelli Çocuğa Sahip Annelerin Ruhsal Alan Yaşam Kalitesinin Değerlendirilmesi**
TEKİNDAL M. A., Tunç M., YAZICI A. C., KÖSE S. K., GÜLLÜ Ö., Ateş C., DOĞANAY ERDOĞAN B.
Uluslararası Katılımlı 15. Ulusal Biyoistatistik Kongresi, Aydın, Turkey, 20 - 23 August 2013

XVIII. **Tahmin Modellerinin Performanslarının Degerlendirilmesi**
GÜLLÜ Ö., TEKİNDAL M. A., ÖZEN D., GÜRCAN İ. S., YAVUZ Y.
Uluslararası Katılımlı XIV. Ulusal Biyoistatistik Kongresi, Turkey, 4 - 07 September 2012

XIX. **Hayvancılıkta verimli yaşam süresi hesaplamalarında Frailty modellerin uygulanabilirliği**
ÖZEN D., GÜRCAN İ. S., GÜLLÜ Ö.
XIV. Ulusal Biyoistatistik Kongresi (Uluslar arası Katılımlı), Turkey, 4 - 07 September 2012

XX. **İneklerde Eko Yapı Değişkenler Kullanılarak Kornik Endometritis Derecelerinin ROC Eğirisi Yöntemi ile Belirlenmesi**
GÜRCAN İ. S., BABAK A., ÖZEN D., YAMAÇ A., GÜLLÜ Ö.
Uluslararası Katılımlı XIV. Ulusal Biyoistatistik Kongresi, Turkey, 4 - 07 September 2012

XXI. **Nomogramlar ve Matematiksel Modelleme Arasındaki Uyumun Metot Karşılaştırma Yöntemleri ile Değerlendirilmesi Mesane Kanseri Örneği**
GÜLLÜ Ö., TEKİNDAL M. A., GÖKÇE İ., KÖSE S. K., TÜRKÖLMEZ A.

XIII. Ulusal Biyoistatistik Kongresi, Turkey, 12 - 14 January 2011

XXII. **Tekrarlı başarısızlık durumlarında orantılı riskler tipi model yaklaşımları**

ÖZEN D., GÜRCAN İ. S., KÖSE S. K., GÜLLÜ Ö.

XIII. Ulusal Biyoistatistik Kongresi, Turkey, 12 - 14 September 2011

Metrics

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