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Publons / Web Of Science ResearcherID: S-5379-2016
Yoksis Researcher ID: 123630

Education Information

Doctorate, Hacettepe University, Sağlık Bilimleri Enstitüsü, Biyoistatistik A.B.D., Turkey 2014 - 2019
Postgraduate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, İstatistik Bölümü,
Turkey 2012 - 2015
Undergraduate, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Statistics, Turkey 2008 -
2012

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Binary Classification via GMDH-Type Neural Network Algorithm, Hacettepe University, Tıp Fakültesi (Türkçe),
Temel Tıp Bilimleri Bölümü, 2019
Postgraduate, GMDH-TYPE NEURAL NETWORK ALGORITHMS FOR SHORT TERM FORECASTING, Orta Doğu Teknik
Üniversitesi, Fen-Edebiyat Fakültesi, Analitik Kimya A.B.D., 2015

Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Biostatistics and Medical Informatics

Academic Titles / Tasks

Assistant Professor, Hacettepe University, Tıp Fakültesi (Türkçe), Basic Sciences Division, 2020 - Continues
Research Assistant, Hacettepe University, Tıp Fakültesi (Türkçe), BASIC SCIENCES DIVISION, 2014 - 2020
Research Assistant, Middle East Technical University, Graduate School Of Natural And Applied Sciences, 2013 - 2014

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Cystic fibrosis related bone disease in children: Can it be predicted?**
Nayir Buyuksahin H., DOĞRU ERSÖZ D., GÖZMEN O., Ozon A., Portakal O., EMİRALİOĞLU ORDUKAYA N., HALİLOĞLU M., Kılıç K., VARDAR YAĞLI N., Yıldırım D., et al.
Clinical Nutrition, vol.42, no.9, pp.1631-1636, 2023 (SCI-Expanded)

II. **Two approaches to extend classical MANOVA tests to the unequal covariances case**
Weerahandi S., Ananda M. M. A., DAĞ O.
Hacettepe Journal of Mathematics and Statistics, vol.52, no.4, pp.1066-1081, 2023 (SCI-Expanded)

III. **Epidemiology and risk factors of 28-day mortality of hospital-acquired bloodstream infection in Turkish intensive care units: a prospective observational cohort study**
ASLAN A. T., Tabah A., KÖYLÜ B., Kalem A. K., AKSOY F., Erol Ç., KARAALİ R., TUNAY B., Guzeldağ S., Batirel A., et al.
The Journal of antimicrobial chemotherapy, vol.78, no.7, pp.1757-1768, 2023 (SCI-Expanded)

IV. **Development of the Inclination Toward Conscientious Objection Scale for Physicians**
KELEŞ Ş., DAĞ O., Aksu M., GÜLPINAR G., Yalım N. Y.
Health Care Analysis, vol.31, no.2, pp.81-98, 2023 (SSCI)

V. **Cytoplasmic WT1 in IgA nephropathy, an indicator of poor prognosis associated with mesangial/peri-mesangial C4d**
TAŞAR KAPAKLI G. E., ÜZERK KİBAR M., Dag O., Erdem Y., BAYDAR D., Saglam A.
INTERNATIONAL UROLOGY AND NEPHROLOGY, vol.55, no.3, pp.661-669, 2023 (SCI-Expanded)

VI. **Validity, Reliability, and Factorial Structure of the Turkish Version of the Patient-Reported Outcomes in Obesity Questionnaire**
DEMİRCİOĞLU A., ÖZKAL Ö., DAĞ O.
BARIATRIC SURGICAL PRACTICE AND PATIENT CARE, vol.18, pp.49-55, 2023 (SCI-Expanded)

VII. **Heteroscedastic two-way ANOVA under constraints**
Ananda M. M. A., DAĞ O., Weerahandi S.
COMMUNICATIONS IN STATISTICS-THEORY AND METHODS, vol.52, no.22, pp.8207-8222, 2023 (SCI-Expanded)

VIII. **Do Children with Attention Deficit and Hyperactivity Disorder Present with Different Spatio-Temporal Gait Parameters? An Evaluation of the Relationship Between Gait and Gross Motor Skills**
DEMİRCİOĞLU A., ATASAVUN UYSAL S., Sanli-Dumankaya B. B., KIRDI E., ÇAK H. T., DAG O., TOPUZ S.
Alpha psychiatry (Online), vol.24, no.1, pp.1-7, 2023 (SCI-Expanded)

IX. **GeneSelectML: a comprehensive way of gene selection for RNA-Seq data via machine learning algorithms.**
Dag O., Kasikci M., Ilk O., Yesiltepe M.
Medical & biological engineering & computing, vol.61, no.1, pp.229-241, 2023 (SCI-Expanded)

X. **Hepatitis E Virus Prevalence and Associated Risk Factors in High-Risk Groups: A Cross-Sectional Study**
BALABAN H. Y., ASLAN A. T., AKDOĞAN KITTANA F. N., ALP A., DAĞ O., AYAR Ş. N., Vahabov C., ŞİMŞEK C., YILDIRIM T., GÖKER H., et al.
TURKISH JOURNAL OF GASTROENTEROLOGY, vol.33, no.7, pp.615-624, 2022 (SCI-Expanded)

XI. **Multiple Factors Affecting Health-Related Quality of Life in Women With Chronic Multisite Musculoskeletal Pain: A Cross-Sectional Study in Ankara, Turkey**
DEMİRCİOĞLU A., ÖZKAL Ö., DAĞ O.
EVALUATION & THE HEALTH PROFESSIONS, vol.45, no.2, pp.115-125, 2022 (SCI-Expanded)

XII. **Comparison of teicoplanin versus vancomycin in combination with piperacillin-tazobactam or meropenem for the risk of acute kidney injury**
ASLAN A. T., Pashayev T., DAĞ O., AKOVA M.
EUROPEAN JOURNAL OF CLINICAL MICROBIOLOGY & INFECTIOUS DISEASES, vol.40, no.9, pp.1953-1961, 2021 (SCI-Expanded)

XIII. **The effects of stroboscopic balance training on cortical activities in athletes with chronic ankle instability**
UZLAŞIR S., ÖZDIRAZ K., DAĞ O., BAYRAKCI TUNAY V.

PHYSICAL THERAPY IN SPORT, vol.50, pp.50-58, 2021 (SCI-Expanded)

XIV. **Retrospective Evaluation of Hepatitis C Awareness in Turkey Through Two Decades**
BALABAN H. Y., DAĞ O., Alp A., Tseveldorj N., Vahabov C., GÖKTAŞ M. A., PÜRNAK T., Hascelik G., DEMİR H., SİVRİ B., et al.
TURKISH JOURNAL OF GASTROENTEROLOGY, vol.32, no.1, pp.88-96, 2021 (SCI-Expanded)

XV. **ELEVATED TROPONIN I TREND IS ASSOCIATED WITH POOR PROGNOSIS IN CRITICAL COVID-19 PATIENTS**
Gokcinar D., Lafci A., DAĞ O., Turan I. O., Yamanel H. L.
ACTA MEDICA MEDITERRANEA, vol.37, no.1, pp.409-413, 2021 (SCI-Expanded)

XVI. **The Effects of Maxillary Movements on Nasal Aesthetics Following Orthognathic Surgery**
Ustun G. G., KONAŞ E., EL H., Guven B. A., DAĞ O., Kamburoglu H., MAVİLİ M. E.
JOURNAL OF CRANIOFACIAL SURGERY, vol.31, no.3, pp.796-800, 2020 (SCI-Expanded)

XVII. **Diverse classifiers ensemble based on GMDH-type neural network algorithm for binary classification**
DAĞ O., KAŞIKCI M., KARABULUT E., Alpar R.
COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, 2019 (SCI-Expanded)

XVIII. **Major Structural Airway Pathologies of Patient Complaining Nasal Obstruction: Analysis of Frequency, Preoperative Complaints and Benefit from Surgery**
Ustun G. G., Ozturk S., Gursoy K., Ergun E., DAĞ O., Kocer U.
JOURNAL OF CRANIOFACIAL SURGERY, vol.30, no.5, pp.1479-1483, 2019 (SCI-Expanded)

XIX. **COMPARISON OF EFFECTS OF SEVOFLURANE AND DESFLURANE ON PERIOPERATIVE ORGAN FUNCTIONS AND CARDIAC SURGERY SCORES (CASUS) IN PATIENTS UNDERGOING OPEN HEART SURGERY**
Lafci A., Gokcinar D., DAĞ O., Gogus N.
ACTA MEDICA MEDITERRANEA, vol.35, no.2, pp.751-756, 2019 (SCI-Expanded)

XX. **GMDH2: Binary Classification via GMDH-Type Neural Network Algorithms-R Package and Web-Based Tool**
DAĞ O., KARABULUT E., Alpar R.
INTERNATIONAL JOURNAL OF COMPUTATIONAL INTELLIGENCE SYSTEMS, vol.12, no.2, pp.649-660, 2019 (SCI-Expanded)

XXI. **THE PROGNOSTIC VALUE OF LYMPHOPENIA IN ADULT INTENSIVE CARE PATIENTS IN CRITICAL CONDITION**
Sucu M. G., Gokcinar D., Lafci A., Dag O., Turan I. O., Gogus N.
ACTA MEDICA MEDITERRANEA, vol.35, no.3, pp.1359-1365, 2019 (SCI-Expanded)

XXII. **onewaytests: An R Package for One-Way Tests in Independent Groups Designs**
DAĞ O., Dolgun A., Konar N. M.
R JOURNAL, vol.10, no.1, pp.175-199, 2018 (SCI-Expanded)

XXIII. **Estimating Box-Cox power transformation parameter via goodness-of-fit tests**
Asar O., Ilk O., DAĞ O.
COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, vol.46, no.1, pp.91-105, 2017 (SCI-Expanded)

XXIV. **ADDITION OF FENTANYL TO LEVOBUPIVACAINE DECREASES POSTOPERATIVE PAIN DURING ARTHROSCOPIC SHOULDER SURGERY UNDER INTERSCALENE BRACHIAL PLEXUS BLOCK**
Lafci A., Gokcinar D., Ornek D., Yilmaz S., Dikmen B., Un C., Kilci O., DAĞ O.
ACTA MEDICA MEDITERRANEA, vol.33, no.5, pp.827-831, 2017 (SCI-Expanded)

XXV. **An algorithm for estimating Box-Cox transformation parameter in ANOVA**
DAĞ O., Ilk O.
COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, vol.46, no.8, pp.6424-6435, 2017 (SCI-Expanded)

XXVI. **GMDH: An R Package for Short Term Forecasting via GMDH-Type Neural Network Algorithms**
DAĞ O., YOZGATLIGİL C.
R JOURNAL, vol.8, no.1, pp.379-386, 2016 (SCI-Expanded)

XXVII. **Comparison of thiol/disulphide homeostasis parameters in patients with COPD, asthma and ACOS**
Babaoglu E., KILIC H., HEZER H., DAĞ O., PARLAK E., SENTURK A., Karalezli A., Alisik M., Erel O., Hasanoglu H. C.
EUROPEAN REVIEW FOR MEDICAL AND PHARMACOLOGICAL SCIENCES, vol.20, no.8, pp.1537-1543, 2016 (SCI-Expanded)

XXVIII. **A Methodology to Implement Box-Cox Transformation When No Covariate is Available**
Dag O., Asar O., Ilk O.
COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, vol.43, no.7, pp.1740-1759, 2014 (SCI-Expanded)

Articles Published in Other Journals

I. **The Effects of Stroboscopic Training in Athletes With Chronic Ankle Instability**
Uzlaşır S., HARPUT G., DAĞ O., Tunay V. B.
International Journal of Athletic Therapy and Training, vol.29, no.1, pp.33-37, 2024 (ESCI)

II. **Determination of the Influence of Peripheral Neuropathy Symptoms on Quality of Life in Breast Cancer Patients: A Cross-Sectional Study with Four Follow-Ups**
KURT B., SİPAHİ KARSLI Z., ÖKSÜZOĞLU Ö., ÖZTÜRK E., DEMİRÖRS N., DAG O.
Florence Nightingale journal of nursing (Online), vol.31, no.2, pp.75-81, 2023 (ESCI)

III. **Relationship Between Physical Activity Levels of the Secondary School Students and Their Safe Environment, Playing Conditions and Media Usage**
Güneş B., Alkan I., BORA GÜNEŞ N., Toprak Keskin M., DAĞ O.
Hacettepe Egitim Dergisi, vol.38, no.1, pp.27-38, 2023 (Scopus)

IV. **Identifying surgery and anesthesia - related anxiety in patients undergoing colorectal cancer surgery**
LAFÇI A., GÖKÇINAR D., DAĞ O.
International Journal of Anesthesiology Research, vol.6, pp.550-554, 2018 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. **Proceedings of the World Congress of Gastroenterology**
BALABAN H. Y., ASLAN A. T., AKDOĞAN KİTTANA F. N., ALP A., DAĞ O., AYAR Ş. N., MUSTAYEV F., Vahabov C., YILDIRIM T., GÖKER H., et al.
World Congress of Gastroenterology, İstanbul, Turkey, 21 September 2019, vol.30, pp.729

II. **Le Fort I Osteotomi Sonrası Maksilla Hareketlerinin Burun Görünümü Üzerine Etkileri**
ÜSTÜN G. G., KONAŞ E., EL H., AKARSU GÜVEN B., DAĞ O., KAMBUROĞLU H. O., MAVİLİ M. E.
Türk Plastik Rekonstrüktif ve Estetik Cerrahi Derneği 40. Ulusal Kurultayı, Turkey, 17 - 21 October 2018

III. **Hepatitis C Awareness Survey: Retrospective Evaluation of HCV Tests between 2000-2017**
Balaban Y. H., DAĞ O., Alp A., PÜRNAK T., GÖKTAŞ M. A., Tseveldor N., DEMİR H., Koklu H., Vahabov C., SİVRİ B., et al.
Annual Meeting of the American-Association-for-the-Study-of-Liver-Diseases (AASLD) / Liver Meeting, San-Francisco, Costa Rica, 9 - 13 November 2018, vol.68

IV. **PRELIMINARY NORMATIVE DATA OF ULTRASONOGRAPHIC MUSCLE THICKNESS AND CROSS-SECTIONAL AREA OF THE THENAR MUSCLES**
Karademir F., AYHAN Ç., Arin G., DAĞ O., Soylu R.
Congress of the European-League-Against-Rheumatism (EULAR), Amsterdam, Netherlands, 13 - 16 June 2018, vol.77, pp.1837

V. **One-Way Tests in Independent Groups Designs: the onewaytests Web Interface**
DAĞ O., DOLGUN N. A., KONAR N. M.
2nd International Biostatistics Congress, 25 - 28 October 2017

VI. **Kohonen Öz Örgütlemeli Haritalama Yöntemi İle Psikotik Hastalıkların Kümelenmesi**

BOZER A., DAĞ O., KARAHAN S.

2nd International Biostatistics Congress, 25 - 28 October 2017

VII. **Asymmetric Confidence Interval with Box-Cox Transformation in R**

DAĞ O., İLK Ö.

10th International Statistics Congress, 6 - 08 December 2017

VIII. **Box-Cox Transformation for Linear Models via Goodness-of-Fit Tests in R**

DAĞ O., İLK Ö.

10th International Statistics Congress, 6 - 08 December 2017

IX. **Açık kalp cerrahisi geçiren hastalarda sevofluran ve desfluranın perioperatif organ fonksiyonları ve CASUS üzerine etkilerinin karşılaştırılması**

LAFÇI A., GÖKÇINAR D., DAĞ O., GÖĞÜŞ N.

51.Ulusal Anesteziyoloji ve Reanimasyon Kongresi, Turkey, 25 - 29 October 2017

X. **GMDH: An R Package for Short Term Forecasting Via GMDH Type Neural Network Algorithms**

DAĞ O., YOZGATLIGİL C.

1st International Biostatistics Congress, 26 - 29 October 2016

XI. **onewaytests Tek Yönlü Bağımsız Grup Tasarımı için Bir R Paketi**

KONAR N. M., DAĞ O., DOLGUN N. A.

17. Ulusal Biyoistatistik Kongresi, Turkey, 5 - 09 November 2015

XII. **Semi-parametric Estimation of Count Time Series**

Ghahramani M., Dag O., de Leon A. R.

1st International Work-Conference on Time Series (ITISE), Granada, Nicaragua, 25 - 27 June 2014, pp.81-86

Supported Projects

PINAR A., Polat M. B., ELİBOL B., SÖKMENSÜER C., KARÇAALTINCABA M., BALABAN H. Y., İSRAFİLOV S., YALÇIN ÇAKMAKLI G., DAĞ O., İDİLMAN İ. S., et al., Project Supported by Higher Education Institutions, Wilson Hastalığında Bazı Prostaglandin Izoprostanoid ve Oksilipin Türlerinin LCMSMS Yöntemi ile Degerlendirilmesi, 2021 - Continues

DAĞ O., KAŞIKCI M., İLK DAĞ Ö., YEŞİLTEPE M., Project Supported by Higher Education Institutions, Gen Seçimi için Makine Öğrenmesi Algoritmalarının Karşılaştırılması ve Yeni Bir Web Tabanlı Yazılım Geliştirilmesi: Alzheimer Hastalığı Üzerine Bir Uygulama, 2020 - 2024

DOĞRU ERSÖZ D., Yıldırım D., Nayır Büyükşahin H., Güzelkaş İ., Gözmen O., HALİLOĞLU M., KİPER E. N., ÖZÇELİK H. U., YALÇIN E. E., EMİRALİOĞLU N., et al., Project Supported by Higher Education Institutions, Kistik fibrozis hastalığı olan çocuk ve adölesanlarda serum osteokalsin osteoprotegerin ve RANKL düzeylerinin değerlendirilmesi, 2022 - 2023

BALABAN H. Y., KARÇAALTINCABA M., İDİLMAN İ. S., PINAR A., SÖKMENSÜER C., DAĞ O., YALÇIN ÇAKMAKLI G., DURUKAN B. M., LEBLEBİCİ C. B., ŞAHİN T., Project Supported by Higher Education Institutions, Wilson Hastalarında Serum Değişken ve Göreceli Değişken Bakır Düzeylerinin Klinik Parametreler ve Multiparametrik Karaciğer MRI Bulgularıyla Karşılaştırılması, 2021 - 2022

BALABAN H. Y., ŞAHİN T., Huseyinova S., AKSOY Y., COŞKUN T., KARÇAALTINCABA M., NEMUTLU E., DAĞ O., KIZIL M., Project Supported by Higher Education Institutions, NAFLD Hastalarında Karaciğer Hastalığının Evresi ile Serum Dallı Zincirli Amino asitler ve Fruktoz Düzeyi Arasındaki İlişkinin İncelenmesi, 2020 - 2022

AKOVA M., DAĞ O., SANCAK B., SAİN GÜVEN G., ASLAN A. T., Project Supported by Higher Education Institutions, Karbapenem Dirençli Klebsiella Pneumoniae Bakteremisi Olan Hastalarda Mortalite Riskini Artıran Faktörlerinin Belirlenmesi ve Kullanılan Antibiyotik Tedavilerinin Mortalite ve Klinik Başarı Üzerine Etkilerinin Araştırılması, 2020 - 2022

Aydin S., Dağ O., Project Supported by Higher Education Institutions, Developing Connectivity Model from Neuroelectrical Brain Activities based on Graph Theory (Çizgi Kuramı Ağlarıyla NöroElektriksel Beyin Aktivitelerinden Bağlantısallık Modeline Geçiş), 2020 - 2021

BALABAN H. Y., ALP A., HASÇELİK A. G., PÜRNAK T., ERGÜNAY K., DAĞ O., VAHABOV C., ASLAN A. T., ŞİMŞEK H., BÜYÜKAŞIK Y., et al., Project Supported by Higher Education Institutions, Yüksek Riskli Hasta Gruplarında Kronik Hepatit C Akut Hepatit Hematopoietik Kök Hücre Nakli Böbrek Nakli Hepatit E Virüsünün Taranması ve Genotiplendirilmesi,

2019 - 2021
ALPAR C. R., KARABULUT E., DAĞ O., Project Supported by Higher Education Institutions, İkili Sınıflandırma için GMDH Tipinde Sinir Ağı Algoritması ile Farklı Sınıflandırıcıların Birleştirilmesi, 2018 - 2019

Metrics

Publication: 47
Citation (WoS): 70
Citation (Scopus): 347
H-Index (WoS): 5
H-Index (Scopus): 8

Non Academic Experience

NeoAnka Bilgi Teknolojileri Eğitim ve Danışmanlık Hizmetleri Ltd. Şti.