

Asst. Prof. OSMAN DAĞ

Personal Information

Office Phone: [+90 312 305 1467](tel:+903123051467)

Fax Phone: [+90 312 305 1459](tel:+903123051459)

Email: osman.dag@hacettepe.edu.tr

Web: <http://yunus.hacettepe.edu.tr/~osman.dag/index.html>

Address: Hacettepe Üniversitesi Tıp Fakültesi Biyoistatistik A.D.

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, Department of Statistics, Turkey 2012 - 2015

Undergraduate, Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, İstatistik Bölümü, 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

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

- 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, 2021 (Journal Indexed in SCI)

- II. **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 (Journal Indexed in SCI)
- III. **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, 2021 (Journal Indexed in SCI)
- IV. **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 (Journal Indexed in SCI)
- V. **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 (Journal Indexed in SCI)
- VI. **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 (Journal Indexed in SCI)
- VII. **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 (Journal Indexed in SCI)
- VIII. **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 (Journal Indexed in SCI)
- IX. **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 (Journal Indexed in SCI)
- X. **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 (Journal Indexed in SCI)
- XI. **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 (Journal Indexed in SCI)
- XII. **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 (Journal Indexed in SCI)
- XIII. **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 (Journal Indexed in SCI)
- XIV. **An algorithm for estimating Box-Cox transformation parameter in ANOVA**
 DAĞ O., İlç O.
 COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, vol.46, no.8, pp.6424-6435, 2017 (Journal Indexed in SCI)

- XV. **Estimating Box-Cox power transformation parameter via goodness-of-fit tests**
Asar O., İlk O., DAĞ O.
COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, vol.46, no.1, pp.91-105, 2017 (Journal Indexed in SCI)
- XVI. **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 (Journal Indexed in SCI)
- XVII. **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
(Journal Indexed in SCI)
- XVIII. **A Methodology to Implement Box-Cox Transformation When No Covariate is Available**
Dag O., Asar O., İlk O.
COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, vol.43, no.7, pp.1740-1759, 2014 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **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 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- I. **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
- II. **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., SIVRİ 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
- III. **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
- IV. **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
- V. **Kohonen Öz Örgütlemeli Haritalama Yöntemi İle Psikotik Hastalıkların Kümelmesi**
BOZER A., DAĞ O., KARAHAN S.
2nd International Biostatistics Congress, 25 - 28 October 2017
- VI. **Asymmetric Confidence Interval with Box-Cox Transformation in R**
DAĞ O., İLK Ö.
10th International Statistics Congress, 6 - 08 December 2017
- VII. **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

VIII. **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

IX. **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

X. **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

XI. **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

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 - Continues

AKOVA M., HAZIROLAN G., DAĞ O., KÖYLÜ B., ASLAN A. T. , Project Supported by Higher Education Institutions, Karbapenem Dirençli-Kolistin Dirençli Klebsiella pneumoniae ile Kan Akımı İnfeksiyonu Olan Hastaların Karbapenem Dirençli-Kolistin Duyarlı Klebsiella pneumoniae ile Kan Akımı İnfeksiyonu Olan Hastalarla 30 Günlük Kaba Mortalite Oranları Açısından Karşılaştırılması, 2020 - 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 - Continues

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 Bağlantsallık 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 Hematopoitik 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

Citations

Total Citations (WOS):67

h-index (WOS):5