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Education Information

Doctorate, Hacettepe University, Tıp Fakültesi (Türkçe), Temel Tıp Bilimleri Bölümü, Turkey 2019 - Continues
Postgraduate, Hacettepe University, Tıp Fakültesi (Türkçe), Temel Tıp Bilimleri Bölümü, Turkey 2016 - 2019
Undergraduate, Hacettepe University, Fen Bilimleri Enstitüsü, İstatistik A.B.D., Turkey 2012 - 2016

Dissertations

Postgraduate, Transkriptom Veri Seti Üzerinde Derin Öğrenme Yöntemi İle Klasik Veri Madenciliği Yöntemlerinin Sınıflama Performanslarının Karşılaştırılması, Hacettepe University, Tıp Fakültesi (Türkçe), Temel Tıp Bilimleri Bölümü, 2019

Research Areas

Statistics

Academic Titles / Tasks

Research Assistant, Hacettepe University, Sağlık Bilimleri Enstitüsü, Biyoistatistik A.B.D., 2018 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Acute Effect of Kinesiology Taping on Muscle Activation, Functionality and Proprioception in Patients With Knee Osteoarthritis: A Randomized Controlled Trial**
Ataş A., Abit Kocaman A., Karaca Ş. B., KAŞIKCI ÇAVDAR M.
Perceptual and Motor Skills, vol.131, no.2, pp.446-468, 2024 (SSCI)

II. **The airway microbiota in siblings with primary ciliary dyskinesia: Related factors and correlation with clinical characteristics.**
Ademhan Tural D., Kasikci M., Eryilmaz Polat S., Ozsezen B., Hizal M., Sunman B., Nayir Büyüksahin H., Guzelkas I., Altay O., Dolgun T. Y., et al.
Pediatric pulmonology, vol.59, no.3, pp.695-706, 2024 (SCI-Expanded)

III. **Galectin-3 levels in children with cystic fibrosis**

Ademhan Tural D., EMİRALİOĞLU ORDUKAYA N., AKIN Ş., Alboga D., Ozsezen B., Nayir Buyuksahin H., GÜZELKAŞ İ., Kasikci M., SUNMAN B., GÜNGÖR İ., et al.
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IV. **Validity and reliability of the MetabQoL 1.0 and assessment of neuropsychiatric burden in organic acidemias: Reflections from Turkey**
Ersak A. Ş., Çak H. T., YILDIZ Y., Çavdar M., Tunç S., ÖZER N., Zeltner N. A., Huemer M., TOKATLI A., Haliloğlu G.
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V. **Development and validation of machine learning-based clinical decision support tool for identifying malnutrition in NICU patients**
Yalçın N., Kaşıkcı M., Çelik H. T., Demirkan K., Yiğit Ş., Yurdakök M.
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VI. **Segmental hair metabolomics analysis in pregnant women with pregnancy complications**
Najafova T., Dagdeviren G., Kasikci M., Sahin D., Yucel A., Ozyuncu O., Gürler M.
Metabolomics : Official journal of the Metabolomic Society, vol.19, no.5, pp.45, 2023 (SCI-Expanded)

VII. **Impact of clinical pharmacist-led intervention for drug-related problems in neonatal intensive care unit a randomized controlled trial**
Yalçın N., Kaşıkcı M., Çelik H. T., Allegaert K., Demirkan K., Yiğit Ş.
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VIII. **Development and validation of a machine learning-based detection system to improve precision screening for medication errors in the neonatal intensive care unit**
Yalcin N., Kasikci M., Celik H. T., Allegaert K., Demirkan K., Yigit Ş., Yurdakok M.
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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. **A new instrument to assess physical function in stroke patients: the Dubousset function test and its validity, reliability, responsiveness**
Bozkurt Y. E., Abit Kocaman A., KAŞIKCI ÇAVDAR M., Keskin E. D.
Neurological Research, vol.45, no.12, pp.1127-1135, 2023 (SCI-Expanded)

XI. **An Artificial Intelligence Approach to Support Detection of Neonatal Adverse Drug Reactions Based on Severity and Probability Scores: A New Risk Score as Web-Tool**
Yalçın N., Kaşıkcı M., Çelik H. T., Allegaert K., Demirkan K., Yiğit Ş., Yurdakök M.
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XII. **Can expected pCO2 be calculated by pCO2=HCO3+15 formula in central venous blood gas samples?**
Yuksel M. E., Izdes S., Aydar I., Kasikci M.
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XIII. **Novel Method for Early Prediction of Clinically Significant Drug–Drug Interactions with a Machine Learning Algorithm Based on Risk Matrix Analysis in the NICU**
Yalçın N., Kaşıkcı Çavdar M., Çelik H. T., Allegaert K., Demirkan K., Yiğit Ş., Yurdakök M.
JOURNAL OF CLINICAL MEDICINE, vol.11, no.16, pp.1-13, 2022 (SCI-Expanded)

XIV. **A twenty years' results of the antimicrobial resistance profile and multidrug resistance trend of invasive Streptococcus pneumoniae isolates recovered from adult patients in Turkey: A literature review.**
Hascelik G., Sancak B., Kasikci M.
Indian journal of medical microbiology, vol.40, no.3, pp.342-346, 2022 (SCI-Expanded)

XV. **The impact of the Adenotonsillectomy on cardiac functions and oxidative stress**
Ozbilgic T., Suslu A. E., Aykan H. H., Pehlivanoglu B., Onal D., Kasikci M., Duzova A., Emiralioglu N., Yalcin E. E., Ersoz D., et al.
International Journal of Pediatric Otorhinolaryngology, vol.154, 2022 (SCI-Expanded)

XVI. **Classification performance comparison of deep learning and classical data mining methods on RNA-**

Seq data set
Kasikci M., Cosgun E., KARABULUT E.
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XVII. **Relationship between Abdominal Aortic Calcification, Abdominal Adiposity, and Liver Density**
Ozturk C., Gungor O., Kaplanoglu V., KAŞIKCI M., Ramadan S. U.
JCPSP-JOURNAL OF THE COLLEGE OF PHYSICIANS AND SURGEONS PAKISTAN, vol.30, no.12, pp.1245-1250, 2020 (SCI-Expanded)

XVIII. **Investigation of Cardiovascular System Findings and Affecting Factors Before and After Adenotonsillectomy Operation in Children with Obstructive Sleep Apnea Accompained by Adenotonsillar Hypertrophy**
Ozbilgic T., SÜSLÜ A. E., AYKAN H. H., PEHLİVANOĞLU B., ÖNAL D., KAŞIKCI M., DÜZOVA A., EMİRALİOĞLU N., YALÇIN E. E., Ersoz D. D., et al.
EUROPEAN RESPIRATORY JOURNAL, vol.56, 2020 (SCI-Expanded)

XIX. **Lymphocyte Subgroups and KREC Numbers in Common Variable Immunodeficiency: A Single Center Study**
Yaz I., Ozbek B., Ng Y. Y., Cetinkaya P. G., Halacli S., TAN Ç., KAŞIKCI M., KOŞUKCU C., Tezcan I., Cagdas D. N.
JOURNAL OF CLINICAL IMMUNOLOGY, vol.40, no.3, pp.494-502, 2020 (SCI-Expanded)

XX. **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)

Articles Published in Other Journals

I. **A Methodological Research on Radiogenomics: Combining Radiomics and Genomics for Classification**
Kaşıkcı M., Coşgun E., Karabulut E.
Türkiye Klinikleri Biyoistatistik Dergisi, vol.16, no.1, pp.16-37, 2024 (Peer-Reviewed Journal)

II. **Investigation of the instant effect of Kinesio Taping on the rectus femoris muscle on pain and functional disability in knee osteoarthritis patients**
Abit Kocaman A., Ataş A., Karaca Ş. B., Kaşıkçı Çavdar M.
Journal of Orthopedics Research and Rehabilitation, vol.1, no.3, pp.58-62, 2023 (Peer-Reviewed Journal)

III. **ASSESSMENT OF VASCULARITY WITH DOPPLER ULTRASONOGRAPHY METHODS IN PATIENTS OF PUBERTY PRECOCIOUS WITH THELARCHE**
Öztürk C., Güngör Ö., Buluş D., Kaşıkcı M., Uysal Ramadan S.
Kocatepe Tıp Dergisi, vol.24, no.1, pp.83-88, 2023 (Peer-Reviewed Journal)

IV. **The Effect of Missing Data Mechanisms on Deep Learning in Binary Classification: A Simulation Study**
ÖZTÜRK E., ZENGİN H. Y., KAŞIKCI ÇAVDAR M., COŞGUN E.
Türkiye Klinikleri Biyoistatistik Dergisi, vol.15, no.1, pp.1-12, 2023 (Peer-Reviewed Journal)

V. **Evaluation of the Efficiency of Simulated Patient Application in Emergency Case Management In-Service Training of Prehospital Health Personnel**
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Hastane Öncesi Dergisi, vol.7, no.3, pp.317-330, 2022 (Peer-Reviewed Journal)

VI. **6-18 Yaş Arası Sendromik Olmayan Türk Çocuklarında Süpernumere Premolarların Prevalansı ve Özellikleri: Retrospektif Bir KIBT Çalışması**
Ballıkaya E., Koç N., Kaşıkcı Çavdar M.
Selcuk Dental Journal, vol.9, no.2, pp.471-478, 2022 (Peer-Reviewed Journal)

VII. **ULTRASOUND ELASTOGRAPHY FINDINGS IN SJÖGREN'S SYNDROME**
Güngör Ö., Şahin K., Öztürk C., Uysal Ramadan S., Can S., Kaşıkcı Çavdar M.
Ankara Eğitim ve Araştırma Hastanesi Tıp Dergisi, vol.55, pp.23-27, 2022 (Peer-Reviewed Journal)

VIII. **The Results of Trabeculectomy with Antimetabolites in Elderly Patients: A Retrospective Study**

Dikmetaş Ö., Lotfisadigh S., Kaşıkcı M., Çankaya A. B., Kocabeyoğlu S.
Acta Medica (formerly Hacettepe Medical Journal), vol.52, no.2, pp.162-166, 2021 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. **Türkiye'de CoronaVac ve BNT162b2 Aşılarının Farklı Uygulama Stratejileri Sonrası Kantitatif IgG ve T Hücre Interferon-gamma Yanıtlarının Değerlendirilmesi**
Somun A. İ., Özyar Ş. A., Uzun M., Kaşıkcı Çavdar M., Telli Dizman G., Metan G., Akova M., Sarıbaş Z., Şener B.
XL. Uluslararası Türk Mikrobiyoloji Kongresi, Antalya, Turkey, 16 - 20 November 2022, pp.383-384

II. **Effect of platelet-rich fibrin on colonic anastomosis**
Mahmudzada K., GÜNER G., DİNÇSOY A. B., KAŞIKCI M., ERDEM A., EROL T.
31st Biennial Congress of ISUCRS (International Society of University Colon and Rectal Surgeons), İstanbul, Turkey, 27 October 2022

III. **The airway microbiota in siblings with primary ciliary dyskinesia: related factors and correlation with clinical characteristics**
Ademhan Tural D., Kaşıkcı Çavdar M., Altay O., Eryilmaz Polat S., Ozsezen B., Hizal M., Sunman B., Nayir Buyuksahin H., Guzelkas I., Yuksel Dolgun T., et al.
ERS International Congress 2022 abstracts, Barcelona, Spain, 4 - 06 September 2022, pp.3579

IV. **A Comprehensive Real Data-Based Simulation Study on Gene Selection Performance of Machine Learning Algorithms**
Kaşıkcı Çavdar M., Dağ O.
2022 International Biometric Conference, Riga, Latvia, 10 - 15 July 2022

V. **Comparison of Classification Performance for Deep Learning Method and Classical Data Mining Methods on Transcriptome Data Set**
Kaşıkcı Çavdar M., Coşgun E., Karabulut E.
21. Ulusal ve 4. Uluslararası Biyoistatistik Kongresi, Antalya, Turkey, 26 - 29 October 2019, pp.32-33

VI. **Comparison of classification performances on transcriptomics dataset**
Kaşıkcı Çavdar M., Coşgun E., Karabulut E.
40th Annual Conference of the International Society for Clinical Biostatistics, Leuven, Belgium, 14 - 18 July 2019, pp.193-194

Metrics

Publication: 34
Citation (WoS): 8
Citation (Scopus): 17
H-Index (WoS): 2
H-Index (Scopus): 2