

## Assoc. Prof. MELİKE BAHÇECİTAPAR

### Personal Information

Office Phone: [+90 312 297 7900](tel:+903122977900)

Fax Phone: [+90 312 297 7913](tel:+903122977913)

Email: [mlk@hacettepe.edu.tr](mailto:mlk@hacettepe.edu.tr)

Web: <https://avesis.hacettepe.edu.tr/mlk>

### International Researcher IDs

ORCID: 0000-0002-5443-6278

Publons / Web Of Science ResearcherID: E-6185-2013

Yoksis Researcher ID: 106172

### Education Information

Doctorate, Hacettepe University, Fen Bilimleri Enstitüsü, İstatistik, Turkey 2006 - 2012

Postgraduate, Hacettepe University, Fen Bilimleri Enstitüsü, İstatistik, Turkey 2003 - 2006

Undergraduate, Hacettepe University, İstatistik, İstatistik, Turkey 1999 - 2003

### Foreign Languages

English, B2 Upper Intermediate

### Research Areas

Statistics, Statistical Analysis and Applications, Natural Sciences

### Academic Titles / Tasks

Research Assistant PhD, Hacettepe University, Fen Fakültesi, İstatistik Bölümü, 2013 - Continues

### Academic and Administrative Experience

Hacettepe Üniversitesi, Fen Fakültesi, İstatistik Bölümü, 2012 - Continues

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Power analysis of approximation methods for parameter estimation in Cox regression model with longitudinal covariate and tied survival times**  
BAHÇECİTAPAR M., Yıldırım E., KARASOY D.  
Communications in Statistics: Simulation and Computation, vol.53, no.3, pp.1089-1106, 2024 (SCI-Expanded)
- II. **Throat Symptoms Before and After Septal Surgery in Adults With Nasal Septum Deviation**  
Jafarov S., Isazade A., BAHÇECİTAPAR M., Buyuklu A. F.

OTOLARYNGOLOGY-HEAD AND NECK SURGERY, vol.168, no.3, pp.339-344, 2023 (SCI-Expanded)

- III. **Effects of Combined Visible and Infrared Light Rhinophototherapy in Patients With Allergic Rhinitis**  
Koycu A., Bas C., Musabak U. H., Erbek S. S., Koca H. S., TÜRKÖĞLU BABAKURBAN S., BAHÇECİTAPAR M.  
AMERICAN JOURNAL OF RHINOLOGY & ALLERGY, vol.37, pp.65-73, 2023 (SCI-Expanded)
- IV. **Investigation of taurine and aqueous garlic extract diet supplementation effect on the healing of rat osteoporotic fractures**  
Misirlioğlu M., Bingöl İ., Genç C., Akbulut A., OCAK M., DİKER N. Y., Özmeriç A., Koca G., BAHÇECİTAPAR M., Şenes M., et al.  
Turkish Journal of Medical Sciences, vol.53, no.1, pp.29-39, 2023 (SCI-Expanded)
- V. **Evaluation of Oropharyngeal Dysphagia in Elderly Patients with Pharyngeal Aberrant Internal Carotid Artery Using the Eating Assessment Tool-10 (EAT-10)**  
Jafarov S., Isazade A., Koycu A., Beyazpınar G., BAHÇECİTAPAR M., Tuzuner A.  
DYSPHAGIA, vol.37, no.3, pp.676-682, 2022 (SCI-Expanded)
- VI. **Respiratory problems and associated factors following endoscopic balloon dilatation procedure in children with acquired subglottic stenosis**  
Tuzuner A., Bas C., Jafarov S., BAHÇECİTAPAR M., AYDIN E.  
EUROPEAN ARCHIVES OF OTO-RHINO-LARYNGOLOGY, vol.279, pp.2493-2500, 2022 (SCI-Expanded)
- VII. **Oncoplastic Level II Surgical Techniques for Breast Cancer Treatment: Long-Term Outcomes**  
Gulcelik M. A., Dogan L., Karaman N., BAHÇECİTAPAR M., Ozaslan C.  
BREAST CARE, vol.17, pp.24-30, 2022 (SCI-Expanded)
- VIII. **Effects of 5 µg/kg intrathecal morphine for postoperative analgesia in pediatric patients undergoing major surgery**  
Keskin G., Akin M., Senayli Y., ÖZTORUN C. İ., BAHÇECİTAPAR M.  
ANAESTHESIST, 2021 (SCI-Expanded)
- IX. **An Overlooked Landmark for the Crooked Nose: Eyebrow Position**  
Gultekin G., Koycu A., Buyuklu F., BAHÇECİTAPAR M.  
AESTHETIC PLASTIC SURGERY, vol.44, no.5, pp.1718-1724, 2020 (SCI-Expanded)
- X. **Device-related epistaxis risk: continuous-flow left ventricular assist device-supported patients**  
Koycu A., Vural O., BAHÇECİTAPAR M., Jafarov S., Beyazpınar G., Beyazpınar D. S.  
EUROPEAN ARCHIVES OF OTO-RHINO-LARYNGOLOGY, vol.277, no.10, pp.2767-2773, 2020 (SCI-Expanded)
- XI. **Diagnosed in operating room with hypertension: a widespread but unseen affliction**  
Balci E., Demir A., BAHÇECİTAPAR M., Karadeniz U.  
BLOOD PRESSURE MONITORING, vol.25, no.3, pp.136-141, 2020 (SCI-Expanded)
- XII. **Hepatitis C screening and referral for further investigation and treatment in a tertiary care hospital**  
Iskender G., Mert D., Ceken S., BAHÇECİTAPAR M., Yenigun A., Ertek M.  
JOURNAL OF INFECTION IN DEVELOPING COUNTRIES, vol.14, no.6, pp.642-646, 2020 (SCI-Expanded)
- XIII. **Upright positioning-related reverse nystagmus in posterior canal benign paroxysmal positional vertigo and its effect on prognosis**  
Jafarov S., Hizal E., BAHÇECİTAPAR M., ÖZLÜÖĞLU L. N.  
JOURNAL OF VESTIBULAR RESEARCH-EQUILIBRIUM & ORIENTATION, vol.30, no.3, pp.195-201, 2020 (SCI-Expanded)
- XIV. **APPROACH TO CUTANEOUS LESIONS OF THE HEAD AND NECK IN THE GERIATRIC AGE GROUP: RETROSPECTIVE ANALYSIS OF 170 CASES**  
Korkmaz M. O., Dikicier B. S., BAHÇECİTAPAR M., Elden S. G., Guven M.  
TURKISH JOURNAL OF GERIATRICS-TURK GERIATRI DERGISI, vol.23, no.2, pp.206-215, 2020 (SCI-Expanded)
- XV. **Some factors affecting statistical power of approximate tests in the linear mixed model for longitudinal data**  
BAHÇECİTAPAR M.  
COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, vol.47, no.1, pp.294-314, 2018 (SCI-Expanded)
- XVI. **Retrospective Radiographic Evaluation of the Anterior Loop of the Mental Nerve: Comparison**

## **Between Panoramic Radiography and Spiral Computerized Tomography**

Kaya Y., Sencimen M., Sahin S., Okcu K. M., Dogan N., BAHÇECİTAPAR M.

INTERNATIONAL JOURNAL OF ORAL & MAXILLOFACIAL IMPLANTS, vol.23, no.5, pp.919-925, 2008 (SCI-Expanded)

## **Articles Published in Other Journals**

- I. **The Impact of Surgical Technique on Pseudocapsule of Uterine Fibroids: Preliminary Results**  
KESKİN M., Kiseli M., AKGÜL G., ALHAN A., Oğuz B., ÇAĞLAR G. S., BAHÇECİTAPAR M. K.  
Türk üreme tıbbi ve cerrahisi dergisi (Online), vol.7, no.1, pp.6-10, 2023 (Peer-Reviewed Journal)
- II. **The Evaluation of Staphylococcus aureus Nasal Colonization in Patients with Acute Folliculitis: A Case-control Study Akut Folikülit Tanılı Hastalarda Staphylococcus aureus Nazal Taşıyıcılığın Değerlendirilmesi: Olgu Kontrol Araştırması**  
Tuğrul B., Demirdağ H. G., Kemeriz F., BAHÇECİTAPAR M.  
Türkiye Klinikleri Dermatoloji, vol.32, no.2, pp.113-119, 2022 (Scopus)
- III. **Reliability and Validity of the Turkish Version of the Glasgow-Edinburgh Throat Scale: Use for a Symptom Scale of Globus Sensation in Turkish Population**  
Korkmaz M. O., Tuzuner A., BAHÇECİTAPAR M., Karacaer C.  
TURKISH ARCHIVES OF OTORHINOLARYNGOLOGY, vol.58, no.1, pp.41-47, 2020 (ESCI)
- IV. **Measles, Rubella, Mumps and Chicken Pox Seroprevalence of Healthcare Workers in an Oncology Hospital**  
Iskender G., Mert D., BAHÇECİTAPAR M., Ceken S., Yapar Toros G., Ertek M.  
FLORA INFEKSİYON HASTALIKLARI VE KLİNİK MİKROBİYOLOJİ DERGİSİ, vol.25, no.3, pp.413-422, 2020 (ESCI)
- V. **Bradley-Terry Modeli ile Türkiye Basketbol Süper Ligi'nde Takımların Ev Sahibi Olma Avantajının İncelenmesi**  
BAHÇECİTAPAR M., RIFAT E., AKTAŞ ALTUNAY S.  
Hacettepe Spor Bilimleri Dergisi, vol.29, pp.15-26, 2018 (Peer-Reviewed Journal)
- VI. **Çoklu doğrusal bağlantı durumunda doğrusal karma modelin kullanımı ve bir uygulama**  
BAHÇECİTAPAR M., AKTAŞ ALTUNAY S.  
Sakarya Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.21, pp.1349-1359, 2017 (Peer-Reviewed Journal)
- VII. **PISA 2012 Matematik Puanları İçin Doğrusal Karma Etkiler Modeli**  
BAHÇECİTAPAR M., AKTAŞ ALTUNAY S.  
Sakarya Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.21, 2017 (Peer-Reviewed Journal)
- VIII. **Generalized Estimating Equations Approach To Multi-Way Contingency Tables With Longitudinal Data In Case-Control Studies,**  
BAHÇECİTAPAR M., AKTAŞ ALTUNAY S.  
Türkiye Klinikleri Biyoistatistik Dergisi, 2017 (Peer-Reviewed Journal)
- IX. **Estimation of Sample Size and Power for General Full Factorial Designs**  
BAHÇECİTAPAR M., KARADAĞ ATAŞ Ö., AKTAŞ ALTUNAY S.  
İstatistikçiler Dergisi: İstatistik ve Aktüerya, vol.9, no.2, pp.79-86, 2016 (Peer-Reviewed Journal)
- X. **Estimation of Sample Size and Power for General Full Factorial Design in Educational Experiments**  
BAHÇECİTAPAR M., KARADAĞ Ö., AKTAŞ ALTUNAY S.  
Journal of Statisticians: Statistics and Actuarial Sciences, vol.9, pp.79-86, 2016 (Peer-Reviewed Journal)
- XI. **STATISTICAL POWER/SAMPLE SIZE ANALYSIS FOR LINEAR MIXED EFFECTS MODELS WITH MA(1) AND ARMA(1,1) AUTOCORRELATED ERRORS IN LONGITUDINAL STUDIES**  
BAHÇECİTAPAR M., UYSAL M.  
ADVANCES AND APPLICATIONS IN STATISTICS, vol.49, no.3, pp.211-229, 2016 (ESCI)
- XII. **Quasi likelihood Approach to Rater Agreement plus Linear by Linear Association Model for Ordinal Contingency Tables**  
AKTAŞ ALTUNAY S., BAHÇECİTAPAR M.

Journal of Statistics: Advances in Theory and Applications, vol.16, pp.1-15, 2016 (Peer-Reviewed Journal)

**XIII. Specification of Variance Covariance Structure in Bivariate Mixed Model for Unequally Time Spaced Longitudinal Data**

BAHÇECİTAPAR M., KARADAĞ Ö., AKTAŞ ALTUNAY S.

International Journal of Statistics in Medical Research, vol.4, pp.370-377, 2015 (Peer-Reviewed Journal)

### **Refereed Congress / Symposium Publications in Proceedings**

**I. A Comparison of Different Estimation Methods for Simulation-Based Sample Size Determination in Longitudinal Studies**

BAHÇECİTAPAR M.

International Conference on Numerical Analysis and Applied Mathematics (ICNAAM), Rhodes, Greece, 19 - 25 September 2016, vol.1863

### **Supported Projects**

AKTAŞ ALTUNAY S., KARADAĞ Ö., BAHÇECİTAPAR M., Project Supported by Higher Education Institutions, EŞİT ARALIKLI OLMAYAN UZUNSÜRELİ VERİLER İÇİN İKİ DEĞİŞKENLİ KARMA MODELLERDE VARYANS KOVARYANS MATRİSİNİN BELİRLENMESİ, 2015 - 2015

### **Metrics**

Publication: 31

Citation (WoS): 39

H-Index (WoS): 2