

# Prof. AHMET ERGUN KARAAĞAOĞLU

## Personal Information

**Email:** ergun.karaagaoglu@lokmanhekim.edu.tr

**Other Email:** ekaraaga@gmail.com

**Web:** <https://avesis.lokmanhekim.edu.tr/ergun.karaagaoglu>

**Address:** Lokman Hekim Üniversitesi Tıp Fakültesi A Blok Söğütözü ANKARA

## International Researcher IDs

ORCID: 0000-0002-7024-7231

ScopusID: 20134544400

Yoksis Researcher ID: 4664

## Education Information

Doctorate, Hacettepe University, Tıp Fakültesi (İngilizce), Temel Tıp Bilimleri Bölümü, Turkey 1980 - 1985

Postgraduate, Hacettepe University, Tıp Fakültesi (İngilizce), Temel Tıp Bilimleri Bölümü, Turkey 1977 - 1979

Undergraduate, Hacettepe University, Fen Fakültesi, İstatistik Bölümü, Turkey 1973 - 1977

## Foreign Languages

English, C1 Advanced

## Dissertations

Doctorate, Karmaşık örnekleme planlarında örnekleme hatalarının hesaplanması, Hacettepe University, Sağlık Bilimleri Enstitüsü, Biyoistatistik A.B.D., 1985

Postgraduate, İki ortalama arasındaki farkın önem kontrolünde kullanılan t testinin gücü üzerine bir araştırma, Hacettepe University, Sağlık Bilimleri Enstitüsü, Biyoistatistik A.B.D., 1979

## Research Areas

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

## Academic Titles / Tasks

Professor, Lokman Hekim University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2023 - Continues

Professor, Hacettepe University, Tıp Fakültesi (Türkçe), Temel Tıp Bilimleri Bölümü, 1996 - 2022

Associate Professor, Hacettepe University, Tıp Fakültesi (Türkçe), Temel Tıp Bilimleri Bölümü, 1989 - 1996

Assistant Professor, Hacettepe University, Tıp Fakültesi (Türkçe), Temel Tıp Bilimleri Bölümü, 1988 - 1989

Lecturer, Hacettepe University, Tıp Fakültesi (İngilizce), Temel Tıp Bilimleri Bölümü, 1985 - 1988

Research Assistant, Hacettepe University, Fen Fakültesi, İstatistik Bölümü, 1982 - 1985

## Academic and Administrative Experience

Head of Department, Lokman Hekim University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2023 - Continues  
Head of Department, Hacettepe University, Tıp Fakültesi (Türkçe), Temel Tıp Bilimleri Bölümü, 2019 - 2022  
Head of Department, Hacettepe University, Tıp Fakültesi (Türkçe), Temel Tıp Bilimleri Bölümü, 2016 - 2022  
Head of Department, Hacettepe University, Sağlık Bilimleri Enstitüsü, Biyoinformatik A.B.D., 2013 - 2015  
Enstitü Yönetim Kurulu Üyesi, Hacettepe University, Sağlık Bilimleri Enstitüsü, 2003 - 2013  
Head of Department, Hacettepe University, Tıp Fakültesi (Türkçe), Temel Tıp Bilimleri Bölümü, 2002 - 2011  
Vice Dean, Inonu University, Tıp Fakültesi, Temel Tıp Bilimleri, 1991 - 1992

## Courses

BİYOİSTATİSTİK, Undergraduate, 2022 - 2023  
BIostatistics, Undergraduate, 2023 - 2024  
BİYOİSTATİSTİK, Doctorate, 2022 - 2023  
BIostatistics, Undergraduate, 2022 - 2023  
BİYOİSTATİSTİK, Undergraduate, 2022 - 2023  
BİYOİSTATİSTİK, Undergraduate, 2022 - 2023  
FARMAKOLOJİDE BİYOİSTATİSTİKSEL DEĞERLENDİRME, Doctorate, 2023 - 2024  
BİYOİSTATİSTİK, Postgraduate, 2022 - 2023  
BİYOİSTATİSTİK, Undergraduate, 2022 - 2023  
BİYOİSTATİSTİK, Undergraduate, 2022 - 2023  
ARAŞTIRMA METODOLOJİSİ, Undergraduate, 2022 - 2023  
BİYOİSTATİSTİK, Undergraduate, 2022 - 2023  
BİYOİSTATİSTİK, Postgraduate, 2023 - 2024  
BİYOİSTATİSTİK, Undergraduate, 2022 - 2023

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

- I. **Comparing the diagnostic performance of methods used in a full-factorial design multi-reader multi-case studies**  
Basol M., GÖKSÜLÜK D., Karaagaoglu E.  
Computational Statistics, vol.38, no.3, pp.1537-1553, 2023 (SCI-Expanded)
- II. **A Novel Hypothesis: Certain KIR/Cognate Ligand Containing Genotypes Differ in Frequency Among Patients With Myeloma and Have an Effect on Age of Disease Onset**  
BEKSAÇ M., Akin H. Y., CENGİZ SEVAL G., Yurdakul Mesutoglu P., Anliacik R. G., Anliacik E., Gurman G., Karaagaoglu E., DALVA K.  
Clinical Lymphoma, Myeloma and Leukemia, vol.23, no.5, pp.394, 2023 (SCI-Expanded)
- III. **Sex Determination from Scapula by Volume Rendering Technique in Turkish Population**  
**Determinación del Sexo a partir de la Escápula Mediante la Técnica de Representación de Volumen en la Población Turca**  
Ülker M., Farımaz M., Ataç G. K., Kırıcı Y., Karaagaoglu E., ALDUR M. M.  
International Journal of Morphology, vol.41, no.2, pp.569-576, 2023 (SCI-Expanded)
- IV. **Measurement of Uncertainty in Prediction of No-Reflow Phenomenon after Primary Percutaneous Coronary Intervention Using Systemic Immune Inflammation Index: The Gray Zone Approach**  
ÖZTÜRK E., ESENBOĞA K., Kurtul A., KILIÇKAP M., Karaagaoglu E., Karakaya J.  
Diagnostics, vol.13, no.4, 2023 (SCI-Expanded)
- V. **Body Mass Index Growth Curves for Birth to 24 Months Children in Ankara with RefCurv Software**  
Çakmak E., Kılıç S., ÖZDEMİR P., Karaagaoglu E.  
Balkan Medical Journal, vol.40, no.4, pp.271-278, 2023 (SCI-Expanded)
- VI. **Multimodal assessment of intensive care unit-acquired weakness in severe stroke patients**

Inan B., Bekircan-Kurt C. E., Ergul-Ulger Z., Yilmaz M., Dikmen Z. G., Arsava E. M., Topcuoglu M. A., Caglar O., Basol M., Karaagaoglu E., et al.

Acta Neurologica Belgica, vol.122, no.5, pp.1313-1321, 2022 (SCI-Expanded)

- VII. **The joint modeling approach with a simulation study for evaluating the association between the trajectory of serum albumin levels and mortality in peritoneal dialysis patients**  
Basol M., GÖKSÜLÜK D., SİPAHİOĞLU M. H., Karaagaoglu E.  
Hacettepe Journal of Mathematics and Statistics, vol.51, no.3, pp.900-913, 2022 (SCI-Expanded)
- VIII. **A model integrating Killer Immunoglobulin-like Receptor (KIR) haplotypes for risk prediction of COVID-19 clinical disease severity**  
Beksac M., Akin H. Y., Gencer-Oncul E. B., Yousefzadeh M., Cengiz Seval G., Gulden E., Akdemir Kalkan I., Cinar G., Memikoglu O., Karaagaoglu E., et al.  
Immunogenetics, vol.73, no.6, pp.449-458, 2021 (SCI-Expanded)
- IX. **Effect of Serum Albumin Changes on Mortality in Patients with Peritoneal Dialysis: A Joint Modeling Approach and Personalized Dynamic Risk Predictions**  
Basol M., GÖKSÜLÜK D., SİPAHİOĞLU M. H., Karaagaoglu E.  
BioMed Research International, vol.2021, 2021 (SCI-Expanded)
- X. **Comprehensive clinical, biochemical, radiological and genetic analysis of 28 Turkish cases with suspected metachromatic leukodystrophy and their relatives**  
Pekgöl F., Erođlu-Ertuđrul N. G., Bekircan-Kurt C. E., Erdem-Ozdamar S., Çetinkaya A., Tan E., Konuşkan B., Karaađaođlu E., Topçu M., Akarsu N. A., et al.  
Molecular Genetics and Metabolism Reports, vol.25, 2020 (SCI-Expanded)
- XI. **Investigation of the relationship between CE cyst characteristics and genetic diversity of Echinococcus granulosus sensu lato in humans from Turkey**  
Örsten S., Çiftçi T., Azizova A., Yüce G., Uysal A., İmamođlu Ç., Karaađaođlu E., Aklıncı D., Akyön Y., Casulli A., et al.  
Parasitology, vol.147, no.14, pp.1712-1717, 2020 (SCI-Expanded)
- XII. **Use of the 50-g glucose challenge test to predict small-for-gestational-age neonates 50 g葡萄糖负荷试验在预测小于胎龄儿中的应用**  
Tanacan A., Eyupoglu M., FADİLOđLU E., ZENGİN H. Y., Karaagaoglu E., Beksac M. S.  
Journal of Diabetes, vol.12, no.11, pp.791-797, 2020 (SCI-Expanded)
- XIII. **Cystobiliary Fistula of Liver CE Treatment as a Major Problem**  
Akhan O., Erdođan E., ÇİFTÇİ T. T., ÜNAL E., Karaađaođlu E., AKINCI D.  
CardioVascular and Interventional Radiology, vol.43, no.11, pp.1718-1719, 2020 (SCI-Expanded)
- XIV. **Comparison of the Long-Term Results of Puncture, Aspiration, Injection and Re-aspiration (PAIR) and Catheterization Techniques for the Percutaneous Treatment of CE1 and CE3a Liver Hydatid Cysts: A Prospective Randomized Trial**  
Akhan O., Erdođan E., ÇİFTÇİ T. T., ÜNAL E., Karaađaođlu E., AKINCI D.  
CardioVascular and Interventional Radiology, vol.43, no.7, pp.1034-1040, 2020 (SCI-Expanded)
- XV. **Joint modeling approach on evaluating time-dependent cutoff values for c-reactive protein in mixed intensive care unit population**  
Konar N. M., Karaismailoglu E., Portakal O., PINAR A., DİKMEN Z. G., Karaagaoglu A. E.  
Clinical Laboratory, vol.66, no.9, pp.1725-1730, 2020 (SCI-Expanded)
- XVI. **Factors effecting the model performance measures area under the ROC curve, net reclassification improvement and integrated discrimination improvement**  
Karaismailoglu E., Konar N. M., GÖKSÜLÜK D., Karaagaoglu A. E.  
Communications in Statistics: Simulation and Computation, vol.48, no.9, pp.2586-2598, 2019 (SCI-Expanded)
- XVII. **MLSeq: Machine learning interface for RNA-sequencing data**  
GÖKSÜLÜK D., ZARARSIZ G., KORKMAZ S., ELDEM V., ZARARSIZ G., Ozcetin E., ÖZTÜRK A., Karaagaoglu A. E.  
Computer Methods and Programs in Biomedicine, vol.175, pp.223-231, 2019 (SCI-Expanded)
- XVIII. **Comparison of different types of twin pregnancies in terms of obstetric and perinatal outcomes: association of vanished twins with methylenetetrahydrofolate reductase (MTHFR) polymorphism(s)**  
Ozek M. A., Karaagaoglu E., Orgul G., GÜMRÜK F., Yurdakök M., Sinan Beksac M.

Journal of Assisted Reproduction and Genetics, vol.35, no.12, pp.2149-2154, 2018 (SCI-Expanded)

- XIX. Pull-out of Upper Thoracic Pedicle Screws Can Cause Spinal Canal Encroachment in Growing Rod Treatment**  
Bekmez S., Kocyigit A., Olgun Z. D., Ayvaz M., Demirkiran H. G., Karaagaoglu E., Yazici M.  
Journal of Pediatric Orthopaedics, vol.38, no.7, 2018 (SCI-Expanded)
- XX. Pedicle subtraction osteotomy versus multiple posterior column osteotomies in severe and rigid neuromuscular scoliosis**  
Bekmez S., Ozhan M., Olgun Z. D., Suzer A., AYVAZ M., DEMİRKIRAN H. G., Karaagaoglu E., Yazici M.  
Spine, vol.43, no.15, 2018 (SCI-Expanded)
- XXI. Human cystic echinococcosis in Turkey: a preliminary study on DNA polymorphisms of hydatid cysts removed from confirmed patients**  
ÖRSTEN S., Boufana B., Ciftci T., AKINCI D., Karaagaoglu E., ÖZKUYUMCU C., Casulli A., Akhan O.  
Parasitology Research, vol.117, no.4, pp.1257-1263, 2018 (SCI-Expanded)
- XXII. Health-Related Quality of Life in Early-Onset Scoliosis Patients Treated Surgically: EOSQ Scores in Traditional Growing Rod Versus Magnetically Controlled Growing Rods**  
Doany M. E., Deniz Olgun Z., KINIKLI G. İ., Bekmez S., Kocyigit A., Demirkiran G., Ergun Karaagaoglu A. E., Yazici M.  
Spine, vol.43, no.2, pp.148-153, 2018 (SCI-Expanded)
- XXIII. A statistical approach to evaluate the performance of cardiac biomarkers in predicting death due to acute myocardial infarction: Time-dependent ROC curve**  
Karaismailoğlu E., DİKMEN Z. G., Akbiyik F., Karağaoglu A. E.  
Turkish Journal of Medical Sciences, vol.48, no.2, pp.237-245, 2018 (SCI-Expanded)
- XXIV. Methylenetetrahydrofolate Reductase Polymorphisms and Pregnancy Outcome**  
Turgal M., GÜMRÜK F., Karaagaoglu E., Beksac M. S.  
Geburtshilfe und Frauenheilkunde, vol.78, no.9, pp.871-878, 2018 (SCI-Expanded)
- XXV. Predictors of sinus rhythm after electrical cardioversion of atrial fibrillation: Results from a data mining project on the Flec-SL trial data set**  
Oto E., Okutucu S., Katircioglu-Öztürk D., Güvenir H. A., Karaagaoglu E., Borggreffe M., Breithardt G., Goette A., Ravens U., Steinbeck G., et al.  
Europace, vol.19, no.6, pp.921-928, 2017 (SCI-Expanded)
- XXVI. Data mining experiments on the Angiotensin II-Antagonist in Paroxysmal Atrial Fibrillation (ANTIPAF-AFNET 2) trial: 'Exposing the invisible'**  
Okutucu S., Katircioglu-Öztürk D., Oto E., Güvenir H. A., Karaagaoglu E., Oto A., Meinertz T., Goette A.  
Europace, vol.19, no.5, pp.741-746, 2017 (SCI-Expanded)
- XXVII. Risk Factors for Conversion of Laparoscopic Cholecystectomy to Open Surgery: A New Predictive Statistical Model**  
Beksac K., Turhan N., Karaagaoglu E., Abbasoglu O.  
Journal of Laparoendoscopic and Advanced Surgical Techniques, vol.26, no.9, pp.693-696, 2016 (SCI-Expanded)
- XXVIII. EasyROC: An interactive web-tool for roc curve analysis using r language environment**  
GÖKSÜLÜK D., Korkmaz S., ZARARSIZ G., Karaagaoglu A. E.  
R Journal, vol.8, no.2, pp.213-230, 2016 (SCI-Expanded)
- XXIX. Prospective evaluation of infection episodes in cancer patients in a tertiary care academic center: Microbiological features and risk factors for mortality Kanser hastalarındaki enfeksiyon ataklarının prospektif değerlendirilmesi: Mikrobiyolojik özellikler ve mortalite için risk faktörleri**  
Başaran N. Ç., Karağaoglu E., Haşçelik G., DURUSU TANRIÖVER M., AKOVA M.  
Turkish Journal of Hematology, vol.33, no.4, pp.311-319, 2016 (SCI-Expanded)
- XXX. Impact of "killer immunoglobulin-like receptor/ligand" genotypes on outcome following surgery among patients with colorectal cancer: Activating KIRs are associated with long-term disease free survival**  
Beksac K., Beksac M., DALVA K., Karaagaoglu E., Tirnaksiz M. B.  
PLoS ONE, vol.10, no.7, 2015 (SCI-Expanded)
- XXXI. Does coronary calcium scoring with a SCORE better predict significant coronary artery stenosis than**

**without? Correlation with computed tomography coronary angiography**

DURHAN G., HAZIROLAN T., Sunman H., Karakaya J., KARÇAALTINCABA M., AYTEMİR K., Karağaoğlu E., AKATA D.  
European Radiology, vol.25, no.3, pp.776-784, 2015 (SCI-Expanded)

- XXXII. **Myomectomy during cesarean section and adhesion formation as a long-term postoperative complication**  
Turgal M., Seval Ozgu-Erdinc A., Beksac K., Ozyuncu O., Karaagaoglu E., Sinan Beksac M.  
Ginekologia Polska, vol.86, no.6, pp.457-460, 2015 (SCI-Expanded)
- XXXIII. **Evaluation of diagnostic tests using information theory for multi-class diagnostic problems and its application for the detection of occlusal caries lesions**  
Arslan U., Karağaoğlu E., Özkan G., Kanlı A.  
Balkan Medical Journal, vol.31, no.3, pp.214-218, 2014 (SCI-Expanded)
- XXXIV. **An experimental design technique: Randomized block design Bir Deney Tasarımı Türü: Rasgele Blok Düzeni**  
Karağaoğlu E.  
Turkish Journal of Biochemistry, vol.38, no.1, pp.1-4, 2013 (SCI-Expanded)
- XXXV. **Sequential test selection by quantifying of the reduction in diagnostic uncertainty for the diagnosis of proximal caries**  
Arslan U., Karaaölu A. E., AKKAYA N., Çağırankaya L. B., Kansu A. O., Kansu H.  
Balkan Medical Journal, vol.30, no.2, pp.142-146, 2013 (SCI-Expanded)
- XXXVI. **Pigment epithelium-derived factor increases in type 2 diabetes after treatment with metformin**  
Akin Ş., Aksoy D. Y., Çinar N., Aydın K., Karağaoğlu E., Ariyürek M., Gülçelik N. E., Usman A., Gürlek A.  
Clinical Endocrinology, vol.77, no.6, pp.852-856, 2012 (SCI-Expanded)
- XXXVII. **Oral health status in a group of the elderly population residing at home**  
Naziel H. E., HERSEK N. E., Ozbek M., Karaagaoglu E.  
Gerodontology, vol.29, no.2, 2012 (SCI-Expanded)
- XXXVIII. **Comparison of 800 and 3700 MBq iodine-131 for the postoperative ablation of thyroid remnant in patients with low-risk differentiated thyroid cancer**  
Caglar M., Bozkurt F. M., Akca C. K., Vargol S. E., Bayraktar M., UĞUR Ö., Karağaoğlu E.  
Nuclear Medicine Communications, vol.33, no.3, pp.268-274, 2012 (SCI-Expanded)
- XXXIX. **Comparing diagnostic tests: Test of hypothesis for likelihood ratios**  
Dolgun N. A., Gozukara H., Karaagaoglu E.  
Journal of Statistical Computation and Simulation, vol.82, no.3, pp.369-381, 2012 (SCI-Expanded)
- XL. **Evaluation of GDx parameters by using information theory Bilgi kurami kullanılarak GDx parametrelerinin değerlendirilmesi**  
Arslan U., Bozkurt B., Karağaoğlu A. E., Irkeç M. T.  
Turkish Journal of Medical Sciences, vol.41, no.1, pp.117-124, 2011 (SCI-Expanded)
- XLI. **Relationship between LYVE-1, VEGFR-3 and CD44 gene expressions and lymphatic metastasis in gastric cancer**  
ÖZMEN F., Ozmen M. M., Ozdemir E., Moran M., Seçkin S., Guc D., Karaagaoglu E., Kansu E.  
World Journal of Gastroenterology, vol.17, no.27, pp.3220-3228, 2011 (SCI-Expanded)
- XLII. **The prevalence and clinical correlates of metabolic syndrome in patients with schizophrenia: Findings from a cohort in Turkey**  
YAZICI M. S., ANIL YAĞCIOĞLU A. E., ERTUĞRUL A., Eni N., KARAHAN S., Karağaoğlu E., TOKGÖZOĞLU S. L.  
European Archives of Psychiatry and Clinical Neuroscience, vol.261, no.1, pp.69-78, 2011 (SCI-Expanded)
- XLIII. **Presenting clinical features and outcome in intussusception**  
YALÇIN S. S., ÇİFTÇİ A. Ö., Karaagaoglu E., Tanyel F. C., Senocak M. E.  
Indian Journal of Pediatrics, vol.76, no.4, pp.401-405, 2009 (SCI-Expanded)
- XLIV. **Effect of pacifier use on exclusive and any breastfeeding: a meta-analysis.**  
Karabulut E., Yalçın S. S., Ozdemir-Geyik P., Karağaoğlu E.  
The Turkish journal of pediatrics, vol.51, no.1, pp.35-43, 2009 (SCI-Expanded)
- XLV. **Comparing body temperature measurements by mothers and physicians using mercury-in-glass,**

- digital mercury and infrared tympanic membrane thermometers in healthy newborn babies**  
Çultu Ö., Yildirim I., CEYHAN M., Korkmaz A., Yurdakök M., Karaağaoğlu E., Seçmeer G.  
Turkish Journal of Pediatrics, vol.50, no.4, pp.354-358, 2008 (SCI-Expanded)
- XLVI. **Do radiologic studies correlate with each other and with surgical findings in intussusception?**  
Yalçın S., Ciftçi A. O., Karaağaoğlu E., Haliloğlu M., Senocak M. E., Tanyel F. C., Büyükpamukçu N.  
The Turkish journal of pediatrics, vol.50, no.4, pp.336-41, 2008 (SCI-Expanded)
- XLVII. **Diagnostic accuracy of fine-needle aspiration cytology of palpable breast masses: An SROC curve with fixed and random effects linear meta-regression models**  
Akçıl M., KARAAĞAOĞLU A. E., Demirhan B.  
Diagnostic Cytopathology, vol.36, no.5, pp.303-310, 2008 (SCI-Expanded)
- XLVIII. **Immunohistochemical detection of Helicobacter pylori infection in gastric biopsies of urea breath test-positive and -negative pediatric patients**  
ORHAN D., Kale G., SALTİK TEMİZEL İ. N., DEMİR H., Bulun A., Karaağaoğlu E., Çağlar M.  
Turkish Journal of Pediatrics, vol.50, no.1, pp.34-39, 2008 (SCI-Expanded)
- XLIX. **No alteration in bone mineral density in patients with periodontitis**  
Hattatoğlu-Sönmez E., ÖZÇAKAR L., Gökçe-Kutsal Y., Karaağaoğlu E., Demiralp B., Nazliel-Erverdi H.  
Journal of Dental Research, vol.87, no.1, pp.79-83, 2008 (SCI-Expanded)
- L. **Epidemiological multicenter study on osteoporosis: The EDMUSTO study [2]**  
Gökçe-Kutsal Y., Özçakar L., Eskiuyurt N., Eryavuz M., Gruszecka-Marczynska K., Emam M. M., Dursun N., Korap E., Barak A., Aktaş A., et al.  
Rheumatology International, vol.27, no.12, pp.1189-1191, 2007 (SCI-Expanded)
- LI. **Predictive ability of fasting plasma glucose for a diabetic 2-h postload glucose value in oral glucose tolerance test: spectrum effect**  
Karakaya J., BAYAZIT Y., Harmanci A., Karaagaoglu E., Gurlek A.  
Journal of Diabetes and its Complications, vol.21, no.5, pp.300-305, 2007 (SCI-Expanded)
- LII. **Quantitative analysis of myelinated axons of corpus callosum in the human brain**  
Sargon M. F., ÇELİK H. H., Akşit M. D., Karaağaoğlu E.  
International Journal of Neuroscience, vol.117, no.6, pp.749-755, 2007 (SCI-Expanded)
- LIII. **Histone mRNA in situ hybridization and Ki 67 immunohistochemistry in pediatric adrenocortical tumors**  
ORHAN D., Kale G., Çağlar M., Göğüş S., Karaağaoğlu E.  
Virchows Archiv, vol.448, no.5, pp.591-596, 2006 (SCI-Expanded)
- LIV. **Echocardiographic predictors of left atrial appendage spontaneous echocontrast in patients with stroke and atrial fibrillation**  
Ozer N., Kiliç H., Arslan U., Atalar E., Aksöyek S., Övünç K., Ay H., Öztürk E., Karaagaoglu E., Tokgozoglu L., et al.  
Journal of the American Society of Echocardiography, vol.18, no.12, pp.1362-1365, 2005 (SCI-Expanded)
- LV. **Effects of prophylactic thyroid hormone replacement in euthyroid Hashimoto's thyroiditis**  
BAYAZIT Y., Kerimoglu U., Okur H., CANPINAR H., Karaağaoğlu E., Yetgin S., Kansu E., Gedik O.  
Endocrine Journal, vol.52, no.3, pp.337-343, 2005 (SCI-Expanded)
- LVI. **Effect of scan repetition on the reproducibility of optic nerve head topographic measurements with the Top SS**  
Akar Y., Bozkurt B., Irkeç M., Orhan M., Karaağaoğlu E.  
Clinical and Experimental Ophthalmology, vol.32, no.2, pp.142-146, 2004 (SCI-Expanded)
- LVII. **Effects of Lossy Image Compression on Quantitative Image Analysis of Cell Nuclei**  
Atalağ K., Sincan M., Celasun B., KARAAĞAOĞLU A. E.  
Analytical and Quantitative Cytology and Histology, vol.26, no.1, pp.22-27, 2004 (SCI-Expanded)
- LVIII. **Major determinants of optic nerve head topographic characteristics in a normal Turkish population**  
Akar Y., Orhan M., Irkeç M., Karaağaoğlu E.  
Clinical and Experimental Ophthalmology, vol.32, no.1, pp.9-13, 2004 (SCI-Expanded)
- LIX. **Reexamination of the characteristics of the deficit schizophrenia patients**  
Tiryaki A., YAZICI M. S., ANIL YAĞCIOĞLU A. E., Kabakçı E., Karaağaoğlu E., Göğüş A.

European Archives of Psychiatry and Clinical Neuroscience, vol.253, no.5, pp.221-227, 2003 (SCI-Expanded)

- LX. **Acute disseminated encephalomyelitis in children: Outcome and prognosis**  
Anlar B., Basaran C., Kose G., Guven A., Haspolat S., Yakut A., Serdaroglu A., Senbil N., Tan H., Karaagaoglu E., et al.  
Neuropediatrics, vol.34, no.4, pp.194-199, 2003 (SCI-Expanded)
- LXI. **Effect of peripapillary chorioretinal atrophy on GDx parameters in patients with degenerative myopia**  
Bozkurt B., Irkeç M., Gedik S., Orhan M., Erdener U., Tatlipinar S., Karaagaoglu E.  
Clinical and Experimental Ophthalmology, vol.30, no.6, pp.411-414, 2002 (SCI-Expanded)
- LXII. **Scanning laser polarimetric analysis of retinal nerve fiber layer thickness in Turkish patients with glaucoma and ocular hypertension**  
Bozkurt B., Irkeç M., Karaagaoglu E., Orhan M.  
European Journal of Ophthalmology, vol.12, no.5, pp.406-412, 2002 (SCI-Expanded)
- LXIII. **MR imaging of pelvic and thigh muscles in congenital muscular dystrophy**  
Oto A., AYDINGÖZ Ü., Başgün N., TALİM B., KARAAĞAOĞLU A. E., Topaloğlu H.  
Turkish Journal of Pediatrics, vol.43, no.1, pp.44-51, 2001 (SCI-Expanded)
- LXIV. **Polarimetric nerve fiber analysis in patients with visible optic nerve head drusen**  
Tatlipinar S., KADAYIFÇILAR S., BOZKURT B. S., Gedik S., Karaağaoğlu E., Orhan M., Irkeç M.  
Journal of Neuro-Ophthalmology, vol.21, no.4, pp.245-249, 2001 (SCI-Expanded)
- LXV. **Renal pelvic pressure responds with augmented increases to increments in intraabdominal pressure**  
KARNAK İ., KOLOĞLU M., Karaağaoğlu E., Büyükpamukçu N., Tanyel F.  
Journal of Pediatric Surgery, vol.36, no.6, pp.901-904, 2001 (SCI-Expanded)
- LXVI. **Functional magnetic resonance imaging in children with Asperger's syndrome**  
ÖKTEM F., Diren B., Karaagaoglu E., Anlar B.  
Journal of Child Neurology, vol.16, no.4, pp.253-256, 2001 (SCI-Expanded)
- LXVII. **Clinicopathological implication of cripto expression in early stage invasive cervical carcinomas**  
Ertoy D., Ayhan A., Saraç E., Karaağaoğlu E., Yasui W., Tahara E., Ayhan A.  
European Journal of Cancer, vol.36, no.8, pp.1002-1007, 2000 (SCI-Expanded)
- LXVIII. **CD34/CD117 co-expression in childhood acute leukemia**  
Uçkan D., Hiçsönmez G., Yetgin S., Gürgey A., Çetin M., Karaagaoglu E., Okur H., Murat Tuncer A.  
Leukemia Research, vol.24, no.3, pp.201-206, 2000 (SCI-Expanded)
- LXIX. **Intraabdominal pressure: A parameter helpful for diagnosing and predicting a complicated course in children with appendicitis**  
KOLOĞLU M., Tanyel F., Öcal T., Karaagaoglu E., Şenocak M. E., Büyükpamukçu N.  
Journal of Pediatric Surgery, vol.35, no.4, pp.559-563, 2000 (SCI-Expanded)
- LXX. **Individual and associated effects of length of inguinal canal and caliber of the sac on clinical outcome in children**  
Tanyel F., Öcal T., Karaağaoğlu E., Büyükpamukçu N.  
Journal of Pediatric Surgery, vol.35, no.8, pp.1165-1169, 2000 (SCI-Expanded)
- LXXI. **Evaluation of tumour necrosis factor alpha, interferon gamma and granulocyte-macrophage colony stimulating factor levels in juvenile chronic arthritis [1]**  
Yetgin S., Ozen S., Saatci U., Bakkaloglu A., Topaloglu R., Yenicesu I., Olcay L., Okur H., Karaagaoglu E., Tuncer M., et al.  
Rheumatology, vol.38, no.5, pp.468-471, 1999 (SCI-Expanded)
- LXXII. **Hand and eye preference in normal preschool children**  
ÖZTÜRK C. N., Durmazlar N., Ural B., KARAAĞAOĞLU A. E., Yalaz K., Anlar B.  
Clinical Pediatrics, vol.38, no.11, pp.677-680, 1999 (SCI-Expanded)
- LXXIII. **The importance of increasing the number of gastric biopsies in the diagnosis of helicobacter pylori**  
Gurden G., Boyacioglu S., Demirhan B., Gursoy M., KARAAĞAOĞLU A. E., Gungen Y., Telatar H.  
Hepato-Gastroenterology, vol.45, no.24, pp.2219-2223, 1998 (SCI-Expanded)
- LXXIV. **Turkish children's performance on Denver II: Effect of sex and mother's education**  
Durmazlar N., YALÇIN ÇAKIR F., Ural B., Karaagaoglu E., Anlar B.

## Articles Published in Other Journals

- I. **RNA-Dizileme Verilerinin Poisson ve Negatif Binom Doğrusal Ayırma Analizleri ile Sınıflandırılması: Metodolojik Bir Çalışma**  
Göksülük D., Karaağaoğlu A. E.  
Türkiye Klinikleri Biyoistatistik Dergisi, vol.15, no.3, pp.150-160, 2023 (Peer-Reviewed Journal)
- II. **Development of Biostatistics: From Past to Future Biyoistatistiğin Gelişimi: Geçmişten Geleceğe**  
KARAHAN S., Karaağaoğlu A. E.  
Duzce Medical Journal, vol.23, no.3, pp.234-238, 2021 (Scopus)
- III. **Impact of extractable nuclear antigen, anti-double stranded DNA, antiphospholipid antibody, and anticardiolipin antibody positivity on obstetrical complications and pregnancy outcomes**  
Tanacan A., Beksac M. S., Orgul G., Duru S., ŞENER B., Karaagaoglu E.  
Human Antibodies, vol.27, no.2, pp.135-141, 2019 (Scopus)
- IV. **Birleşik Modelleme Yaklaşımı ile Tekrarlı C-Reaktif Protein Ölçümlerinin Tanısal Performansını Etkileyen Faktörlerin İncelenmesi**  
KONAR N. M., KARAIŞMAİLOĞLU E., PORTAKAL AKÇİN O., PINAR A., DİKMEN Z. G., KARAAĞAOĞLU A. E.  
Türkiye Klinikleri Biyoistatistik Dergisi, vol.10, no.1, pp.52-64, 2018 (Peer-Reviewed Journal)
- V. **The prevalence of homozygous mthfr polymorphism(S) in a turkish university hospital population that necessitated mthfr polymorphism investigation**  
GÜMRÜK F., Orgul G., DOĞAN A., Tanacan A., Karaagaoglu E., Beksac M. S.  
Electronic Journal of General Medicine, vol.15, no.4, 2018 (Scopus)
- VI. **Gestational urinary incontinence in nulliparous pregnancy-A pilot study**  
Beksac A. T., Aydin E., Orhan C., Karaagaoglu E., AKBAYRAK T.  
Journal of Clinical and Diagnostic Research, vol.11, no.8, 2017 (Scopus)
- VII. **Retrospective evaluation of pregnant women with celiac disease**  
Beksaç K., Örgül G., Çağan M., Karaağaoğlu E., Arslan S., Beksaç M. S.  
Journal of the Turkish German Gynecology Association, vol.18, no.1, pp.56-59, 2017 (Scopus)
- VIII. **Assessment of nutritional status and its association with length of hospital stay and food consumption in elderly cardiovascular patients Kardiyovasküler hastalığı olan yaşlı bireylerin beslenme durumunun saptanması ve hastanede kalış süresi ile besin tüketimi ilişkisi**  
Öztürk Arikbuka M., YÜCECAN S., Karaağaoğlu E.  
Türkiye Klinikleri Journal of Medical Sciences, vol.33, no.5, pp.1236-1244, 2013 (Scopus)
- IX. **The new hybrid method for classification of patients by gene expression profiling**  
Cosgun E., KARAAĞAOĞLU A. E.  
Journal of Integrated Design and Process Science, vol.14, no.2, pp.27-42, 2010 (Scopus)
- X. **Thickness of the retinal nerve fiber layer in patients with anisometropic and strabismic amblyopia**  
Bozkurt B., Irkeç M., Orhan M., KARAAĞAOĞLU A. E.  
Strabismus, vol.11, no.1, pp.1-7, 2003 (Scopus)
- XI. **Meta-analysis of quality of life constructs in antihypertensive drug therapies**  
Akcil M., KARAAĞAOĞLU A. E.  
Turkish Journal of Medical Sciences, vol.29, no.4, pp.455-460, 1999 (Scopus)
- XII. **Some common mistakes committed by medical scientists in using statistical techniques**  
Karaağaoğlu A. E., Yıldırım F.  
JOURNAL OF APPLIED STATISTICAL SCIENCE, vol.4, pp.11-21, 1999 (Peer-Reviewed Journal)
- XIII. **A questionnaire for the assessment of quality of life in cancer patients in Turkey.**  
Ozyilkan O., KARAAĞAOĞLU A. E., Topeli A., Kars A., Baltali E., Tekuzman G., Firat D.  
Materia medica Polona. Polish journal of medicine and pharmacy, vol.27, no.4, pp.153-156, 1995 (Scopus)

- XIV. **Neonatal lymphocyte subpopulations of the cases with neural tube defects**  
Şeniz F. N., Laleli Y., Ergül P., Gürakan B. A., Serdar Firat M., Karaağaoğlu E.  
Journal of Neuroimmunology, vol.52, no.1, pp.101-104, 1994 (Scopus)
- XV. **Non-Hodgkin's Lymphomas in Turkey: Eighteen Years' Experience at the Hacettepe University**  
Barista I., Tekuzman G., Firat D., Baltali E., Kansu E., Kars A., Özisik Y., Ruacan S., Uzunalimoglu B., Karaagaoglu E.  
Japanese Journal of Cancer Research, vol.85, no.12, pp.1200-1207, 1994 (Scopus)
- XVI. **Risk factors affecting the mortality in acute gastric mucosal lesions.**  
Altaca G., Dereli Z., Sayek I., KARAAĞAOĞLU A. E.  
Acta chirurgica Belgica, vol.94, no.5, pp.263-265, 1994 (Scopus)
- XVII. **Maternal lymphocyte subsets in the cases with neural tube defects.**  
Seniz F., Gürakan B., Firat S., Kayaalp A., Tokali E., Laleli Y., KARAAĞAOĞLU A. E.  
Journal of clinical & laboratory immunology, vol.40, no.4, pp.181-186, 1993 (Scopus)
- XVIII. **THE EFFECTS OF PROSTATIC MASSAGE ON SERUM PAP AND PSA LEVELS**  
Şahin A., Karaağaoğlu A. E.  
BULLETIN DU CANCER, vol.79, no.11, pp.1097-1100, 1992 (Scopus)
- XIX. **Development of urethral stricture after transurethral prostatectomy: A retrospective study**  
Balbay M., Ergen A., ŞAHİN A., Lekili M., Ulucay S., Karaağaoğlu E.  
International Urology and Nephrology, vol.24, no.1, pp.49-53, 1992 (Scopus)
- XX. **The effects of prostatic massage on serum PAP and PSA levels LES EFFETS DU MASSAGE PROSTATIQUE SUR LES TAUX DE PAP ET DE PSA**  
ŞAHİN A., ÖZEN H., Balbay D., Bircan K., Koray Z., KARAAĞAOĞLU A. E., Remzi D.  
Bulletin du Cancer, vol.79, no.11, pp.1097-1100, 1992 (Scopus)
- XXI. **Levels of IgE in the serum of patients with coronary arterial disease**  
Korkmaz M. E., Oto A., Saraclar Y., Oram E., Oram A., Ugurlu S., Karamehmetoglu A., Karaagaoglu E.  
International Journal of Cardiology, vol.31, no.2, pp.199-204, 1991 (Scopus)
- XXII. **Raveron® versus placebo in the conservative treatment of benign prostatic hyperplasia (BPH)**  
Bircan K., ÖZEN H., Ergen A., Basar I., ÖZGÜR S. F., Ilker Y., KARAAĞAOĞLU A. E., Remzi D.  
Hacettepe Medical Journal, vol.23, no.1, pp.75-80, 1990 (Scopus)
- XXIII. **Raveron® versus placebo in the conservative treatment of benign prostatic hyperplasia (BPH)**  
Bircan K., ÖZEN H., Ergen A., Başar I., Özgür S., Ilker Y., Karaağaoğlu E., Remzi D.  
International Urology and Nephrology, vol.22, no.4, pp.345-348, 1990 (Scopus)
- XXIV. **Development and application of a simple expert system for the interpretation of the antepartum fetal heart rate tracings (version 88/2.29)**  
Beksaç M., Özdemir K., Karakaş Ü., Yalçın S., Karaağaoğlu E.  
European Journal of Obstetrics and Gynecology and Reproductive Biology, vol.37, no.2, pp.133-141, 1990 (Scopus)

## **Books & Book Chapters**

- I. **TANI TESTLERİNİN DEĞERLENDİRİLMESİNDE İSTATİSTİKSEL YÖNTEMLER**  
Karaağaoğlu A. E., Karakaya Karabulut J., Kılıçkap M.  
DETAY YAYINCILIK, Ankara, 2016
- II. **DENEY DÜZENLEMEDE İSTATİSTİKSEL YÖNTEMLER**  
Muluk F. Z., Kurt S., Karaağaoğlu A. E., Toktamış Ö.  
GAZİ KİTAPEVİ, Ankara, 2009

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

- I. **Kantil Regresyon Yöntemi İle Oluşturulan Pediatrik Büyüme Eğrilerinin Model Uyumunun Worm Grafiği İle Değerlendirilmesi**

Çakmak E., Karaağaoğlu A. E., Kılıç S., Özdemir P.

23. Ulusal ve 6. Uluslararası Biyoistatistik Kongresi, Ankara, Turkey, 26 - 29 October 2022, pp.35

**II. Periton Diyaliz Hastalarında Sağkalım ve Uzunlmasına Verilerin Birlikte Modellemesi: Kişiyeye Özgü Dinamik Risk Kestirimleri**

Başol Göksülük M., Göksülük D., Karaağaoğlu A. E.

23. Ulusal ve 6. Uluslararası Biyoistatistik Kongresi, Ankara, Turkey, 26 - 29 October 2022, pp.11

**III. Determination of Effective Degrees of Freedom of Parameters in Box-Cox Cole Green (BCCG) Distribution and Comparison of Model Performances Smoothed for Pediatric Growth Curves**

Başol Göksülük M., Karaağaoğlu A. E.

XXI. Ulusal ve IV. Uluslararası Biyoistatistik Kongresi, Ankara, Turkey, 28 - 30 October 2021, pp.123

**IV. Çok Kategorili Hastalık Durumlarında Tanısal Modele Yeni Bir Belirteç Eklenmesinin Tanı Performansındaki Değişime Etkisinin İncelenmesi**

Şenol H., Karaağaoğlu A. E.

XXII. Ulusal ve V. Uluslararası Biyoistatistik Kongresi, Ankara, Turkey, 28 - 30 October 2021, pp.19

**V. RNA-Dizileme Verilerinin Kesikli Dağılıma Dayalı Yöntemler ile Sınıflandırılması**

Göksülük D., Karaağaoğlu A. E.

XXI. Ulusal ve IV. Uluslararası Biyoistatistik Kongresi, Antalya, Turkey, 26 - 29 October 2019, pp.9-10

**VI. RServe ile Geçerlik ve Güvenirlik için Kapsamlı Bir Web Arayüzü**

Öztürk E., Bakırarar B., Karahan S., Karaağaoğlu A. E.

XX. Ulusal ve III. Uluslararası Biyoistatistik Kongresi, Gaziantep, Turkey, 26 - 29 October 2018, pp.202

**VII. Sıfır Yığılımlı (Zero-Inflated) Kesikli Verilerin Modellenmesinde Regresyon Yaklaşımları**

Başol Göksülük M., Göksülük D., Karaağaoğlu A. E.

XX. Ulusal ve III. Uluslararası Biyoistatistik Kongresi, Gaziantep, Turkey, 26 - 29 October 2018, pp.24-25

**VIII. A COMPARISON OF CONFIDENCE INTERVAL METHODS FOR PROPORTION**

BAŞOL M., ÖZTÜRK E., AYDIN HAKLI D., KARAAĞAOĞLU A. E.

10th International Statistics Congress, 6 - 08 December 2017

**IX. Visualizing Trends and Patterns in Cancer Mortality Among Cities of Turkey, 2009-2016**

ÖZTÜRK E., AYDIN HAKLI D., BAŞOL M., KARAAĞAOĞLU A. E.

10th International Statistics Congress, Ankara, Turkey, 6 - 08 December 2017

**X. Evaluating Time - Dependent Cut-Off Values for Longitudinal Data**

KONAR N. M., KARAIŞMAİLOĞLU E., KARAAĞAOĞLU A. E.

19th National Biostatistics Congress and 2nd International Biostatistics Congress, Antalya, Turkey, 25 - 28 October 2017

**XI. Bootstrap Güven Aralığı Yöntemlerinin Karşılaştırılması**

BAŞOL M., GÖKSÜLÜK D., KARAAĞAOĞLU A. E.

19. ULUSAL VE 2. ULUSLARARASI BİYOİSTATİSTİK KONGRESİ, Antalya, Turkey, 25 - 28 October 2017

**XII. Factors Effecting the Diagnostic Performance of Longitudinal Biomarkers: A Simulation Study**

KONAR N. M., KARAIŞMAİLOĞLU E., KARAAĞAOĞLU A. E.

Joint Conference on Biometrics Biopharmaceutical Statistics, Viyana, Austria, 28 August - 01 September 2017

**XIII. Factors effecting the diagnostic performance of longitudinal biomarkers: a simulation study**

KONAR N. M., KARAIŞMAİLOĞLU E., KARAAĞAOĞLU A. E.

Joint Conference on Biometrics Biopharmaceutical Statistics, 28 August - 01 September 2017

**XIV. The Use of Joint Modeling Approach in Personalized Medicine**

KONAR N. M., KARAIŞMAİLOĞLU E., KARAAĞAOĞLU A. E.

9th EMR-IBS and Italian Region conference, Selanik, Greece, 8 - 12 May 2017

**XV. A comprehensive simulation study for comparison of statistical methods in MRMC ROC studies**

BAŞOL M., GÖKSÜLÜK D., KARAAĞAOĞLU A. E.

The 9th Conference of Eastern Mediterranean Region International Biometric Society, SELANİK, Greece, 8 - 12 May 2017

**XVI. Correlation Between Clinical Features and Genetic Diversity of Echinococcus granulosus Sensu Stricto (S.S.) in Turkey-Preliminary Findings.**

ÖRSTEN S., Boufana B., ÇİFTÇİ T. T., AKINCI D., KARAAĞAOĞLU A. E., ÖZKUYUMCU C., Casulli A., AKHAN O.  
8th National and 1st International Congress of Hydatidology, Çorum, Turkey, 13 - 15 April 2017

- XVII. **ROC Analizi için Alternatif Yöntemler FROC ve AFROC Analizi**  
BAŞOL M., GÖKSÜLÜK D., KARAAĞAOĞLU A. E.  
XVIII. Ulusal ve I. Uluslararası Biyoistatistik Kongresi ; XVIII. National and I. International Biostatistics Congress, 26 - 29 October 2016
- XVIII. **Sensitivity Analysis Of Joint Models Under Different Parameterizations**  
BAŞOL M., GÖKSÜLÜK D., KARAAĞAOĞLU A. E.  
XVIII. Ulusal ve I. Uluslararası Biyoistatistik Kongresi ; XVIII. National and I. International Biostatistics Congress, 26 - 29 October 2016
- XIX. **Comparison of diagnostic performance of repeated measurements and baseline measurement of troponin ı in prdicting death in an emergency setting**  
KONAR N. M., KARAIŞMAİLOĞLU E., KARAAĞAOĞLU A. E.  
37th Annual Conference of the ISCB, 21 - 25 August 2016
- XX. **ÇOK TESTLİ ÇOK DEĞERLENDİRİCİLİ ROC ÇALIŞMALARINDA KULLANILAN YÖNTEMLERİN FARKLI DENEY TASARIMLARI YARDIMIYLA KARŞILAŞTIRILMASI**  
BAŞOL M., KARAKAYA KARABULUT J., KARAAĞAOĞLU A. E.  
XVII. ULUSAL BİYOİSTATİSTİK KONGRESİ, Turkey, 5 - 09 November 2015
- XXI. **easyROC ROC analizi için interaktif bir yazılım**  
GÖKSÜLÜK D., KORKMAZ S., ZARARSIZ G., KARAIŞMAİLOĞLU E., KARAAĞAOĞLU A. E.  
XVII. ULUSAL BİYOİSTATİSTİK KONGRESİ, Turkey, 5 - 09 November 2015
- XXII. **NEGATIVE BINOMIAL LINEAR DISCRIMINANT ANALYSIS FOR THE CLASSIFICATION OF RNA SEQ DATA**  
GÖKSÜLÜK D., ZARARSIZ G., KORKMAZ S., KARAAĞAOĞLU A. E.  
The 8th Conference of Eastern Mediterranean Region of International Biometric Society, Turkey, 11 - 15 May 2015
- XXIII. **DETERMINATION OF THE REFERENCE INTERVALS FOR THE PLASMA AND URINE AMINO ACIDS**  
COŞGUN E., ÖKTEM M., KURTOĞLU E., KARAAĞAOĞLU A. E., LALELİ Y.  
The 8th Conference of Eastern Mediterranean Region of International Biometric Society, Turkey, 11 - 15 May 2015
- XXIV. **THE EFFECT OF CORRELATION STRUCTURE BETWEEN DIAGNOSTIC TESTS ON NET RECLASSIFICATION IMPROVEMENT NRI AND INTEGRATED DISCRIMINATION IMPROVEMENT IDI**  
KONAR N. M., KARAIŞMAİLOĞLU E., GÖKSÜLÜK D., KARAAĞAOĞLU A. E.  
The 8th Conference of Eastern Mediterranean Region of International Biometric Society, Turkey, 11 - 15 May 2015
- XXV. **Effectiveness analysis of electronic resources at the Hacettepe University**  
Cosgun E., Küyük A., KARABULUT E., KARAAĞAOĞLU A. E.  
15th International Conference on Electronic Publishing, ELPUB 2011, İstanbul, Turkey, 22 - 24 June 2011, pp.44-51