

BEYZA DOGANAY ERDOGAN

Curriculum Vitae

EDUCATION

Ph.D. in Biostatistics (May, 2012)

Ankara University, Ankara, Turkey.

(Assessing the Performance of Multiple Imputation Techniques for Rasch Models with a Simulation Study, Advisor: Prof. Atilla Halil ELHAN)

M.S. in Biostatistics (July, 2007)

Ankara University, Ankara, Turkey.

(Mixed Effects Models for Analyzing Longitudinal Studies, Advisor: Assist. Prof. Serdal Kenan KÖSE)

B.S. in Statistics (June, 2004)

Hacettepe University, Ankara Turkey.

ACADEMIC & PROFESSIONAL EXPERIENCE

Associate Professor, had the title in February 2017 (Successfully fulfilled the requirements of the Inter-University Council)

Assistant Professor, December 2013 – To date

Ankara University, School of Medicine, Department of Biostatistics, Ankara Turkey.

Research & Teaching Assistant, March 2005 – December 2013

Ankara University, School of Medicine, Department of Biostatistics, Ankara, Turkey.

Sr. Biostatistician, April 2017 – September 2017

Northshore University HealthSystem Research Institute, Evanston, IL, USA.

Visiting Researcher, April 2014

ESPN/ ERA-EDTA Registry in the Academic Medical Center (AMC) in Amsterdam, Netherlands.

Visiting Researcher, September 2009 – July 2010

Division of Epidemiology and Biostatistics, University of Illinois at Chicago, Illinois, Chicago, USA.

Exchange Student, April 2009 – August 2009

Inter University Institute for Biostatistics and Statistical Bioinformatics, Hasselt University, Campus Diepenbeek, Diepenbeek, Belgium.

TEACHING EXPERIENCE

Courses Taught at the Faculty of Medicine (Undergraduate Level):

- Introduction to Research and Fundamental Statistical Methods (Fall 2015, Spring 2015)
- Planning and Conducting Research (Fall 2015, Spring 2015, Fall 2016)

Courses Taught at the Department of Biostatistics (Graduate Level):

- Biostatistics (Fall 2015) (MSc -level)
- Biostatistical Consulting (Spring 2016)
- Programming with R (Fall 2013, 2015)
- Generalized Linear Models (Spring 2016)
- Longitudinal Data Analysis (Fall 2016)

Course Taught at the Institute of Health Sciences (Graduate Level):

- Application of Statistical Methods to Health Sciences (Spring 2016)

SERVICE TO THE UNIVERSITY

- Master's thesis advisor (Biostatistics):

Ebru Turgal: "*Joint Modeling of Survival and Longitudinal Non-Survival Data with an Application to Medical Data.*", December, 2016.

RESEARCH GRANTS

- "*Screening of candidate prognostic biomarker genes in pediatric precursor B-ALL*", Funded by The Scientific and Technological Research Council of Turkey (TUBITAK-3001, (141S030)). May 2014 – December 2015.
- "*A Comprehensive Audit of the Content and Quality of Patient Reported Outcome Measures (PROM's) for Rheumatoid Arthritis and Osteoarthritis*". Funded by European League Against Rheumatism (EULAR). April 2012-April 2014.
- "*Assessment of Disability by Computer Adaptive Testing Method in Patients with Rheumatoid Arthritis*", Funded by The Scientific and Technological Research Council of Turkey (TUBITAK-1001, (109S342)). April 2010 – April 2012.

AWARDS & SCHOLARSHIPS

- *Award of Fellow of Rasch Special Interest Group* at OMERACT (Outcome Measures in Rheumatology) May 7-10, 2014. Budapest, Hungary
- *Erasmus Scholarship* of exchange student at Hasselt University, Center for Statistics (Interuniversity Institute for Biostatistics and Statistical Bioinformatics, Universiteit Hasselt Diepenbeek Belgium & Katholieke Universiteit Leuven Belgium), May 1, 2009 – July 30, 2009.
- *Awarded a Grant of \$13,500* in support of dissertation research by The Scientific and Technological Research Council of Turkey (TUBITAK) at the University of Illinois at Chicago, September 2009 – July 2010.

PROFESSIONAL ACTIVITIES

Member of the Reviewer Board for:

- Archives of Rheumatology (Formerly Turkish Journal of Rheumatology)
- Acta Oncologica Turcica
- Clinical Dendistry & Research
- Turkish Journal of Endocrinology and Metabolism

Member of Ethics Committee for:

- Zekai Tahir Burak Women's Health and Research Hospital (January 2016 – To date)

Member of Organizing Committee for:

- 16. National Biostatistics Congress, Antalya, Turkey, 10-12 September 2014.

Charter Member of:

- Psychometric Laboratory at Department of Biostatistics, Faculty of Medicine, Ankara University, October 22, 2010.

INVITED COURSES / WORKSHOPS

- Advanced Biostatistics, Ankara Chamber of Medicine (ATO), May 26- June 2, 2012.
- Introductory Biostatistics, Ankara Chamber of Medicine (ATO), Ankara, Turkey, January 7-10, 2012.

- Introduction to Rasch Analysis: Introducing Rasch models Under the Modern Test Theory, XIV. National Biostatistics Congress with International Participation, September 4-7, Kayseri, Turkey, 2012.
- Introductory Rasch Analysis: Learning the Principles of Rasch Analysis, Setting Up Data in RUMM2030, the Analysis of Both Dichotomous and Polytomous Data. Ankara University Faculty of Medicine Department of Biostatistics' Psychometric Laboratory 30 September 2011 - 2 October 2011
- Introductory Biostatistics with SPSS, 6th Surgery Congress, 8 December 2011, Ankara, Turkey.
- Biostatistics and Applied Clinical Research Methodologies, 3rd National Rheumatic Diseases Congress, 13-14 May 2008, Antalya, Turkey.
- Clinical Research Methodology Workshop (Applied Statistics), National Institute of Health (NIH) "Promoting Child Development: Yale-Ankara Collaboration" Project Developmental – Behavioral Pediatrics Unit Educational Series - II, 22 October 2005, Ankara, Turkey.

PARTICIPATED COURSES / WORKSHOPS

- Introduction to Clinical Research, Turkish Medicines and Medical Devices Agency of Turkish Ministry of Health, Ankara, Turkey. March 21, 2016.
- The Rasch Measurement Model Workshop, University of Lucerne, Switzerland, June 20-22, 2016. (Instructor: Prof. David Andrich, Chapple Professor, Graduate School of Education, The University of Western Australia)
- Two-day short course on Longitudinal Data Analysis: Applications to Pre-Clinical Studies, Société Française de Statistique Institut Henri Poincaré Paris, France, 16-17 June 2009. (Instructor: Prof. Geert Molenberghs, Hasselt University, Diepenbeek, Belgium & Katholieke University, Leuven, Belgium)
- Two-day workshop on Mixed Models for Clustered and Longitudinal Data, Atlantic City, USA, 11-12 December 2008. (Instructor: Prof. Donald Hedeker, University of Illinois at Chicago, School of Public Health, Division of Epidemiology and Biostatistics)

- Graduate Summer School on New Advances in Statistics, Modules: Categorical Data Analysis, Time Series and Panel Data Analysis, Robust Statistical Methods, Biostatistics, METU-Ankara, 11-24 August 2007.

INVITED TALKS AT SCIENTIFIC MEETINGS

- Gave Talk “*SmartCAT: new version*” European Rasch Training Group (ERTG) meeting, Faculty of Medicine and Health, Leeds University, Leeds, England, 23-24 May 2013.
- Gave Talk “*Rasch Model Applications on Gene Expression Data*” European Rasch Training Group (ERTG) meeting, Faculty of Medicine and Health, Leeds University, Leeds, England, 23-24 May 2013.
- Gave Talk “*Introduction to Computer Adaptive Testing*” European Rasch Training Group (ERTG) meeting, Faculty of Medicine and Health, Leeds University, Leeds, England 17-19 April 2012.
- Gave Talk “*SmartCAT Software*” at Seminar and Meetings arranged by the MOSAIC research project under the auspices of the University of Gothenburg Centre for Person-Centred Care at the University of Gothenburg, 20-24 August 2011, Gothenburg, Sweden.

STATISTICAL SOFTWARE SKILLS

SAS, SPSS, Stata, R, Matlab, WINSTEPS, Mplus, MedCalc, NCSS/PASS, HLM, RUMM2030, GraphPad Prism – Advanced

SQL - Intermediate

Python – Basic

MS Office (Word, Excel, Power Point) – Advanced

Latex - Intermediate

SOFTWARE DEVELOPMENT

Member of the Development Team of:

- SmartCAT: Rasch model based Computer Adaptive Testing (CAT) implementation, analysis and simulation software that uses the developed item bank.

- SmartCAT (web-based version): Rasch model based Computer Adaptive Testing (CAT) implementation web based tool that uses the developed item bank. [www.smartcatlabs.com]

PEER REVIEWED STATISTICAL & METHODOLOGICAL MANUSCRIPTS

1. Tekindal M.A., **Erdogan B.D.**, Yavuz Y. “Evaluating Left-Censored Data Through Substitution, Parametric, Semi-parametric, and Nonparametric Methods: A Simulation Study.” *Interdiscip Sci.* 2015[Published Ahead-of-Print]. DOI: 10.1007/s12539-015-0132-9
2. **Doganay Erdogan B.**, Elhan A.H., Kaskatı O.T., Öztuna D., Küçükdeveci A.A., Kutlay Ş., Tennant A. “Integrating patient reported outcome measures and computerized adaptive test estimates on the same common metric: an example from the assessment of activities in rheumatoid arthritis.” *Int J Rheum Dis (ISI)*, 2015 [Published Ahead-of-Print]. DOI: 10.1111/1756-185X.12571.
3. **Doganay Erdogan B.**, Leung Y.Y., Pohl C., Tennant A., Conaghan P.G. “Minimal Clinically Important Difference as Applied in Rheumatology: An OMERACT Rasch Working Group Systematic Review and Critique.” *J Rheumatol (ISI)*, 43(1):194-202 pp., 2015. DOI:10.3899/jrheum.141150.
4. Demirtaş H., Amatya A., **Doganay B.** “BinNor: An R package for concurrent generation of binary and normal data.” *Communications in Statistics-Simulation and Computation (ISI)*. 43(3):569-579 pp., 2014. DOI: 10.1080/03610918.2012.707725.
5. **Doganay Erdogan B.**, Elhan A.H., Demirtaş H., Öztuna D., Küçükdeveci A.A., Kutlay Ş. “Multiple Imputation of Missing Values Using the Response Function Method Based on a Data Set of the Health Assessment Questionnaire Disability Index.” *Turk J Rheumatol (ISI)*. 28(1):2-9 pp., 2013. DOI: 10.5606/tjr.2013.001.
6. Helenowski I.B., Demirtaş H., **Doganay Erdogan B.** “On Imputing Binary Data via Pairwise Associations and Corresponding Conditional Probabilities.” *Türkiye Klinikleri Biyoistatistik Dergisi, Türkiye Klinikleri J Biostat.* 4(1):1-9 pp., 2012.
7. Demirtaş H., **Doganay B.** “Simultaneous generation of binary and normal data with specified marginal and association structures.” (partly supported by The Scientific and Technological Research Council of Turkey [TUBITAK] in the form of pre-doctoral scholarship during the second author’s visit of University of Illinois at Chicago.) *Journal of Biopharmaceutical Statistics (ISI)*. 22(2):223-236 pp., 2012. DOI: 10.1080/10543406.2010.521874.

- Demirtaş H., Amatya A., Pugach O., Cursio J., Shi F., Morton D., **Doganay, B.** “Accuracy versus convenience: a simulation-based comparison of two continuous imputation models for incomplete ordinal longitudinal clinical trials data.” *Statistics and Its Interface (ISI)*. 2(4):449-456 pp., 2009. DOI: <http://dx.doi.org/10.4310/SII.2009.v2.n4.a6>.

PEER REVIEWED COLLABORATIVE & INTERDISCIPLINARY MANUSCRIPTS

- Kubilay P, **Doganay B**, Bektas M. Evaluation of Esophageal Functions by Manometry in Iron Deficiency Anemia Patients, *Gastroenterology Res.* 2017 Jun;10(3):166-171. DOI: 10.14740/gr850w. Epub 2017 Jun 30.
- Yalcinkaya F, Bonthuis M, **Erdogan BD**, van Stralen KJ, Baiko S, Chehade H, Maxwell H, Montini G, Rönnholm K, Sørensen SS, Ulinski T, Verrina E, Weber S, Harambat J, Schaefer F, Jager KJ, Groothoff JW. Outcomes of renal replacement therapy in boys with prune belly syndrome: findings from the ESPN/ERA-EDTA Registry, *Pediatr Nephrol (ISI)*. 2017 Aug 4. doi: 10.1007/s00467-017-3770-9. [Epub ahead of print]
- Belder N. Coşkun Ö., **Doğanay Erdoğan B.**, İlk Dağ Ö., Savaş B., Ensari A., Özdağ H. “From RNA Isolation to Microarray Analysis Comparison of Methods in FFPE Tissues”, *Pathology - Research and Practice (ISI)*. 212(8):678-85 pp., 2016. DOI: 10.1016/j.prp.2015.11.008
- Soydal C, Koksoy EB, Yasar A, Turgal E, **Doganay Erdogan B**, Akbulut H, Kucuk NO. “Prognostic Importance of Bone Marrow Uptake on Baseline ¹⁸F-FDG Positron Emission Tomography in Diffuse Large B Cell Lymphoma” *Cancer Biother Radiopharm (ISI)*, 31(10):361-365, 2016. DOI: 10.1089/cbr.2016.2132.
- Ozcelik M, Guclu C, Bermede O, Baytas V, Altay N, Karahan MA, Erdogan B, Can O. “The admisintration sequence of propofol and remifentanil does not affect the ED50 and ED95 of rocuronium in rapid sequence induction of anesthesia: a double blind randomized controlled trial”. *Eur Rev Med Pharmacol Sci (ISI)*. 2016 Apr;20(8):1479-89.
- Bektas H, Karabulut H, **Doganay B**, Acar B. “Allergens might trigger migraine attacks.” *Acta Neurol Belg.* [Epub ahead of print]2016 May 3. DOI: 10.1007/s13760-016-0645-y
- Belder N. Coşkun Ö., **Doganay Erdogan B.**, İlk Dag Ö., Savaş B., Ensari A., Özdağ H. “From RNA Isolation to Microarray Analysis Comparison of Methods in FFPE Tissues”, *Pathology -*

Research and Practice (ISI). 212(8):678-85, 2016.
DOI: 10.1016/j.prp.2015.11.008

8. Belder N, Coşkun Ö, **Erdogan BD**, Savaş B, Ensari A, Özdağ H. “Optimization of gene expression microarray protocol for formalin-fixed paraffin-embedded tissues.” *Genom Data*. 2016 Feb 6;7:303-6. DOI: 10.1016/j.gdata.2016.02.006.
9. Yagcı R., Güler E., Kulak A.E., **Erdogan B.D.**, Balcı M., Hepşen İ.F. “Repeatability and reproducibility of a new optical biometer in normal and keratoconic eyes.” *J Cataract Refract Surg (ISI)*, 41(1):171-177 pp., 2015. DOI: 10.1016/j.jcrs.2014.04.039.
10. Bavbek S., Kepil Özdemir S., **Doganay Erdogan B.**, Karaboga I., Büyüköztürk S., Gelincik A., Yılmaz İ., Göksel Ö., Dursun A.B., Karakaya G., Kalyoncu A.F., Özşeker F., Paşaoğlu Karakış G., Öner Erkeköl F., Köycü G., Keren M., Baiardini I., Romano A. “Turkish version of the Drug Hypersensitivity Quality of Life Questionnaire: assessment of reliability and validity.” *Qual Life Res (ISI)*. 25(1):101-109 pp., 2015. DOI: 10.1007/s11136-015-1051-2.
11. Idilman I.S., Akata D., Hazirolan T., **Doganay Erdogan B.**, Aytemir K., Karcaaltincaba M. “Nonalcoholic fatty liver disease is associated with significant coronary artery disease in type 2 diabetic patients: A computed tomography angiography study.” *J Diabetes (ISI)*.7(2):279-286 pp., 2015. DOI: 10.1111/1753-0407.12172.
12. Ipek A., Idilman I.S., Kurt A., Cay N., Unal O., **Doganay Erdogan B.**, Keskin H.L., Arslan H. “Foetal biometry in polyhydramnios: Does femur length fall behind?” *J Obstet Gynaecol (ISI)*. 2015[Published Ahead-of-Print]. DOI: 10.3109/01443615.2015.1049992.
13. Biberoglu E.H., Kirbas A., Dirican A.Ö., Genc M., Avci A., **Doganay B.**, Uygur D., Biberoglu K. “Alterations in lipid peroxidation and T-cell function in women with hyperemesis gravidarum.” *J Obstet Gynaecol (ISI)*. 36(1):93-96 pp., 2015. DOI: 10.3109/01443615.2015.1030604.
14. Biberoglu E., Kirbas A., Iskender C., Dirican A., Daglar H., Demirtas C., **Doganay B.**, Uygur D., Biberoglu K. “Disturbed release of cholecystokinin in pregnant women with hyperemesis gravidarum.” *J Obstet Gynaecol Res (ISI)*. 41(4):505-511 pp., 2015. DOI: 10.1111/jog.12562.
15. Akpınar E.E., Hoşgün D., Akpınar S., Ataç G.K., **Doganay B.**, Gülhan M. “Incidence of pulmonary embolism during COPD exacerbation.” *J Bras Pneumol (ISI)*. 40(1):38-45 pp., 2014. DOI: 10.1590/S1806-37132014000100006.

16. Bektas M., Seven G., Idilman R., Yakut M., **Doganay B.**, Kabacam G., Ustun Y., Korkut E., Kalkan Ç., Sahin G., Cetinkaya H., Bozkaya H., Yurdaydin C., Bahar K., Cinar K., Soykan I., “Manometric assessment of esophageal motor function in patients with primary biliary cirrhosis.” *Eur J Intern Med (ISI)*. 25(3):230-234 pp., 2014. DOI: 10.1016/j.ejim.2014.01.008.
17. Özyol E., Özyol P., **Doganay Erdogan B.**, Önen M. “The role of anterior hyaloid face integrity on retinal complications during Nd: YAG laser capsulotomy.” *Graefes Arch Clin Exp Ophthalmol (ISI)*. 252(1):71-75 pp., 2014. DOI: 10.1007/s00417-013-2526-x.
18. Özyol P., Özyol E., **Erdogan B.D.** “The Interaction of Nepafenac and Prostaglandin Analogs in Primary Open-angle Glaucoma Patients.” *J Glaucoma (ISI)*. 2014[Published Ahead-of-Print]. DOI: 10.1097/IJG.0000000000000204.
19. Erdogan F.G., Güven M., **Erdogan B.D.**, Gürler A. “Previous nail surgery is a risk factor for recurrence of ingrown nails.” *Dermatol Surg (ISI)*. 40(10):1152-1154 pp., 2014. DOI: 10.1097/01.DSS.0000452651.44883.c1.
20. Polat M., Boynukalın F.K., Yaralı I., **Erdogan B.D.**, Bozdog G., Yaralı H. “Transient intrauterine fluid accumulation not due to hydrosalpinx or any identifiable pelvic pathology is not detrimental to IVF outcome.” *Arch Gynecol Obstet (ISI)*. 290(3):569-573 pp., 2014. DOI: 10.1007/s00404-014-3245-1.
21. Yüksel B., Ataman Ş., Evcik D., Ay S., Mumcuoglu M., **Erdogan B.** “Is there an association between Two-STAT4 gene polymorphisms and rheumatoid arthritis in Turkish population?” *Arch Rheumatol (Formerly Turkish Journal of Rheumatology) (ISI)*. 29(1):20-27 pp., 2014. DOI: 10.5606/tjr.2014.3967.
22. Soydal C., Yüksel C., Küçük NÖ, Okten I, Ozkan E, **Doganay Erdogan B.** “Prognostic Value of Metabolic Tumor Volume Measured by 18F-FDG PET/CT in Esophageal Cancer Patients. ” *Mol Imaging Radionucl Ther*. 23(1):12-15 pp., 2014 DOI: 10.4274/Mirt.07379.
23. İdilman İ., Peynircioglu B., Çil B.E., **Doganay Erdogan B.**, Yalçın S., Bayraktar Y., Kav T., Altundag K., Balkancı F. “Transarterial chemoembolization for treatment of hepatocellular carcinoma: A single center experience.” *Turk J Gastroenterol (ISI)* 24(2):141-147 pp., 2013. DOI: 10.4318/tjg.2013.0709.
24. Akpınar E.E., Hoşgün D., **Doganay B.**, Ataç G.K., Gülhan M. “Should the cut-off value of D-dimer be elevated to exclude pulmonary embolism in acute exacerbation of COPD?” *J Thorac Dis (ISI)*. 5(4):430-434 pp., 2013. DOI: 10.3978/j.issn.2072-1439.2013.07.34.

25. Çelik T., **Doganay Erdogan B.**, Aydın S., Kolgelier S. “Anti-Toxoplasma antibody prevalence, primary infection rate, and risk factors in a study of toxoplasmosis in 1.026 pregnant women southeastern Turkey.” *HealthMED*, 7(4):1331-1337 pp., 2013.
26. Taçyıldız N., Özyörük D., Özelci Kavas G., Yavuz G., Ünal E., Dinçaslan H., Atalay S., Uçar T., İkinciogulları A., **Doganay B.**, Oktay G., Çavdar A., Küçük Ö. “Selenium in the Prevention of Anthracycline-Induced Cardiac Toxicity in Children with Cancer.” *J Oncol*, Article ID: 651630, 6 pages, 2012. DOI: 10.1155/2012/651630.
27. Özçakar Z.B., **Doganay Erdogan B.**, Elhan A.H., Yalçınkaya F. “Familial mediterranean fever in siblings.” *J Rheumatol (ISI)*. 39(11):2170-2174 pp., 2012. DOI: 10.3899/jrheum.120530.
28. Yazıcıoğlu H., Özgök A., Balaban F., **Doganay B.**, Ünver S. “Single dose esmolol attenuates bispectral index scale response to intubation during fentanyl-midazolam anesthesia for cardiac surgery.” *Türk Göğüs Kalp Damar Cerrahisi Dergisi-Turkish Journal of Thoracic and Cardiovascular Surgery (ISI)*. 20(1):72-78 pp., 2012. DOI: 10.5606/tgkdc.dergisi.2012.012.
29. İdilman R., Bozkuş Y., Seval G., Mızrak D., Çınar K., Üstün Y., Bektaş M., Arat M., Akbulut H., **Doganay B.**, Özden A. “Lymphoproliferative disorders in individuals with chronic hepatitis B and C in the Turkish population.” *J Med Virol (ISI)*. 83(6):974-980 pp., 2011. DOI: 10.1002/jmv.21747.
30. İdilman R., Bektaş M., Çınar K., Toruner M., Cerit E.T., **Doganay B.**, Erden E., Bozkaya H., Bahar K., Karayalçın S., Soykan I., Palabıyıkoglu M., Çetinkaya H., Yurdaydın C., Dökmeci A., Özden A. “The characteristics and clinical outcome of drug-induced liver injury: a single-center experience.” *J Clin Gastroenterol (ISI)*. 44(6):e128-32 pp., 2010. DOI: 10.1097/MCG.0b013e3181c5e9cc.
31. Bakkaloglu S.A., Saygılı A., Sever L., Aksu N., Noyan A., Akman S., Ekim M., **Doganay B.**, Yıldız N., Akalin F., Çalışkan S., Kara O.D., Düzova A., Soylu A., Atalay S. “Impact of peritoneal transport characteristics on cardiac function in Paediatric peritoneal dialysis patients: a Turkish Pediatric Peritoneal Dialysis Study Group (TUPEPD) report.” *Nephrol Dial Transplant (ISI)*. 25(7):2296-2303 pp., 2010. DOI: 10.1093/ndt/gfq027.
32. Bektaş M., **Doganay B.**, Alkan M, Ustun Y, Soykan I. “Esophageal motor function in Familial Mediterranean Fever: a prospective evaluation of motility in 31 patients.” *Eur J Intern Med (ISI)*. 20(5):548-550 pp., 2009. DOI: 10.1016/j.ejim.2009.04.005.

33. Bakkaloglu S.A., Saygılı A., Sever L., Noyan A., Akman S., Ekim M., Aksu N., **Doganay B.**, Yıldız N., Düzova A., Soylu A., Alpay H., Sonmez F., Civilibal M., Erdem S., Kardelen F. “Assessment of cardiovascular risk in paediatric peritoneal dialysis patients: a Turkish Pediatric Peritoneal Dialysis Study Group (TUPEPD) report.” *Nephrol Dial Transplant (ISI)*. 24(11):3525-3532 pp., 2009. DOI: 10.1093/ndt/gfp297.
34. Yalçinkaya F., Ozen S., Ozçakar Z.B., Aktay N., Cakar N., Düzova A., Kasapçopur O., Elhan A.H., **Doganay B.**, Ekim M., Kara N., Uncu N., Bakkaloglu A. “A new set of criteria for the diagnosis of familial Mediterranean fever in childhood.” *Rheumatology (Oxford)(ISI)*.48(4):395-398 pp., 2009. DOI:10.1093/rheumatology/ken509.
35. Ersoy E., Onder Devay A., Aktimur R., **Doganay B.**, Ozdogan M., Gündogdu R.H. “Comparison of the short-term results after Limberg and Karydakis procedures for pilonidal disease: Randomized prospective analysis of 100 patients.” *Colorectal Dis (ISI)*. 11(7):705-710 pp., 2009. DOI: 10.1111/j.1463-1318.2008.01646.x.
36. İdilman R., Mizrak D., Corapcioglu D., Bektas M., **Doganay B.**, Sayki M., Coban S., Erden E., Soykan I., Emral R., Uysal A.R., Ozden A. “Clinical trial: Insulin sensitizing agents may reduce consequences of insulin resistance in individuals with non-alcoholic steatohepatitis.” *Aliment Pharmacol Ther (ISI)*. 28(2):200-208 pp., 2008. DOI: 10.1111/j.1365-2036.2008.03723.x.
37. Bostancı I., Dallar Y., Ünsal Sac R., Karakoc E., **Doganay B.** “Latex allergy risk assessment in children and adolescents with type I diabetes mellitus.” *Pediatr Allergy Immunol (ISI)*. 18(8):687-691 pp., 2007. DOI: 10.1111/j.1399-3038.2007.00585.x.
38. Köse K.C., Bilgin S., Cebesoy O., Altinel L., Akan B., Guner D., **Doganay B.**, Adiyaman S, Demirtas M. “Clinical results versus subjective improvement with anterior transposition in cubital tunnel syndrome.” *Adv Ther (ISI)*. 24(5):996-1005 pp., 2007. DOI: 10.1007/BF02877704.

CONFERENCE PRESENTATIONS & PAPERS

1. **Doganay Erdogan B.**, van Stralen K.J., Bonthuis M., Jager K.J., Groothoff J.W., Schaefer F., Yalcinkaya F. “Outcome of Children with Prune Belly Syndrome.” 48th Annual Meeting of the European Society for Paediatric Nephrology, Brussels-Belgium, 03-05 September 2015. *Pediatr Nephrol (ISI)*, 30:1547-1548 pp., 2015. DOI: 10.1007/s00467-015-3158-7. O-14.

2. Bavbek S., Kepil Özdemir S., **Doganay Erdogan B.**, Karaboga I., Büyüköztürk S., Gelincik A., Yılmaz İ., Göksel Ö., Dursun A.B., Karakaya G., Kalyoncu A.F., Özşeker F., Paşaoğlu Karakış G., Öner Erkeköl F., Köycü G., Keren M., Baiardini I., Romano A. “Turkish version of the drug hypersensitivity quality of life questionnaire: assessment of reliability and validity.” EUROPEAN ACADEMY of ALLERGOLOGY and CLINICAL IMMUNOLOGY CONGRESS –Barcelona, Spain, 6-10 June 2015. Poster oturum no. 29, 581, 123 pp.
3. Tekindal M.A., Yavuz Y., **Doganay Erdogan B.** “Evaluating left-censored data through substitution, parametric, semiparametric, and non-parametric methods: a simulation study.” 36th Annual Conference of the International Society for Clinical Biostatistics Utrecht, the Netherlands, 23-28 August, 2015. Abstract Book:113 pp. P13.1.
4. Tekindal M.A., Yazıcı A.C., Güllü Ö., Doganay Erdogan B., Yavuz Y., Ögüş E. “Evaluating Right-Censored Data Through Substitution, Parametric, Semi-Parametric, and Nonparametric Methods: A Simulation Study.” The 8th Conference of Eastern Mediterranean Region of the International Biometric Society. Cappadocia-Nevşehir, Turkey, 11-15 May 2015. Abstract Book:131 pp.
5. Güllü Ö., Ateş C., Tekindal M.A., **Doganay Erdogan B.**, Yavuz Y., Gürcan İ.S., Ekici B. “Evaluating the Improvement of Model Performance with the Addition of Mean Platelet Volume Marker in a Cardiovascular Risk Prediction Model.” The 8th Conference of Eastern Mediterranean Region of the International Biometric Society. Cappadocia-Nevşehir, Turkey, 11-15 May 2015. Abstract Book:135 pp.
6. Turgal E., Dağlı İ., Yavuz Z., Köse S.K., **Doganay Erdogan B.** “Nonlinear Regression Analysis.” The 8th Conference of Eastern Mediterranean Region of the International Biometric Society. Cappadocia-Nevşehir, Turkey, 11-15 May 2015. Abstract Book:152 pp.
7. Ozkan T., Altınok Zaim B., Karadağ A., Ozdağ H., Sayinalp N., **Doganay Erdogan B.**, Sunguroğlu A. “Genome wide investigation of genes regulated by Beta-catenin in AML.” FEBS EMBO, Paris, 30 August-4 September 2014. FEBS Journal. 281(Suppl.1):468 pp., 2014. TUE-110.
8. **Doganay Erdogan B.**, Elhan A.H., Kaskatı O.T., Öztuna D., Küçükdeveci A.A., Kutlay Ş., Tennant A. “Integrating Patient Reported Outcome Measures And Computerized Adaptive Test Estimates On The Same Common Metric: An Example From The Assessment Of Physical Activities In Rheumatoid Arthritis.” 7th World Congress Of The International Society Of

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PROFESSIONAL ASSOCIATION MEMBERSHIPS

- American Statistical Association (ASA) since 2010
- The International Biometric Society (IBS) since 2006
- Turkish Biostatistics Association since 2005