

Asst. Prof. Gül İnan

Personal Information

Email: inan@itu.edu.tr

Education Information

Post Doctorate, University Of North Carolina At Chapel Hill, Gillings School Of Global Public Health, Department Of Biostatistics, United States Of America 2016 - 2016

Post Doctorate, University Of Minnesota-Twin Cities, College Of Liberal Arts, School Of Statistics, United States Of America 2015 - 2016

Doctorate, Orta Doğu Teknik Üniversitesi, Fen-Edebiyat Fakültesi, İstatistik, Turkey 2009 - 2014

Post Graduate, Orta Doğu Teknik Üniversitesi, Fen-Edebiyat Fakültesi, İstatistik, Turkey 2006 - 2009

Under Graduate, Orta Doğu Teknik Üniversitesi, Fen-Edebiyat Fakültesi, İstatistik, Turkey 2001 - 2006

Foreign Languages

English, B2 Upper Intermediate

Research Areas

Social Sciences and Humanities, Computer Sciences, Statistics, Natural Sciences

Academic Titles / Tasks

Assistant Professor, İstanbul Teknik Üniversitesi, Fen-Edebiyat Fakültesi, Matematik Mühendisliği Bölümü, 2018 - Continues

Research Assistant, Orta Doğu Teknik Üniversitesi, Fen-Edebiyat Fakültesi, İstatistik Bölümü, 2006 - 2013

Professional Experience

Deputy Head of Department, Istanbul Technical University, Fen-Edebiyat, Matematik Mühendisliği, 2018 - 2020

Courses

Statistics, Under Graduate, 2020 - 2021

Introduction to Data Science, Under Graduate, 2020 - 2021

Calculus I, Under Graduate, 2019 - 2020

Jury Memberships

Post Graduate, Post Graduate, İstanbul Teknik Üniversitesi, May, 2020

Post Graduate, Post Graduate, İstanbul Teknik Üniversitesi, December, 2019

Post Graduate, Post Graduate, İstanbul Teknik Üniversitesi, December, 2019

Doctorate, Doctorate, İstanbul Teknik Üniversitesi, June, 2019

Designed Lessons

İnan G., Introduction to Data Science, Under Graduate, 2020 - 2021

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

- I. **A marginalized multilevel model for bivariate longitudinal binary data**
İNAN G., İLK Ö.
STATISTICAL PAPERS, vol.60, is.3, pp.251-278, 2019 (Journal Indexed in SCI)
- II. **A PRESS statistic for working correlation structure selection in generalized estimating equations**
İnan G., Latif M. A. H. M. , Preisser J.
JOURNAL OF APPLIED STATISTICS, vol.46, is.4, pp.621-637, 2019 (Journal Indexed in SCI)
- III. **A population-averaged approach to diagnostic test meta-analysis**
Preisser J. S. , İnan G., Powers J. M. , Chu H.
BIOMETRICAL JOURNAL, vol.61, is.1, pp.126-137, 2019 (Journal Indexed in SCI)
- IV. **One-inflation and unobserved heterogeneity in population size estimation by Ryan T. Godwin**
İnan G.
BIOMETRICAL JOURNAL, vol.60, is.4, pp.859-864, 2018 (Journal Indexed in SCI)
- V. **A Score Test for Testing a Marginalized Zero-Inflated Poisson Regression Model Against a Marginalized Zero-Inflated Negative Binomial Regression Model**
İnan G., Preisser J., Das K.
JOURNAL OF AGRICULTURAL BIOLOGICAL AND ENVIRONMENTAL STATISTICS, vol.23, is.1, pp.113-128, 2018 (Journal Indexed in SCI)
- VI. **Comments on "Longitudinal beta-binomial modeling using GEE for overdispersed binomial data"**
İnan G.
STATISTICS IN MEDICINE, vol.37, is.3, pp.503-505, 2018 (Journal Indexed in SCI)
- VII. **Comments on "Marginalized multilevel hurdle and zero-inflated models for overdispersed and correlated count data with excess zeros"**
İnan G.
STATISTICS IN MEDICINE, vol.37, is.2, pp.324-326, 2018 (Journal Indexed in SCI)
- VIII. **PGEE: An R Package for Analysis of Longitudinal Data with High-Dimensional Covariates**
İnan G., Wang L.
R JOURNAL, vol.9, is.1, pp.393-402, 2017 (Journal Indexed in SCI)
- IX. **Joint GEEs for multivariate correlated data with incomplete binary outcomes**
İnan G., YÜCEL R.
JOURNAL OF APPLIED STATISTICS, vol.44, is.11, pp.1920-1937, 2017 (Journal Indexed in SCI)
- X. **Comments on "Assessing correlation of clustered mixed outcomes from a multivariate generalized linear mixed model"**
İnan G.
STATISTICS IN MEDICINE, vol.34, is.22, pp.3075-3078, 2015 (Journal Indexed in SCI)
- XI. **Kim, Y., Choi, Y.-K., and Emery, S. (2013), "Logistic Regression With Multiple Random Effects: A Simulation Study of Estimation Methods and Statistical Packages," The American Statistician, 67, 171-182.**
İnan G., İlk O., de Leon A. R.
AMERICAN STATISTICIAN, vol.68, is.2, pp.129-130, 2014 (Journal Indexed in SCI)

Scientific Refereeing

STATISTICAL METHODS IN MEDICAL RESEARCH, SCI Journal, December 2020
COMMUNICATIONS IN STATISTICS-THEORY AND METHODS, Journal Indexed in SCI-E, August 2020
journal of Statistics Education, Other Indexed Journal, January 2020
Statistics In Medicine, SCI Journal, August 2019
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, SCI Journal, July 2019
STATISTICAL METHODS IN MEDICAL RESEARCH, National Scientific Refreed Journal, May 2019
Journal of Statistical Computation and Simulation, SCI Journal, December 2018
Statistics in Medicine, SCI Journal, December 2018
Statistics in Medicine, SCI Journal, October 2018
Journal of Applied Statistics, SCI Journal, September 2018
Journal of Forecasting, SCI Journal, August 2018
Statistical Modeling, SCI Journal, August 2018
Statistical Methods in Medical Research, SCI Journal, July 2018
Journal of Statistical Computation and Simulation, SCI Journal, May 2017
Journal of Multivariate Analysis, SCI Journal, May 2017
Journal of Applied Statistics, SCI Journal, November 2016
Statistics in Medicine, SCI Journal, October 2016
Journal of Statistical Computation and Simulation, SCI Journal, May 2016
Computational Statistics and Data Analysis, SCI Journal, February 2016
Computational Statistics and Data Analysis, SCI Journal, August 2015
Journal of Statistical Computation and Simulation, SCI Journal, May 2015
Statistics in Medicine, SCI Journal, March 2015
Statistics and Probability Letters, SCI Journal, October 2014
Statistics in Medicine, SCI Journal, October 2014
Journal of Statistical Software, SCI Journal, October 2014

Mobility Activity

Research Scholarship Program, Seminar, Basque Center for Applied Mathematics, Spain, 2017 - 2017