EZGI NAZMAN

EDUCATION

PhD
(Turkey,2015-2019)
Gazi University, Graduate School of Natural and Applied Sciences, Statistics

Master
(Turkey,2013-2015)
Gazi University, Graduate School of Natural and Applied Sciences, Statistics

Under Graduate/Erasmus
(Czech Republic 2011 - 2012)
University of Hradec Králové, Informatics & Management

Under Graduate/Erasmus
(Turkey 2007 - 2012)
Ege University, Faculty of Science, Statistics

WORK EXPERIENCE

(Turkey 2019 - till)
Sivas Cumhuriyet University
(PhD) Research Assistant, Statistics

(Turkey 2014 - 2019)
Gazi University
Research Assistant, Statistics

(Turkey 2013 - 2014)
Sivas Cumhuriyet University
Research Assistant, Statistics

CERTIFICATES

(2015)
Data Mining with R,Summer School
İstanbulUniversity&TOVAK

(2011)
8th International Statistics Student Colloquium
Dokuz Eylul University

(2011)
Workshop on Global Optimization
Izmir University of Economics

DISSERTATIONS

PhD; Gazi University
(2019)
Comparison of Penalized Logistic Regression Methods in Rare Events.

Master; Gazi University
(2015)
Obtaining Homogeneous Groups with Combined Cluster and Discriminant Analysis

SCIENTIFIC ARTICLES

Olmus H., Bespinar E., Nazman E. Performance evaluation of some propensity score matching methods by using binary logistic regression.model. Communications in Statıstics-Simulation and Computation, 2019.

Olmus H., Nazman E., Erbas S. Comparison of penalized logistic regression models for rare event case. Communications in Statistics-Simulation and Computation, 2019.

Ünsal M. G. & Nazman E. Investigating socio-economic ranking of cities in Turkey using data envelopment analysis(DEA) and linear discriminant analysis (LDA). Annals of Operations Research, vol.0, pp.1-15, 2018.

Nazman E., Olmus H., Erbas S. Investigating Some Classification Methods to Evaluate Efficiency Results: A Case Study by Using Conjoint Analysis. Journal of Polytechnic, vol.22, pp.687-694, 2019.

Çelik B., Üçok C. Ö. , Nazman E. Evaluation of the use of cone beam computed tomography and digital panoramic radiography in the diagnosis of articular eminence and glenoid fossa pneumatization. Selçuk Dental Journal, vol.6,pp.280-286, 2019.

Nazman E., Olmus H., Erbas S. Investigating Potential Risk Factors Affecting on Suicidal Ideation Among Adolescents in Turkey. Society and Social Work, vol.29, pp.270-291, 2018.

Olmuş H., Nazman E., Erbaş S. An Evaluation of the Two Parameter (2-PL) IRT Models Through a Simulation Study. Gazi Journal of Science, vol.30, pp.235-249, 2017.

Nazman E. & Erbaş S. Evaluation of Group Homogeneity in Gaussian Mixture Models Using Combined Cluster and Discriminant Analysis. Sinop University Journal of Natural Sciences, vol.2, pp.121-132, 2017.

PERSONAL INFORMATION

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COMPUTER SKILLS

R
MATLAB
PYTHON
SQL
SPSS

LANGUAGES

ENGLISH
DEUTSCH

PERSONAL INTEREST

MULTIVARIATE STATISTICS
DATA MINING
MACHINE LEARNING
DATA ENVELOPMENT
PROGRAMMING LANGUAGES

SCIENTIFIC ORGANIZATION MEMBERSHIP

- Internatıonal Bıometrıc Socıety, Member (2014-till)
- American Statistics Association, Member, (2017 – 2019)
- RLadies/Ankara, Member, (2019 - Continuous)

SCIENTIFIC REFEREING

- Anatolian Journal of Cardiology, January 2020
- Bitlis Eren University Journal of Natural Sciences, December 2019
- R Web Scraping Quick Start Guide, Packt Publishing, September 2018
- Journal of Mathematics and Statistics, December 2017
- American Journal of Applied Sciences, May 2017

SCIENTIFIC ORGANIZATION COMMITTEE MEMBERSHIP

- World Women Conference, Scientific Congress, Ankara, Turkey, Mart 2020 - Mart 2020
- 6th International Researchers, Statisticians and Young Statisticians Congress, Scientific Congress, Girne, Cyprus (Kktc), Haziran 2020 - Haziran 2020

ORAL PRESENTATIONS IN CONGRESS

- Aydın O., Nazman E. A case study on machine learning classification algorithms in R. satRday Gdansk, Gdansk, Poland, 17 - 18 May 2019, pp.16

- Olmuş H., Nazman E., Erbaş S. Inferences of Firth LR, FLIC and FLAC in terms of bias in rare event case. International Conference on Advances in Statistics, Athens, Greece, 22 - 24 April 2019, pp.26

- Nazman E., Erbaş S., Olmuş H. Penalized Logistic Regression for Classification: A Case Study for non-OECD Countries. 11th International Statistics Day Conference, Muğla, Turkey, 3 - 07 October 2018, pp.220

- Olmuş H., Nazman E., Erbaş S. Power analysis of Mantel-Haenszel Chi-Square statistic by using several scores for ordered contingency tables. 4th International Researchers, Statisticians and Young Statisticians Congress, İzmir, Turkey, 28 - 30 April 2018, pp.40

- Nazman E., Erbaş S., Olmuş H. Comparison of link functions in binary response model by using Firth's penalized maximum likelihood estimation method. 4th International Researchers, Statisticians and Young Statisticians Congress, İzmir, Turkey, 28 - 30 April 2018, pp.95

- Şener H., Erbaş S., Nazman E. A Comparison on the Ranking of Decision Making Units of Data Envelopment and Linear Discriminant Analysis. 10th International Statistics Congress, Ankara, Turkey, 6 - 08 December 2, 017,pp.192

- Nazman E., Erbaş S., Olmuş H. Determining Efficiencies of Different Product Concepts Using Conjoint Analysis(CA) and Data Envelopment Analysis(DEA). 3rd International Researchers, Statisticians and Young Statisticians Congress, Konya, Turkey, 24 - 26 May 2017, pp.217

- Olmuş H., Nazman E., Erbaş S. Investigating of Ability Parameter Estimation Using Bootstrap Method for 2-Parameter Logistic Model. 3rd International Researchers, Statisticians and Young Statisticians Congress, Konya,Turkey, 24 - 26 May 2017, pp.259

- Çabuk E., Erbaş S. Determining Homogeneity of Provinces According to the Health Facilities in Turkey. The 8th Conference of Eastern Mediterranean Region of the Internatıonal Biometric Society, Nevşehir, Turkey, 11 -15 May 2015, pp.52

- Dağlıoğlu H., Erbaş S., Çabuk E. The Comparison of Classification Performance of Proportional Odds Model, Decision Tree and Artificial Neural Network Methods for Continuous Independent Variables. 15th International Symposium on Econometrics, Operations research and Statistics, Isparta, Turkey, 22 – 25 August 2014, pp.535-551

BOOKS

- Olmuş H., Erbaş S., Nazman E. Statistical Experimental Design with SPSS Aplications for Researchers. Gazi Publishing, Ankara, 2017.