CURRICULUM VITAE

PERSONAL DATA

Name	Mehmet Ali Cengiz
Nationality	Turkish
Position	Professor
E-Mail	mamcengiz@imamu.edu.tr
Phone	0502162002

EDUCATION

Year	Academic Degree	Institution
1989	Bachelor Degree in Mathematics	Ondokuz Mayıs University Türkiye
1992	Master Degree in Statistics	Ondokuz Mayıs University Türkiye
1998	Ph.D in Statistics	Salford University United Kingdom

WORK EXPERIENCE

Period	Position	Address
1990-1994	Research Assistant	Ondokuz Mayıs University Türkiye
1995-1998	Research Assistant	Salford University United Kingdom
1999-2006	Assistant Professor	Ondokuz Mayıs University Türkiye
2006-2014	Associated Professor	Ondokuz Mayıs University Türkiye
2014-2025	Professor	Ondokuz Mayıs University Türkiye
2025-	Professor	Imam Mohammad Ibn Saud Islamic University

RESEARCH INTERESTS

Bayesian Learning, Generalized Linear Models, Machine Learning, Data Science

PUBLICATIONS

Sağlam, F., & Cengiz, M. A. (2025). MCSMOTE: A transition matrix-driven oversampling technique for class imbalance. *Applied Soft Computing*, 113906.

Aydın, E., Cengiz, M. A., Demirsoy, L., & Demirsoy, H. (2025). A Hybrid Analytical Framework for Cracking and Some Fruit Quality Features in Sweet Cherries. *Horticulturae*, *11*(6), 709.

Cengiz, M. A., Şenel, T., & Kara, M. (2025). Bayesian robust symmetric regression for medical data with heavy-tailed errors and censoring. *PLoS One*, *20*(8), e0329589.

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Sağlam, F., & Cengiz, M. A. (2024). Local resampling for locally weighted Naïve Bayes in imbalanced data. *Computing*, *106*(1), 185-200.

Ebrahim, E. A., Cengiz, M. A., & Terzi, E. (2024). The Best Fit Bayesian Hierarchical Generalized Linear Model Selection Using Information Complexity Criteria in the MCMC Approach. *Journal of Mathematics*, *2024*(1), 1459524.

Adiguzel, M. B., & Cengiz, M. A. (2023). Model selection in multivariate adaptive regressions splines (MARS) using alternative information criteria. *Heliyon*, *9*(9).

Sağlam, F., Yıldırım, E., & Cengiz, M. A. (2022). Clustered Bayesian classification for within-class separation. *Expert Systems with Applications*, *208*, 118152.

Turan, S. C., & Cengiz, M. A. (2022). ENSEMBLE LEARNING ALGORITHMS. *Journal of Science & Arts*, *22*(2).

Sözen, M., & Cengiz, M. A. (2022). Copula approach to multivariate energy efficiency analysis. *Asia-Pacific Journal of Operational Research*, *39*(06), 2150042.

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Sabancı, D., & Cengiz, M. A. (2022). Random ensemble mars: model selection in multivariate adaptive regression splines using random forest approach. *Journal of New Theory*, (40), 27-45.

Terzi, E., Sarıbacak, B., Sağlam, F., & Cengiz, M. A. (2022). A novel expert system for diagnosis of iron deficiency anemia. *Computational and Mathematical Methods in Medicine*, *2022*(1), 7352096.

Dünder, E., Zaman, T., Cengiz, M. A., & Alakuş, K. (2022). Implementation of adaptive lasso regression based on multiple Theil-Sen Estimators using differential evolution algorithm with heavy tailed errors. *Journal of the National Science Foundation of Sri Lanka*, *50*(2).

Terzi, E., Yildirim, E., Saribacak, B., & Cengiz, M. A. (2022). Risk Estimation in Exchange Rate Markets Based on Stochastic Copula Approach. *Discrete Dynamics in Nature and Society*, *2022*(1), 8467691.

Terzi, E., Yildirim, E., Saribacak, B., & Cengiz, M. A. (2022). Risk Estimation in Exchange Rate Markets Based on Stochastic Copula Approach. *Discrete Dynamics in Nature and Society*, *2022*(1), 8467691.

Cengiz, M. A., Dünder, E., & Şenel, T. (2018). Energy performance evaluation of OECD countries using Bayesian stochastic frontier analysis and Bayesian network classifiers. *Journal of Applied Statistics*, *45*(1), 17-25.

Dunder, E., Gumustekin, S., & Cengiz, M. A. (2018). Variable selection in gamma regression models via artificial bee colony algorithm. *Journal of Applied Statistics*, *45*(1), 8-16.