

Ali Mertcan Köse

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Employment

Istanbul Ticaret University

Lecturer (Istanbul) 2022-

Halic University

Lecturer (Istanbul) 2021-2022

Istanbul Kent University

Lecturer (Istanbul) 2020-2021

Education

Mimar Sinan Fine Arts University, Ph.D. Statistics (Thesis Defense in December) 2024

Roma Sapienza University, Ph.D. Statistics (Visiting Ph.D Student) 2023

Mimar Sinan Fine Arts University, M.Sc. Statistics 2018

Anadolu University, B.Sc. Economics (Open Training Faculty) 2015

Eskisehir Osman Gazi University, B.Sc. Statistics 2013

Publications

JOURNAL ARTICLES

Köse, A. M., Kocadagli, O., Taştan, C., Aktan, C., Ünal, O. M., Güzenge, E., Erdil, H. E.. (2024). Unveiling off-target mutations in CRISPR guideRNAs: Implications for gene region specificity, *The CRISPR Journal*, June;7(3):168-178.

Ünal Çoker, E. & **Köse, A.M.** (2023). Inspecting Smoking Addiction of Youth in Türkiye: A Latent Class Analysis Using the Turkish Version of the Cigarette Dependence Scale, *Journal of International Healthcare Management*, December, 1-10.

Dagistanli, S., Sonmez, S., Bulut, N., **Köse, A.M.** (2023), Evaluation of Treatment Responses Among Subgroups of Breast Cancer Patients Receiving Neoadjuvant Chemotherapy, *Journal of Cancer Research and Therapeutics*, 19 (Suppl 2).

İnan-Budak, M, Zonp, Z., **Köse, A.M.**, Saint-Arnault, D. (2023). Psychometric Evaluation of The Social Support Questionnaire for Transactions in Turkish Gender-Based Violence Sample, *Archives of Psychiatric Nursing*, 45, 184-191.

Kocadađlı, O., **Köse, A.M**, Gökmen, N., Özer, E., Yaman Kocadađlı, A., Bostancı, E. (2021). Important Factors Affecting the Transmission Rate of COVID-19 in G20 and EU, *Sigma Journal of Engineering and Natural Sciences*, 39 (5), 209-219.

Özaltındıř, T., **Köse, A.M**, Özdamar, E.(2021). ANOM Test as an Alternative Approach to Group Comparisons. *Süleyman Demirel University Journal of Natural and Applied Sciences*, 25(1), 80-98.(In Turkish)

Yay, M., Afacan Findıklı, M., **Köse, A. M.** (2020). Serial Mediation Model of Leader Member Interaction in Work Values And Job Satisfaction, *Istanbul Commerce University Journal of Social Science*,19(37), 1-26.(In Turkish)

Köse A.M., Sunata, U., Deniz, E. (2018). Relationship of Social Orientation and Empathy with Perception of Syrian Refugees as Threat: Structural Equation Modelling with The Examples of Çankaya and Altındađ, *Journal of Social Studies Politics*, 18(40/2), 283-314.(In Turkish)

Oral Presentation

Akbař, M.,**Köse, A.M.** (2024). Investigation of the Factors Quiet Quitting and Quiet Firing With The Structural Equation Modelling: A Pilot Research On Health Professional's. 10th International Conference on Advances in Statistics (ICAS), 19-21 April 2024, Budapest/Hungary, Abstract's Paper (In English)

Köse, A.M. (2024). CRISPR: Prediction of Off-Target Levels by Using Latent Class Analysis and Bayesian Latent Class Analysis. HARMONY Society for Bayesian Methods in Epidemiology and Diagnostics, 29-02 February 2024, Brussels/Belgium, Poster Presentation (In English)

Köse, A.M. & Kocadagli, O.(2023). Prediction of Off-Target Levels by Using Latent Class Analysis and Machine Learning, International Researchers, Statisticians and Young Statisticians Congress, 02-05 November 2023, Istanbul/Turkey, Abstract's Paper (In English)

Köse, A.M. & Kocadagli, O.(2022). Off-Target Prediction in CRISPR-Cas9 Gene Editing Using Machine Learning. Classification and Data Science in the Digital Age 17th conference of the International Federation of Classification Societies, 18-23 July 2022, Porto/Portugal, Abstract's Paper (In English)

Yay, M., Findıklı, A.M., **Köse, A.M.** (2019). Serial Mediation Model of Leader Member Interaction in Work Values And Job Satisfaction. y-BIS 2019 Young Business and Industrial Statisticians Workshop on Recent Advances in Data Science and Business Analytics, 25-28 September 2019, Istanbul/Turkey, Abstract's Paper (In English)

Köse, A.M. & Çoker, E.(2019). Inspecting Smoking Addiction of Youth in Turkey through Latent Class Analysis. 16th Conference of the International Federation of Classification Societies 26-29 August 2019, Thessaloniki/Greece, Abstract's Paper (In English)

Köse A.M., Howe, E.D., Structural Equation Modelling About The Perception of Citizens Living in Çankaya District of Ankara Province towards the Syrian Immigrants, 10. International Statistics Congress, 06-08 December 2017, Ankara/Turkey, Abstract's paper(In English)

Köse A.M., Afacan, C., Özaltındıř, T., Özdamar, E.Ö., ANOM Test as an Alternative Approach to Group Comparisons, XVIII. International Econometrics, Operation Research and Statistics Symposium,5-7 October 2017, Trabzon/Turkey, Abstract's Paper (In Turkish)

Afacan, C., Köse A.M., Özaltındış, T., Özdamar, E.Ö., Inspecting of Undergraduate Students of MSFAU relationships with Carrier Plan and Future Orientation towards Statistics Attitude, XVIII. International Econometrics, Operation Research and Statistics Symposium, 5-7 October 2017, Trabzon/Turkey, Abstract's Paper (*In Turkish*)

Köse, A. , Çakmak Pehlivanlı, A. (2016). Implementation of data mining technics considering number of refugees. XVII. International Econometrics, Operation Research and Statistics Symposium, 2-4 June 2016, Sivas/Turkey Abstract's Paper (*In Turkish*)

Awards

Sapienza University-Department of Statistics (Ph.D. Program), Rome, Italy -Erasmus Exchange Student Grants 2023

16th Conference of the International Federation of Classification Societies -16th Conference of the International Federation of Classification Societies-Student/ Postdoctoral Fellow Paper Competition and Travel Award. 2019

Projects

HARMONY-Cost Action- CA18208 – STSM project -Depression prevalence estimation using an imperfect diagnostic depression screening tool in NHANES (The National Health and Nutrition Examination Survey). Charite University, Berlin, Germany. Supervisor: Dr. Felix Fischer 2021

Instructor

Turkish Ophthalmological Association- SPSS Training School 2021

Workshop

HARMONY Advances Training School on Bayesian Methods“Going Beyond Test Evaluation and Prevalence Estimation”

Instructors: Dr. Matthew Denwood, Eleftherios Meletis, Dr. Giles Innocent.

VISAVET Health Surveillance Center, Universidad Complutense, Madrid, Spain 2023

HARMONY Training Workshop on Bayesian Latent Class models for diagnostic test evaluation and true prevalence estimation

Instructors: Dr. Polychronis Kostoulas, Dr. Constantinos Tsiamis, Dr. Konstantinos Pateras, Eleftherios Meletis

Thessaly University, Larissa, Greece 2021

HARMONY Training Workshop on Application of Bayesian latent class models to multi- test, multi-population datasets with a focus on medical and veterinary applications

Instructor: Dr. Matt Denwood (Online)

University of Copenhagen, Copenhagen, Denmark 2021

Symbolic Data Analysis: Parametric Multivariate Analysis of Interval Data

Instructors: Dr.Paula Brito and Dr.Pedro Duarte Silva

University of Macedonia, Thessaloniki, Greece

2019