

# Ali Mertcan Köse

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## Employment

*Istanbul Ticaret University*

Lecturer (İstanbul) 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.

Kocadağlı, O., **Köse, A.M**, Gökmen, N., Özer, E., Yaman Kocadağlı, 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.

Özaltındış, 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 Altındağ, *Journal of Social Studies Politics*, 18(40/2), 283-314.(In Turkish)

## Oral Presentation

Akbaş, 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)

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., Özaltındış, 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 Career 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