

Asst. Prof. MEHMET SIDDIK ÇADIRCI

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: HGC-5581-2022

ScopusID: 57221152524

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Biography

Dr. Mehmet Siddik Cadirci is an accomplished academic and researcher in the field of statistics, currently serving as an Assistant Professor at Cumhuriyet University, Turkey. He completed his Ph.D. at Cardiff University, focusing on entropy-based goodness-of-fit tests for multivariate distributions. Dr. Cadirci's expertise spans a range of statistical applications, including regression analysis, data analysis, statistical experiment design, and probability. He has contributed to the academic community through various roles at Cardiff University and has published several notable papers on statistical topics. Additionally, he possesses strong skills in programming languages such as Python, R, and SQL, and is proficient in both English and Turkish.

Education Information

Doctorate, University of Wales, Cardiff, Science Faculty, Department of Mathematics and Statistics, England 2018 - 2022

Postgraduate, Firat University, Faculty of Science, Department of Mathematics, Turkey 2013 - 2018

Postgraduate, The University of Sussex, Science Faculty, Department of Statistics and Math, England 2016 - 2017

Undergraduate, Van Yüzüncü Yıl University, Fen Fakültesi, Turkey 2007 - 2011

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Finance, International Postgraduate Study Abroad Scholarship Program, Graduate study abroad scholarship program run by the Ministry of National Education, 2016

Dissertations

Doctorate, Entropy-based goodness-of-fit testsfor multivariate distributions, 2022

Postgraduate, Replication crisis in psychology mainly is an emergency, 2017

Research Areas

Statistical Analysis and Applications

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Entropy-based test for generalised Gaussian distributions**
ÇADIRCI M. S., Evans D., Leonenko N., Makogin V.
Computational Statistics and Data Analysis, vol.173, 2022 (SCI-Expanded)
- II. **The entropy based goodness of fit tests for generalized von Mises-Fisher distributions and beyond**
Leonenko N., Makogin V., ÇADIRCI M. S.
Electronic Journal of Statistics, vol.15, no.2, pp.6344-6381, 2021 (SCI-Expanded)

Books & Book Chapters

- I. **A Critical Analysis of the Replication Crisis in Psychology**
Çadirci M. S.
in: Science and Mathematics in a Globalizing World, Assoc.Prof.Dr. Nahide Gülşah DENİZ, Editor, Duvar Yayınları, İzmir, pp.64-80, 2023

Refereed Congress / Symposium Publications in Proceedings

- I. **Using Logistic Regression and Decision Tree Algorithms E-Commerce Customer Churn Analysis**
ÇADIRCI M. S.
6th International Conference on Statistics: Theory and Applications, ICSTA 2024, Barcelona, Spain, 19 - 21 August 2024

Metrics

Publication: 6

Citation (Scopus): 7

H-Index (Scopus): 1