Academic Curriculum Vitae

Personal Information:

Full Name: Dler Hussein Kadir
Academic Title: Assistant Professor
Email: (dler.kadir@su.edu.krd)
Mobile: 07518078674

Education:

- Salaheddin University-Erbil - College of Administration and Economics (1999-2002)
  Bachelor of Science in Statistics (B.Sc.)

- Sulaymaniyah University - College of Administration and Economics   (2007-2009)
  Master of Science in Statistics (M.Sc.)

- Sheffield University in United Kingdom - College of Science   (2012-2018)
  PhD of Science in Statistics (PhD.)

Employment:

- Assistant Researcher in 2002: College of Administration and Economic/Statistics department
- Assistant lecturer in 2009: College of Administration and Economic/Statistics department
- Lecturer in 2018: College of Administration and Economic/Statistics department
- Assistant Prof. in 2022: College of Administration and Economic/Statistics department

Qualifications

- Teaching qualifications
- IT qualifications
- Language qualification

Teaching experience:

- Mathematical Statistics
- Sampling theory
- Applied Statistics
- Principles of Statistics
- Multivariate Analysis
- Advanced Statistics
- R Language
- Biostatistics
- Hypotheses Test

- As supervisor of 20 Undergraduate and 2 postgraduate Researches.

Research and publications

1. KADIR, D. H. & KHUDHUR, A. M. 2024. Assessing Risk Factors of Bypass Graft Surgery through the Implementation of Bayesian and Non-Bayesian Methodologies. Results in Engineering, 102129.
2. NAGHAVI, M., ONG, K. L., AALI, A., ABABNEH, H. S., ABATE, Y. H., ABBAFATI, C., ABBASGHOLIZADEH, R., ABBASIAN, M., ABBASI-KANGEVARI, M. & ABBASTABAR, H. 2024. Global burden of 288 causes of death and life expectancy decomposition in 204 countries and territories and 811 subnational locations, 1990–2021: a systematic analysis for the Global Burden of Disease Study 2021. The Lancet.
3. ALHARTHI, A. M., KADIR, D. H., AL-FAKIH, A. M., ALGAMAL, Z. Y., AL-THANOON, N. A. & QASIM, M. K. 2024. Improving Golden Jackel Optimization Algorithm: An Application of Chemical Data Classification. Chemometrics and Intelligent Laboratory Systems, 105149.
4. LI, J., JASIM, D. J., KADIR, D. H., MALEKI, H., ESFAHANI, N. N., SHAMSBORHAN, M. & TOGHRAIE, D. 2024. Multi-objective optimization of a laterally perforated-finned heat sink with computational fluid dynamics method and statistical modeling using response surface methodology. Engineering Applications of Artificial Intelligence, 130, 107674.
5. MAHMOOD, N. H., KADIR, D. H. & ALZAWBAEE, O. M. M. 2024. Building a Statistical Model to Forecast Traffic Accidents for Death and Injuries by Using Bivariate Time Series Analysis. Zanco Journal of Human Sciences, 28, 278-289.
6. SHARMA, R., ABBASTABAR, H., ABDULAH, D. M., ABIDI, H., ABOLHASSANI, H., ABREHDARI-TAFRESHI, Z., ABSALAN, A., ALI, H. A., ABU-GHARBIEH, E. & ACUNA, J. M. 2024. Temporal patterns of cancer burden in Asia, 1990–2019: a systematic examination for the Global Burden of Disease 2019 study. The Lancet Regional Health-Southeast Asia, 21.
7. ZHOU, L., KADIR, D. H., SHI, L., MOUSAVI, S. V. & HUANG, X. 2024. The influence of aneurysm feature on coiling treatment of internal carotid artery aneurysms: Numerical and statistical study. International Journal of Modern Physics C (IJMPC), 35, 1-13.

8. KADIR, D. H., RAHIM, A. G., JAMIL, D. I. & SALEH, D. M. 2023. Proposed Capability Indices Based on Robust Estimation Compared with Classical Capability Indices. Cihan University-Erbil Scientific Journal, 7, 49-53.

9. YANG, J. & HUSSEIN KADIR, D. 2023. Data mining techniques in breast cancer diagnosis at the cellular–molecular level. Journal of Cancer Research and Clinical Oncology, 149, 12605-12620.

10. ALHARTHI, A., KADIR, D., AL-FAKIH, A., ALGAMAL, Z., AL-THANOON, N. & QASIM, M. 2023. Quantitative structure-property relationship modelling for predicting retention indices of essential oils based on an improved horse herd optimization algorithm. SAR and QSAR in Environmental Research, 34, 831-846.

11. HU, H., LUO, P., KADIR, D. H. & HASSANVAND, A. 2023. Assessing the impact of aneurysm morphology on the risk of internal carotid artery aneurysm rupture: A statistical and computational analysis of endovascular coiling. Physics of Fluids, 35.

12. KHIDIR, H. A., ETIKAN, İ., KADIR, D. H., MAHMOOD, N. H. & SABETVAND, R. 2023. Bayesian machine learning analysis with Markov Chain Monte Carlo techniques for assessing characteristics and risk factors of Covid-19 in Erbil City-Iraq 2020–2021. Alexandria Engineering Journal, 78, 162-174.

13. KADIR, D. H. & RAHI, A. R. K. 2023. Applying the Bayesian technique in designing a single sampling plan. Cihan University-Erbil Scientific Journal, 7, 17-25.

14. HAI, T., KADIR, D. H. & GHANBARI, A. 2023. Modeling the emission characteristics of the hydrogen-enriched natural gas engines by multi-output least-squares support vector regression: Comprehensive statistical and operating analyses. Energy, 276, 127515.

15. YAHYA, R. O., MAHMOOD, N. H., KADIR, D. H. & AZIZ, S. J. 2023. The use of factor analysis and cluster analysis methods to identify the most crucial key factors influencing the psychological stability of university students. Polytechnic Journal of Humanities and Social Sciences, 4, 779-789.

16. SALEH, D. M., KADIR, D. H. & JAMIL, D. I. 2023. A comparison between some penalized methods for estimating parameters: Simulation study. Qalaai Zanist Journal, 8, 1122-1134.

17. MICAH, A. E., BHANGDIA, K., COGSWELL, I. E., LASHER, D., LIDRAL-PORTER, B., MADDISON, E. R., NGUYEN, T. N. N., PATEL, N., PEDROZA, P. & SOLORIO, J. 2023. Global investments in pandemic preparedness and COVID-19: development assistance and domestic spending on health between 1990 and 2026. The Lancet Global Health, 11, e385-e413.

18. BAI, J., KADIR, D. H., FAGIRY, M. A. & TLILI, I. 2022. Numerical analysis and two-phase modeling of water Graphene Oxide nanofluid flow in the riser condensing tubes of the solar collector heat exchanger. Sustainable Energy Technologies and Assessments, 53, 102408.

19. JAHROMI, A. M., KHEDRI, J., KADIR, D. H., MALEKAHMADI, D., ZANDIE, M., KHEDRI, M. & SHAYEGH, F. 2022. The ability of the absorbed energy in the flat-plate solar-collector tubes for oil-water separation: An experimental-computational approach. Sustainable Energy Technologies and Assessments, 53, 102507.

20. PEDEN, A. E., CULLEN, P., FRANCIS, K. L., MOELLER, H., PEDEN, M. M., YE, P., TIAN, M., ZOU, Z., SAWYER, S. M. & AALI, A. 2022. Adolescent transport and unintentional injuries: a systematic analysis using the Global Burden of Disease Study 2019. The Lancet Public Health, 7, e657-e669.

21. KHUDHUR, A. M. & KADIR, D. H. 2022. An application of logistic regression modeling to predict risk factors for bypass graft diagnosis in Erbil. Cihan University-Erbil Scientific Journal, 6, 57-63.

22. MAHMOOD, N. H., KADIR, D. H. & BIRDAWOD, H. Q. 2022. The full factorial design approach to determine the attitude of university lecturers towards e-learning and online teaching due to the covid-19 pandemic. Cihan University-Erbil Scientific Journal, 6, 20-25.

23. MOHAMMED, P. A., OBED, S. A., ALI, I. M. & KADIR, D. H. 2022. US Dollar/IQ Dinar currency exchange rates time series forecasting using ARIMA model. Cihan University-Erbil Scientific Journal, 6, 12-19.

24. OMER, A. W., BLBAS, H. T. & KADIR, D. H. 2021. A comparison between brown's and holt's double exponential smoothing for forecasting applied generation electrical energies in Kurdistan region. Cihan University-Erbil Scientific Journal, 5, 56-63.

25. OBED, S. A., MOHAMMED, P. A. & KADIR, D. H. 2021. The estimation of (Covid-19) cases in the Kurdistan region using Nelson Aalen estimator. Cihan University-Erbil Scientific Journal, 5, 24-31.

26. KADIR, D. H. 2021. Statistical evaluation of main extraction parameters in twenty plant extracts for obtaining their optimum total phenolic content and its relation to antioxidant and antibacterial activities. Food Science & Nutrition, 9, 3491-3499.

27. KADIR, D. H. & OMER, A. W. 2021. Implementing analysis of ordinal regression model on student's feedback response. Cihan University-Erbil Journal of Humanities and Social Sciences, 5, 45-49.

28. SAJADI, S. M., KADIR, D. H., BALAKY, S. M. & PEROT, E. M. 2021. An Eco-friendly nanocatalyst for removal of some poisonous environmental pollution and statistical evaluation of its performance. Surfaces and Interfaces, 23, 100908.

29. KADIR, D. H. 2020b. Likelihood approach for Bayesian logistic weighted model. Cihan University-Erbil Scientific Journal, 4, 9-12.

30. KADIR, D. H., SALEH, D. M. & JAMIL, D. I. 2020. Comparison between two estimators by using process capability with application. Journal of Arts, Literature, Humanities and Social Sciences, 39, 551-559.

31. MOHAMMED, A. J., HASSAN, M. M. & KADIR, D. H. 2020. Improving classification performance for a novel imbalanced medical dataset using SMOTE method. International Journal of Advanced Trends in Computer Science and Engineering, 9, 3161-3172.

32. KADIR, D. 2020a. Time Series Modeling to Forecast on Consuming Electricity: A case study Analysis of electrical consumption in Erbil City from 2014 to 2018. Journal of Al-Rafidain University College For Sciences (Print ISSN: 1681-6870, Online ISSN: 2790-2293), 472-485.

33. BLBAS, H. & KADIR, D. H. 2019. An application of factor analysis to identify the most effective reasons that university students hate to read books. International Journal of Innovation, Creativity and Change, 6, 251-265.

34. OTHMAN, G. Q., SAEED, R. S., KADIR, D. H. & TAHER, H. J. Relation of angiography to hematological, hormonal and some biochemical variables in coronary artery bypass graft patients. Journal of Physics: Conference Series, 2019. IOP Publishing, 062110.

35. KADIR, D. H., SALEH, D. M. & JAMIL, D. I. 2019. Comparison between four methods to construction number of defectives control chart. Journal of Arts, Literature, Humanities and Social Science, 39, 538-550.
36. KADIR, D. 2018. Bayesian inference of autoregressive models. University of Sheffield.
37. KADIR, D. H. & RAHI AL-HARTHY, A. R. K. 2007. Application of Bayesian Technique for Ala Pepsi Softdrink Company in Sampling Plan Design. University of Sulaimani.
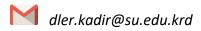
Conferences and courses attended

● The Head of Committee of Equalization Certificate , Ministry of Higher Education & Scientific Research - 2023 -till now.

● Member, Biomedical Statistics and Informatics Journal - Since March 16, 2022

● Senior Member, Quality Assurance Committee, Ministry of Higher Education & Scientific Research - 2011

● ISO Coordinator, Ministry of Higher Education & Scientific Research - 2011

● Quality Control Committee Member, Kurdistan Region Universities - 2010

● Founder Member, Teachers' Union Syndicate - 2010

● Founder Member, Kurdistan Economist Syndicate, Erbil Branch (Department of Statistics) - 2009

● Committee Member, Renting Dormitories for College Students - 2009

● Representative, Ministry of Higher Education & Scientific Research, UNESCO's Programme for Modernization of the Education Sector in Iraq

Professional memberships

- Member of teachers syndicate / Erbil / Kurdistan Region.

Professional Social Network Accounts:

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https://www.researchgate.net/profile/Dler-Kadir

https://scholar.google.com/citations?hl=en&user=qRBhEFQAAAAJ

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