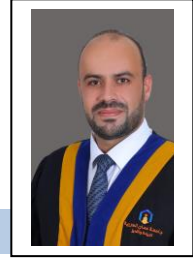


Date: 23-1-2025

CURRICULUM VITAE



PERSONAL INFORMATION

Faculty Member Name: Abdullah Suleiman Al-Jawarneh
Academic Rank: Assistant Professor
College: Arts and Science
Department: Mathematics
Nationality: Jordanian
Address: Irbid
Phone No: 0772369326
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ACADEMIC QUALIFICATIONS

Degrees with fields, institution, and date

- B.Sc. in Mathematics and Statistics, Yarmouk University, 2008.
- M.Sc. in Statistics, Universiti Sains Malaysia (USM), 2012.

Project / theses title: The Impact of External Shocks on Business Cycle Fluctuation in Several Developed Asian Countries

- Ph.D. in Applied Statistics, Universiti Sains Malaysia (USM), 2021.

Dissertation title: Enhancing Model Selection Based on Penalized Regression Methods and Empirical Mode Decomposition

ACADEMIC EXPERIENCE

- 1)
- Duration: 2024- Until Now
 - University: Amman Arab University
 - Academic Rank: Assistant Professor
 - Date the rank was granted: 2021
 - The body granting the rank: Jarash University
 - College: Arts and Sciences
 - Country: Jordan

دائرة الموارد البشرية
Human Resources Department

2)

- Duration: 2021- 2024
- University: Jarash University
- Academic Rank: Assistant Professor
- Date the rank was granted: 2021
- The body granting the rank: Jarash University
- College: Sciences
- Country: Jordan

3)

- Duration: 2012- 2019
- University: Najran University
- Academic Rank: Lecture
- Date the rank was granted: 2012
- The body granting the rank: Najran University
- College: Sciences
- Country: Saudi Arabia

NON-ACADEMIC EXPERIENCE

- Duration:
- Institution:
- Department:
- Country:

CERTIFICATIONS OR PROFESSIONAL REGISTRATIONS

-
-

CURRENT MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

-
-

HONORS AND AWARDS

- None

SERVICE ACTIVITIES

-
-

THE MOST IMPORTANT PUBLICATIONS IN LAST FIVE YEARS

1. **Al-Jawarneh, A. S.**, Alsayed, A. R., Ayyoub, H. N., Ismail, M. T., Sek, S. K., Arıç, K. H., & Manzi, G. (2024). Enhancing Model Selection by Obtaining Optimal Tuning Parameters in Elastic-Net Quantile Regression, Application to Crude Oil Prices. Journal of Risk and Financial Management, 17(8), 323. (Scopus)

2. Ahmad M. Awajan A. M., Al-Hasanat B., Elkaroui E., AL e'damat A., Al-Gounmeein R. S., **Al-Jawarneh A. S.**, Ayyoub H. N., & AlFarajat E. (2024). Time Series Forecasting of New Cases for COVID-19 Pandemic in Jordan Using Enhanced Hybrid EMD-ARIMA. *J. Stat. Appl. Pro.* 13 (1), 261-271. doi:10.18576/jsap/130118. (Scopus)
3. Ambark, A. S., Ismail, M. T., **Al-Jawarneh, A. S.**, & Karim, S. A. A. (2023). Elastic net penalized Quantile Regression Model and Empirical Mode Decomposition for Improving the Accuracy of the Model Selection. *IEEE Access.* doi: 10.1109/ACCESS.2023.3257032. (ISI and Scopus).
4. **Al-Jawarneh, A. S.**, & Ismail, M. T. (2022). The Adaptive LASSO Regression and Empirical Mode Decomposition Algorithm for Enhancing Modelling Accuracy *Communications in Statistics - Simulation and Computation.* 1-13. doi:10.1080/03610918.2022.2032154. (ISI and Scopus).
5. **Al-Jawarneh, A. S.**, Ismail, M. T., Awajan, A. M., & Alsayed, A. R. (2022). Improving accuracy models using elastic net regression approach based on empirical mode decomposition. *Communications in Statistics-Simulation and Computation*, 51(7), 4006-4025. doi: 10.1080/03610918.2020.1728319. (ISI and Scopus).
6. **Al-Jawarneh, A. S.**, Ismail, M. T., & Awajan, A. M. (2021) . Elastic net regression and empirical mode decomposition for enhancing the accuracy of the model selection. *International Journal of Mathematical, Engineering and Management Sciences*, 6(2), 564 - 583. (ISI and Scopus).
7. **Al-Jawarneh, A. S.**, & Ismail, M. T. (2021). Elastic-net regression based on empirical mode decomposition for multivariate predictors. *Pertanika Journal of Science and Technology*, 29(1), 199-215. (ISI and Scopus).

INSTITUTIONAL PROFESSIONAL DEVELOPMENT ACTIVITIES IN THE LAST FIVE YEARS

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RESEARCH LINK (Scopus and Google Scholar)

- <https://www.scopus.com/authid/detail.uri?authorId=55332057900>
- <https://scholar.google.com/citations?user=dPZVG-DAAAAJ&hl=en>

LANGUAGES

- **English:** Very Good
- **Arabic:** Mother Tongue

