

DR. HANAFI A. RAHIM

SENIOR LECTURER

Dr. Hanafi bin A. Rahim is a statistics expert at Universiti Malaysia Terengganu (UMT). He holds a PhD from UiTM, a Master's from UKM, and a Bachelor's from UiTM. His research focuses on outlier detection and statistical modelling, with publications in notable journals. Dr. Hanafi teaches courses like Data Analysis with R and Biostatistics and supervises PhD and MSc students. He is also involved in community projects and knowledge transfer programs.



RESEARCHER PROFILE

Scopus[®] 57189846470

Google Scholar 0000-0002-9367-5423

ORCID HANAFI A. RAHIM

EDUCATION



- PhD in Information Technology and Quantitative Methods, UiTM
- Master in Science (Statistics), UKM
- BSc in Statistics, UiTM

AREAS OF EXPERTISE

- Statistical Modelling
- Time Series Modelling
- Outlier Analysis
- Structural Equation Modelling

SUPERVISION



COLLABORATORS

CONTACT

+6013-3657100

hanafi@umt.edu.my

fskm.umt.edu.my

SELECTED RESEARCH PROJECTS

- ✓ TAPE-RG UMT. Hybrid Deep Learning LSTM-Ap GARCH Modelling on Gold Price Volatility. 2024-2026 RM20,000.

SELECTED PUBLICATIONS

- ✓ Ghani, I.M.M., **Rahim, H.A.**, (2024) Building a Sustainable GARCH Model to Forecast Rubber Price: Modified Huber Weighting Function Approach, Baghdad Science Journal, 21(2), pp. 511-523
- ✓ Ghani, I.M.M., **Rahim, H.A.**, (2023) The Effectiveness of the Huber's Weight on Dispersion and Turing Constant: A Simulation Study, Scientific Annals of Economics and Business, 70(2), pp. 221-234
- ✓ Amir, W.M., Shafiq, M., **Rahim, H.A.**, Aleng, A., Abdullah, Z., (2016). JMASM algorithms and code algorithm for combining robust and bootstrap in multiple linear model regression (SAS), Journal of Modern Applied Statistical Methods, 15(1), pp. 884-892
- ✓ Amir, W.M., Shafiq, M., Mokhtar, K., **Rahim, H.A.**, Ali, Z. (2016). JMASM algorithms and code simple response surface methodology using RSREG (SAS), Journal of Modern Applied Statistical Methods, 15(1), pp. 855-867
- ✓ Wahab, A.F., Zulkifly, M.I.E., **Rahim, H.A.**, Zakaria, R. (2013). Interval type-2 fuzzy logic system model in measuring the index value of underground economy in Malaysia, Applied Mathematical Sciences, 7(101-104), pp. 5071-5084