

List of Reviewers
(as per the published articles)
Year: 2025

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2025 - Volume 27 [Issue 1]

Optimization of a Functional Beverage Formulation Using a Constrained Mixture Design with Multiple Responses
DOI: 10.9734/ajpas/2025/v27i1699

Reviewers:

- (1) Sudipta Roy, Bengal College of Pharmaceutical Technology, India.
- (2) Nabi Ikram, University of Blida 1, Algeria.

Additional Reviewers:

- (1) Ankur Vashi, USA.
- (2) Behzad Ghasemi Parvin, Ataturk University, Turkey.
- (3) Nagam Santhi Priya, Vignan Pharmacy College, India.
- (4) Poornesh M, St Joseph Engineering College, India.

Complete Peer Review History: <https://sdiarticle5.com/review-history/128562>

Exploring the Dynamic Interrelationships of Major Cereal Prices in Northern Ghana: An Empirical Analysis Using VAR Modeling
DOI: 10.9734/ajpas/2025/v27i1700

Reviewers:

- (1) Alabi Salihu Ibrahim, Ahmadu Bello University, Zaria, Nigeria.
- (2) P. Pushpa, St. Peter's Institute of Higher Education and Research, India.

Additional Reviewers:

- (1) Najlaa Salah Madlul, University of Tikrit, Iraq.

Complete Peer Review History: <https://sdiarticle5.com/review-history/128906>

Weighted Random Effects Multinomial Model with Application to Anaemia and Malnutrition Comorbidity among under Five Children in Nigeria
DOI: 10.9734/ajpas/2025/v27i1701

Reviewers:

- (1) You Hui Wei, UNITAR International University, Malaysia.
- (2) Pooja Sujit Gaikwad, T.C. College, Baramati, India.

Complete Peer Review History: <https://sdiarticle5.com/review-history/128912>

Comparison of Some Estimation Methods of Missing Data in Hidden Markov Model
DOI: 10.9734/ajpas/2025/v27i1702

Reviewers:

- (1) Konata Lalokesh, Malla Reddy College of Engineering, India
- (2) Mukta Agarwal, Indus University, India

Additional Reviewers:

- (1) Varsha Bhatia, Amity University, India.

Complete Peer Review History: <https://sdiarticle5.com/review-history/128625>

Comparison of Some Optimizers in Long Short-Term Memory Networks with an Application to Tigris River Water Imports
DOI: 10.9734/ajpas/2025/v27i1703

Reviewers:

- (1) Dean Tirkaamiana, Universitas Pembangunan Nasional "Veteran" Jawa Timur, Indonesia.
- (2) S. Rajalakshmi, Dr.N.G.P. Institute of Technology, India.

Additional Reviewers:

- (1) Ana Laura Lezama Sanchez, Benemerita Universidad Autonoma de Puebla, Mexico.

Complete Peer Review History: <https://sdiarticle5.com/review-history/128619>

An Exploration of Nigerian Exchange Rate Using ARIMA Model
DOI: 10.9734/ajpas/2025/v27i1704

Reviewers:

- (1) Valentina Sinaj, University of Tirana, Albania.
- (2) Elisha John Inyang, University of Uyo, Nigeria.

Complete Peer Review History: <https://sdiarticle5.com/review-history/128332>

Application of Finite Univariate Gaussian Mixture Models for High-Frequency Financial Data Modelling
DOI: 10.9734/ajpas/2025/v27i1705

Reviewers:

- (1) Peyman Taebi, Islamic Azad University Tehran, Iran.
- (2) Bastien Chassagnol, Sorbonne University, France.

Additional Reviewers:

(1) Mohamed Razeed Mohamed Nowfeek, Sri Lanka Institute of Advanced Technological Education (SLIATE), Sri Lanka.

Complete Peer Review History: <https://sdiarticle5.com/review-history/128648>

Inverse Monsef Distribution: Statistical Properties, Estimation and Application

DOI: 10.9734/ajpas/2025/v27i1706

Reviewers:

- (1) Mojammel Haque Sarkar, Indian Institute of Technology Indore, India.
- (2) Naila Amjad, Lahore College for Women University, Pakistan.
- (3) Sule Omeiza Bashiru, Confluence University of Science and Technology, Nigeria.

Additional Reviewers:

- (1) Pawan Kumar, GSVM, India.

Complete Peer Review History: <https://sdiarticle5.com/review-history/127881>

Comparing ARFIMA and ARIMA Models in Forecasting under Five Mortality Rate in Tanzania

DOI: 10.9734/ajpas/2025/v27i1707

Reviewers:

- (1) Hakeem Adekunle, Georgia State University, USA.
- (2) Guillermo Magnou, Universidad ORT Uruguay, Uruguay.
- (3) K. P. Suresh, ICAR- NIVEDI, India.

Complete Peer Review History: <https://sdiarticle5.com/review-history/129255>

On the Inverted Beta Generated Slash Distribution: Properties and Application

DOI: 10.9734/ajpas/2025/v27i1708

Reviewers:

- (1) Mayur V. Savsani, H. & H. B. Kotak Institute of Science, India.
- (2) Fasma K, University of Calicut, India.

Complete Peer Review History: <https://sdiarticle5.com/review-history/129307>

2025 - Volume 27 [Issue 2]**Application of Kolmogorov-Smirnov Test to Evaluation of Population Distribution by Age in Single Years**

DOI: 10.9734/ajpas/2025/v27i2709

Reviewers:

- (1) Jalil Manafian, University of Tabriz, Iran.
- (2) Gabriel Gomes de Oliveira, UNICAMP/FEEC, Brazil.

Complete Peer Review History: <https://sdiarticle5.com/review-history/104356>

Application of Logistic Regression in Enhancing Digital Credit Risk Management in Commercial Banks

DOI: 10.9734/ajpas/2025/v27i2710

Reviewers:

- (1) Girish Wali, USA.
- (2) Daniel K. Bakker, University of Eastern Africa, Baraton, Kenya.

Additional Reviewers:

- (1) Baah Alexander, Ghana.

Complete Peer Review History: <https://sdiarticle5.com/review-history/129799>

Bayesian Analysis of the Loai Distribution with Conjugate Priors: Methodology and Applications

DOI: 10.9734/ajpas/2025/v27i2711

Reviewers:

- (1) Oladapo Muyiwa Oladoja, Abiola Ajimobi Technical University, Nigeria.
- (2) Oladimeji Damilare Matthew, University of Abuja, Nigeria.
- (3) E. I. Abdul Sathar, University of Kerala, India.

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- (1) M. N. Patel, Gujarat University, India.

Complete Peer Review History: <https://sdiarticle5.com/review-history/127154>

Sine-Ishita Distribution: Properties and Applications to Survival Data

DOI: 10.9734/ajpas/2025/v27i2712

Reviewers:

- (1) Sule Omeiza Bashiru, Confluence University of Science and Technology, Nigeria.
- (2) Mohamed S. Hamed, Gulf Colleges, KSA.
- (3) Adetunji, A. A, Federal Polytechnic, Ile-Oluji, Nigeria.

Additional Reviewers:

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- (2) Oluwamayowa Opeyimika Olajide, Kogi State Polytechnic, Lokoja, Nigeria.
- (3) Pawan Kumar, Gsvm Medical College, India.
- (4) Dr. Peter Enesi Omaku, The Federal Polytechnic Nasarawa, Nigeria.
- (5) Richa Saini Rawat, India.

Complete Peer Review History: <https://sdiarticle5.com/review-history/129877>

Uncovering Risk Factors for Heart Disease and Predicting Outcomes Using Machine Learning Approaches
DOI: 10.9734/ajpas/2025/v27i2713

Reviewers:

- (1) Suresh Subramanian, College of Information Technology, Ahlia University, Kingdom of Bahrain.
- (2) Annwasha Banerjee, JIS College of Engineering, India.
- (3) Mudasir M. Kirmani, Sher-e-Kashmir University of Agricultural Sciences & Technology of Kashmir, India.

Complete Peer Review History: <https://sdiarticle5.com/review-history/129937>

Comparative Analyses of the Poisson-Exponential-Gamma to Selected Discrete Distributions with Applications
DOI: 10.9734/ajpas/2025/v27i2714

Reviewers:

- (1) Brijesh P. Singh, Institute of Science, Banaras Hindu University, India.
- (2) Ahlem Ghouar, Higher School of Management Sciences, Algeria.

Additional Reviewers:

- (1) Collins Adim Meninwa, University of Benin, Nigeria.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/130138>

Application of Sensitivity & Principal Component Analyses for Modelling of Safety Parameters for Oil & Gas Companies in Niger Delta
DOI: 10.9734/ajpas/2025/v27i2715

Reviewers:

- (1) Abhinav Chattaraj, Rutgers University, India.
- (3) Oshim Judethadeus Chukwuebuka, Enugu State University of Science and Technology, Nigeria.

Additional Reviewers:

- (1) Chandrakala S.B, Nitte Meenakshi Institute of Technology, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/130810>

A Bayesian Hidden Markov Model for Predicting Depression and Evaluating Medical Interventions
DOI: 10.9734/ajpas/2025/v27i2716

Reviewers:

- (1) Kimia Kazemzadeh, Universal Scientific Education and Research Network (USERN), Iran.
- (2) Mohamed EL Hadraoui, Mohammadia School of Engineers, Morocco.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/130232>

Effect of Electronic Payment Channels on the Performance of Commercial Banks in Nigeria
DOI: 10.9734/ajpas/2025/v27i2717

Reviewers:

- (1) Charles Otieno Ndede, Jomo Kenyatta University of Agriculture and Technology University, Kenya.
- (2) Chinwendu Sopolu Divine, Redeemer's University, Nigeria.
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- (2) Uket Eko Ewa, University of Cross River State, Nigeria.

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Exploring the Urban-Rural Divide in Childhood Obesity: A Comprehensive Study of Socioeconomic, Dietary, and Lifestyle Determinants
DOI: 10.9734/ajpas/2025/v27i2718

Reviewers:

- (1) Mahmud Hasan Riaz, International Islamic University, Bangladesh.
- (2) Mutari Haruna Dunari, Hussaini Adamu Federal Polytechnic, Nigeria.

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- (4) Okim Inyang Ikpan, University of Cross River State, Nigeria.
- (5) Ramchandra Pandurang Babar, Maharashtra University of Health Sciences, India.
- (6) Samundeeswari Arunachalam, Vinayaka Mission's College of Nursing, Puducherry, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/130906>

Exploring Long-memory Dynamics in Nigerian Commercial Banks' Lending Rates: A Comparative Analysis of ARIMA, ARFIMA, and FIGARCH Models
DOI: 10.9734/ajpas/2025/v27i2726

Reviewers:

- (1) Albert Kiptanui Cheruiyot, University of Eldoret, Kenya.
- (2) Owolabi Adesegun (ACIB), The Federal Polytechnic Ado, Nigeria.
- (3) Syrine Ben Romdhane, University of Tunis – Higher Institute of Management of Tunis, Tunisia.
- (4) Nadia Dridi, High School of Economics and Commerce of Tunis, Tunisia.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/130788>

Analyzing Anemia Spread among Nigerian Children Aged 0-59 Months
DOI: 10.9734/ajpas/2025/v27i3720

Reviewers:

- (1) Gilbert Makanda, Central University of Technology, South Africa.
- (2) Abdellah Zaaloul, Hassan First university, Morocco.
- (3) Chairman M, Karpagam Institute of Technology, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/121959>

Supervised Machine Learning Models for COVID-19 Prediction
DOI: 10.9734/ajpas/2025/v27i3719

Reviewers:

- (1) Cirruse Salehnasab, Yasuj University of Medical Sciences, Iran.
- (2) Egwom Onyinyechi Jessica, Federal University Wukari, Nigeria.
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- (2) Nitin Goyal, School of Engineering and Technology Central University of Haryana, India.
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- (4) Sunil Kumar, Guru Jambheshwar University of Science & Technology, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/131080>

Statistical Analysis of Factors Associated with Non-Compliance with Epidemiological Standards in the Bokoro Health Zone (2021 To 2023)
DOI: 10.9734/ajpas/2025/v27i3721

Reviewers:

- (1) Hamza Javed, Ayub Teaching Hospital, Khyber Medical University, Pakistan.
- (2) Ina Pasho, Faculty of Natural Sciences, Albania.

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- (1) Anil Pardeshi, MUHS, India.
- (2) Kalpita Shringarpure, M S University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/128462>

Modelling of Heterogeneity and Serial Dependencies in Precipitation Data Using Hidden Markov Models
DOI: 10.9734/ajpas/2025/v27i3722

Reviewers:

- (1) Ardiansyah Ramadhan, Telkom University, Indonesia.
- (2) Triphonia Ngailo, Dar es Salaam Institute of Technology, Tanzania.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/130878>

Impact of Media Content on the Moral Construct of Youth: A Study at Tamale Technical University
DOI: 10.9734/ajpas/2025/v27i3723

Reviewers:

- (1) Eva Nur Hidayah, Universitas Negeri Semarang, Indonesia.
- (2) Harisoa Razafimanantsoa, Anhui University, China.

Additional Reviewers:

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- (2) Majed Alkindi, Amity University, UAE.
- (3) Oliver Magasu, Kwame Nkrumah University, Zambia.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/130529>

Beyond the Bars: Exploring Pre-service Teachers' Understanding of Histograms
DOI: 10.9734/ajpas/2025/v27i3724

Reviewers:

- (1) Gulsah Keklik, Istanbul Technical University, Turkiye.
- (2) Udobia Elijah Etukudo, Federal College of Education, Nigeria.
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- (4) Akanmu Isaiah Adegoke, Obafemi Awolowo University, Nigeria.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/131029>

Applying Banach Algebra for Generalized $(\alpha-\Psi)$ -Contractive Type Maps in Cone Metric Spaces
DOI: 10.9734/ajpas/2025/v27i3725

Reviewers:

- (1) Anas Yusuf, Federal University, Nigeria.
- (2) Rakesh Sarkar, Gour Mahavidyalaya, India.
- (3) Maheshwari P.G, Government First Grade College, Krishnarajanagara, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/131009>

Modelling Interest Rate Return in Nigeria: The Asymmetric Power Autoregressive Conditional Heteroscedasticity
DOI: 10.9734/ajpas/2025/v27i3727

Reviewers:

- (1) Vitaliy Makohon, State Biotechnological University, Ukraine.
- (2) Sebastian Kaweto Kalowwe, Strathmore Institute of Mathematical Sciences (SIMS), Strathmore University, Kenya.

Additional Reviewers:

- (1) Aman Shreevastava, Purnea University, India.
- (2) Nuhu Musa, Kogi State University, Nigeria.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/130783>

Statistical Synthesis of Heckman-Based Selection with Conway-Maxwell-Poisson Probability Models
DOI: 10.9734/ajpas/2025/v27i3728

Reviewers:

- (1) Ramakrishna Kolikipogu, Chaitanya Bharathi Institute of Technology (Osmania University), India.
- (2) Amilcar Marcelo Varela Enriquez, Institute of Higher National Studies – The State Postgraduate University of Ecuador, Ecuador.

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- (2) Mohammed Rasheed, University of Technology, Iraq.

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Innovative Statistical Modelling of Exchange Rates and Agricultural Sector Performance in Nigeria: The Markov-Switching Vector Autoregressive Modelling
DOI: 10.9734/ajpas/2025/v27i3729

Reviewers:

- (1) Hounaida Daly, Hail University, Saudi Arabia.
- (2) Morteza Majidian, University of Tehran, Iran.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/131130>

Exponential-Gamma-Rayleigh Distribution: Theory and Properties
DOI: 10.9734/ajpas/2025/v27i3730

Reviewers:

- (1) Amal Soliman Hassan, Cairo University, Egypt.
- (2) Fidelis Ifeanyi Ugwuowo, University of Nigeria, Nigeria.
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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/131500>

Best Method among three Trend Analysis Methods and Its Forecasting
DOI: 10.9734/ajpas/2025/v27i3731

Reviewers:

- (1) Bishwajeet Prakash, Harihar Saha College, Narayan Mandal University, India.
- (2) Doan Van Dinh, Industrial University of Ho Chi Minh City, Vietnam.
- (3) Julius C. Nwanya, Federal University of Technology, Nigeria.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/131730>

A Study on Exponential Poisson Lindley Distribution, Properties, Simulations and its Application in Engineering
DOI: 10.9734/ajpas/2025/v27i3732

Reviewers:

- (1) Indrani Mukherjee, Maulana Abul Kalam Azad University of Technology, India.
- (2) Oluwamayowa Opeyimika Olajide, Nigeria.
- (3) Adetunji, A. A., Nigeria.
- (4) Shamshad Ur Rasool, Panjab University Chandigarh, India.

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- (1) Olfa Maalej, University of Sfax, Tunisia.
- (2) Pavel Stoyanov, Bulgaria.
- (3) Pradip Kumar, Central University of Odisha, India.
- (4) Vidhya G, Rathinam College of Arts and Science, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/131786>

Performance of Modified Exponentially Weighted Moving Average (M-EWMA) Control Charts Using Transformed F-Distribution
DOI: 10.9734/ajpas/2025/v27i3733

Reviewers:

- (1) Osayomore Ikpotokin, Kampala International University, Uganda.
- (2) Kawa M. Jamal Rashid, College of Administration and Economics – Sulamani University, Iraq.

Additional Reviewers:

- (1) Abdu Atta, Hodeida University, Yemen.
- (2) Akeem Ajibola Adepoju, Aliko Dangote University of Science and Technology, Nigeria.
- (3) Kawa M. Jamal Rashid, College Administration and Economics, University of Sulaimani, Iraq.
- (4) Kotchaporn Karoon, Naresuan University, Thailand.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/130864>

A Deterministic Approach to Analyze COVID-19 Reinfection Using a Susceptible Vaccination Exposed Quarantine Asymptomatic Infectious Treatment and Recovered (SVEQAITR) Model

DOI: 10.9734/ajpas/2025/v27i3734

Reviewers:

- (1) Arun D. Nagargoje, Pratibha Niketan Mahavidyalaya, Nanded, Maharashtra, India.
- (2) Mohit Soni, Govt. Holkar Science College, Indore, Madhya Pradesh, India.
- (3) Jeremiah Savali Kilonzi, Meru University Of Science And Technology, Kenya.

Additional Reviewers:

- (1) Abubakar Abdullahi Madaki, Federal Polytechnic Bali, Nigeria.
- (2) Livinus L. Iwa, Federal University of Technology, Nigeria.
- (3) Oluwaseyi Aliu, Prototype Engineering Development Institute – NASENI, Nigeria.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/132038>

2025 - Volume 27 [Issue 4]**A Hybrid Price Prediction Model For Diesel and Gasoline in Ghana**

DOI: 10.9734/ajpas/2025/v27i4735

Reviewers:

- (1) Prakash Pinto, St Joseph Engineering College, India.
- (2) M. Jeyakarthic, Annamalai University, India.
- (3) Remal Shaher Al-Gounmeein, Al-Hussein Bin Talal University, Jordan.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/126114>

Statistical Modelling of Staff Survival Time in Service at Chuka University

DOI: 10.9734/ajpas/2025/v27i4736

Reviewers:

- (1) Jaleta Abdisa Fufa, Jimma University, Ethiopia.
- (2) Jacob Oketch Okungu, Meru University of Science and Technology, Kenya.
- (3) Alice Constance Mensah, Accra Technical Institute, Ghana.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/124175>

Mathematical Modeling of Ecological Consequences of Climate-Induced Phenological Shifts on Predator-Prey Dynamics

DOI: 10.9734/ajpas/2025/v27i4737

Reviewers:

- (1) Behnam Ebrahimzadeh, Farhangian University, Iran.
- (2) Pochamreddy Sireesha Devi, Anurag University, India.

Additional Reviewers:

- (1) Vidyath T, CMR College of Engineering & Technology, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/133101>

Modelling Trends of Hepatitis E Infection

DOI: 10.9734/ajpas/2025/v27i4738

Reviewers:

- (1) Sanatan Majhi, Utkal University, India.
- (2) Sumera Khalil, University of Health sciences, Pakistan.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/112619>

Adaptive Nonparametric Regression Using Hybrid Fourier-Wavelet Series: A Generalized Inference Approach for Multiscale Socioeconomic Dynamics

DOI: 10.9734/ajpas/2025/v27i4739

Reviewers:

- (1) Ali Kaygusuz, Anadolu University, Turkey.
- (2) Rajarathinam Arunachalam, Manonmaniam Sundaranar University, India.

Additional Reviewers:

- (1) Belaide Karima, University of A Mira Bejaia, Algeria.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/133635>

On Propositions Pertaining to the Riemann Hypothesis IV

DOI: 10.9734/ajpas/2025/v27i4740

Reviewers:

- (1) Sateesh Kumar Deevi, K L deemed to be University, India.
- (2) Papadatu Carmen-Penelopi, "Dunarea de Jos" University from Galati, Romania.
- (3) Aziz Arbai, Morocco.

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- (1) C. Saranya, Cauvery College for Women (Autonomous), India.
- (2) Dalia Sami Ali, University of Baghdad, Iraq.
- (3) Fidele Ngwane, University of South Carolina – Salkehatchie, USA.
- (4) Mohammed Aboud Kadhim, Middle Technical University, Iraq.
- (5) Rachid Messaoudi, University Mohammed 1st, Morocco.
- (6) Tetiana Nadryhailo, Dniprovsky State Technical University, Ukraine.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/133553>

Effect of Outliers on Buys-Ballot Estimates of Trend Parameters and Seasonal Indices in Descriptive Time Series Analysis

DOI: 10.9734/ajpas/2025/v27i4741

Reviewers:

- (1) Kurukulasooriya A. Nisantha, University of Ruhuna, Sri Lanka.
- (2) Mukta Agarwal, Sabarmati University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/131069>

Non-Archimedean Stochastic Fixed-Point Theory Via Sheaf Methods

DOI: 10.9734/ajpas/2025/v27i4742

Reviewers:

- (1) Prakashkumar H. Patel, Neotech College of Applied Science & Research, Shri Govind Guru University, India.
- (2) Reza Chaharpashlou, Jundi-Shapur University of Technology, Iran.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/133980>

Exploring the Factors and Effects of Students' Loyalty to Mobile Network Providers in Lagos, Nigeria: An Investigative Study

DOI: 10.9734/ajpas/2025/v27i4743

Reviewers:

- (1) Walter Nhundu, Zimbabwe Open University, Zimbabwe.
- (2) Mohd Faiq Bin Abd Aziz, Universiti Putra Malaysia, Malaysia.

Additional Reviewers:

- (1) Muhammad Asif, FUUAST, Pakistan.
- (2) M. Vincent Sahayaraj, Sacred Heart College (Autonomous), India.
- (3) Olaolu Awoniyi FCA, National Open University Nigeria, Nigeria.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/133797>

Impact of Public Debt on Private Investment in Kenya

DOI: 10.9734/ajpas/2025/v27i4744

Reviewers:

- (1) Tharindu Udayanga Kamburawala, University of Sri Jayewardenepura, Sri Lanka.
- (2) Sukanta Sarkar, Gambella University, Ethiopia.
- (3) Qanita Imtiaz, Ilma University, Pakistan.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/132018>

Assessing Diabetes Risk Factors Using Logistic Regression: A Kaggle-Based Study

DOI: 10.9734/ajpas/2025/v27i4745

Reviewers:

- (1) Abdushakur Arina Jamwa, Pwani University, Kenya.
- (2) Ashvini Alashetty, Jain (Deemed-To-Be) University, India.

Additional Reviewers:

- (1) Amit Tak, Rajmata Vijaya Raje Scindia Medical College, India.
- (2) Jesu Marcus Immanuel Arockiasamy, United States of America.
- (3) Debajyoti Bora, Pandit Deendayal Upadhyaya Adarsha Mahavidyalaya, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/132579>

Hybrid Predictive Modeling of Wet Gas PVT Properties for Niger Delta Reservoirs

DOI: 10.9734/ajpas/2025/v27i4746

Reviewers:

- (1) Mohammad Reza Mahdiani, Canada.
- (2) Aref ShahiMoghani, Petroleum University of Technology, Iran.

Additional Reviewers:

- (1) Qusai Adnan Mahdi Al-Joboryne, Iraq.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/133446>

Development and Evaluation of a Machine Learning Model for Predicting Terminal Diseases

DOI: 10.9734/ajpas/2025/v27i4747

Reviewers:

- (1) Rex P. Flejoles, Iloilo Science and Technology University, Philippines.
- (2) Sudhanshu Sekhar Tripathy, C.V Raman Global University Bhubaneswar, India.
- (3) Bodduru Keerthana, Anil Neerukonda Institute of Technology and Sciences, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/134681>

Identification of the Maximum Safe Dose for Binary Endpoints

DOI: 10.9734/ajpas/2025/v27i4748

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/134749>

Assessing the Effectiveness of Online Learning Platforms at Federal University of Lafia, Nasarawa State, Nigeria

DOI: 10.9734/ajpas/2025/v27i4749

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Efficient Combined Estimator for Parameter Estimation of Linear Regression Model with Multicollinearity

DOI: 10.9734/ajpas/2025/v27i5750

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/135827>

Development of a Robust Generalized Least Squares Liu Estimator to Address Some Basic Assumptions Violations in Linear Regression Model

DOI: 10.9734/ajpas/2025/v27i5751

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An Application of Natural Cubic Spline for the Prediction and Forecasting of Rainfall in Uttar Pradesh, India

DOI: 10.9734/ajpas/2025/v27i5752

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/135514>

Fitting a Normal Distribution to the Heights of Akwa Ibom State University Students Using Chi-square

DOI: 10.9734/ajpas/2025/v27i5753

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Predicting Burnout in College Students: A Machine Learning Approach Using Decision Tree and Psychometric Data
DOI: 10.9734/ajpas/2025/v27i5754

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The Marshall-Olkin Inverse Rayleigh Distribution and Its Applications
DOI: 10.9734/ajpas/2025/v27i5755

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A Simulation-based Approach to Understanding the Sampling Distribution of the Mean
DOI: 10.9734/ajpas/2025/v27i5756

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DOI: 10.9734/ajpas/2025/v27i5757

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DOI: 10.9734/ajpas/2025/v27i5758

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Impact of Government Environmental Regulations and Foreign Investment on Urban Housing Affordability: A Longitudinal Econometric Analysis (2014–2023)
DOI: 10.9734/ajpas/2025/v27i5759

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Comparative Evaluation of Statistical Methods for Detecting Rater Bias in Ordinal Categorical Data
DOI: 10.9734/ajpas/2025/v27i5760

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Determinants of Mental Health During the COVID-19 Pandemic in Egypt: A GSEM Analysis of Socioeconomic Factors and Income Changes Mediation
DOI: 10.9734/ajpas/2025/v27i5761

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2025 - Volume 27 [Issue 6]

Comparative Predictive Performance of Artificial Neural Networks and ARIMA Models for COVID-19 Case Forecasting in Nigeria
DOI: 10.9734/ajpas/2025/v27i6762

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Determinants of Infant Mortality in Kenya based on Kenya Demographic and Health Survey 2022: Applying Cox proportional Hazards Model
DOI: 10.9734/ajpas/2025/v27i6763

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- (2) Agbedeyi Odimentimi Desmond, Delta State Polytechnic, Ogwashi-Uku, Nigeria.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/128306>

Evaluating the Influence of Environmental Factors on Wheat Growth Using Mixed-effects Modeling
DOI: 10.9734/ajpas/2025/v27i6764

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Norm-Attainable Operators in Hilbert Spaces: Probabilistic and Finite-Rank Perspectives
DOI: 10.9734/ajpas/2025/v27i6765

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/130214>

Assessing the Impact of the COVID-19 Pandemic on Nigeria's Economic Performance Using VAR Model: Evidence from Key Economic Indicators
DOI: 10.9734/ajpas/2025/v27i6766

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/137585>

Non-Parametric Estimation of the Posterior Distribution in Monitoring Primary School Enrollment in Mt. Elgon Region, Kenya
DOI: 10.9734/ajpas/2025/v27i6767

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A Mathematical Model of Cardiovascular Disease Dynamics Incorporating Personal Risk Factors
DOI: 10.9734/ajpas/2025/v27i6768

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The Poisson - Pratihba Probability Model with Statistical Properties and Applications
DOI: 10.9734/ajpas/2025/v27i6769

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A Modified Super Convergent Line Search Algorithm for Solving Quadratically Constrained Quadratic Optimization Problems
DOI: 10.9734/ajpas/2025/v27i6770

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Non-Nested Test Statistic for Comparison of the Two-Parameter Burr Type X and Gamma-Weibull Distributions with Application to Heights of Students of Akwa Ibom State University, Nigeria
DOI: 10.9734/ajpas/2025/v27i6771

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/137163>

Modeling and Decoding Hidden States in Sequential Data Using Hidden Markov Model
DOI: 10.9734/ajpas/2025/v27i6772

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/138634>

Analyzing the Factors Influencing under Five Mortality in Kenya: Insights from the 2022 Survey Data
DOI: 10.9734/ajpas/2025/v27i6773

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/133005>

A Hybrid Intrusion Detection System Combining PCAMIX, KPCA, and Random Forest for Enhanced Anomaly Detection
DOI: 10.9734/ajpas/2025/v27i7774

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Hybrid Model for Under-five Mortality Rate Forecasting in Nigeria
DOI: 10.9734/ajpas/2025/v27i7775

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DOI: 10.9734/ajpas/2025/v27i7776

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Exploring the Impact of Key Factors and their Interactions on Process Outcomes in Experimental Optimization
DOI: 10.9734/ajpas/2025/v27i7777

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A Comprehensive Review of Machine Learning Approaches for Predictive Analytics in Healthcare Diagnosis and Clinical Decision-making
DOI: 10.9734/ajpas/2025/v27i7778

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Modern Prediction Models for BMI: Contrasting XGBoost with Bayesian Geo-additive Quantile Regression Model in Women's Health
DOI: 10.9734/ajpas/2025/v27i7779

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Gamma-exponential Distribution (GED): Theory and Its Properties
DOI: 10.9734/ajpas/2025/v27i7780

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Applications of Hidden Markov Models in Detecting Regime Changes in Bitcoin Markets
DOI: 10.9734/ajpas/2025/v27i7781

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Application of Markov Chain Model to Analysis and Prediction of Green Gram Price Transitions in Kitui County, Kenya
DOI: 10.9734/ajpas/2025/v27i7782

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Generalized Almost Unbiased Estimator of Finite Population Variance under Stratified Random Sampling
DOI: 10.9734/ajpas/2025/v27i7783

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A Hybrid LSTM-DCC Model for Multivariate Cryptocurrency Volatility Prediction
DOI: 10.9734/ajpas/2025/v27i7784

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Monitoring Dispersion in the Compressive Strength of Parts Using Group Runs Control Chart
DOI: 10.9734/ajpas/2025/v27i7785

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Prevalence and Determinants of Transactional Sex among Commercial Drivers in Southwest, Nigeria
DOI: 10.9734/ajpas/2025/v27i7786

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A Weibull-fréchet Proportional Hazard Model with Applications to Tuberculosis Data
DOI: 10.9734/ajpas/2025/v27i7787

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A Hybrid GPR-GAM Model for Enhanced Spatio-Temporal Climate Prediction in Kenya
DOI: 10.9734/ajpas/2025/v27i7788

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- (2) Abhishek Pandey, IAR University, India.

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2025 - Volume 27 [Issue 8]

Modelling Spatial and Non-Linear Trends in Climate Data Using Gaussian Process Regression and Generalized Additive Model
DOI: 10.9734/ajpas/2025/v27i8789

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Exchange Rate Risk Measurement of Kenyan Commercial Banks: By Integrating Value-at-Risk and Extreme Value Theory
DOI: 10.9734/ajpas/2025/v27i8790

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Prediction of Stock Prices Using LSTM-ARIMA Hybrid Deep Learning Model
DOI: 10.9734/ajpas/2025/v27i8791

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Estimating Parameters of the Beta Regression Model Using the Dung Beetle Optimizer: Comparative Analysis with BFGS and Application to Thalassemia Data
DOI: 10.9734/ajpas/2025/v27i8792

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A Study On Hyperbolic Generalized Edouard Numbers
DOI: 10.9734/ajpas/2025/v27i8793

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Forecasting Malaysian Rubber Prices Using Time Series Models
DOI: 10.9734/ajpas/2025/v27i8796

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DOI: 10.9734/ajpas/2025/v27i8797

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Bayesian Model for Predicting Voting Behavior in Presidential Elections in Kenya
DOI: 10.9734/ajpas/2025/v27i8798

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A Comparative Statistical Approach for Forecasting Maize Yield in India Using ARIMA Models
DOI: 10.9734/ajpas/2025/v27i9799

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A Fractional Version of the Stochastic Alpha–Beta–Rho (SABR) Model within a Fast-varying Stochastic Environment (FVSE)
DOI: 10.9734/ajpas/2025/v27i9800

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Center of the n^{th} Dihedral Group and Centralizers of the Elements of the n^{th} Dihedral Group, D_n , where $3 \leq n \leq 20$, $n \in \mathbb{Z}^+$
DOI: 10.9734/ajpas/2025/v27i9801

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DOI: 10.9734/ajpas/2025/v27i9802

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DOI: 10.9734/ajpas/2025/v27i9803

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Viscosity Solutions of Stochastic HJB Equations for Utility Maximization in Fractional SABR Models
DOI: 10.9734/ajpas/2025/v27i9804

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DOI: 10.9734/ajpas/2025/v27i9805

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On an Extension Multifractional SABR Model for Pricing Variance and Volatility Swaps
DOI: 10.9734/ajpas/2025/v27i9806

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DOI: 10.9734/ajpas/2025/v27i9807

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DOI: 10.9734/ajpas/2025/v27i9808

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Evaluating Ten Simple Regression Models against a New Model: A Comparative Performance Study
DOI: 10.9734/ajpas/2025/v27i10809

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/144931>

Advancing Robust Estimation in Simultaneous Equation Models: Application of New Techniques to the Klein Model I Dataset
DOI: 10.9734/ajpas/2025/v27i10810

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A Comparison of Classical Non-Parametric and Bayesian Non-parametric Approaches in Grade Comparisons in a Tertiary Institution
DOI: 10.9734/ajpas/2025/v27i10811

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Two-sample Calibrated Imputation in Surveys: A Methodological Framework for Secondary Data Analysis
DOI: 10.9734/ajpas/2025/v27i10812

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DOI: 10.9734/ajpas/2025/v27i10813

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Empirical Validation of Robust Estimators in Panel Data Models under Multicollinearity, Heteroscedasticity, and Autocorrelation
DOI: 10.9734/ajpas/2025/v27i10814

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DOI: 10.9734/ajpas/2025/v27i10815

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Comparison of Robust Methods for Multiple Linear Regression Models

DOI: 10.9734/ajpas/2025/v27i10816

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DOI: 10.9734/ajpas/2025/v27i10818

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DOI: 10.9734/ajpas/2025/v27i10819

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2025 - Volume 27 [Issue 11]**Causal Inference in the Bayesian Framework: Principles and Applications**

DOI: 10.9734/ajpas/2025/v27i11821

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On Dual Hyperbolic Generalized Pierre Numbers
DOI: 10.9734/ajpas/2025/v27i11822

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DOI: 10.9734/ajpas/2025/v27i11823

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A Comparative Deep Learning Methodology for Enhancing Activation Functions in Fraud Detection
DOI: 10.9734/ajpas/2025/v27i11824

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Assessing Nigeria's Resilience to Oil-price Volatility: Evidence from a Vector Autoregression of GDP Dynamics and Policy Buffers
DOI: 10.9734/ajpas/2025/v27i11825

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Optimization of Bioethanol Yield from Pineapple Peels Using Response Surface Methodology
DOI: 10.9734/ajpas/2025/v27i11826

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Comparing the Power of Correlation Measures under Different Relationships: A Simulation Study
DOI: 10.9734/ajpas/2025/v27i11827

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DOI: 10.9734/ajpas/2025/v27i11828

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A Semi-Markov Model of Sequential Road Safety Legislation and Crash Fatalities in Nigeria

DOI: 10.9734/ajpas/2025/v27i11829

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DOI: 10.9734/ajpas/2025/v27i11830

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An Inventory Production Model with Time-Dependent Production Rate, Deterioration Rate and Demand Rate without Shortage

DOI: 10.9734/ajpas/2025/v27i11831

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Study on Evolutionary Game of Quality Regulation of Tea Products in Guizhou — Simulation Analysis Based on the Case of Meitan-Fenggang Counties

DOI: 10.9734/ajpas/2025/v27i11832

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Ensemble Machine Learning Application and Feature Importance Detection in Stock Price Prediction

DOI: 10.9734/ajpas/2025/v27i11833

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Time Series Modeling of Nigerian Monthly Demand Deposits: Evidence of White Noise Behaviour

DOI: 10.9734/ajpas/2025/v27i11834

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Estimation of Stress-Strength Reliability Based on the Exponential-Gamma Model: Theory and Applications

DOI: 10.9734/ajpas/2025/v27i11835

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Evaluating Climate-Rainfall-Temperature Interactions and their Effects on Water Resource Sustainability (SDG 6) using ARIMA and ARIMAX Models

DOI: 10.9734/ajpas/2025/v27i112836

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