

List of Reviewers
(as per the published articles)
Year: 2024

Asian Journal of Probability and Statistics
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2024 - Volume 26 [Issue 1]

Effect of Increasing Sample Size on Multi-Collinearity in Multilevel Non-Linear Model
DOI: 10.9734/ajpas/2024/v26i1587

Reviewers:

- (1) Murshal Manaf, Bosowa University, Indonesia.
- (2) Nishant Kumar Pathak, Ajay Kumar Garg Engineering College, India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/111770>

Modeling and Predicting the Egyptian Pound's Exchange Rate Per the American Dollar on a Short-Term Scale by Using ARIMA – Probability Distributions
DOI: 10.9734/ajpas/2024/v26i1576

Reviewers:

- (1) Shalitha Jacoob, Mar Thoma College for Women, India.
- (2) Chaobing He, Anyang Normal University, China.
- (3) Christogonus Ifeanyichukwu Ugoh, Nnamdi Azikiwe University, Nigeria.

Additional Reviewers:

- (1) Dipika Patra, Seth Anandram Jaipuria College, India.
- (2) R. Wongsathan, Research Institute of North-Chiang Mai University, Thailand.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/110943>

The Remkan Distribution and Its Applications
DOI: 10.9734/ajpas/2024/v26i1577

Reviewers:

- (1) Haitham Fawzy, Cairo University, Egypt.
- (2) Abd-Elnaser Saad A. R., Cairo University, Egypt.
- (3) Ahmed A. Al-Rubaiee, Mustansiriyah University, Iraq.

Additional Reviewers:

- (1) Rama Shanker, Assam University, India.
- (2) Zainab Shawky El-Khalifa, Egypt.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/112093>

Choosing Confidence Intervals in Bioequivalence Studies: 100(1 - 2 α)% and 100(1 - α)% Approaches
DOI: 10.9734/ajpas/2024/v26i1578

Reviewers:

- (1) Dmitriy Klyushin, Taras Shevchenko National University of Kyiv, Ukraine.
- (2) Xingsi Xue, School of Computer Science and Mathematics, Fujian University of Technology, China.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/111609>

Comparison of Generalized Linear Model between Gamma and Tweedie Compound Response for Rainfall Prediction in Lampung Province
DOI: 10.9734/ajpas/2024/v26i1583

Reviewers:

- (1) Aziz Benhamrouche, University of Constantine 1, Algeria.
- (2) Udokang Anietie Edem, The Federal Polytechnic Ofa, Nigeria.

Additional Reviewers:

- (1) Sandeep Bhardwaj, CCS Haryana Agricultural University, India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/112574>

Stabilizing Error Correction Mechanism in the Presence of Explosiveness
DOI: 10.9734/ajpas/2024/v26i1584

Reviewers:

- (1) Deepika Mallampati, Osmania University, India.
- (2) Moch. Syamsudin, University of Jember, Indonesia.

Additional Reviewers:

- (1) Umesh Bhagat, Indian institute of Technology Madras, India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/112368>

The Long Run and Short Run Impact of GDP and Real Income on Solid Waste in Nigeria Using Vector Error Correction Model
DOI: 10.9734/ajpas/2024/v26i1585

Reviewers:

- (1) Simon Stephen Mshelia, Federal University, Nigeria.
- (2) Oscar Chiwira, BA ISAGO University, Botswana.

Additional Reviewers:

- (1) Martha Kibukamusoke, Cavendish University Uganda, Uganda.
- (2) Md. Arafat Rahman, East Delta University, Bangladesh.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/112527>

Classification of Java Cities/Regencies Based on Human Development Index Using Discriminant Analysis and Naïve Bayes Classifier
DOI: 10.9734/ajpas/2024/v26i1586

Reviewers:

- (1) Aniket Shahade, Sant Gadge Baba Amravati University, India.
- (2) Rahul Deo Sah, Dr. Shyama Prasad Mukherjee University, India.

Additional Reviewers:

- (1) El Barakaz Fatima, University Chouaib Doukkali, Morocco.
- (2) Waqas Haider Bangyal, Kohsar University, Pakistan.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/112444>

2024 - Volume 26 [Issue 2]

The Impact of Macroeconomic Factors on Nigerian-Naira Exchange Rate Fluctuations (1981-2021)

DOI: 10.9734/ajpas/2024/v26i2589

Reviewers:

- (1) S. Baranidharan, School of Business and Management, Christ University, India.
- (2) Zdzisław W. Puślecki, Adam Mi Poland Ckiewicz University, Poland.

Additional Reviewers:

- (1) Andolo Dan Ojijo, Maseno University, Kenya.
- (2) Juliet Libanda, Zambia.
- (3) Lam Weng Hoe, Universiti Tunku Abdul Rahman, Malaysia.
- (4) Ni Putu Santi Suryantini, Udayana University, Indonesia.
- (5) Yiming He, South China University of Technology, China.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/112408>

Foreign Direct Investment and Economic Growth in Nigeria: A Revisit

DOI: 10.9734/ajpas/2024/v26i2590

Reviewers:

- (1) Syed M. Waqar Azeem Naqvi, Canada.
- (2) Nikola Radivojevic, Academy at Applied Studies Sumadija, Serbia.

Additional Reviewers:

- (1) Tsung-Han Ke, Providence University, Taiwan.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/112759>

A Study of the Impacts of Measurement errors on Robust Parameter Design for Multi-response

DOI: 10.9734/ajpas/2024/v26i2591

Reviewers:

- (1) Mohsin Ali, Medi-Caps University, India.
- (2) Satyanarayana, Manipal Academy of Higher Education, India.

Additional Reviewers:

- (1) Ishaan Tamhankar, Veer Narmad South Gujarat University, India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/112538>

Multivariate Rank-Based Analysis of Multiple Endpoints in Clinical Trials: A Global Test Approach

DOI: 10.9734/ajpas/2024/v26i2592

Reviewers:

- (1) Shalitha Jacob, Mar Thoma College for Women, India.
- (2) Ezimadu, Delta State University, Nigeria.

Additional Reviewers:

- (1) Shital Saha, National Institute of Technology Rourkela, India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/112095>

Mathematical Modeling of Bird Harvesting in Intensive Poultry System

DOI: 10.9734/ajpas/2024/v26i2593

Reviewers:

- (1) B. Dhanalakshmi, B.S. Abdur Rahman Crescent Institute of Science and Technology, India.
- (2) Masitawal Demsie Goshu, Debre Tabor University, Ethiopia.

Additional Reviewers:

- (1) Ly Van An, Tay Ninh University, Vietnam.
- (2) M.Raji, Vels Institute of Science, Technology and Advanced Studies, India.
- (3) A.Manickam, VIT Bhopal University, India.
- (4) Geremew Kenassa E., Wollega University, Ethiopia.
- (5) Indrajeet Varhadpande, St. Vincent Pallotti College of Engineering & Technology, India.
- (6) M.Gayathri, Maruthupandiyar College (Affiliated to Bharathidasan University), India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/112594>

Effect of Firm Size and Profitability on Long Term Debt of Firms Listed at the Nairobi Securities Exchange, Kenya

DOI: 10.9734/ajpas/2024/v26i2594

Reviewers:

- (1) Chetan Trivedi, Chandigarh University, India.
- (2) Adunreke Samuel Rotimi, Nigeria.

Additional Reviewers:

- (1) Muh Afzal Mubarak AS, Sunan Kalijaga State Islamic University, Indonesia.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/110481>

Application of Random Forest in Modeling the Prevalence of Depression among Murang'a University of Technology Students

DOI: 10.9734/ajpas/2024/v26i2595

Reviewers:

- (1) Abdul Salam Shah, ILMA University, Pakistan.
- (2) Rakesh Kumar, IIMT Engineering College, India.

Additional Reviewers:

- (1) Bharat Sampatrao Borkar, Amrutvahini College of Engineering, India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/113027>

Asymptotic Theorems for Discrete Markov Chains
DOI: 10.9734/ajpas/2024/v26i2588

Reviewers:

- (1) Suharmanto, Univeritas Lampung, Indonesia.
- (2) S. Vidhya, Cauvery College for Women, India.
- (3) Ela Ulfiana, SMP NEGERI 1 Belitang, Indonesia.

Additional Reviewers:

- (1) R. Selvi, Sri Parasakthi College for Women, India.
- (2) A. T. Adeniran, University of Ibadan, Nigeria.
- (3) Farah El Mehdi, Morocco.
- (4) Magda Mohamed Mohamed Haggag, Egypt.
- (5) Rachid Messaoudi, University Mohammed 1st of Oujda, Morocco.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/112652>

2024 - Volume 26 [Issue 3]

Modeling Self Help Groups' Impact on Livelihoods in Murang'a East Sub-County: A Logistic Regression Approach
DOI: 10.9734/ajpas/2024/v26i3596

Reviewers:

- (1) Bosson-Amedenu Senyefia, Holy Child College of Education, Ghana.
- (2) Khairul Islam, Eastern Michigan University, USA.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/113089>

Analysing the Nexus between the Financial Sector and Economic Growth in Nigeria: A Comparative Investigation using, BVAR, Linear Regression (OLS), and PPML Models
DOI: 10.9734/ajpas/2024/v26i3597

Reviewers:

- (1) Mekuannet Worku Tefera, Debre Tabor University, Ethiopia.
- (2) Mrinal Deka, Assam Down Town University, India.

Additional Reviewers:

- (1) Hadi Sutrisno, University of Darul Ulum, Indonesia.
- (2) Panchugopal Biswas, G B Pant University of Agril. & Tech, India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/113598>

Estimation of Reliability under Conditional Stress - Strength Setup based on Weibull Distribution
DOI: 10.9734/ajpas/2024/v26i3598

Reviewers:

- (1) T S Arulananth, JNTUH, India.
- (2) Jaber Kazempoor, Ferdowsi University of Mashhad, Iran.

Additional Reviewers:

- (1) Azaz Ahmed, Govt. Islamia College, Pakistan.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/114033>

Mathematical Modeling of Intra-Communal Violence and Risk-Level Analysis. Case Study: Obiaruku Community in Delta State, Nigeria
DOI: 10.9734/ajpas/2024/v26i3599

Reviewers:

- (1) Ebrahim E. Elsayed, Mansoura University, Egypt.
- (2) Awad M. Slimia, Palestine Institute National Security of Research, Palestine.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/113996>

Spatial Regression Modeling of Child Survival on the Distribution of Births and Deaths in Kenya Based on the Kenya Demographic and Health Survey (KDHS) 2022
DOI: 10.9734/ajpas/2024/v26i3600

Reviewers:

- (1) Love Cherukei Nnoka, Port Harcourt Polytechnic, Nigeria.
- (2) Kavitha.P, Dhanalakshmi Srinivasan College of Nursing, The Tamilnadu Dr M.G.R Medical University, India.

Additional Reviewers:

- (1) Ogungbenle Gbenga M., University of Jos, Nigeria.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/113841>

An Investigation of Multi-server Queuing Analysis to Assess Hospital Healthcare Systems' Operational Effectiveness
DOI: 10.9734/ajpas/2024/v26i3601

Reviewers:

- (1) Shanmuga Sundari M, Bvrit Hyderabad College of Engineering for Women, India.
- (2) Muhammad Ahmed Kalwar, Mehran University of Engineering and Technology, Pakistan.

Additional Reviewers:

- (1) Dilipkumar Jang Bahadur Saini, Pimpri Chindwad University, India.
- (2) K. Srinivasan, India.
- (3) Ather Aziz Raina, Govt. Degree College Thannamandi, India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/113536>

Socio-Economic and Demographic Factors that Influence Contraceptive Use by Men in Afikpo North Local Government Area of Ebonyi State
DOI: 10.9734/ajpas/2024/v26i3602

Reviewers:

- (1) Pavlo Hryhoruk, Khmelnytskyi National University, Ukraine.
- (2) Saraa Abdulaziz Abraham, Al-Nahrain University, Iraq.

Additional Reviewers:

- (1) C.L. Avadhani, Annamalai University, India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/109303>

Analysis of the Effects of Money Market Fund Mobilization on the Dynamics of Nigerian Economic Growth
DOI: 10.9734/ajpas/2024/v26i3603

Reviewers:

- (1) Amrin, Medan State Polytechnic, Indonesia.
- (2) Anam Fazal, Lahore Garrison University, Pakistan.

Additional Reviewers:

- (1) Mohtar Rasyid, Universitas Trunojoyo Madura, Indonesia.
- (2) Basweshwar Jirwankar, Dr. Babasaheb Ambedkar Technological University, India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/114407>

Fixed Point and Coincidence Point Theorems in Dualistic Partial Metric Spaces
DOI: 10.9734/ajpas/2024/v26i3611

Reviewers:

- (1) Woraphak Nithiarayaphaks, Rajamangala University of Technology, Thailand.
- (2) Mesaud Tesfaye Yimer, Samara University, Ethiopia.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/115882>

2024 - Volume 26 [Issue 4]

A Note on the Risk Model with Dependence and Capital Injections
DOI: 10.9734/ajpas/2024/v26i4604

Reviewers:

- (1) Sisay Dabi Begna, Ethiopia.
- (2) G. Subash Chandrabose, Aarupadai Veedu Medical College and Hospital, India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/115262>

Bayesian Probabilistic Projection of Population Census in the Kingdom of Saudi Arabia
DOI: 10.9734/ajpas/2024/v26i4605

Reviewers:

- (1) Chaoqian Wang, George Mason University, USA.
- (2) Atajeroma Edefe John, Delta State University of Science and Technology, Nigeria.
- (3) Nathier. A. Ibrahim, Al – Turath University College, Iraq.

Additional Reviewers:

- (1) Gbenga Aduagbemi Adegbite, Covenant University, Nigeria.
- (2) Kartono, Diponegoro University, Indonesia.
- (3) Mohammed Mousa Mohsin, University of Basrah, Iraq.
- (4) Oralía Nolasco Jáuregui, Tecana American University, USA.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/115306>

Modelling by Generation of Poisson Distributed Numbers of First Historical Zika Outbreak in Salta, Argentina
DOI: 10.9734/ajpas/2024/v26i4606

Reviewers:

- (1) Pankaj Dumka, Jaypee University of Engineering and Technology, India.
- (2) Nitin Goyal, CUH, India.

Additional Reviewers:

- (1) Leonid Galchynsky, Igor Sikorsky National Technical University of Ukraine "KPI", Ukraine.
- (2) Prasad Rayi, International School of Technology & Sciences (for women), India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/114324>

An Analytical Study on Dual Generalized Guglielmo Numbers
DOI: 10.9734/ajpas/2024/v26i4607

Reviewers:

- (1) Amrit Das, Vellore Institute of Technology, India.
- (2) Ottorino Ori, Italy.

Additional Reviewers:

- (1) D Gopal, CMR Engineering College, Kandlakoya, India.
- (2) G. Rajkumar, N.M.S.S. Vellaichamy Nadar College, India.
- (3) Sarmad Abdulkhaleq Salih, Al- Hamdaniya University, Iraq.
- (4) S. Hemalatha, SSM Institute of Engineering and Technology, Dindigul, India.
- (5) S. Santhi, VISTAS, India.
- (6) Surapati Pramanik, Nandalal Ghosh B.T. College, India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/115493>

Assessing Urban Tourism Development Efficiency: Based on a DEA Approach
DOI: 10.9734/ajpas/2024/v26i4608

Reviewers:

- (1) Fajar Aditya Nugroho, Jakarta State University, Indonesia.
- (2) Muthana Faaeq Almasooudi, University of Kerbala, Iraq, The Universiti Sains, Malaysia.

Additional Reviewers:

- (1) Swapnakumari B. Patil, India.
- (2) Joseph Karimi Ngunga, Karatina University, Kenya.
- (3) Onu, Obineke Henry, Ignatius Ajuru University of Education, Nigeria.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/115827>

On Some Stochastic Ordering Comparisons for Renewal Processes
DOI: 10.9734/ajpas/2024/v26i4609

Reviewers:

- (1) Isra Natheer Alkallak, College of Nursing, University of Mosul, Iraq.
- (2) Eman Hassan Ouda, University of Technology, Iraq.

Additional Reviewers:

- (1) Raju Nellutla, Guru Nanak Institutions Technical Campus, India.
- (2) Raheel Muzzammel, University of Lahore, Pakistan.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/116200>

Arima Model to Predict the Prevalence of Diabetes Type 1 and Type 2 Patients: A Case Study of Jos University Teaching Hospital
DOI: 10.9734/ajpas/2024/v26i4612**Reviewers:**

- (1) Negalgn Byadgie Gelaw, Mizan Aman College of Health Sciences, Ethiopia.
- (2) Shahebaz Ahmed Khan, Avanthi Institute of Engineering and Technology, India.

Additional Reviewers:

- (1) Nazmun Nahar Khanomm, Military Institute of Science and Technology (MIST), Bangladesh.
- (2) Priyanka Gupta, Guru Ghasidas Vishwavidyalaya, India.
- (3) Amir Hamta, Arak University of Medical Sciences, Iran.
- (4) S. Manochandar, CARE College of Engineering, India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/109651>

An Improved Product Estimator for Finite Population Mean in the Presence of Nonignorable Nonresponse
DOI: 10.9734/ajpas/2024/v26i4613**Reviewers:**

- (1) Asia Mahdi Naser Alzubaidi, University of Kerbala, Iraq.
- (2) Waqar Hafeez, School of Quantitative Sciences, Universiti Utara Malaysia, Malaysia.

Additional Reviewers:

- (1) Jollanda Shara, University "Eqrem Cabej", Albania.
- (2) M. S. Hamed, Gulf Colleges, KSA.
- (3) A. T. Adeniran, University of Ibadan, Nigeria.
- (4) Edward Obeng Amoako, Kwame Nkrumah University of Science and Technology, Ghana.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/116630>

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Almost Unbiased Estimators for Population Coefficient of Variation Using Auxiliary Information
DOI: 10.9734/ajpas/2024/v26i5614**Reviewers:**

- (1) Ewurum Tennison Ifechukwu, Federal Polytechnic Nekede Owerri, Nigeria.
- (2) Isah Muhammad, Binyaminu Usman Polytechnic, Nigeria.

Additional Reviewers:

- (1) Andrea Otwande, Kisii University, Kenya.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/116749>

Determinants of Financial Inclusion in Kenya: A Demand-Side Perspective
DOI: 10.9734/ajpas/2024/v26i5615**Reviewers:**

- (1) Tanveer Bagh, Central University of Finance and Economics, China.
- (2) Ravirajan Karunanithi, United States of America.

Additional Reviewers:

- (1) Mukul Bhatnagar, Chandigarh University, India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/116923>

Assessing the Impact of Inflation and Exchange Rate on Nigerian Gross Domestic Product (1981-2022)
DOI: 10.9734/ajpas/2024/v26i5616**Reviewers:**

- (1) Yun-Yeong Kim, Dankook University, South Korea.
- (2) Alfie Maria Custodio, Notre Dame of Dadiangas University, Philippines.
- (3) Sabeha Barzan Farhod, University of Baghdad, Iraq.

Additional Reviewers:

- (1) Borislav Kolaric, Academy of Applied Studies Sabac, Serbia.
- (2) Eddy Winarso, Jenderal Achmad Yani University, Indonesia.
- (3) Mukesh Kumar Mishra, India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/116943>

Methods of Assigning Labels to Detect Outliers
DOI: 10.9734/ajpas/2024/v26i5617**Reviewers:**

- (1) Mohd Yunus Abd Shukor, Universiti Putra Malaysia, Malaysia.
- (2) Thiago Rafael da Silva Moura, Federal University of Pará, Brazil.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/117004>

Measuring the Effect of Regime Change on Petroleum Price in Nigeria Using Moving Index
DOI: 10.9734/ajpas/2024/v26i5618**Reviewers:**

- (1) Sabeel Khan, Pakistan.
- (2) Yousif Sabti, College of Health & Medical Technology, Sawa University, Iraq.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/116560>

Premium Estimation of General Insurance Contracts Using Buhlmann Credibility Model
DOI: 10.9734/ajpas/2024/v26i5619**Reviewers:**

- (1) A.Rizwana, V.H.N. Senthikumara Nadar College (Autonomous), India.
- (2) Chaoqian Wang, George Mason University, USA.
- (3) Maba Boniface Matadi, University of Zululand, South Africa.
- (4) Suha Najeeb Shihab, University of Technology, Iraq.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/117165>

Extreme Values and Reliability Measures of Continuous Erlang Mixtures
DOI: 10.9734/ajpas/2024/v26i6620

Reviewers:

- (1) Navleen Singh Rekhi, DAV Institute of Engineering & Technology, India.
- (2) Raju Nellutla, Guru Nanak Institutions Technical Campus (A), India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/117085>

Mathematical Model for Mitigating the Community Spread of COVID – 19 in Afikpo North LGA of Ebonyi State, Nigeria
DOI: 10.9734/ajpas/2024/v26i6621

Reviewers:

- (1) Attapon Cheepsattayakorn, Western University, Thailand.
- (2) Madan Lal, Mahatma Jyotiba Phule Rohilkhand University, India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/117434>

Sentiment Classification of Safaricom PLC Social Media Sentiments on X(Formerly Twitter)
DOI: 10.9734/ajpas/2024/v26i6622

Reviewers:

- (1) Sibio Cheng, Imperial College London, UK.
- (2) R.M. Tharsanee, Kumaraguru College of Technology, India.
- (3) Andrea Piroddi, University of Bologna, Italy.
- (4) Jaill Manafian, University of Tabriz, Iran.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/117163>

Construction of two New Second Order Rotatable Designs Using Trigonometric Functions
DOI: 10.9734/ajpas/2024/v26i6623

Reviewers:

- (1) Andrea Piroddi, University of Bologna, Italy.
- (2) O. Osunade, University of Ibadan, Nigeria.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/117877>

Investigating the Impact of TB or COVID-19 Infections on a Population Suffering from TB/COVID-19 Coinfection
DOI: 10.9734/ajpas/2024/v26i6624

Reviewers:

- (1) Syllas Oswald, University of Dar es Salaam, Tanzania.
- (2) Nitin Goyal, Central University of Haryana, India.
- (3) Ashish Acharya, Swami Vivekananda Institute of Modern Science, India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/118170>

Travel Salesman Problem Using Dynamic Programming
DOI: 10.9734/ajpas/2024/v26i6625

Reviewers:

- (1) Souhail Dhouib, Higher Institute of Industrial Management, University of Sfax, Tunisia.
- (2) Sudhanshu Maurya, Symbiosis International (Deemed University), India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/118144>

Assessment of Required Sample Sizes for Estimating Proportions
DOI: 10.9734/ajpas/2024/v26i7629

Reviewers:

- (1) Abel Idrisu Shaba, Federal University of Technology, Nigeria.
- (2) Md Al Araf, Bangladesh University of Business and Technology, Bangladesh.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/118167>

A Review of Some Goodness-of-Fit Tests for Logistic Regression Model
DOI: 10.9734/ajpas/2024/v26i7631

Reviewers:

- (1) Sandrillito V Abogada Jr, Polytechnic University of the Philippines, Philippines.
- (2) V. Nithya, University College of Engineering, Villuppuram, India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/117707>

Advancing Retail Predictions: Integrating Diverse Machine Learning Models for Accurate Walmart Sales Forecasting
DOI: 10.9734/ajpas/2024/v26i7626

Reviewers:

- (1) Aaron Don M. Africa, De La Salle University Manila, Philippines.
- (2) Vijay Gadhavi, Swaminarayan University, India.
- (3) Ankit Mahule, Shri Ramdeobaba College of Engineering and Management, India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/118179>

Common Fixed-Point Theorem for Expansive Mappings in Dualistic Partial Metric Spaces
DOI: 10.9734/ajpas/2024/v26i7627

Reviewers:

- (1) Khushdil Ahmad, Government College University, Pakistan.
- (2) Mudasir Younis, Indian Institute of Technology, India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/118676>

Rainfall Pattern in Kenya: Bayesian Non-parametric Model Based on the Normalized Generalized Gamma Process
DOI: 10.9734/ajpas/2024/v26i7628

Reviewers:

- (1) Pegah Mahdavi, University of Mazandaran, Iran.
- (2) Azaz Ahmed, Govt. Islamia Graduate College, Pakistan.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/116222>

Modeling the Effect of Random Environmental Perturbation on Data Precision in Niger Delta Crude Oil Production
DOI: 10.9734/ajpas/2024/v26i7630

Reviewers:

- (1) Jalil Manafian, University of Tabriz, Iran.
- (2) Žiga Gosar, Slovenia.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/118598>

Improved LARS Algorithm for Adaptive LASSO in the Linear Regression Model
DOI: 10.9734/ajpas/2024/v26i7632

Reviewers:

- (1) Chaoqian Wang, George Mason University, USA.
- (2) Gbenga Aduagbemi Adegbite, Covenant University, Nigeria.
- (3) Satyanarayana, Manipal Academy of Higher Education, India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/118753>

Bayesian Sequential Updation and Prediction of Currency in Circulation Using a Weighted Prior
DOI: 10.9734/ajpas/2024/v26i7633

Reviewers:

- (1) Hayder Abbood Kori, University of Thi – Qar, Iraq.
- (2) Asia Mahdi Naser Alzubaidi, University of Karbala, Iraq.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/118877>

2024 - Volume 26 [Issue 8]

On Propositions Pertaining to the Riemann Hypothesis III
DOI: 10.9734/ajpas/2024/v26i8634

Reviewers:

- (1) Kalyan Lakshmi Chitta, India.
- (2) Bal B Tamang, Tribhuvan University, Nepal.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/119991>

Efficiency of Modified Exponential Dual to Ratio-Product-Cum Type Estimator under Stratified Sampling Using Two Auxiliary Variables
DOI: 10.9734/ajpas/2024/v26i8635

Reviewers:

- (1) Maria Teresa T. Garcia, Ilocos Sur Polytechnic State College, Philippines.
- (2) Prasad Rayi, International School of Technology & Sciences, India.

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Three-Parameters Gumbel Distribution: Properties and Application
DOI: 10.9734/ajpas/2024/v26i8636

Reviewers:

- (1) Vincent Raja Anthonisamy, University of Guyana, India.
- (2) Amaury de Souza, Federal University of Mato Grosso do Sul, Brazil.
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- (4) Jaber Kazempoor, Ferdowsi University of Mashhad, Iran.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/118093>

Monthly Rainfall Forecasting Using High Order Singh's Fuzzy Time Series Based on Interval Ratio Methods: Case Study Semarang City, Indonesia
DOI: 10.9734/ajpas/2024/v26i8638

Reviewers:

- (1) Farah El Mehdi, Hassan II University of Casablanca, Morocco.
- (2) S. Vidhya, Cauvery College for Women (Autonomous), India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/119792>

Discrete Erlang Mixed Distributions and their Properties
DOI: 10.9734/ajpas/2024/v26i8639

Reviewers:

- (1) Abhishek Tyagi, India.
- (2) John G Vlachogiannis, Greece.
- (3) Salimeh Shams Harandi, Iran.

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Tourism and Economic Growth in Kenya: A Time Series Analysis
DOI: 10.9734/ajpas/2024/v26i8640

Reviewers:

- (1) Sarad Chandra Kafle, Tribhuvan University, Nepal.
- (2) Artamevia Salsabila Rizaldi, Telkom University, Indonesia.
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Complete Peer Review History: <https://www.sdiarticle5.com/review-history/121128>

Application of the Box and Jenkins Method to the Time Series of Success Rates of State Examinations in the Democratic Republic of Congo from 1967 to 2021
DOI: 10.9734/ajpas/2024/v26i8641

Reviewers:

- (1) Prabhakara S., IGNOU, India.
- (2) Pankaj Das, ICAR-Indian Agricultural Statistics Research Institute, India.

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Continuous Erlang Mixtures and their Relation to Exponential Mixtures and Poisson Mixtures
DOI: 10.9734/ajpas/2024/v26i8637

Reviewers:

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- (3) Mohamed. S. Hamed, Gulf Colleges, KSA.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/118568>

2024 - Volume 26 [Issue 9]

On Some Stochastic Parabolic Systems Driven by New Fractional Brownian Motions
DOI: 10.9734/ajpas/2024/v26i9642

Reviewers:

- (1) Ragul Ravi, SRM Institute of Science & Technology, India.
- (2) Faezah Lafta Hasan, Basrah University, Iraq.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/121347>

New Approach in Stochastic Frontier Analysis Estimation for Addressing Joint Assumption Violation of Heteroscedasticity and Multicollinearity
DOI: 10.9734/ajpas/2024/v26i9643

Reviewers:

- (1) Shumet Asefa Kibret, Mekdela Amba University, Ethiopia.
- (2) Edina Eva Kulcsár, Partium Christian University, Romania.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/121987>

Functional Time Series Models for K-Step Prediction of Sugar Production: A Case Study of Eswatini, Kenya, and South Africa
DOI: 10.9734/ajpas/2024/v26i9644

Reviewers:

- (1) D Marshiana, Sathyabama Institute of Science & Technology, India.
- (2) Sabah Hasan Jasim Alsaedi, University of Misan, Iraq.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/122028>

Fractional Poisson and Gamma Models for Rainfall: Implications Climate Change and Marine Ecosystems
DOI: 10.9734/ajpas/2024/v26i9645

Reviewers:

- (1) Kimia Shirini, Tabriz University, Iran.
- (2) Mezbahur Rahman, Minnesota State University, USA.
- (3) J Sinthiya, Sri Ramakrishna College of Arts & Science, India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/122072>

Addressing Autocorrelation, Multicollinearity, and Heavy-Tail Errors in the Linear Regression Model
DOI: 10.9734/ajpas/2024/v26i9646

Reviewers:

- (1) Swetha. N, University of Madras, India.
- (2) Mohammed A. Mohammed, Al-Furat Al-Awsat Technical University, Diwaniyah Technical Institute, Iraq.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/122417>

An Ideal Four-factor Components Mixture Experiment Design Based on Prominent Optimality Criteria at Level Two
DOI: 10.9734/ajpas/2024/v26i9647

Reviewers:

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- (2) Yerra Achyutha Valli Devi, Andhra University, India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/121507>

Forecasting of Monthly Crude Oil Prices in Kenya Using Comparative Time Series Models
DOI: 10.9734/ajpas/2024/v26i9648

Reviewers:

- (1) Samson Isaac, Kaduna State University, Nigeria.
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Complete Peer Review History: <https://www.sdiarticle5.com/review-history/121749>

Trading Volume, Intraday and Overnight Volatility of Stock Returns in the Nigerian Stock Exchange
DOI: 10.9734/ajpas/2024/v26i9649

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- (1) Prakash Pinto, St Joseph Engineering College, India.
- (2) Shalini R, CMS B School, Jain Deemed to be University, India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/121869>

Prediction and Stochastic Choice

DOI: 10.9734/ajpas/2024/v26i9650

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- (2) A. Selvakumar, Sree Saraswathi Thyagaraja College, India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/121667>

Prediction of Financial Distress Using Dynamic Artificial Neural Network for Early Warning System

DOI: 10.9734/ajpas/2024/v26i9651

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Modeling the Risk Factors of Miscarriage Using Survival Analysis Techniques

DOI: 10.9734/ajpas/2024/v26i9652

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- (2) Nivetha Martin, Arul Anandar College, India.
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Complete Peer Review History: <https://www.sdiarticle5.com/review-history/121815>

Quantitative Assessment of the Cybersecurity and Cybercrime Awareness among Postgraduate Commerce Students in the Coimbatore District, India

DOI: 10.9734/ajpas/2024/v26i9653

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Complete Peer Review History: <https://www.sdiarticle5.com/review-history/122852>

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Ideal Arrival and Service Control Model Policy Based on Fuzzy Queuing System of Uncertainty Measure

DOI: 10.9734/ajpas/2024/v26i10654

Reviewers:

- (1) Adebisi Sunday Adesina, University of Lagos, Nigeria.
- (2) Nian Zhang, Chongqing University of Posts and Telecommunications, China.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/122948>

Modeling the Risk Factors of Miscarriage using Advanced Survival Analysis Techniques: Cure Model

DOI: 10.9734/ajpas/2024/v26i10655

Reviewers:

- (1) Yakubu Aliyu, Ahmadu Bello University, Nigeria.
- (2) Vajihe Hazari, Birjand University of Medical Sciences, Iran.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/122617>

Modeling and Forecasting High Frequency Currency Exchange Rates. A Comparative Study of ARIMA, ANN, and Hybrid ARIMA-ANN Models

DOI: 10.9734/ajpas/2024/v26i10656

Reviewers:

- (1) Sushil Shukla, V. B. S. Purvanchal University, India.
- (2) Hadi Sutrisno, University of Darul 'Ulum, Indonesia.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/122160>

Prediction of Heart Disease Risk among Patients in Federal Medical Centre, Abeokuta Using Naïve Bayes

DOI: 10.9734/ajpas/2024/v26i10658

Reviewers:

- (1) Eduardo Edu C. Cornillez, Eastern Visayas State University, Philippines.
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Complete Peer Review History: <https://www.sdiarticle5.com/review-history/123245>

Comparative Analysis of K-Means and Divisive Clustering Techniques on Balanced Mental Health Data

DOI: 10.9734/ajpas/2024/v26i10659

Reviewers:

- (1) Rohini Kancharapu, Gayatri Vidya Parishad College of Engineering for Women (Autonomous), India.
- (2) R. Jayasree, Sri Krishna Arts and Science College, India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/124093>

Modified Calibration Variance Estimators in the Presence of Non- response and Measurement Error

DOI: 10.9734/ajpas/2024/v26i10660

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Optimization of Groundnuts (*Arachis hypogaea*) Yield through Response Surface Methodology
DOI: 10.9734/ajpas/2024/v26i10661

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- (1) Hamoud Alenezi, Kuwait.
- (2) Arun Negemiya A, Sri Shakthi Institute of Engineering and Technology, India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/124018>

Developing a Hybrid ARIMA-XGBOOST Model for Analysing Mobile Money Transaction Data in Kenya
DOI: 10.9734/ajpas/2024/v26i10662

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- (1) Aman Shreevastava, Purnea University, India
- (2) Shobana A, Sri Krishna College of Engineering and Technology, India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/124091>

A Generalized Suja Distribution with Application to Lifetime Data
DOI: 10.9734/ajpas/2024/v26i10663

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Complete Peer Review History: <https://www.sdiarticle5.com/review-history/113286>

Memory-type Mean Estimators for Surveys with Non-response: A Regression-imputation and Ewma Approach
DOI: 10.9734/ajpas/2024/v26i10664

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Complete Peer Review History: <https://www.sdiarticle5.com/review-history/123898>

Motor Insurance Claim Frequency Prediction Using XGBoost
DOI: 10.9734/ajpas/2024/v26i10665

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Complete Peer Review History: <https://www.sdiarticle5.com/review-history/121639>

The Two Component Generalized Finite Erlang Mixture and its Properties and Special Cases
DOI: 10.9734/ajpas/2024/v26i10666

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- (1) Shahir F. Nawaf, Tikrit University, Iraq.
- (2) Jagadesh T, KPR Institute of Engineering and Technology, India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/122335>

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Enhanced Model for Monitoring and Quality Control Using the Control Chart for Binomial Regression with Application
DOI: 10.9734/ajpas/2024/v26i11667

Reviewers:

- (1) Runyi Francis, Federal Polytechnic Ugep, Nigeria.
- (2) Omar Ben Abdallah, Tunisia.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/124816>

Network Sampling and Its Application to the Prevalence of Abortion among Female Students in Nigeria Tertiary Institution
DOI: 10.9734/ajpas/2024/v26i11668

Reviewers:

- (1) Umair Mahmood, Arid Agriculture University, Pakistan.
- (2) Varsha D. Jadhav, Vishwakarma Institute of Technology, India.
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Complete Peer Review History: <https://www.sdiarticle5.com/review-history/124234>

Applying Bayesian Networks for Detecting Bank Fraudulent Transactions in Nigeria
DOI: 10.9734/ajpas/2024/v26i11669

Reviewers:

- (1) Ammar Avdic, Croatia.
- (2) Manisha Kumari Deep, YBN University, India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/125274>

Interest Rate Risk Modelling Using Semi-Heavy Tail Distributions of Normal Variance-Mean Mixtures: A Study on Central Bank of Kenya Interest Rates
DOI: 10.9734/ajpas/2024/v26i11670

Reviewers:

- (1) M.Anbukarasi, Bharathiar University, INDIA.
- (2) Tejashwini K C, GM University, India.
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Robust Estimation of the Scale Parameter for Rayleigh Distribution under Type-I Hybrid Censoring
DOI: 10.9734/ajpas/2024/v26i11671

Reviewers:

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The Role of Central Bank of Nigeria in Exchange Rate Stabilization
DOI: 10.9734/ajpas/2024/v26i11672

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Complete Peer Review History: <https://www.sdiarticle5.com/review-history/124685>

A New Modified Confidence Interval Estimator of Location Parameter for Skewed Distribution
DOI: 10.9734/ajpas/2024/v26i11673

Reviewers:

- (1) Ibrahim, Suleman Adeniyi, Al-Hikmah University Ilorin, Nigeria.
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Efficient Imputation Methods for Estimating Population Proportion in Diagonal Systematic Sampling
DOI: 10.9734/ajpas/2024/v26i11674

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Complete Peer Review History: <https://www.sdiarticle5.com/review-history/125477>

Imputation Methods for Missing Values in Estimation of Population Mean under Diagonal Systematic Sampling Scheme
DOI: 10.9734/ajpas/2024/v26i11675

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- (2) Yasir Hassan, The University of Lahore, Pakistan.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/125841>

Modeling the Risk Factors of Miscarriage Using Censored Quantile Regression in Kenyan Cohort
DOI: 10.9734/ajpas/2024/v26i11676

Reviewers:

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Complete Peer Review History: <https://www.sdiarticle5.com/review-history/126704>

Optimization of Concrete Mix Design Using Fractional Factorial Design and Response Surface Methodology
DOI: 10.9734/ajpas/2024/v26i11677

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Complete Peer Review History: <http://sdiarticle5.com/review-history/125479>

Efficiency Analysis of Public and Private Sector Banks in India Using Slack-based Measure of Efficiency
DOI: 10.9734/ajpas/2024/v26i11678

Reviewers:

- (1) Micheal Vincent Abiodun, Federal Polytechnic Bida, Nigeria.
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Mixed-optimum Estimators for Estimating Finite Population Mean in the Presence of Outliers Using Auxiliary Variable under Simple Random Sampling
DOI: 10.9734/ajpas/2024/v26i12679

Reviewers:

- (1) Femi Emmanuel Amoyedo, Landmark University, Nigeria.
- (2) Naila Alam, Kinnaird College for Women, Pakistan.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/126778>

Using Fuzzy Clustering Analysis to Classify the Provinces of Iraq Based on Infrastructure Deprivation Levels
DOI: 10.9734/ajpas/2024/v26i12680

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G-Transmuted Pareto Distribution for Modeling Failure Time Data
DOI: 10.9734/ajpas/2024/v26i12681

Reviewers:

- (1) Seun Adebajo, Nigeria.
- (2) Matthew Olanrewaju Oluwayemi, Margaret Lawrence University, Nigeria.
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Complete Peer Review History: <https://www.sdiarticle5.com/review-history/127474>

Comparative Analysis of Stochastics Approaches in Forecasting Nigeria's Key Macroeconomic Indicators
DOI: 10.9734/ajpas/2024/v26i12682

Reviewers:

- (1) Coulibaly Bakary D, University of Kindia, Guinea.
- (2) Waqar Khalid, U.S.-Pakistan Center for Advanced Studies in Energy (USPCAS-E), National University of Sciences and Technology (NUST), Pakistan.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/127333>

Detection of the Presence of Seasonal Effect for Some Selected Trending Curves and Choice of Model in Time Series Data
DOI: 10.9734/ajpas/2024/v26i12683

Reviewers:

- (1) Mohamed Harif B, Rajah Serfoji Government College, India.
- (2) P.Pushpa, St. Peter's Institute of higher Education and Research, India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/124149>

On a Corrective Decile-based Confidence Interval Estimator of Mean for Normal and Skewed Distributions
DOI: 10.9734/ajpas/2024/v26i12684

Reviewers:

- (1) Mojammel Haque Sarkar, Indian Institute of Technology Indore, India.
- (2) E. I. Abdul Sathar, University of Kerala, India.

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The Economic Impact on the Use of 100% Guide to All Common Entrance Examinations in Mathematics and Quantitative Reasoning: A Case Study of Delta State, Nigeria
DOI: 10.9734/ajpas/2024/v26i12686

Reviewers:

- (1) Miss Wajiha Nasir, Govt. College Women University, Pakistan.
- (2) Carlos Henrique Tognon, University of Sao Paulo, Brazil.
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Complete Peer Review History: <https://www.sdiarticle5.com/review-history/127352>

Modeling COVID-19 Pandemic Data with New Pareto Model
DOI: 10.9734/ajpas/2024/v26i12687

Reviewers:

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- (2) Nurudeen Ajadi, University of Louisiana at Lafayette, USA.
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Complete Peer Review History: <https://www.sdiarticle5.com/review-history/127675>

An Extended Inverse Lindley Distribution: Models, Properties and Applications
DOI: 10.9734/ajpas/2024/v26i12688

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- (2) Mathil Kamil Thamer, University of Anbar, Iraq.

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Modelling and Forecasting Currency Exchange Rates Using Hybrid ARIMA and ANN Models in High-Frequency Data
DOI: 10.9734/ajpas/2024/v26i12689

Reviewers:

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Complete Peer Review History: <https://www.sdiarticle5.com/review-history/125061>

The Extended Xlindley Distribution: Its Properties and Application to Lifetime Data
DOI: 10.9734/ajpas/2024/v26i12690

Reviewers:

- (1) Pawan Kumar, GSVM Medical College, India.
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Complete Peer Review History: <https://www.sdiarticle5.com/review-history/125445>

A Comprehensive Study of k-Circulant Matrices Derived from Generalized Padovan Numbers
DOI: 10.9734/ajpas/2024/v26i12691

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- (2) V. Sangeetha, National College, India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/126390>

Some Two-Parameter Exponential Discrete Distributions and Their Applications

DOI: 10.9734/ajpas/2024/v26i12692

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- (2) Adetunji, A. A., Federal Polytechnic, Nigeria.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/127327>

Students' Engagement in Mathematics with Virtual Resource: The Impact of Localization of PhET Interactive Simulation in Indigenous Nigerian Language

DOI: 10.9734/ajpas/2024/v26i12693

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- (2) Vincent I. Banot, College of Teacher Education, Negros Oriental State University, Philippines.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/125425>

Advancing Statistical Methodologies for Composite Phenotype Analysis in Genome-Wide Association Studies

DOI: 10.9734/ajpas/2024/v26i12694

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Complete Peer Review History: <https://www.sdiarticle5.com/review-history/127604>

One-sided Cusum Chart with V-mask for Weighted Weibull Distribution Parameter Shifts

DOI: 10.9734/ajpas/2024/v26i12695

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- (2) Rahul Thakur, Maharshi Dayanand University, India.

Complete Peer Review History: <https://www.sdiarticle5.com/review-history/128079>

Unraveling the Multifactorial Determinants of Miscarriage: Insights from SEM Analysis of Maternal Characteristics, Lifestyle Factors, and Antenatal Care

DOI: 10.9734/ajpas/2024/v26i12696

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