



LIST OF ACCEPTED PAPERS TO APPEAR IN THE FORTHCOMING VOLUMES OF STATISTICS AND APPLICATIONS

Volume 23, No. 1, 2025 (June)

1. R-optimal Designs for Logistic Regression Model in Two Variables
Authors: Mahesh Kumar Panda and Tofan Kumar Biswal
(Accepted: 04 April 2024)
2. Estimation for the Length Biased Log-Logistic Model under Adaptive Progressive Type II Censoring
Authors: Ranjita Pandey, Pulkit Srivastava and Sweta Shukla
(Accepted: 06 April 2024)
3. R-optimal Designs for Gamma Regression Model with Two Parameters
Authors: Mahesh Kumar Panda, Tofan Kumar Biswal and V.K. Gupta
(Accepted: 12 April 2024)
4. Discrete Type I Half-Logistic Weibull Distribution and Its Properties
Authors: M. Girish Babu and K. Jayakumar
(Accepted 14 April 2024)
5. Bulk Queuing Model with Reneging of Customers and their Retention
Shejal Gupta, Pradeep K. Joshi and K.N. Rajeshwari
(Accepted: 16 April 2024)
6. Inference Techniques, Properties, and Applications of the T-Marshall-Olkin X Family of Distributions
Authors: Meenu Jose and Lishamol Tomy
(Accepted: 24 April 2024)
7. Competing Risks Models with Multistate and Intermediate States
Authors: A. M. Rangoli, A. S. Talawar and R. P. Agadi
(Accepted: 25 April 2024)
8. Extinction and stationary distribution of a stochastic SEII_aI_qHR epidemic model with intervention
(Authors: Tamalendu Das, Tridip Sardar and Sourav Rana)
Accepted: 29 April 2024

9. Sample Size Determination for Clinical Studies when Crisp Inputs are not available
(Authors: Sai Sarada Vedururu, R.Vishnu Vardhan and K.V.S. Sarma)
Accepted: 01 May 2024
10. Construction of Order-of-Addition-Orthogonal Array Designs
(Authors: Muhsina A., Baidya Nath Mandal, Rajender Parsad and Sukanta Dash)
Accepted: 25 May 2024
11. A Hybrid ARIMA-GARCH type Copula approach for Agricultural Price Forecasting
(Authors: B. Manjunatha, Ranjit Kumar Paul, Ramasubramanian V., Amrit Kumar Paul, Md. Yeasin, Mrinmoy Ray, G. Avinash and Chandan Kumar Deb)
Accepted: 07 June 2024
12. Environmentally Responsible Index Tracking: Maintaining Performance while Reducing Carbon Footprint of the Portfolio
(Authors: Lakshmi M.V., Soudeep Deb, and Rituparna Sen)
Accepted: 08 June 2024
13. A Comprehensive Review of Data Science, Artificial Intelligence, and Big Data Analytics in Indian Official Statistics
(Authors: Prasily P. and Manoharan M.)
Accepted: 09 June 2024
14. Three-State Markov Probability Distributions for the Stock Price Prediction
(Authors: Tirupathi Rao Padi, Sarode Rekha, and Gulbadin Farooq Dar)
Accepted: 10 June 2024
15. An Economic Analysis of Two-Node Tandem Queue with Feedback
(Authors: Ankita Roy Chowdhury and Indra)
Accepted: 19 June 2024
16. Bayesian Estimation of Scale Parameter of Inverted Kumaraswamy Distribution Under Various Combinations of Different Priors And Loss Functions
(Authors: Ableen Kaur, Parmil Kumar, and Hemani Sharma)
Accepted: 19 June 2024
17. Determining Optimal Threshold and some Inferential Procedures for a Skewed ROC model in the Binary Classification Framework
(Authors: Sandhya Singh, Saebugari Balaswamy and R.Vishnu Vardhan)
Accepted: 25 June 2024

18. Nonparametric Estimation of Extropy-Related Measures with Length-Biased Data
(Authors: R. Dhanya Nair and E.I. Abdul Sathar)
Accepted: 30 June 2024
19. Mathematical model for spread of COVID-19 virus using fractional order approach
(Authors: Gajanan S. Solanke and Deepak B. Pachpatte)
Accepted: 15 July 2024
20. Neutrosophic Marshall Olkin Extended Burr-XII Distribution: Theoretical Framework and Applications with Multiple Survival Time Data Sets
(Authors: Shakila Bashir, Bushra Masood and Muhammad Aslam)
Accepted: 31 July 2024
21. Prediction of COVID-19 Disease Progression in India Under the Effect of National Lockdown
(Authors: Sourish Das)
Accepted: 18 November 2024 (Special Invited Paper)

Shorter Communication

22. Understanding Fellegi Scheme for Sample Size Three
(Authors: Yumnam Menon Singh and Opendra Salam)
Accepted: 03 October 2024

Forthcoming Accepted Papers

1. Gumbel Distribution: Comparison of Bayesian Estimators Under Various Loss Functions
(Authors: P.M. Safwana and C. Chandran)
Accepted: 10 August 2024
2. Transient State Solution of Retrial Queueing System with Catastrophe
(Authors: Neelam Singla and Ankita Garg)
Accepted: 24 August 2024
3. Finite Mixtures of Matrix Variate Log-normal Distributions for Clustering Skewed Three-Way Data
(Authors: Shiva Kumar Kurva and Kiruthika C.)
Accepted: 03 September 2024

4. **Balanced and Partially Balanced Semi-Latin Rectangles with Block Size Two**
(Authors: *Kaushal Kumar Yadav, Sukanta Dash, Rajender Parsad, Baidya Nath Mandal, Anil Kumar and Mukesh Kumar*)
Accepted: 06 September 2024
5. **Three and Four Component Uniform Mixture Designs Based on Ellipsoidal Region- A Beginner's Training Manual**
(Authors: *Poonam Singh and Himanshu Shukla*)
Accepted: 18 September 2024
6. **On Renewal Processes - Some Bounds and Characterisations**
(Authors: *S. Ravi and Suman Kalyan Ghosh*)
Accepted: 23 September 2024
7. **The Modified Logistic Two-Parameter Estimators**
(Authors: *Thayaparan Kayathiri, Manickavasagar Kayanan, and Pushpakanthie Wijekoon*)
Accepted: 04 October 2024
8. **Wrapped Generalized Lindley Distribution with Applications to Directional Data**
(Authors: *Imliyangba and Bhanita Das*)
Accepted: 08 October 2024
9. **On the Likelihood Ordering and Tail Behavior of Certain Classes of Skew Normal Distributions**
(Authors: *M.R. Anusree and C. Satheesh Kumar*)
Accepted: 06 November 2024
10. **Advancements in Power Inverse Rayleigh Modeling: Exploring Applications in Environmental and Medical Domains**
(Authors: *Aadil Ahmad Mir, S. P. Ahmad and A. A. Bhat*)
Accepted: 19 November 2024
11. **VTPC: A Novel Virtual Tree Approach for Efficient Population Count in Binary Sequences**
(Authors: *Samarth Godara, Prakash Kumar, Deepak Singh and Raju Kumar*)
Accepted: 06 December 2024
12. **Time Dependent Performance Analysis of Asynchronous Internet Switch - Multi Server Queueing System and Markovian QBD Process**
(Authors: *Malla Reddy Perati, Shivaji Arepelly and Abhilash Vollala*)
Accepted: 29 December 2024

13. Bayesian DCC-MGARCH Models for Understanding the Price Dynamics of Volatile Series: A Case Study on Pulses Price in India
(Authors: Achal Lama, Girish K. Jha, Bishal Gurung and Saurav Guha
Accepted: 10 January 2025)