



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

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### **Forthcoming Accepted Papers**

1. Some Improved Separate Estimators of Population Mean in Stratified Ranked Set Sampling  
Authors: Rajesh Singh and Anamika Kumari  
(Accepted: 21 May 2023)
2. E-Bayesian and Hierarchical Bayesian Estimation for Inverse Rayleigh Distribution Based on Left Censoring Scheme  
Authors: R. B. Athirakrishnan and E. I. Abdul Athar  
(Accepted: 24 May 2023)
3. Development of Survey Weighted Composite Indices under Complex Surveys  
Authors: Deepak Singh, Pradip Basak, Tauqueer Ahmad, Raju Kumar and Anil Rai  
(Accepted: 05 June 2023)
4. Distribution of Runs of Length Exactly  $k_1$  Until a Stopping Time for Higher Order Markov Chain  
Authors: Anuradha  
(Accepted: 10 June 2023)
5. A discrete analogue of intervened Poisson compounded family of distributions: properties with applications to count data  
Authors: K. Jayakumar and Jiji Jose  
(Accepted: 15 June 2023)
6. Estimation of Premium Cost for HIV/AIDS Patients Under ART in Presence of Prognostic Factors  
Authors: Gurprit Grover and Parmeet Kumar Vinit  
(Accepted: 22 June 2023)

7. Integrated Redundant Reliability Model using k out of n Configuration with Integer Programming Approach  
*Authors: Srinivasa Rao Velampudi, Sridhar Akiri and Pavankumar Subbara*  
(Accepted: 22 June 2023)
8. A Semi-Parametric Regression Hazards Model for Duration of Singlehood in North-East India  
*Authors: Lourembam Neroka Devi and Kshetrimayum Anand Singh*  
(Accepted: 30 June 2023)
9. A Multi-Criteria Decision-Making Approach to Compare the Maternal Healthcare Status of India States: An Application of Datascience  
*Authors: Sangeeta Goala, Supahi Mahanta and Dibyojyoti Bhattacharjee*  
(Accepted: 14 July 2023)
10. A Rank-based Test of Independence of Covariate and Error in Nonparametric Regression with Missing Completely at Random Response Situation  
*Authors: Sthitadhi Das and Saran Ishika Maiti*  
(Accepted: 22 July 2023)
11. Partially Accelerated Reliability Demonstration Tests for a Parallel System with Weibull Distributed Components Under Periodic Inspection  
*Authors: Preeti Wanti Srivastava and Satya Rani*  
(Accepted: 26 July 2023)
12. Inference on Stress-Strength Reliability for Lomax Exponential Distribution  
*Authors: Parameshwar V. Pandit and Kavitha, N.*  
(Accepted: 28 July 2023)
13. Bayesian Inference for Glioma Data Using Generalized Burr X-G (GBX-G) Family with R and Stan  
*Authors: Devashish, Shazia Farhin, and Athar Ali Khan*  
(Accepted: 03 September 2023)
14. On the Robustness of LSD Layouts in the Presence of Neighbor Effects  
*Authors: Sobita Sapam and Bikas K Sinha*  
(Accepted: 11 September 2023)
15. Statistical Analysis on Optimal Lockdown Schedule by Developing a Multivariate Prediction model SEIRDVIm  
*Authors: Subhasree Bhattacharjee, Kunal Das, Sahil Zaman, Arindam Sadhu and Bikramjit Sarkar*  
(Accepted: 09 October 2023)

16. Cost & Profit Analysis of Two-Dimensional State M/M/2 Queueing Model with Multiple Vacation, Feedback Catastrophes and Balking  
*Authors: Sharvan Kumar and Indra*  
(Accepted: 11 October 2023)
17. Singh Maddala Dagum Distribution with Application to Income Data  
*Authors: Ashlin Varkey and Haritha N. Haridas*  
(Accepted: 12 October 2023)
18. Modelling Climate, COVID-19, and Reliability Data: A New Continuous Lifetime Model under Different Methods of Estimation  
*(Authors: Arvind Pandey, Ravindra Pratap Singh, Shikhar Tyagi, and Abhishek Tyagi)*  
Accepted: 15 October 2023
19. Simple Linear Slope Estimators Based On Sample Quasi Ranges  
*(Authors: Sharada V. Bhat and Shrinath M. Bijjargi)*  
Accepted: 28 October 2023
20. Comparison of Cause Specific Rate Functions of Panel Count Data With Multiple Modes of Recurrence  
*(Authors: Sankaran P. G., Ashlin Mathew P. M. and Sreedevi E. P.)*  
Accepted: 15 November 2023

## **SA22(02)2024 December Issue**

### **Special Issue on**

**“Life and Work of CR Rao (1920-2023): The Revolutionary of Statistical Sciences”**

**In fond memory and honour of Late Prof CR Rao**

**Guest Editors: Bimal Kumar Sinha; Bikas Kumar Sinha; Shyamal Peddada; Thomas Mathew; Tapas Kumar Nayak; Bhramar Mukherjee; Nairnjana Dasgupta; S. Ejaz Ahmed; V.K. Gupta**