



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

Forthcoming Accepted Papers

SA22(01) 2024 June 2024 Issue

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. Eigenspace Based Online Path Planner for Autonomous Mobile Robots
(Authors: Shyba Zaheer, Imthias Ahamed T. P., Tauseef Gulrez and Zoheb Zaheer)
Accepted: 25 May 2023
4. 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)
5. Distribution of Runs of Length Exactly k_1 Until a Stopping Time for Higher Order Markov Chain
Authors: Anuradha
(Accepted: 10 June 2023)
6. 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)

7. 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)
8. 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)
9. 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)
10. 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)
11. 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)
12. 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)
13. Inference on Stress-Strength Reliability for Lomax Exponential Distribution
Authors: Parameshwar V. Pandit and Kavitha, N.
(Accepted: 28 July 2023)
14. 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)
15. On the Robustness of LSD Layouts in the Presence of Neighbor Effects
Authors: Sobita Sapam and Bikas K Sinha
(Accepted: 11 September 2023)

16. 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)

Further Forthcoming Accepted Papers

1. Cost and 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)
2. Singh Maddala Dagum Distribution with Application to Income Data
Authors: Ashlin Varkey and Haritha N. Haridas
(Accepted: 12 October 2023)
3. 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
4. Simple Linear Slope Estimators Based On Sample Quasi Ranges
(Authors: Sharada V. Bhat and Shrinath M. Bijjargi)
Accepted: 28 October 2023
5. 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
6. Price Forecasting of TOP (Tomato, Onion and Potato) Commodities using Hidden Markov-based Deep Learning Approach
(Authors: G. Avinash, Ramasubramanian V., Ranjit Kumar Paul, Mrinmoy Ray, Shashi Dahiya, Mir Asif Iquebal, Samarth Godara and B. Manjunatha)
Accepted: 28 November 2023
7. A New Lifetime Distribution: Statistical Inference and it's Applications
(Authors: Arvind Pandey Pawan Kumar Singh Mahendra Saha)
Accepted: 30 November 2023
8. LDPC Codes Based on New Combinatorial Designs
(Authors: Shyam Saurabh and Kishore Sinha)
Accepted: 02 December 2023

9. Calibration Approach for Estimating Mean of a Stratified Population in the Presence of Non Response
(Authors: Manoj K. Chaudhary, Anil Prajapati and Basant K. Ray)
Accepted: 03 December 2023
10. Reliability Assessment of Two-Component Series System Shock Model
(Authors: S. B. Munoli and Abhijeet Jadhav)
Accepted: 05 December 2023
11. A Modified Measurement Error Model for Replicated Method Comparison Data with Skewness and Heavy Tails
(Authors: Jeevana Duwarahan and Lakshika S. Nawarathna)
Accepted: 06 December 2023
12. Study of Priority Based Network Nodes Using Quasi Birth and Death Process
(Authors: Malla Reddy Perati and Abhilash Vollala)
Accepted: 07 December 2023
13. Variations of Wholesale Price of Wheat in Different States of India under COVID-19 Pandemic
(Authors: Rashmi, H. P. Singh and P. K. Singh)
Accepted: 10 December 2023
14. Joint Importance Measures for Repairable Multistate Systems
(Authors: V. M. Chacko, Ann Sania and Amrutha M.)
Accepted: 14 December 2023
15. A Comprehensive Study of the Power Modified Lindley-Geometric Distribution in the T-X Family: COVID-19 Applications
(Authors: Meenu Jose and Lishamol Tomy)
Accepted: 05 January 2024
16. Bayesian Integration for Small Areas by Supplementing a Probability Sample with a Non-probability Sample
(Authors: Balgobin Nandram and J. N. K. Rao)
Accepted: 08 January 2024

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