



SSCA

Statistics and Applications

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

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Volume 20, Number 1 (June), 2022

1. Markov-Switching GARCH and Mixture of GARCH-type Models for Accuracy in Forecasting
Godfrey Joseph Saqware and Ismail B.
(Accepted: 18 January 2021)
2. Adjusted Design Effect Model for Individual Variables in Survey Data
Mohammed Quazi and Yan Lu
(Accepted: 28 January 2021)
3. Selective Harvesting of Tobacco Leaves: An Approach based on Texture Features
P.B. Mallikarjuna and D.S. Guru
(Accepted: 01 February 2021)
4. The Transmuted Inverted Nadarajah-Haghighi Distribution: Different Estimation Methods and Applications
R.M. Mandouh
(Accepted: 05 February 2021)
5. Lexicon Based Sentiment Analysis (LBSA) to Improve the Accuracy of Acronyms, Emoticons, and Contextual Words
T. Nikil Prakash and A. Aloysius
(Accepted: 08 February 2021)
6. Correlated Inverse Gaussian Frailty Models Based on Reversed Hazard Rates
David D. Hanagal
(Accepted: 09 February 2021)
7. Efficient Use of Non-Sensitive Auxiliary Variable under Scrambled Randomized Response Mechanism for Estimating Sensitive Population Mean in Successive Sampling
Housila P. Singh and Preeti Patidar
(Accepted: 02 March 2021)

8. Some Recursive Constructions of α -Resolvable Group Divisible Designs
Shyam Saurabh and Kishore Sinha
(Accepted: 10 March 2021)
9. An Economical Study of Two- State Queueing Model with Initial Customers and Bernoulli Schedules
Rimmy Sharma and Indra Rani
(Accepted: 11 March 2021)
10. A General Class of Product-cum-Ratio-Type Exponential Estimators in Double Sampling for Stratification of Finite Population Mean
Housila P. Singh and Pragati Nigam
(Accepted: 13 March 2021)
11. A Few Methods of Stratification for Allocation Proportional to Stratum Total under a Superpopulation Model
Bhuwaneshwar Kumar Gupt and Md. Irphan Ahamed
(Accepted: 28 March 2021)
12. Chain Ratio-Type and Exponential Chain Ratio-Ratio-Type Estimators in Double Sampling for Stratification
Housila P. Singh and Pragati Nigam
(Accepted: 21 April 2021)
13. Cost and Profit Analysis of State-dependent Feedback Queue with Impatient Customer Subject to Catastrophes
Ankita Roy Chowdhury, Indra
(Accepted: 23 April 2021)
14. Bayesian Inference of Progressive Type - II Censored Data using Mixture of Log Logistic Distributions
S.S. Bhavsar and M.N. Patel
(Accepted: 01 May 2021)
15. Estimation in Shifted Lindley Distribution
Saran Ishika Maiti, Sourav Rana and Arindom Chakraborty
(Accepted: 01 May 2021)
16. Bayesian Modeling of VAR Model with Multiple Covariates
Umme Afifa, Varun Agiwal and Jitendra Kumar
(Accepted: 07 May 2021)
17. On Uniform Truncated Poisson Distribution and its Applications
Krishnarani S. D. and Vidya V. P.
(Accepted: 13 May 2021)

18. Fitting Model for Self-Similar Traffic - Time Dependent Markovian Process and Second Order Statistics
Abhilash Vollala and Malla Reddy Perati
(Accepted: 20 May 2021)

FURTHER FORTHCOMING ACCEPTED PAPERS

1. Soft Computing based DECEL Model for Optimization of Water Usage in Irrigation Management
Pradeep H.K., Jasma Balasangameshwara, K. Rajan, Archana B.K.
(Accepted: 23 May 2021)
2. Symbolic Data Analysis vs Classical Data Analysis: A Comparative Study
Dipanka Bora and Hemanta Saikia
(Accepted: 09 June 2021)
3. Identifying the Time of a Permanent Shift in the Normal Process Mean with Memory Type Control Chart
R. A. Kapase and V. B. Ghute
(Accepted: 09 June 2021)
4. A-optimal Designs for Cubic Polynomial Models with Mixture Experiments in Three Components
Mahesh Kumar Panda and Rushi Prasad Sahoo
(Accepted: 20 July 2021)
5. A Stochastic Modeling of a Monthly Rainfall of Hillsborough County Using Frechet Distribution
H. J. Patel and M. N. Patel
(Accepted: 08 August 2021)
6. Transmuted Sine - G Family of Distributions: Theory and Applications
K.M. Sakthivel and J. Rajkumar
(Accepted: 10 August 2021)
7. Constant Block-Sum Designs Through Confounded Factorials
Sudhir Gupta
(Accepted: 23 August 2021)
8. Use of Change Point Analysis in Seasonal ARIMA Models for Forecasting Tourist Arrivals in Sri Lanka
B. R. P. M. Basnayake and N. V. Chandrasekara
(Accepted: 21 September 2021)

9. A Survey on Cyclic Solution of Block Designs
Shyam Saurabh and Kishore Sinha
(Accepted: 21 September 2021)
10. Robustness of Bayes Estimation of Coefficient of Variation for Normal Distribution for a Class of Moderately Non-Gamma Prior Distributions
Priyanka Aggarwal and Samridhi Mehta
(Accepted: 03 October 2021)
11. Almost Unbiased Dual Exponential Type Estimators of Population Mean Using Auxiliary Information
Authors: Sajad Hussain, Manish Sharma, Banti Kumar and Vilayat Ali Bhat
(Accepted: 17 October 2021)
12. Theory and Applicability of the Weighted Modified Lindley Distribution
Authors: Christophe Chesneau, Lishamol Tomy and Jiju Gillariose
(Accepted: 19 October 2021)
13. Bayesian Credible Intervals for Generalized Inverse Weibull Distribution
Authors: Kamaljit Kaur, Sangeeta Arora and Kalpana K. Mahajan
(Accepted: 24 October 2021)
14. Robust Parameter Design Using 20 Run Plackett-Burman Design
Renu Kaul and Sanjoy Roy Chowdhury
(Accepted: 07 November 2021)
15. Inference on $P(X < Y)$ for Morgenstern Type Bivariate Exponential Distribution based on record values.
Authors: Manoj Chacko and Shiny Mathew
(Accepted: 18 November 2021)
16. Clustering using Skewed Data via Finite Mixtures of Multivariate Lognormal Distributions
Authors: Deepana, R. and Kiruthika, C.
(Accepted: 26 December 2021)
17. Simultaneous Testing Procedure for the Ordered Pair-Wise Comparisons of Location Parameters of Exponential Populations under Heteroscedasticity
Authors: Jatesh Kumar, Amar Nath Gill and Anju Goyal
(Accepted: 26 December 2021)
18. Some Results of Auto-Relevation Transform in Reliability Analysis
Authors: Dileep Kumar M. and P. G. Sankaran
(Accepted: 28 December 2021)

19. Modeling and Analysis of Competing Risks Cure Rate Regression Model with Weibull Distribution
Authors: P.G. Sankaran and Rejani P.P.
(Accepted: 30 December 2021)
20. Improvisation of Dataset Efficiency in Visual Question Answering Domain
Authors: Sheerin Sitara Noor Mohamed and Kavitha Srinivasan
(Accepted: 02 January 2022)
21. Statistical Model for Brand Loyalty and Switching
Authors: Kumaraswamy Kandukuri and Bhattacharyulu N.Ch.
(Accepted: 06 January 2022)
22. Calibration Estimator in Two Stage Sampling Using Double Sampling Approach when Study Variable is Inversely Related to Auxiliary Variable
Ankur Biswas, Kaustav Aditya, U.C. Sud and Pradip Basak
(Accepted: 20 January 2022)
23. Regular Group Divisible Designs Using Symmetric Groups
Authors: Shyam Saurabh and Kishore Sinha
(Accepted: 20 January 2022)
24. New Intervention Based Exponential Model with Real Life Data Applicability
Authors: Vilayat Ali Bhat and Sudesh Pundir
(Accepted: 13 February 2022)
25. Estimation of AUC of Mixture ROC Curve in the presence of Measurement Errors
Authors: G. Siva and R. Vishnu Vardhan
(Accepted: 18 March 2022)
26. Evaluating Batsman using Survival Analysis
Authors: Parag Shah, R.D. Chaudhari and M.N. Patel
(Accepted: 19 March 2022)
27. Discrete Harris Extended Weibull Distribution and Applications
Authors: Sophia P. Thomas, Lishamol Tomy and K.K. Jose
(Accepted: 19 March 2022)