



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)

FURTHER FORTHCOMING ACCEPTED PAPERS

1. On Uniform Truncated Poisson Distribution and its Applications
Krishnarani S. D. and Vidya V. P.
(Accepted: 13 May 2021)
2. Fitting Model for Self-Similar Traffic - Time Dependent Markovian Process and Second Order Statistics
Abhilash Vollala and Malla Reddy Perati
(Accepted: 20 May 2021)
3. 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)
4. Symbolic Data Analysis vs Classical Data Analysis: A Comparative Study
Dipanka Bora and Hemanta Saikia
(Accepted: 09 June 2021)
5. 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)
6. A-optimal Designs for Cubic Polynomial Models with Mixture Experiments in Three Components
Mahesh Kumar Panda and Rushi Prasad Sahoo
(Accepted: 20 July 2021)
7. A Stochastic Modeling of a Monthly Rainfall of Hillsborough County Using Frechet Distribution
H. J. Patel and M. N. Patel
(Accepted: 08 August 2021)
8. Transmuted Sine - G Family of Distributions: Theory and Applications
K.M. Sakthivel and J. Rajkumar
(Accepted: 10 August 2021)
9. Constant Block-Sum Designs Through Confounded Factorials
Sudhir Gupta
(Accepted: 23 August 2021)
10. 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)

11. A Survey on Cyclic Solution of Block Designs
Shyam Saurabh and Kishore Sinha
(Accepted: 21 September 2021)
12. 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)
13. Almost Unbiased Dual Exponential Type Estimators of Population Mean Using Auxiliary Information
Sajad Hussain, Manish Sharma, Banti Kumar and Vilayat Ali Bhat
(Accepted: 17 October 2021)
14. Robust Parameter Design Using 20 Run Plackett-Burman Design
Renu Kaul and Sanjoy Roy Chowdhury
(Accepted: 07 November 2021)