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 2 (December), 2022

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)

FURTHER FORTHCOMING ACCEPTED PAPERS

1. Statistical Model for Brand Loyalty and Switching
Authors: Kumaraswamy Kandukuri and Bhatracharyulu N.Ch.
(Accepted: 06 January 2022)

2. 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)

3. Regular Group Divisible Designs Using Symmetric Groups
Authors: Shyam Saurabh and Kishore Sinha
(Accepted: 20 January 2022)

4. New Intervention Based Exponential Model with Real Life Data Applicability
Authors: Vilayat Ali Bhat and Sudesh Pundir
(Accepted: 13 February 2022)

5. Estimation of AUC of Mixture ROC Curve in the presence of Measurement Errors
Authors: G. Siva and R. Vishnu Vardhan
(Accepted: 18 March 2022)

6. Evaluating Batsman using Survival Analysis
Authors: Parag Shah, R.D. Chaudhari and M.N. Patel
(Accepted: 19 March 2022)

7. Discrete Harris Extended Weibull Distribution and Applications
Authors: Sophia P. Thomas, Lishamol Tomy and K.K. Jose
(Accepted: 19 March 2022)