



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

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Volume 19 No. 1, 2021

Special Volume in memory of Late Aloke Dey

Contributions to Combinatorics, Design of Experiments, Linear Algebra and Related Areas

Guest Editors: V.K. Gupta, Sudhir Gupta, Rajender Parsad and Ashish Das

Unbalanced Two-symbol $E(s^2)$ Optimal Designs

Dursun A. Bulutoglu, Kashinath Chatterjee, Stelios D. Georgiou, Christos Koukouvinos, Kenneth J. Ryan and Stella Stylianou

(Accepted: 20 June 2020)

Randomized Block Designs, Balanced Incomplete Block Designs and Latin Square Designs with Neighbor Effects in the Presence of Covariates

Sobita Sapam, K. K. Singh Meitei and Bikas K. Sinha

(Accepted: 09 July 2020)

Bulk Behaviour of Skew-Symmetric Patterned Random Matrices

Arup Bose and Soumendu Sundar Mukherjee

(Accepted: 11 July 2020)

R -optimal Designs for Linear Haar-Wavelet Regression Models

Kashinath Chatterjee

(Accepted: 19 August 2020)

Nonparametric Estimation of Linear Multiplier for Processes Driven by Mixed Fractional Brownian Motion

B. L. S. Prakasa Rao

(Accepted: 04 October 2020)

Tests for Equality of Hazard Quantile Functions

Pooja Soni, Isha Dewan and Kanchan Jain

(Accepted: 12 October 2020)

A Cost-effective Approach to the Design and Analysis of Multi-group Experiments

Satya Prakash Singh, Shyamal D. Peddada and Ori Davidov

(Accepted: 01 November 2020)

A Decision Theory in Non-commutative Domain

Kalyan B. Sinha

(Accepted: 01 November 2020)

Nonlinear Error-in-Variables Regression with the Error-in-Variables Distribution Estimated by Censored Data

M. S. Hamada and K. A. Kaufeld

(Accepted: 26 November 2020)

Unifying Constructions of Group Divisible Designs

Shyam Saurabh, Kishore Sinha and Mithilesh Kumar Singh

(Accepted: 04 December 2020)

Constant Block-Sum Two-Associate Class Group Divisible Designs

Sudhir Gupta

(Accepted: 11 December 2020)

Small Area Estimation – Some Applications in NSSO Surveys

A. K. Srivastava and Hukum Chandra

(Accepted: 09 January 2021)

Some Existence on Ordered Multi-designs

Kazuki Matsubara and Sanpei Kageyama

(Accepted: 24 January 2021)

A Note on the Folklore of Free Independence

Arijit Chakrabarty, Surjit Chakrabarty and Razat Subhra Hazra

(Accepted: 25 January 2021)

On Three-Level A-Optimal Designs for Test-Control Discrete Choice Experiments

Rakhi Singh, Ashish Das and Feng-Shun Chai

(Accepted: 27 January 2021)

Stratified Subsampling Based p -values for Hypothesis Tests in Genomics Research

Sudesh Pundir, Yanrong Ji, Arunima Shilpi and Ramana V. Davuluri

(Accepted: 04 February 2021)

Locally Optimal Binary Crossover Designs

Siuli Mukhopadhyay, Satya Prakash Singh and Arpan Singh

(Accepted: 05 February 2021)

Multiway Blocking of Design of Experiments

Nam Ky Nguyen, Tung Dinh Pham and Mai Phuong Vuong

(Accepted: 09 February 2021)

Optimal Row-Column Designs With Three Rows

J.P. Morgan and Siriluck Jermjitpornchai

(Accepted: 10 February 2021)

An algorithmic Approach to the Construction of Weighted A-optimal Balanced Treatment Incomplete Block Designs

Baidya Nath Mandal, Rajender Parsad and Sukanta Dash

(Accepted: 23 February 2021)

New Plans Orthogonal Through the Block Factor

Sunanda Bagchi

(Accepted: 27 February 2021)

On Iterative Analysis of Orthogonal Saturated Factorial Designs

Daniel T. Voss

(Accepted: 18 February 2021)

Optimal Crossover Designs for Generalized Linear Models: An Application to Work Environment Experiment

Jeevan Jankar and Abhyuday Mandal

(Accepted: 04 March 2021)

On the Interrelationships Between Lomax, Pareto and Exponentiality With Certain Extensions

Zhixin Lun and Ravindra Khattree

(Accepted: 13 March 2021)

Association of Socioeconomic and Demographic Factors With COVID-19 Related Health Outcomes in SAARC Nations

Sangeeta Chakravarty, Gurprit Grover and Sanya Aggarwal

(Accepted: 13 March 2021)

Experimental Designs for Alley Cropping to Estimate Shrub \times Grass Interaction

Murari Singh

(Accepted: 13 March 2021)

Second Order Asymptotics of a Fine-Tuned Purely Sequential Procedure for the Generalized Partition Procedure

Tumulesh K. S. Solanky

(Accepted: 17 March 2021)

Unsaturated Log-Linear Model Selection for Categorical Data Analysis

Subir Ghosh and Arnab Chowdhury

(Accepted: 25 March 2021)

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On DUS Transformed Weibull Distribution and its Properties

Kaloom Akhtar Chaudhry and Javaria Shareef

(Accepted: 01 July 2020)

Mixture Designs Generated Using Orthogonal Arrays From Mutually Orthogonal Latin Squares

Poonam Singh, Vandana Sarin and Neha Midha

(Accepted: 06 July 2020)

Factors Affecting on the Usage Pattern of Cloud Storage in Vadodara City of Gujarat

Khimya Tinani, Bhargav Choithwani, Bhagyashree Patil, Pathan Faiyazkhan and Tanvi Salat

(Accepted: 13 July 2020)

Generalized Lindley Shared Frailty Models

Arvind Pandey, David D. Hanagal and Shikhar Tyagi

(Accepted: 24 July 2020)

Combinatorial Patterns of D-Optimal Weighing Designs Using a Spring Balance

Monica Pena Pardo and Jyotirmoy Sarkar

(Accepted: 08 August 2020)

Depicting Bivariate Relationship with a Gaussian Ellipse

Jyotirmoy Sarkar and Mamunur Rashid

(Accepted: 08 August 2020)

Modelling Pepper Export Income in Sri Lanka Using Deterministic Decomposition and Seasonal ARIMA Models

W.P.M.C.N. Weerasinghe and D.D.M. Jayasundara

(Accepted: 08 October 2020)

Forecasting Infant Mortality Rate of India Using ARIMA Model: A Comparison of Bayesian and Classical Approaches

Manika Agarwal, Praveen Kumar Tripathi and Sarla Pareek

(Accepted: 09 October 2020)

On Association in Time of Markov Process With Application to Reliability and Survival Analysis

M. Manoharan and V.M. Chacko

(Accepted: 14 October 2020)

Estimation of Cure Fraction and Misclassification Probabilities for HIV/AIDS Patients Under ART Using Continuous Time Hidden Markov Model

Gurprit Grover, Sangeeta Chakravorty, Arpan Kumar Thakur
(Accepted: 23 November 2020)

Joint Modeling of HIV and Tuberculosis through Copula-based Bivariate Binary Model

Atanu Pal and Arabinda Das
(Accepted: 08 December 2020)

Modeling of Mobile Telephone Subscribers Using Piecewise Nonlinear Growth Models

P.K. Das and Anita Pal
(Accepted: 09 December 2020)

Estimating Sensitive Population Proportion Permitting Options for Various Respondents' Choices

Purnima Shaw and Sanghamitra Pal
(Accepted: 11 December 2020)

Irrigation Practices and Soft Computing Applications: A Review

Pradeep H.K., Jasma Balasangameshwara, M.S. Sheshshayee, K. Rajan and Prabhudev Jagadeesh
(Accepted: 15 December 2020)

Cause Specific Shared Frailty Proportional Reversed Hazards Models

Gleeja V. L. and P.G. Sankaran
(Accepted: 20 December 2020)

Uniform Spacings — a Bird's-eye View

Sthitadhi Das and Saran Ishika Maiti
(Accepted: 23 December 2020)

Estimating the Area under the ROC Curve in the Framework of Lindley Centered Distributions

Balaswamy, S. and Vishnu Vardhan, R.
(Accepted: 27 December 2020)

FURTHER FORTHCOMING ACCEPTED PAPERS

Measuring Interchangeability in School Lunch Intervention Data Using Concordance Correlation Coefficient

Gokul, T., Srinivasan, M.R. and Swaminathan, V. D.
(Accepted: 30 December 2020)

Automation of USDA Triangle Soil Texture Classification Using Finite State Machine: A Novel Conceptual Modeling Approach

Pradeep H.K., Jasma Balasangameshwara, K. Rajan, Madhu, M., Archana, B.K.
(Accepted: 31 December 2020)

Frequentist Predictive Inference For Wind Direction Data Under l -modal Circular Normal Model Through Sufficiency Approach

Sahana Bhattacharjee and Kishore Kumar Das

(Accepted: 08 January 2021)

Markov-Switching GARCH and Mixture of GARCH-type Models for Accuracy in Forecasting

Godfrey Joseph Saqware and Ismail B.

(Accepted: 18 January 2021)

Adjusted Design Effect Model for Individual Variables in Survey Data

Mohammed Quazi and Yan Lu

(Accepted: 28 January 2021)

Selective Harvesting of Tobacco Leaves: An Approach based on Texture Features

P.B. Mallikarjuna and D.S. Guru

(Accepted: 01 February 2021)

The Transmuted Inverted Nadarajah-Haghighi Distribution: Different Estimation Methods and Applications

R.M. Mandouh

(Accepted: 05 February 2021)

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)

Correlated Inverse Gaussian Frailty Models Based on Reversed Hazard Rates

David D. Hanagal

(Accepted: 09 February 2021)

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)

Some Recursive Constructions of α -Resolvable Group Divisible Designs

Shyam Saurabh and Kishore Sinha

(Accepted: 10 March 2021)

An Economical Study of Two- State Queueing Model with Initial Customers and Bernoulli Schedules

Rimmy Sharma and Indra Rani

(Accepted: 11 March 2021)

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)