



SSCA

Statistics and Applications

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

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Volume 18 No. 2, 2020 (expected by 31 December 2020)

**Special Volume in honour of twin statisticians Bimal Sinha and Bikas Sinha
to felicitate them on their 75th birthday**

Guest Editors: V.K. Gupta, Ayanendranath Basu and Sanat Sarkar

Wanted! A Mathematician

Jyotirmoy Sarkar

(Accepted on: 13 March 2020)

On the Status of Variance Balanced Block Designs in the Presence of Both-sided
Neighbour Effects: Two Examples

Sobita Sapam and Bikas Kumar Sinha

(Accepted on: 18 March 2020)

Simple Proof of the Non-existence of Some Affine Resolvable SRGD Designs

Satoru Kadowaki and Sanpei Kageyama

(Accepted on: 09 April 2020)

Upper and lower bounds of the dispersion of a mean estimator in the Growth
Curve model

Shinpei Imori and Dietrich von Rosen

(Accepted on: 11 April 2020)

Selection of Divergence Priors in the Presence of Nuisance Parameters

Ruitao Liu and Malay Ghosh

(Accepted: 21 April 2020)

Discriminating Between Superior $UE(s^2)$ -Optimal Supersaturated Designs

Feng- Shun Chai, Ashish Das, Rakhi Singh and John Stufken

(Accepted: 07 May 2020)

A New Family of Probability Density Functions With Deflated Tails

Avinash D. Dharmadhikari, Sanjeev V. Sabnis and Bikas K. Sinha

(Accepted: 20 May 2020)

Block Total Response Technique for Quantitative Sensitive Features in a Finite Population

Karabi Nandy and Bikas K. Sinha

(Accepted: 26 June 2020)

The Simultaneous Assessment of Normality and Homoscedasticity in One-Way Random Effects Models

Ye Yang and Thomas Mathew

(Accepted: 28 June 2020)

A Nonparametric Bayesian Analysis of Response Data with Gaps, Outliers and Ties

Jiani Yin and Balgobin Nandram

(Accepted: 01 July 2020)

From Experimental Design to Proportional Representation {A Tribute to Bikas Kumar Sinha and Bimal Kumar Sinha on Their 75th Birthday}

Friedrich Pukelsheim

(Accepted: 28 June 2020)

Identification of Multiple Unusual Observations in Spatial Regression

A.H.M. Rahmatullah Imon and Ali S. Hadi

(Accepted: 10 July 2020)

Quantifying Spatial and Temporal Relationships Among Tree-Ring Records

Megan Heyman, Scott St George and Snigdhasu Chatterjee

(Accepted: 13 July 2020)

Using Conditionally Specified Joint Distribution to Simultaneously Model Discrete and Continuous Data

Nadeesri Wijekoon and Nagaraj K. Neerchal

(Accepted: 24 July 2020)

Bayesian Mixture Designs for Hypothesis Testing

N. K. Mandal and Manisha Pal

(Accepted: 24 July 2020)

A Comparative Study of Approximate Bayesian Computation Methods for Gibbs Point Processes

Jiaxun Chen, Athanasios C. Micheas and Scott H. Holan

(Accepted: 30 July 2020)

Some Computational issues Related to Common Clustering Techniques

Asis Kumar Chattopadhyay

(Accepted: 04 August 2020)

Estimation and Sample Size Calculation for Service Utilization Data

Dulal K. Bhaumik and Subhash Aryal

(Accepted: 06 August 2020)

U-Statistics CLT Using Cumulants and a Free Version

Arup Bose and Apratim Dey

(Accepted: 11 August 2020)

Inference on Stress-Strength Reliability of a System with Two Independent Stresses under Generalized Uniform Distribution

Manisha Pal and Montip Tiensuwan

(Accepted: 25 August 2020)

FORTHCOMING VOLUMES

Volume 19 No. 1, 2021 (expected by 31 March 2021)

Special Volume in memory of Late Aloke Dey

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)

REGULAR VOLUMES

(Vol. 19, No. 2, 2021)

On DUS Transformed Weibull Distribution and its Properties

Kalsoom 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)