



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

Volume 24, No. 2, 2026 (Special Issue for September)

"Recent Advances in Bayesian Statistics and Machine Learning"

Guest Editors

Durba Bhattacharya (St. Xavier's College (Autonomous), Kolkata)

Sourabh Bhattacharya (Indian Statistical Institute, Kolkata)

Sourish Das (Chennai Mathematical Institute)

Accepted Papers:

1. Bayesian Predictive Inference for Multiple Series with Correlated Spatial Priors on Autoregressive Parameters
(Authors: *Hammed A. Olayinka and Balgobin Nandram*)
Accepted: 17 April 2026 | [Link for Paper](#)
2. Hamiltonian Monte Carlo for (Physics) Dummies
(Authors: *Arghya Mukherjee and Dootika Vats*)
Accepted: 27 May 2026 | [Link for Paper](#)
3. On the Choice of Model Space Priors and Multiplicity Control in Bayesian Variable Selection: An Application to Streaming Logistic Regression
(Authors: *Joyee Ghosh*)
Accepted: 08 July 2026 | [Link for Paper](#)
4. Function Optimization with Posterior Gaussian Derivative Process
(Authors: *Sucharita Roy and Sourabh Bhattacharya*)
Accepted: 11 July 2026 | [Link for Paper](#)

5. Neural Architectures for Amortized Bayesian Inference: Statistical Foundations and Empirical Assessments
(Authors: Roy Shivam Ram Shreshth, Arnab Hazra and Gourab Mukherjee)
Accepted: 17 July 2026 | [Link for Paper](#)
6. Bayesian Feature Extraction using Gaussian and Diffused-gamma Priors for High Dimensional Spatio-Temporal Data
(Authors: Garrett Frady, Dipak K. Dey and Shariq Mohammed)
Accepted: 28 July 2026 | [Link for Paper](#)
7. Bayesian Predictive Inference in Logistic Regression with Covariates and Survey Weights
(Authors: Lingli Yang and Balgobin Nandram)
Accepted: 4 Aug 2026 | [Link for Paper](#)

Forthcoming Accepted Papers for Regular Volumes and Issues of Journal Statistics and Applications

1. Impact of Transportation Infrastructure on Transport-related CO₂ Emissions in Ranchi, Jharkhand
(Authors: Amit Bara, Anamol Kumar Lal and Uma Shanker Singh)
Accepted: 10 Nov 2025 | [Link for Paper](#)
2. Partial Ranked Set Sampling Schemes with Unequal Sample Sizes
(Authors: O. Rahimi Dehcheraghi and S.M.T.K. MirMostafaei)
Accepted: 21 Nov 2025 | [Link for Paper](#)
3. The Impact of Meteorological Factors on Crop Price Volatility in India: Case Studies of Soybean and Brinjal
(Authors: Ashok Kumar, Abbinav Sankar Kailasam, Anish Rai, Manya Khanna, Sudeep Shukla, Sourish Das, and Anirban Chakraborti)
Accepted: 30 Dec 2025 | [Link for Paper](#)
4. Analyzing the recurrences of inclusion of players in a team sport: A discrete data driven model
(Authors: Rijurekho Chakrabarti, Moumita Chatterjee and Sugata Sen Roy)
Accepted: 28 Jan 2026 | [Link for Paper](#)
5. E-Optimal Second-Order Becker's Mixture Design
(Authors: Bushra Husain and Fariha Aslam)
Accepted: 20 March 2026 | [Link for Paper](#)

6. How Does Data Augmentation Influence YOLO Models for Fruit Detection on Trees?
(Authors: Vanaja V, Rajni Jain, Jai Prakash, Sapna Nigam and Alka Arora)
Accepted: 07 April 2026 | [Link for Paper](#)
7. Inferences and Applications of Kavya-Manoharan Nadarajah-Haghighi Distribution Using Progressive Type-II Censoring
(Authors: Sini K P, Anakha K K, Davis Antony Mundassery and V. M. Chacko)
Accepted: 4 May 2026 | [Link for Paper](#)

Special Issues of the Journal ‘Statistics and Applications

- I. **Special Issue of the Journal “Statistics and Applications” to felicitate Professor Vinod Kumar Gupta on his 75th birthday (December 2026, Volume 24, Issue No. 3)**

Guest Editors

Rajender Parsad
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