Details of Publications:

i). Published/Accepted in Indexed Journal:

1. *Bhattacharjee, A., Kumari, P.,* ***Vishwakarma, G.K.*** *and Tank, F.*, afthd: Bayesian accelerated failure time model for high-dimensional time-to-event data. *Japanese Journal of Statistics and Data Science*, (Accepted) **2025**, ISSN: 2520-8764, Springer Nature. (E-SCI/SCOPUS).

2. ***Vishwakarma, G.K.****, Kumari, P., Bhattacharjee, A. and Ong, S.H.,* Bayesian classifier based on cancer prognostic markers using accelerated failure time model with frailty effect. *Quality & Quantity,* (Accepted), **2025,** ISSN: 1573-7845, Springer. (SCI-E/Q1).

3. *Bhattacharjee, A., Kumari, P. and* ***Vishwakarma, G.K.***, Advanced bayesian survival modeling for lung adenocarcinoma prognosis: The afthd R package and shiny application. *Brazilian Journal of Biometrics* (Accepted), 2025, ISSN: 2764-5290, International Biometric Society, Brazil, (SCOPUS).

4. *Soni, R., Alam, M.S. and* ***Vishwakarma, G.K.****,* Prediction of InSAR deformation time-series using improved LSTM deep learning model. *Nature Scientific Reports,* **2024,** https://doi.org/10.1038/s41598-024-83084-1, ISSN 2045-2322, Nature Portfolio, (SCI-E/Q1).

5. *Yadav, S.K.,* ***Vishwakarma, G.K.*** *and Singh A.,* Efficient Searls predictive estimators for mean under ranked set sampling: An application to COVID-19 data. *International Journal of System Assurance Engineering and Management,* (Accepted) **2024**, ISSN: 0976-4348, Springer Nature. (E-SCI/SCOPUS).

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