CrossMark

Fixed-width confidence interval for covariate-adjusted response-adaptive designs

Uttam Bandyopadhyay[1] · Atanu Biswas[2]

Abstract In this paper, we obtain fixed-width confidence interval for covariate-adjusted response-adaptive designs. Specifically, we consider logistic regression model and the normal regression model for binary and continuous responses, respectively, both in the situations for presence and absence of treatment–covariate interactions. Simulation study and real-data analysis are carried out.

✉ Atanu Biswas
atanu@isical.ac.in

Uttam Bandyopadhyay
ubandyopadhyay08@gmail.com

[1] Department of Statistics, University of Calcutta, 35 Ballygunge Circular Road, Kolkata 700 019, India

[2] Applied Statistics Unit, Indian Statistical Institute, 203 B. T. Road, Kolkata 700 108, India