Editorial

Special Issue on Statistical Algorithms and Software

The journal of *Computational Statistics and Data Analysis* (CSDA) regularly publishes papers with a strong algorithmic and software component. Some recent CSDA related articles can be found in Bustos and Frery (2006), Hammill and Preisser (2006), Keeling and Pavur (2007), Novikov and Oberman (2007), Rosenthal (2007) and Tomasi and Bro (2006). This is the first CSDA special issue on *Statistical Algorithms and Software*. It brings together a number of contributions that relate to statistical software, algorithms, and methodology.


The third and the last part of the special issue gathers contributions related to methodological algorithms. Park et al. (2007) present an algorithm for sampling streaming data with replacement. Bernholt et al. (2007) describe algorithms for computing the least quartile difference estimator in the plane. Several applications of random recursive partitioning are discussed by Iacus and Porro (2007). The article by Consonni and Marin (2007) illustrates the behavior of mean-field variational Bayesian inference in the setting of the probit model. Finally, Gatu et al. (2007) introduce a graph approach to the combinatorial problem of subset regression model selection.

References


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