COMPUTATIONAL STATISTICS & DATA ANALYSIS
CALL FOR PAPERS

Special Issue on
MODEL SELECTION AND HIGH DIMENSIONAL DATA REDUCTION
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We are inviting submissions for a special issue of Computational Statistics and Data Analysis focusing on Model Selection and High Dimensional Data Reduction.

Nowadays we are often confronted with data sets containing many variables, in some cases the number of variables exceeds the sample size. Modeling such data, and in particular high-dimensional data, poses many challenges, often involving complex data structures. Specifically, a range of different models with varying complexity can be considered and a model that is optimal in some sense needs to be selected from a set of candidate models. This special issue will focus on computationally efficient model selection strategies, methodology and applications concerning the analysis of complex data sets related to model selection or to high dimensional data reduction.

The papers submitted to the special issue must have a computational statistics or data analytic component in order to be considered for publication. All submissions must contain original unpublished work not being considered for publication elsewhere. Submissions will be refereed according to standard procedures for Computational Statistics & Data Analysis. Information about the journal can be found at http://www.elsevier.com/locate/csda.

The deadline for submissions is 30th June 2012. However, papers can be submitted at any time and when they have been received, they will enter the editorial system immediately.

Papers for the special issue should be submitted directly to the Elsevier Electronic Submission tool EES: http://ees.elsevier.com/csda In EES please ensure that you select the special issue on Model Selection and High Dimensional Data Reduction and the Co-Editor responsible for the special issues.

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