

Announcement and First Call for Papers

DataClean 2002

29th - 31st May 2002, Jyväskylä, Finland

Aim

This conference will be devoted to techniques for dealing with erroneous and missing data in large scale statistical data processing. Such data represent a fundamental problem for the data systems of official statistical agencies as well as private enterprises. In particular, the conference will focus on the identification and correction of errors and outliers in data and on imputation for missing data values. Although this topic is not a new one, the focus will be on recent developments in the application of computer intensive methods to these problems, particularly those based on the application of neural net and related methods, and their comparison with more established methods.

Topics

- Use of neural networks and related computer intensive classification methods for data editing and imputation for data editing and imputation.
- Use of modern robust techniques for outlier detection and correction.
- Error localization with erroneous observations.
- Use of tree-based classifiers for data editing and imputation.
- Use of Bayesian methods for error detection and imputation.
- Multiple imputation.
- Graphical tools for data validation and checking.
- Classical data editing and imputation methods.

Call for Abstracts

We invite abstracts of 200 to 300 words for contributed papers. We are especially interested in papers that present innovative methods. Also software demonstrations and evaluations are welcome. Your abstract (English) should include the presenter's name, affiliation, address, telephone and fax numbers, and e-mail address.

The deadline for abstracts is March 4, 2002.

Submissions can be made via DataClean 2000 website
<http://erin.mit.jyu.fi/dataclean>

or to

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