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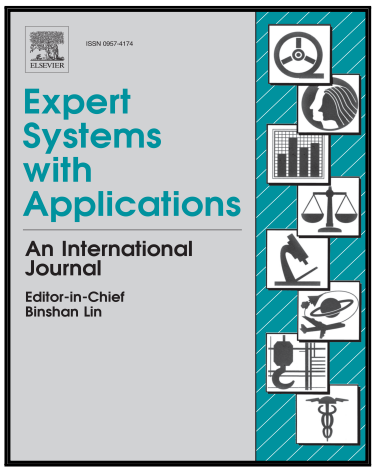

Metalearning for Choosing Feature Selection Algorithms in Data Mining: Proposal of a New Framework

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Highlights

- A new Metalearning architecture proposal to recommend Feature Selection algorithms.
- FS algorithms are ranked using a new multicriteria performance measure.
- The proposed architecture has low computational cost and is human understandable.
- Evaluation on 150 data sets from literature review and four well-known FS algorithms.
- Accuracy higher than 90% was obtained in the recommendation of FS algorithms.

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