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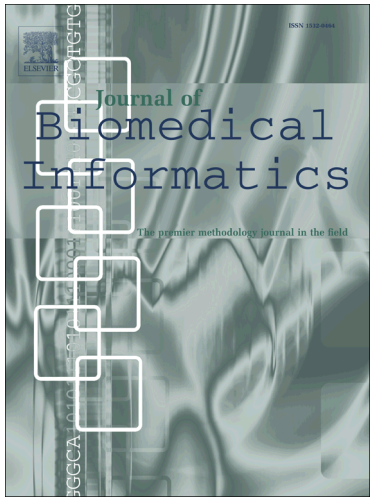

PDF text classification to leverage information extraction from publication reports

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ACCEPTED MANUSCRIPT

PDF text classification to leverage information extraction from publication reports

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Highlights

- Full-text publications in PDF format are the main sources used in the development of systematic reviews.
- PDF reports used in the development of Cochrane systematic reviews were used as gold a standard.
- The multi-pass sieve algorithm is a powerful alternative approach to the machine learning approaches in the classification of PDF texts.
- The PDF text classification algorithm improved performance of an information extraction system that identifies clinical outcome mentions from full-text publications.

Keywords: Text Classification, Natural Language Processing, Document Analysis, Machine Learning

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