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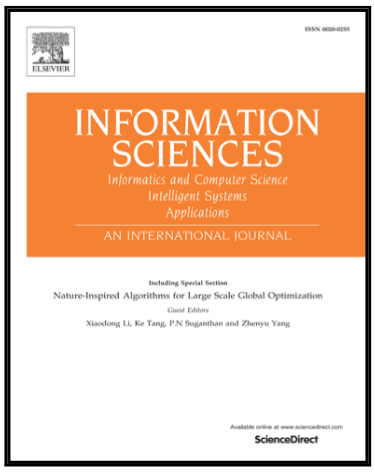

A robust correlation analysis framework for imbalanced and dichotomous data with uncertainty

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Highlights

- The Pearson correlation coefficient deviation with data imbalanced is
- studied
- RCAF is proposed to minimize correlation coefficient deviation for
- imbalanced data
- SMOTE and ADASYN are compared for correlation analysis
- Correlation between weather conditions and clearness index is explored

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