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A Decision Analytic Approach to Predicting Quality of Life for Lung Transplant Recipients: A Hybrid Genetic Algorithms-based Methodology

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Research Highlights

- Feature selection is a critical pre-processing step for data mining.
- A Genetic Algorithm-based hybrid methodology for feature selection is proposed.
- Analytics models are developed to predict/explain outcome of lung transplantations.
- Genetic algorithm-enhanced Support Vector Machines model was the best predictor.

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