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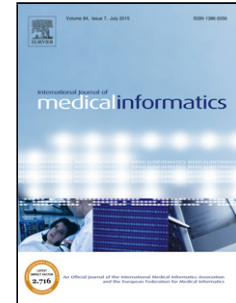
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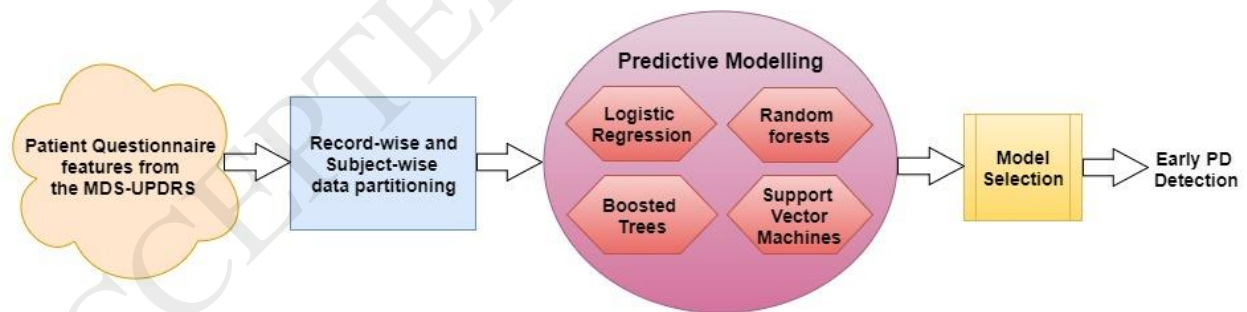
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Abbreviations: PD– Parkinson's disease, PPMI– Parkinson's Progression Markers Initiative, PQ– Patient Questionnaire, SVM– Support Vector Machine, MDS-UPDRS– Movement Disorder Society-Unified Parkinson's Disease Rating Scale

Graphical abstract



Highlights

- Use of patient questionnaire to develop predictive models for detecting early PD.
- Patient questionnaire features showed significant correlation with PD stage.

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