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A two-stage variable selection and classification approach for Parkinson's disease detection by using voice recording replications

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Highlights

- The motivating problem is the discrimination of people with PD from healthy subjects
- A two-stage variable selection and classification approach is developed
- The approach considers intra-subject variability in a proper way
- A Gibbs sampling-based method is derived to solve the computational problems
- The approach shows a moderate predictive capacity with the considered database

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