

Supplementary Material 2:

Robust Feature Selection for Continuous BP Estimation in Multiple Populations: Towards Cuffless Ambulatory BP Monitoring

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Feature selection process

The feature selection process yielded subsets of 68 and 76 features for SBP and DBP estimation, respectively, with an intersection of 38 features. The initial step in this process involved the Minimum Redundancy Maximum Relevance (mRMR) method, a filter-based approach significantly reducing the number of features. Subsequently, the Predictive Permutation Feature Selection (PPFS) method, a wrapper method utilizing the Markov Blanket derived from a graphical model, was applied. This document includes a diagram depicting the selected features ranked by their importance for SBP and DBP estimation.

