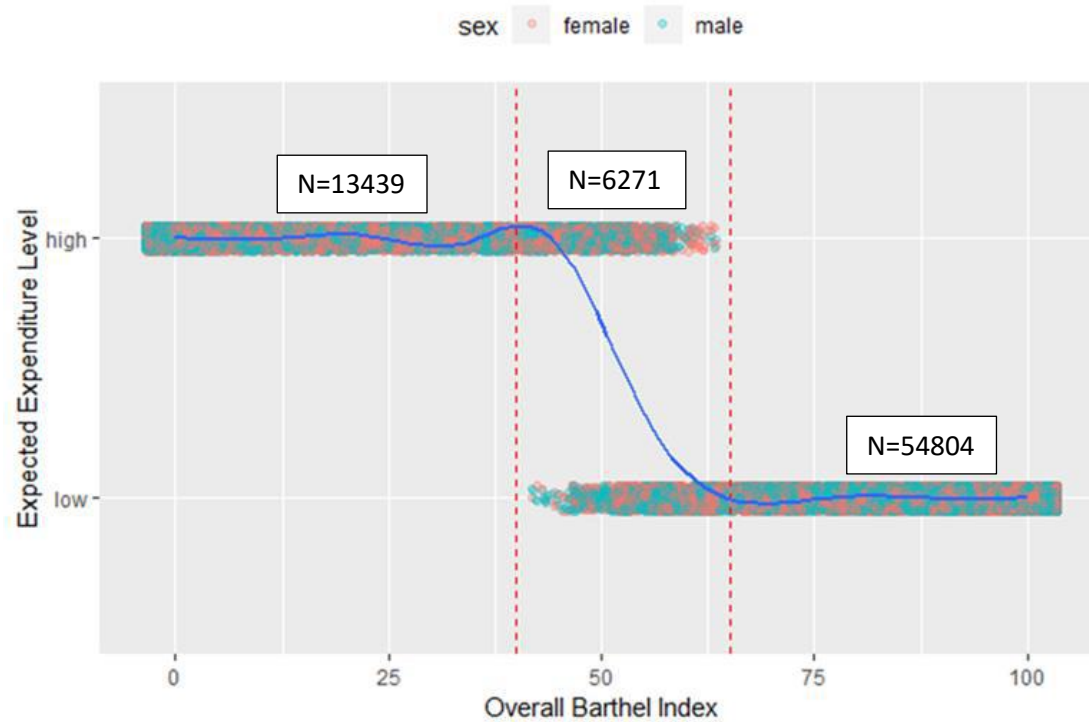


Supplementary material

Supplementary Materials, Figure 1 Distribution of silhouette width by cluster in the CLARA algorithm. Green dotted lines comprises the best possible cluster; blue dotted lines, uncertain cluster; and red, possibly wrong cluster.



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Supplementary Materials, Table S1 Predictive performances of the two-step algorithm over Group 1 (BI<45) and Group 2 (BI>65), the gold standard, and in the overall sample. Measures of performances are evaluated using the data provided by the validation part of the 10-fold cross-validation. In the third column, results for the overall algorithm.

| | Sensitivity | Specificity | Accuracy | F1 |
|-----------------------------|--------------------|--------------------|-----------------|-----------|
| Group 1 (BI <45), | 0.99 | 0.99 | 0.99 | 0.97 |
| Group 2 (BI>65) | | | | |
| Gold standard | 0.62 | 0.71 | 0.67 | 0.64 |