**Supporting information**

**S1 Appendix: Construction of the models**

SCD and PFD prediction models were defined according to the following equation:

$S\_{M}^{E}=\sum\_{i=1}^{I}β\_{i}x\_{i}$,

where $S$ denotes the score, $M$ denotes the model, either the clinical (“Cli”), the ECG-based (“ECG”), or the combined (“Com”); $E$ denotes the endpoint, SCD or PFD; $I$ is the number of dichotomized variables retained in the multivariable model; $β\_{i}$is the coefficient of the i-th dichotomized variable; and$ x\_{i} $is the i-th dichotomized variable (i.e. $x\_{i} $takes the value 0 when the variable is below the defined cutoff point and 1 when it is above, see S1 Table).