**Supporting information**

**S1 Appendix: Construction of the models**

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

,

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