**S2 Appendix: Final models**

SCD prediction models were calculated as follows:

Clinical:

$$S\_{Cli}^{SCD}=0.810\*x\_{g}+0.798\*x\_{NYHA}+0.772\*x\_{LVEF}$$

ECG:

$$S\_{ECG}^{SCD}=0.861\*x\_{Δα\_{Tpe}^{SCD}}+0.866\*x\_{IAA}+0.780\*x\_{TS}+0.785\*x\_{TMR}$$

Combined:

$$S\_{Com}^{SCD}=1.012\*x\_{g}+0.916\*x\_{NYHA}+0.692\*x\_{LVEF}+0.936\*x\_{Δα\_{Tpe}^{SCD}}+0.810\*x\_{IAA}+1.059\*x\_{TMR}.$$

PFD prediction models were:

Clinical:

$$S\_{Cli}^{PFD}=0.611\*x\_{Diab}+0.835\*x\_{NYHA}+0.620\*x\_{β}+0.570\*x\_{LVEF}$$

ECG:

$$S\_{ECG}^{PFD}=-0.284\*∆RR \left[per 1 SD increment\right]+0.777\*x\_{Δα\_{Tpe}^{PFD}}+1.419\*x\_{TS}$$

Combined:

$$S\_{Com}^{PFD}=0.529\*x\_{Diab}+0.679\*x\_{NYHA}+0.797\*x\_{Δα\_{Tpe}^{PFD}}+1.425\*x\_{TS}.$$