Supplementary

Table 2: ECG Feature Selection:
Using LASSO-Cox analysis, top features were selected and used to construct an ECG Risk Score (eRiS). This was done across the different training-validation splits. 28 features were consistently picked by the 4 split sizes. The consensus of features across the splits is listed in this table.

| Leads | ECG Feature Parameters: Consensus |
|-------|----------------------------------|
| Overall | NumQRSComplexes, PR_Interval, P_Offset, P_Onset, QTc_Bazett, VentRate |
| I     | QRSint, RP_Area                  |
| II    | TFull_Area, TP_PeakAmpl          |
| III   | T_Duration                       |
| aVL   | -                                |
| aVF   | -                                |
| aVR   | P_PeakAmpl, QRS_Deflection, TFull_Area, T_Special |
| V1    | PP_Area, T_PeakAmpl, T_Special   |
| V2    | T_PeakTime                       |
| V3    | Max_S_Ampl, PP_Duration, QRS_Deflection, T_End |
| V4    | -                                |
| V5    | MaxST,                           |
| V6    | RP_PeakTime, TFull_Area, TP_PeakTime, T_Area |