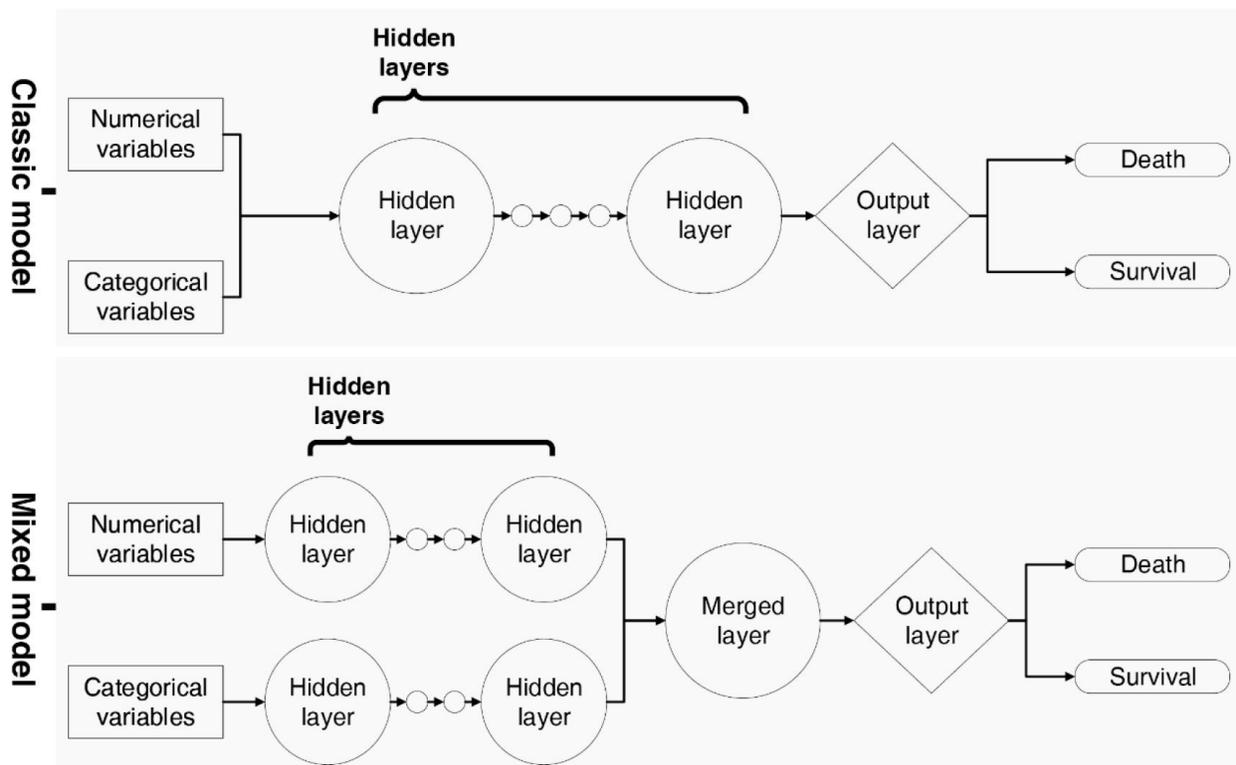
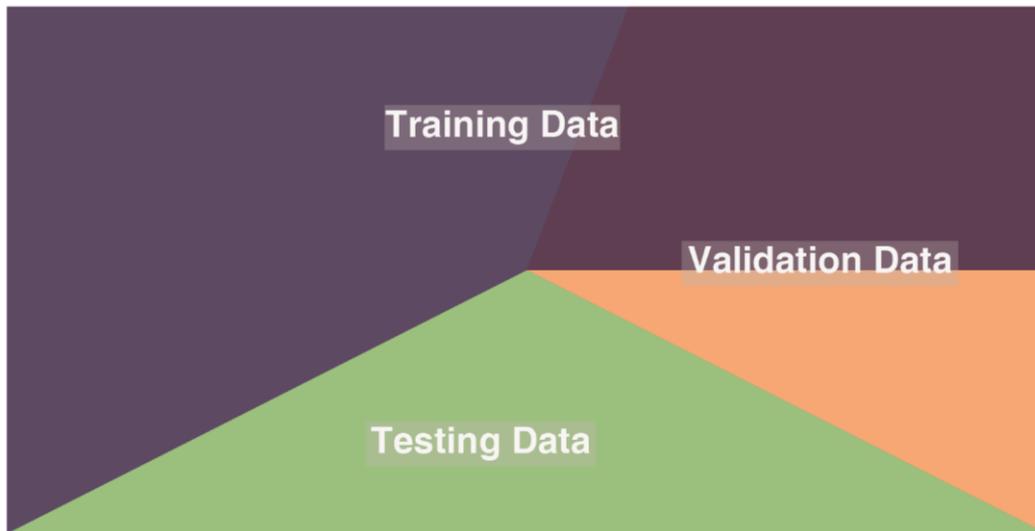


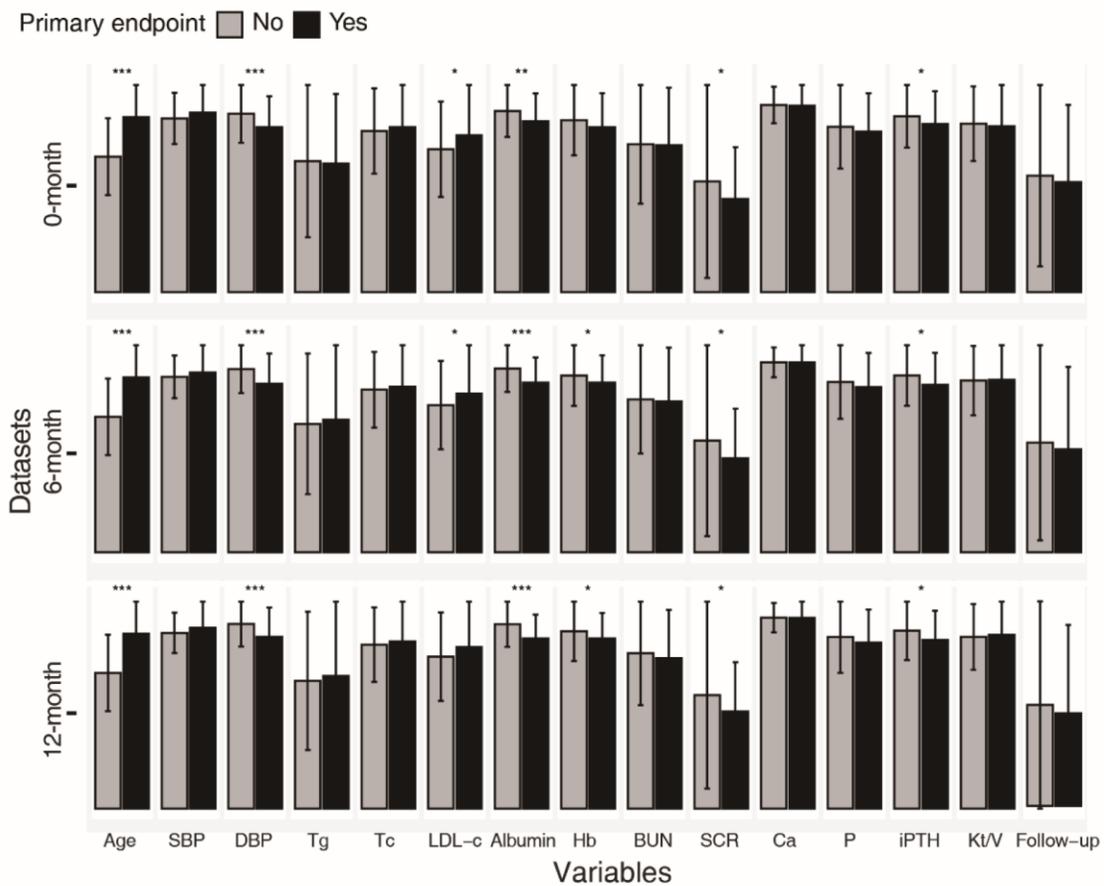
SUPPLEMENTARY FIGURES



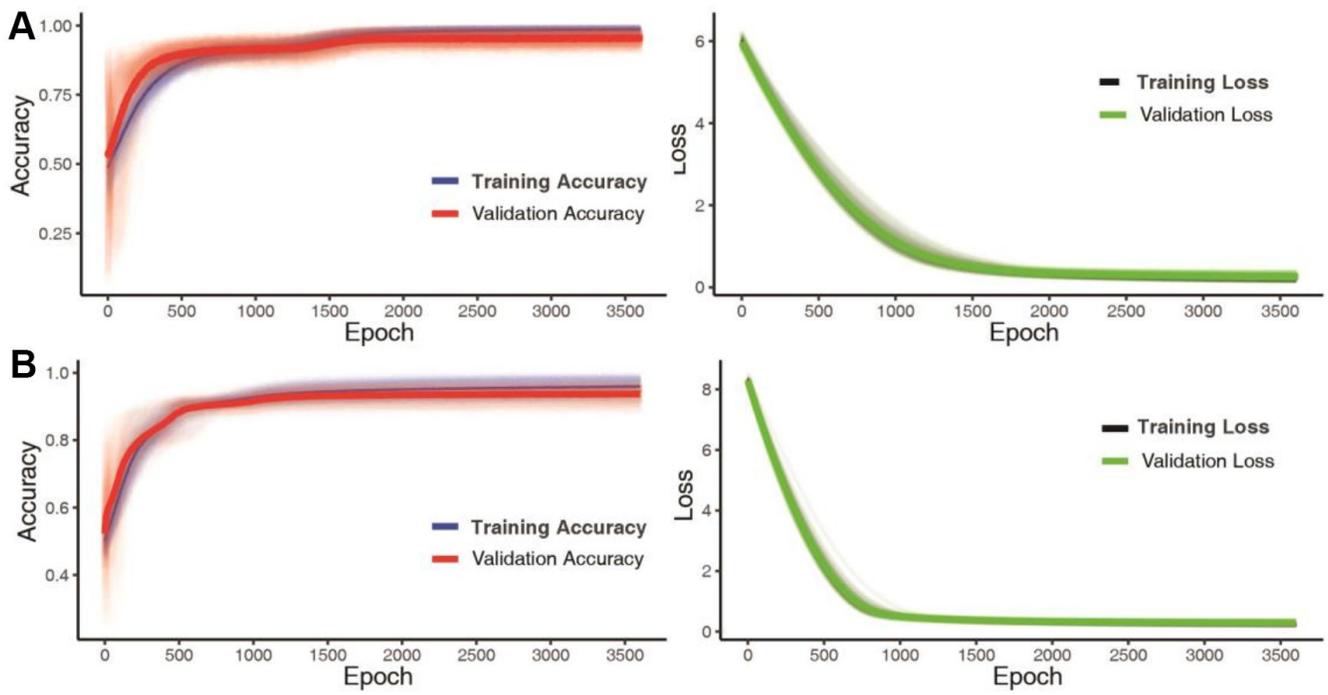
Supplementary Figure 1. Schematic diagram of the two types of neural networks.



Supplementary Figure 2. Diagram of the dataset segmentation process during model training. The 0-month dataset (also called the total dataset) was used for training the ANN and logistic models and separated into three datasets for model training. Training dataset: blue plus purple; validation dataset: purple plus orange; test dataset: green.



Supplementary Figure 3. The different mean values of numerical variables between surviving and non-surviving patients. The short bar indicates the SD. *, **, and *** indicate p-values less than 0.05, 0.01, and 0.001, respectively.



Supplementary Figure 4. Changes in the accuracy and loss function values during the training process. (A) ANN classic models; (B) ANN mixed models.