

Figure S1. ROC curves and Area Under the Curves of the classification result on two class of HCM and non-HCM HF and HCM HF test datasets. HCM/HF indicates the HCM and non-HCM HF test datasets. HCM indicates the HCM HF test dataset.

Figure S2. Twelve-lead electrocardiogram waves highlighted by Integrated Gradients.

(a), A case of hypertrophic cardiomyopathy who developed heart failure in the mild-to-moderate class classified as true-positive.

(b), A case of hypertrophic cardiomyopathy who developed heart failure in the severe class classified as true-positive.

(c), A case of non-hypertrophic cardiomyopathy complicated by heart failure in the severe class classified as true-positive.