

Table 1: Results 1D-CNN, Aggressively Augmented Data

(Units percent, except for sample number)

Diagnostic Class	Accuracy	Sensitivity	Specificity	precision	recall	f1-score	samples
Sinus rhythm (normal)	87.5	93.2	74.7	89	93	91	19,963
T-wave abnormal	92.9	59.0	97.2	73	59	65	3,243
Atrial fibrillation	97.1	64.7	98.6	67	65	66	1,263
1st degree AV block	98.9	73.1	99.6	83	73	78	732
Left anterior fascicular block	96.2	68.9	98.2	73	69	71	1,935
Other arrhythmias	97.2	75.3	98.5	75	75	75	1,601
accuracy	85.0					85	28,737
macro avg	95.0			77	72	74	28,737
weighted avg	90.0			84	85	85	28,737