

batch_size	epochs	learning_rate	avg_accuracy	avg_f1	avg_f2	avg_fn	avg_fp	avg_loss	avg_precision	avg_recall	avg_roc_auc	avg_specificity	avg_tn	avg_tp
15000	30	0.01	0.9998082864867616	0.9976603080311652	0.9976766886914128	34.0	34.8	0.0036511783434737	0.9976338283563796	0.997687814098008	0.9997242616931984	0.999898885480944	344129.4	14670.6
15000	20	0.01	0.9998322506662104	0.9979537073548436	0.9981531847263116	25.2	35.0	0.0037643672437601	0.9976215956517738	0.9982862574039536	0.9997434488776344	0.9998983043677052	344129.2	14679.4
10000	20	0.01	0.9998004841921307	0.9975652004119756	0.9975407849426924	36.4	35.2	0.0036753816737069	0.9976062711408126	0.9975246024554728	0.9997272727834636	0.9998977232443356	344129.0	14668.2
2000	20	0.001	0.9998188752855725	0.9977901744019372	0.9979082463982524	29.6	35.4	0.0037351981318271	0.9975936454694916	0.997987025576268	0.9997484618424596	0.9998971421260316	344128.8	14675.0
20000	20	0.01	0.9998378237382411	0.998021888496208	0.9982865359076584	22.6	35.6	0.0038478655675943	0.997581236782261	0.9984630744874072	0.9997762523223936	0.999896561009416	344128.6	14682.0