

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
20000	30	0.01	0.9997943537795084	0.9974900811059462	0.9974046331664338	39.0	34.8	0.0036657493781401	0.9976329052414886	0.9973477705724368	0.999727845388538	0.9998988854792554	344129.4	14665.6
15000	20	0.01	0.9998216618487644	0.9978242797107388	0.997962687617614	28.6	35.4	0.0037165194342378	0.9975939427410818	0.9980550453810688	0.9997374293589776	0.9998971421310971	344128.8	14676.0
20000	20	0.01	0.9998322506662104	0.9979537906224936	0.9981777020469556	24.6	35.6	0.0037567500083241	0.997580931176166	0.9983270580021524	0.9997569342773822	0.999896561012793	344128.6	14680.0
10000	10	0.01	0.999819432619952	0.9977970622866243	0.9979273117556288	29.2	35.6	0.0037904626903279	0.9975803649216703	0.998014241082974	0.9997580302761676	0.9998965610111044	344128.6	14675.4
15000	30	0.01	0.999777077295814	0.9972789766712232	0.9971243236505638	43.8	36.2	0.0036174982689165	0.9975372644235204	0.9970213546871572	0.999714684227284	0.9998948176578808	344128.0	14660.8