batch_size	epochs	hidden_size	learning_rate	avg_recall
20000	10	98	0.01	0.9987486972
20000	10	49	0.01	0.9986670886
10000	30	49	0.001	0.9986534868
15000	10	25	0.01	0.9986126862
15000	10	49	0.01	0.9985718792