Assignment 4

Hyperparameter Sweep

rounds	accuracy	lower bound	upper bound	runtime
1	0.8	0.791525	0.808475	0.435331
10	0.956	0.951655	0.960345	3.92025
20	0.959	0.954799	0.963201	7.38306
50	0.969	0.965328	0.972672	16.3566
100	0.972	0.968505	0.975495	30.8486
200	0.973	0.969566	0.976434	59.4627
500	0.979	0.975962	0.982038	142.91
1000	0.976	0.972757	0.979243	273.635
2000	0.974	0.970628	0.977372	528.763
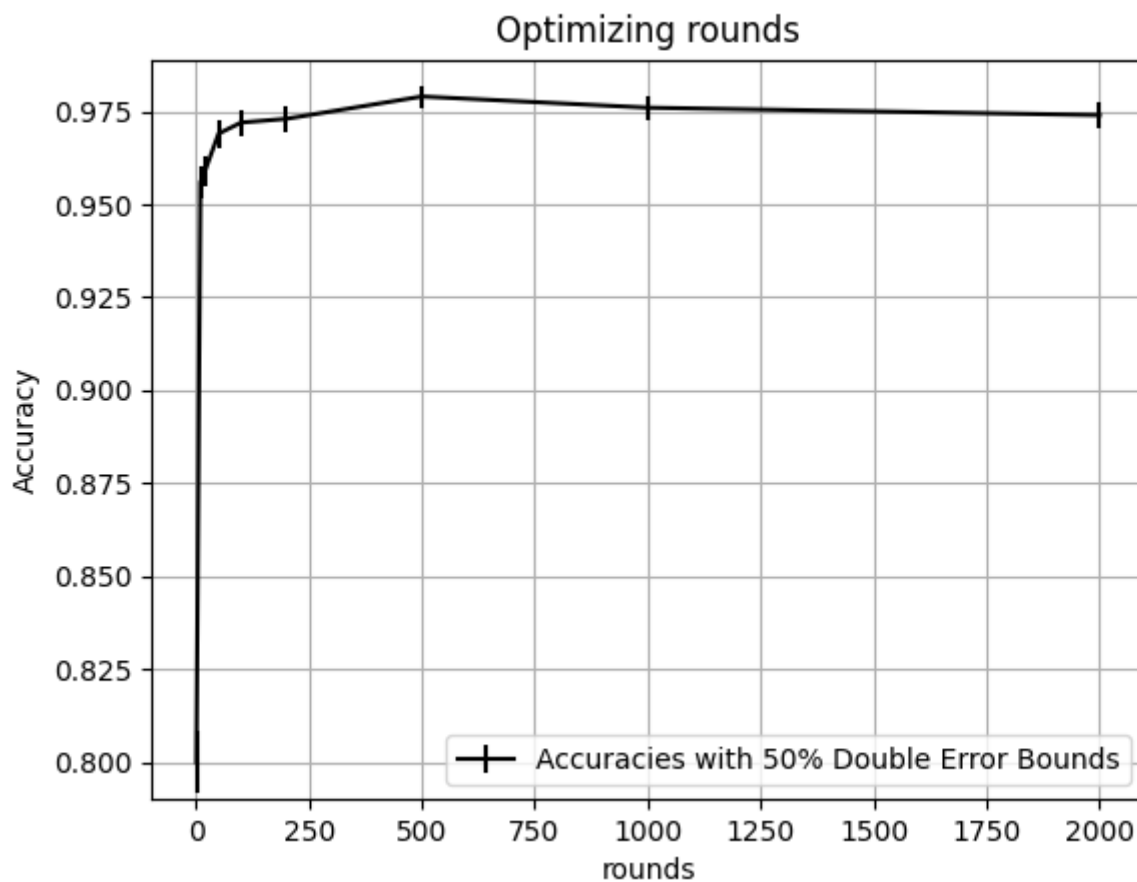
Visualization

Best value before diminishing returns: 50 (upper bound of 50 > lower bound 100).