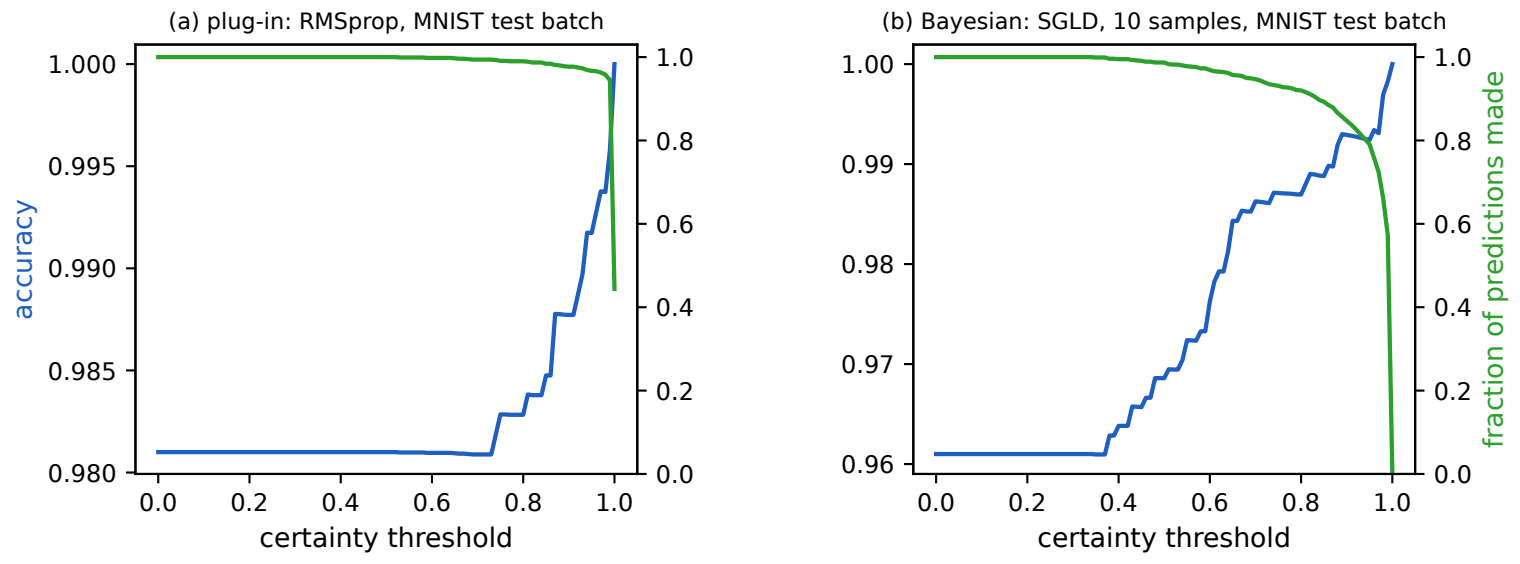

(a) plug-in: RMSprop, MNIST test batch
accuracy
1.000
0.995
0.990
0.985
0.980
1.0
0.8
0.6
0.4
0.2
0.0
0.0
0.2
0.4
0.6
0.8
1.0
certainty threshold
(b) Bayesian: SGLD, 10 samples, MNIST test batch
1.00
0.99
0.98
0.97
0.96
fraction of predictions made
certainty threshold