

### Assignment 6: Task 4

The best values for  $d$  are 100 to 160, 180, and 190. All values of  $d$  are above 90% accuracy, but these numbers have an accuracy of 100% on the test data using “scrambled\_mnist10000.bin” for training.

Among all, 130 is likely the best value for  $d$ , as  $\pm 30$  still maintains a 100% accuracy rate.

