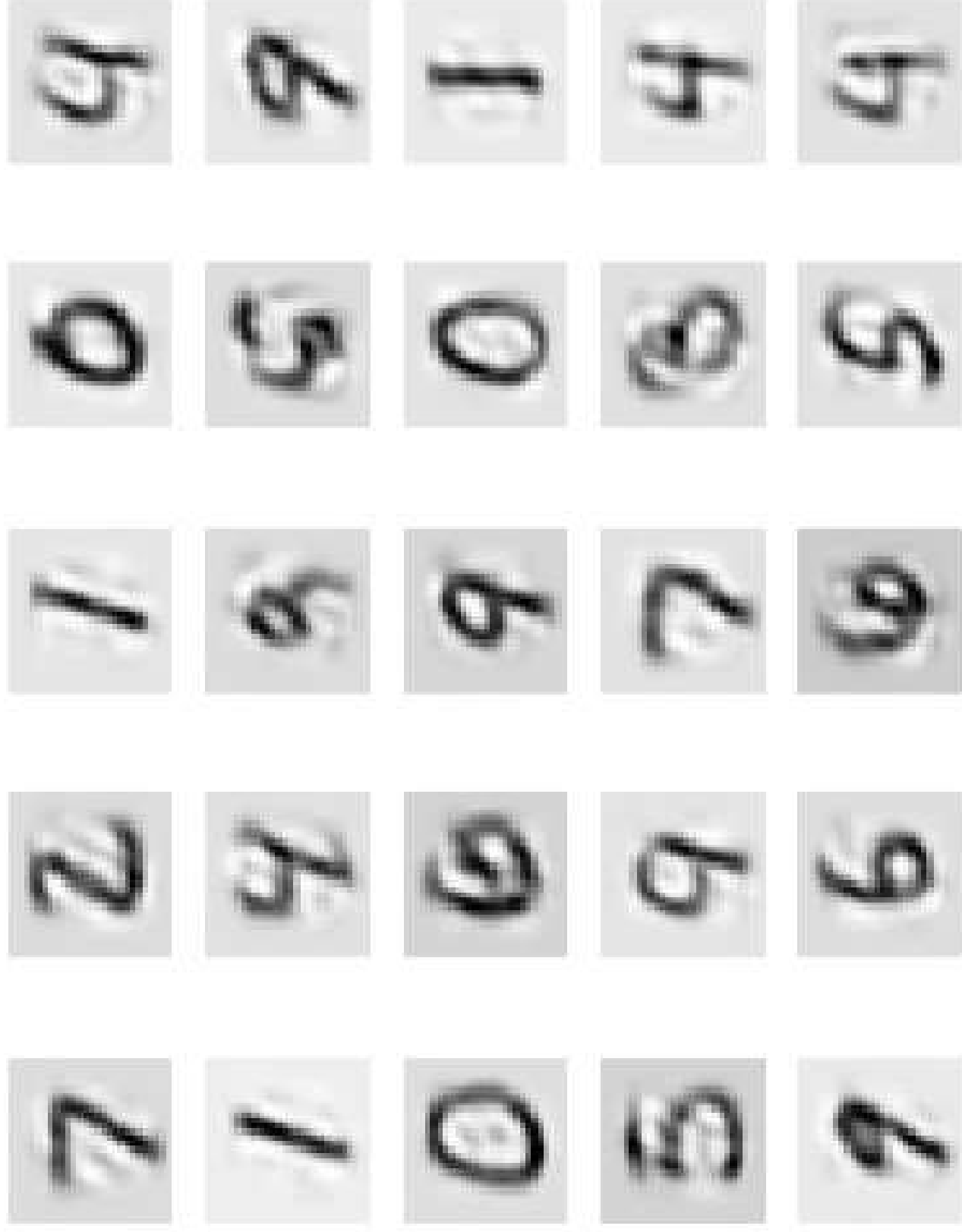
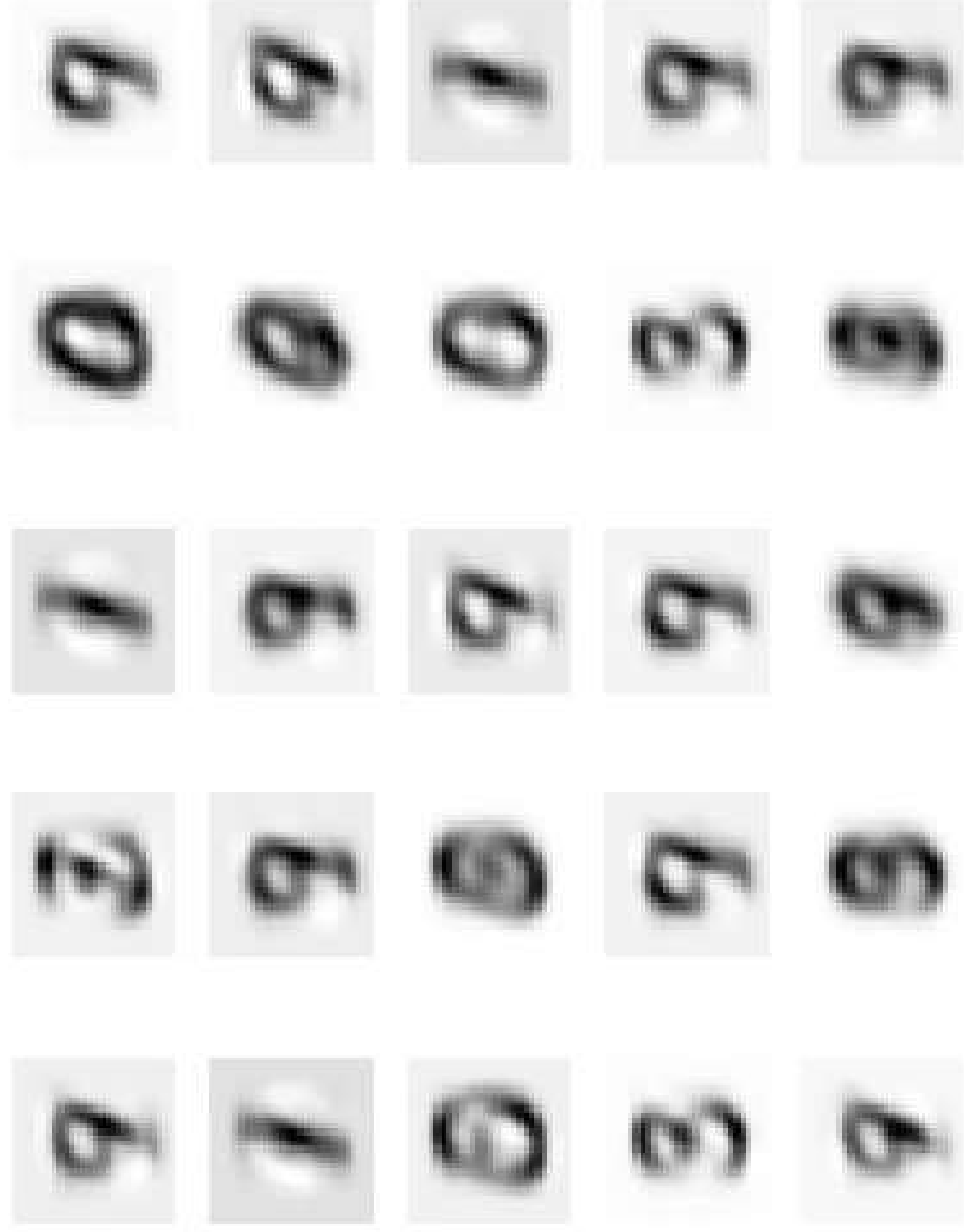


Question 1(a): MNIST test data projected onto 30 dimensions



Question 1(b): MNIST test data projected onto 3 dimensions



Question 1(c): MNIST test data projected onto 300 dimensions



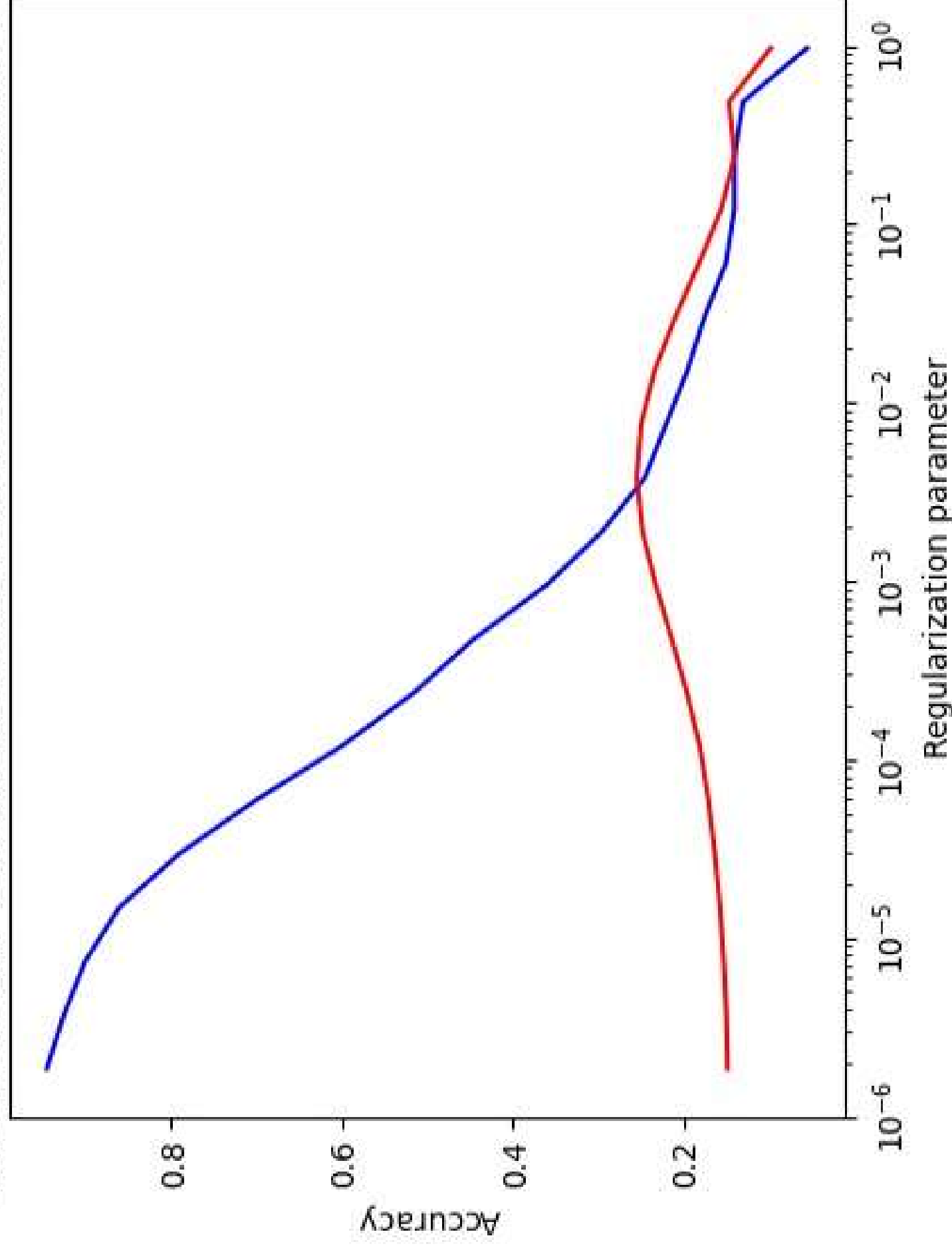
Question 1(f): MNIST data projected onto 100 dimensions (mine)



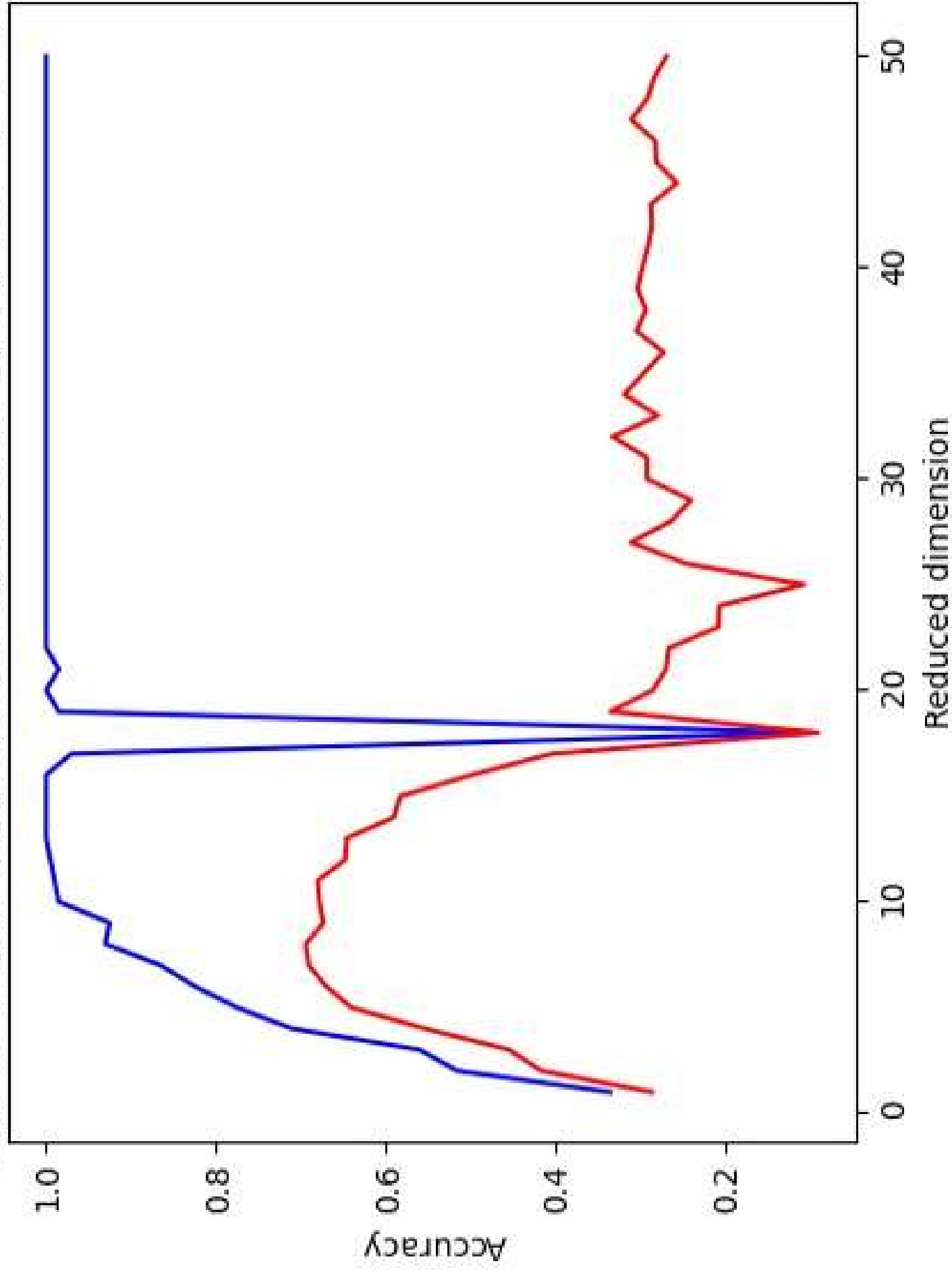
Question 1(f): MNIST data projected onto 100 dimensions (sklearn)



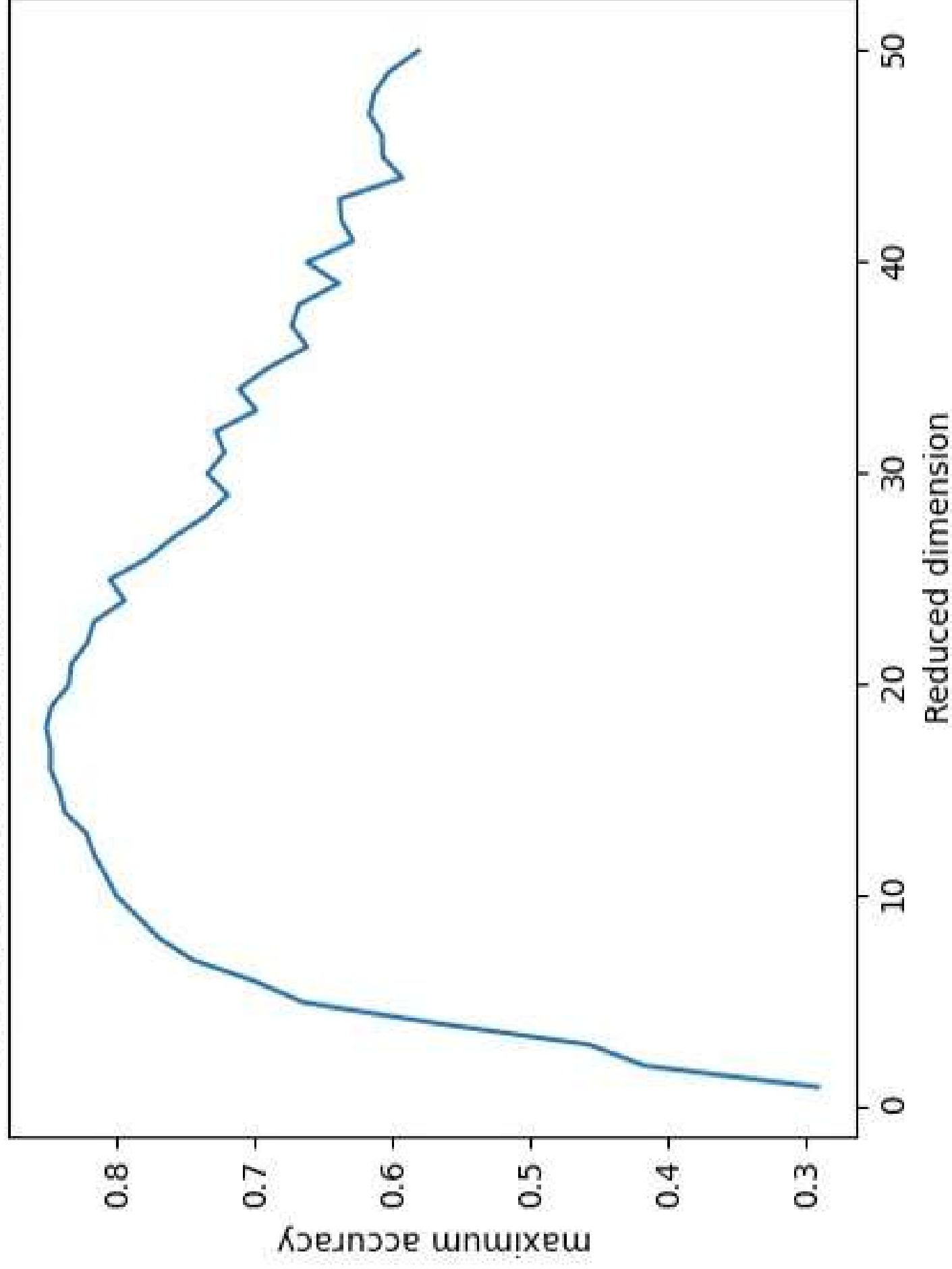
Question 2(b): Training and Validation Accuracy for Regularized QDA



Question 2(d): Training and Validation Accuracy for PCA + QDA

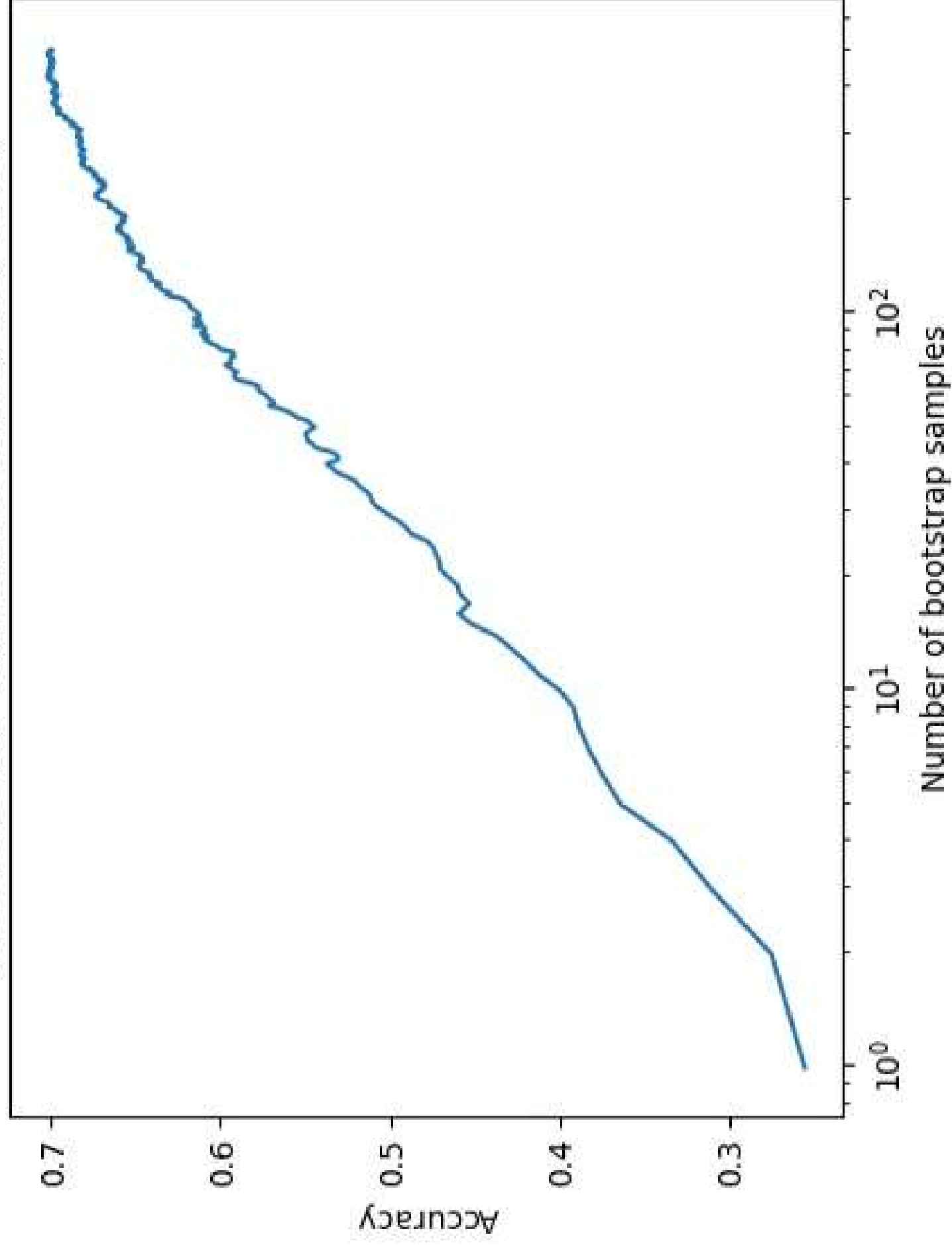


Question 2(f) : Maximum validation accuracy for QDA

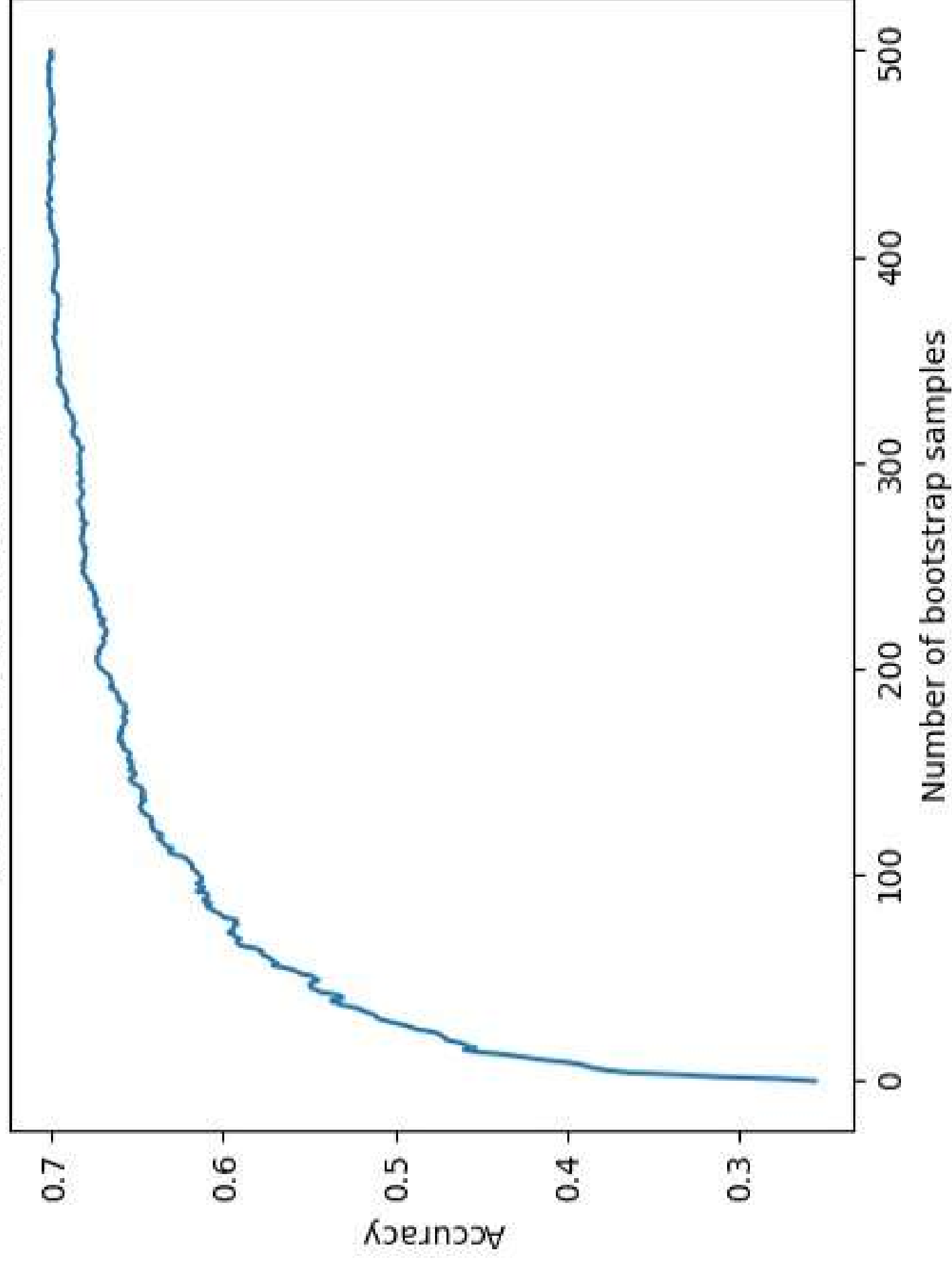




Question 3(c): Validation accuracy (log scale)



Question 3(c): Validation accuracy



Question 3(g): Bagged v.s. base validation accuracy

