

1 Question 1

1.3

Time (in seconds) to complete standard training: 1359.3467 Time (in seconds)
to complete free adversarial training: 372.3792

1.4

Model/Task	Accuracy	PGD Success rate
Standard	0.9227	0.8975
Adv.-trained	0.8235	0.3693

Adversarial training significantly decreases the PGD success rate, i.e increases robustness with the price of a small decrease in accuracy.