MNIST Binary Classification by LR for 4 vs. 7
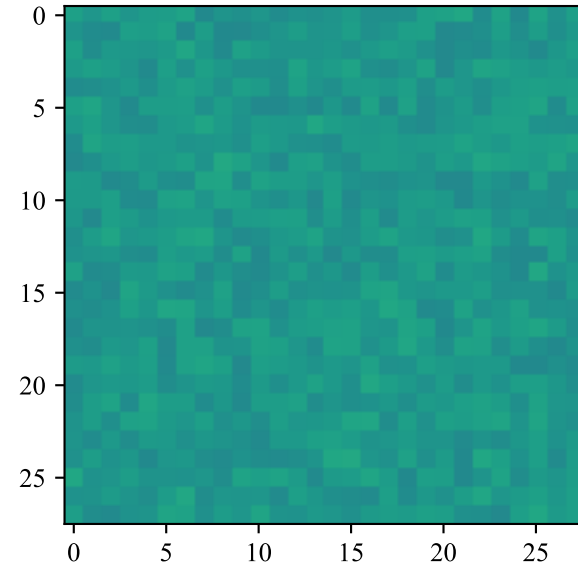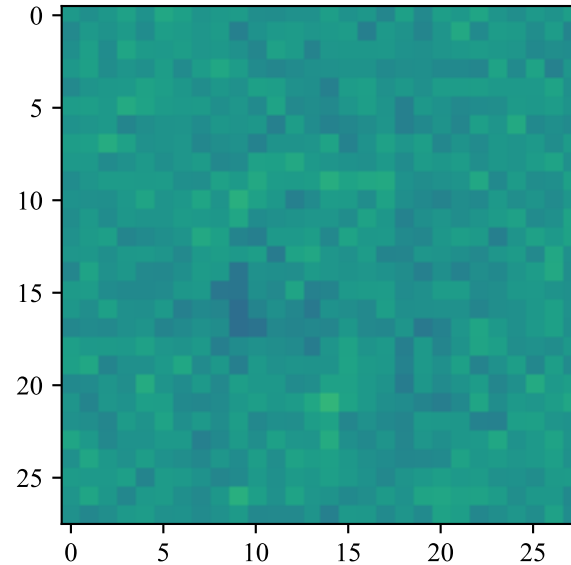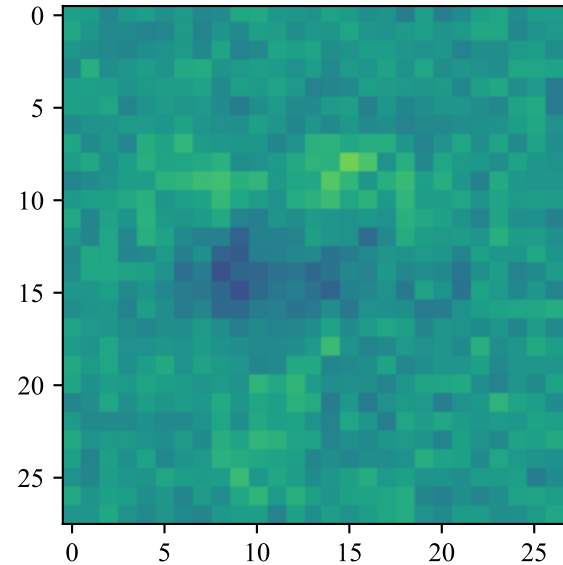

Accuracy = 0.524
Sensitivity = 0.001
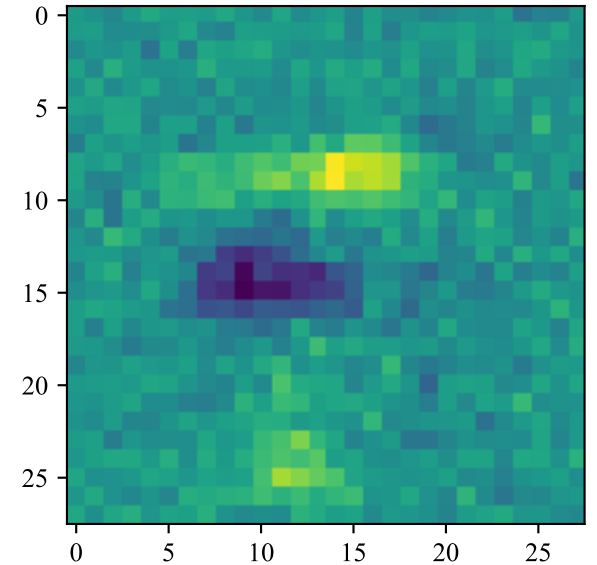Specificity = 1.0
Precision = 0.524
Fall_out = 0.999
Miss_rate = 0.0
train size = 1

Accuracy = 0.653
Sensitivity = 0.986
Specificity = 0.349
Precision = 0.965
Fall_out = 0.014
Miss_rate = 0.651
train size = 10

Accuracy = 0.924
Sensitivity = 0.995
Specificity = 0.86
Precision = 0.995
Fall_out = 0.005
Miss_rate = 0.14
train size = 30

Accuracy = 0.968
Sensitivity = 0.985
Specificity = 0.953
Precision = 0.985
Fall_out = 0.015
Miss_rate = 0.047
train size = 100