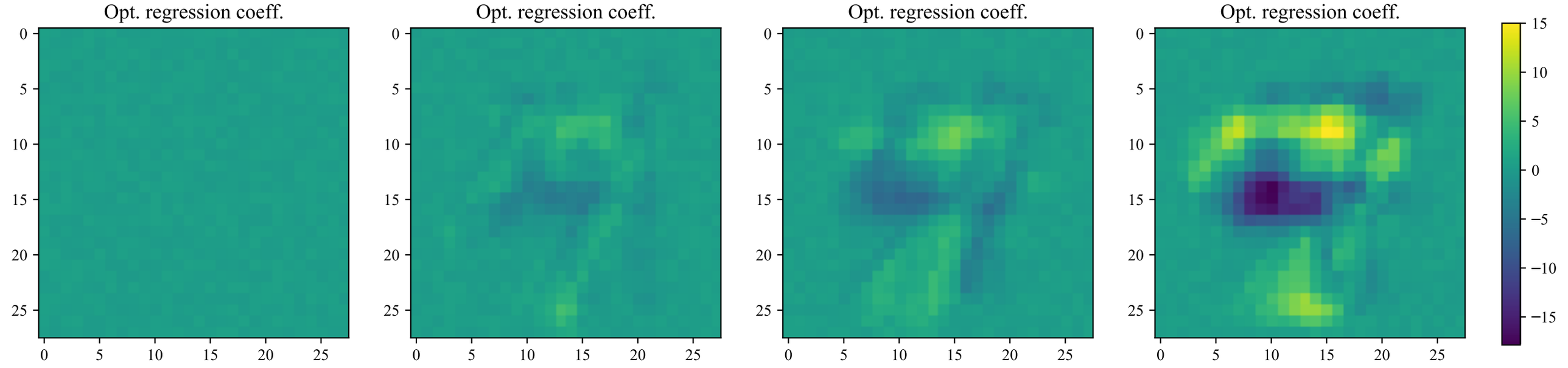
MNIST Binary Classification by LR for 4 vs. 7



Accuracy = 0.508
Sensitivity = 0.0
Specificity = 1.0
Precision = 0.508
Fall_out = 1.0
Miss_rate = 0.0
train size = 1

Accuracy = 0.897
Sensitivity = 0.816
Specificity = 0.976
Precision = 0.845
Fall_out = 0.184
Miss_rate = 0.024
train size = 10

Accuracy = 0.924
Sensitivity = 0.93
Specificity = 0.917
Precision = 0.931
Fall_out = 0.07
Miss_rate = 0.083
train size = 30

Accuracy = 0.97
Sensitivity = 0.979
Specificity = 0.961
Precision = 0.979
Fall_out = 0.021
Miss_rate = 0.039
train size = 100