			+ w/ Defense Attack
Loss	0.00142	3.43	+=====+ 0.00142
+	100%	17%	100%

Example Misclassifications:

No misclassified images for stage: Clean

Attack: fgsm_pgd_attack

Dataset: EMNIST Training Epochs: 10 Trained Clean Images: 64

Test Images: 625 Accuracy: 1.00 Precision: 1.00 Recall: 1.00 F1-score: 1.00

ROC AUC score is not defined for a single class.

Number of misclassified images for No Defense Attack: 53

Attack: fgsm_pgd_attack

Dataset: EMNIST Training Epochs: 10

Adversarial Training Images: 60

Test Images: 625 Accuracy: 0.17 Precision: 0.67 Recall: 0.19 F1-score: 0.29 ROC AUC Score: 1.00

Misclassifications:

0 -> 5: 17

0 -> 1: 1

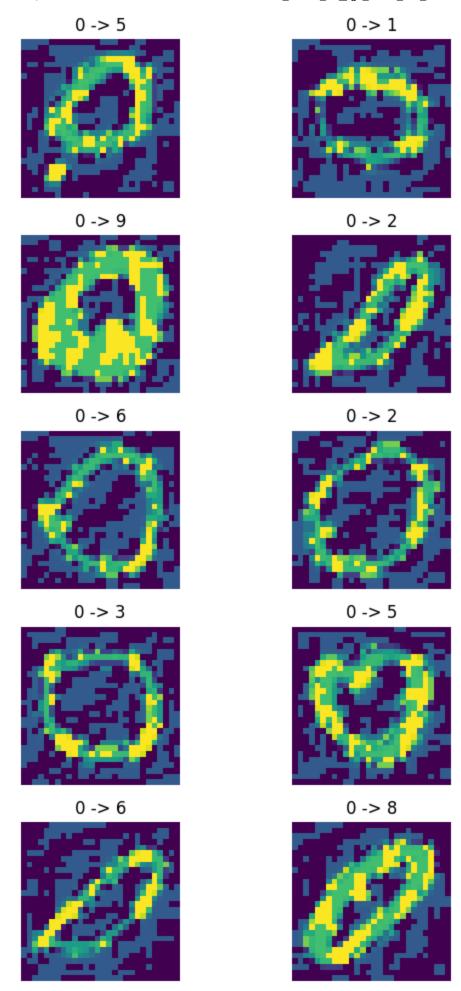
0 -> 9: 4

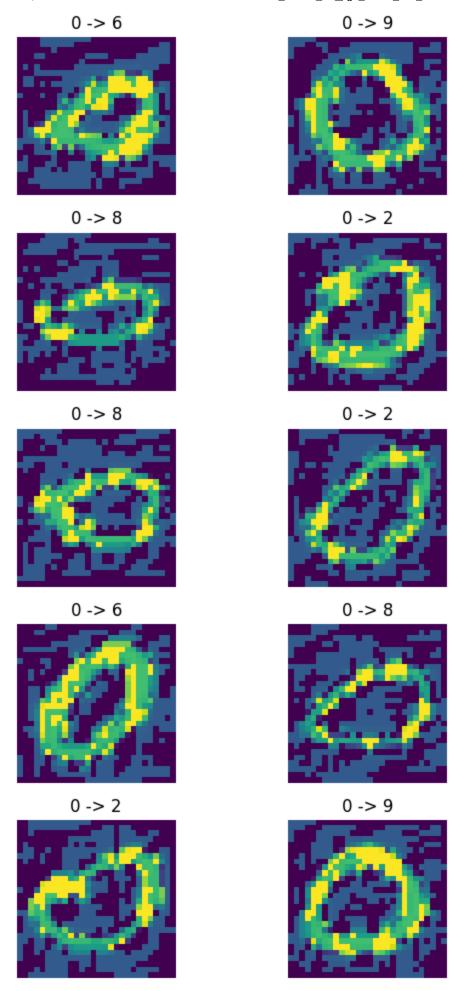
0 -> 2: 9

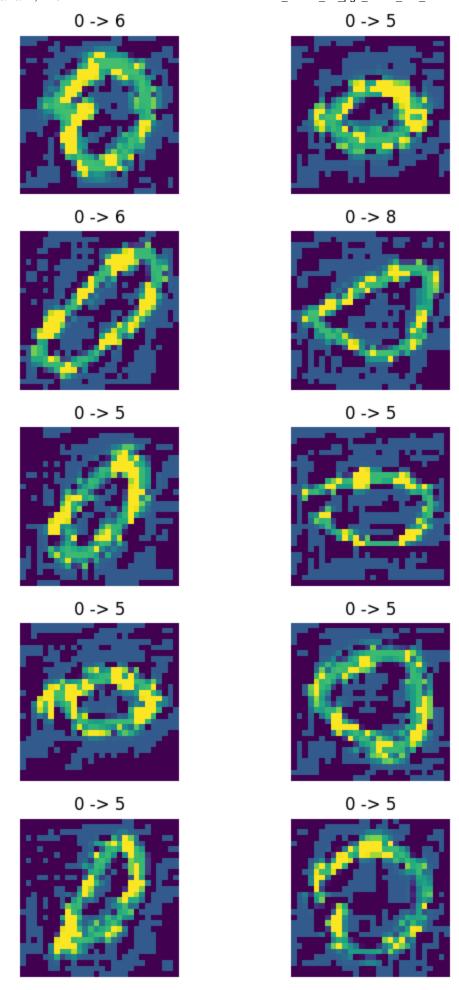
0 -> 6: 9

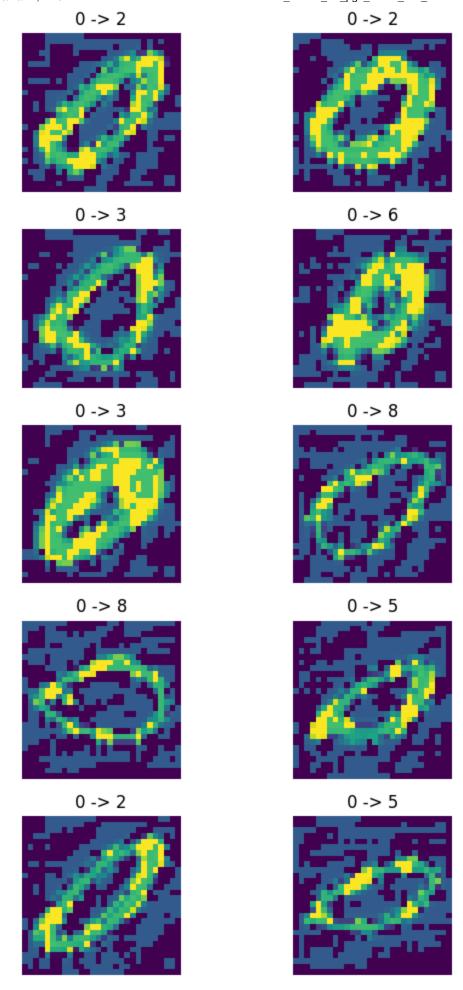
0 -> 3: 6

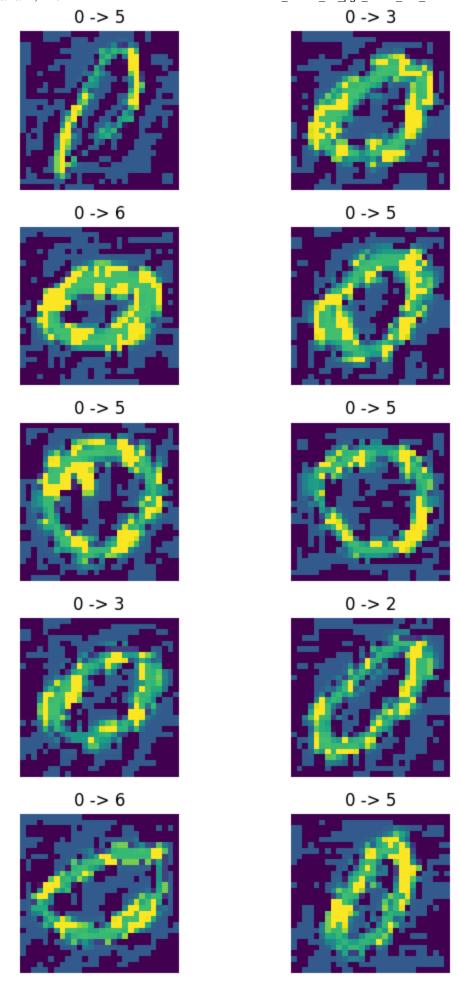
0 -> 8: 7



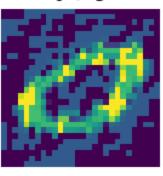






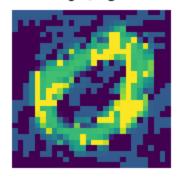


0 -> 3



0 -> 5

0 -> 9



No misclassified images for stage: w/ Defense Attack

Attack: fgsm_pgd_attack

Dataset: EMNIST Training Epochs: 10

Retrained Clean and Adversarial Images: 124

Test Images: 625 Accuracy: 1.00 Precision: 1.00 Recall: 1.00 F1-score: 1.00

ROC AUC score is not defined for a single class.
