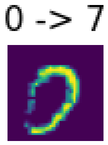
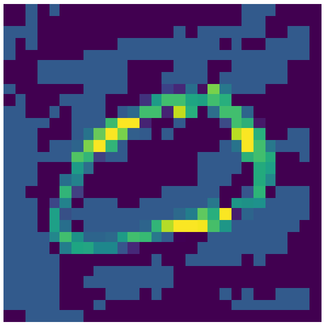
```
+----------+---------+---------------------+---------------------+
| Metric   | Clean   | No Defense Attack   | w/ Defense Attack   |
+==========+=========+=====================+=====================+
| Loss     | 0.0778  | 4.19                | 0.0186              |
+----------+---------+---------------------+---------------------+
| Accuracy | 98%     | 8%                  | 100%                |
+----------+---------+---------------------+---------------------+

Example Misclassifications:

---------------------------------------------------------
Number of misclassified images for Clean: 1
Attack: fgsm_deepfool_attack
Dataset: MNIST
Training Epochs: 10
Trained Clean Images: 64
Test Images: 140
Accuracy: 0.98
Precision: 0.99
Recall: 0.99
F1-score: 0.99
ROC AUC Score: 1.00
---------------------------------------------------------

Misclassifications:
0 -> 7: 1
```

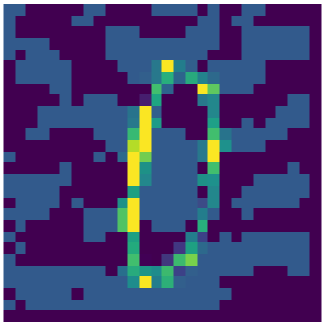


```
---------------------------------------------------------
Number of misclassified images for No Defense Attack: 59
Attack: fgsm_deepfool_attack
Dataset: MNIST
Training Epochs: 10
Adversarial Training Images: 60
Test Images: 140
Accuracy: 0.08
Precision: 0.14
Recall: 0.12
F1-score: 0.13
ROC AUC Score: 1.00
---------------------------------------------------------

Misclassifications:
0 -> 7: 8
0 -> 8: 6
0 -> 6: 18
0 -> 9: 8
0 -> 2: 10
0 -> 4: 4
0 -> 5: 4
0 -> 1: 1
```

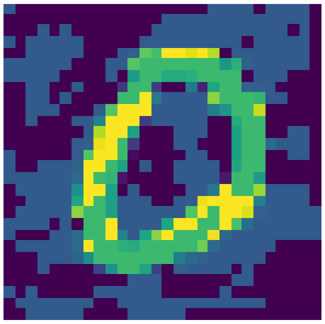
0 -> 7



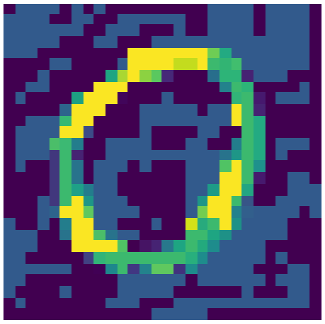
0 -> 8



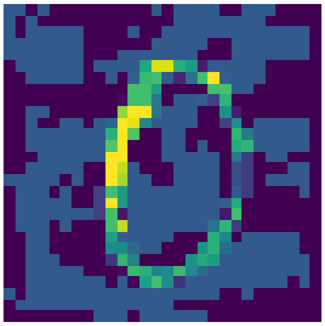
0 -> 6



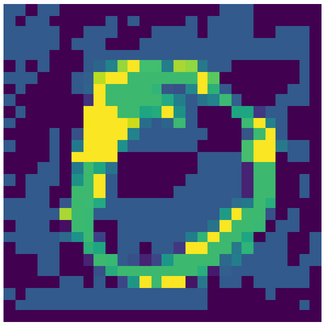
0 -> 9



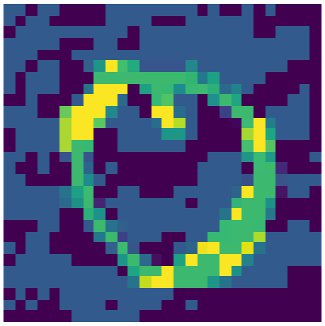
0 -> 6



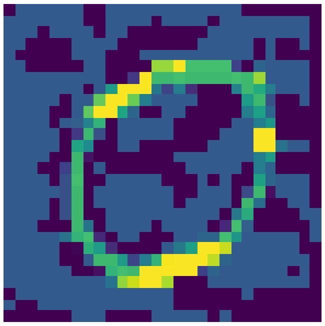
0 -> 7



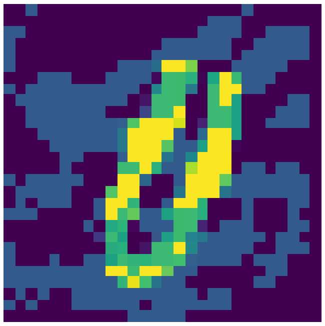
0 -> 2



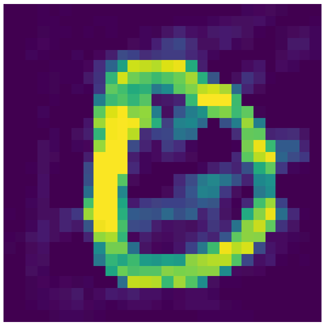
0 -> 2



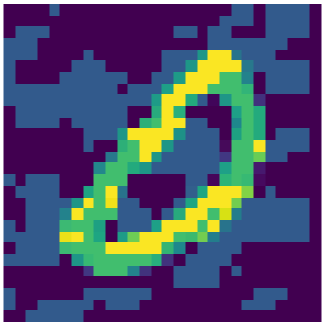
0 -> 4



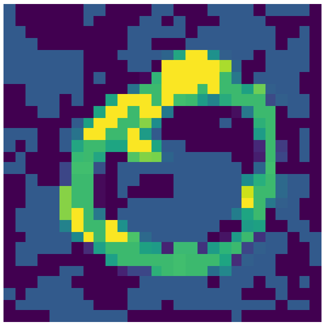
0 -> 6



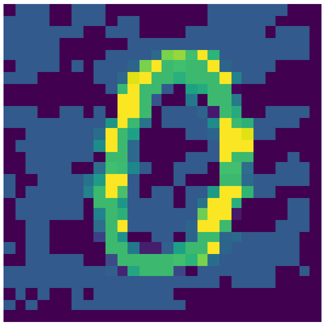
0 -> 6



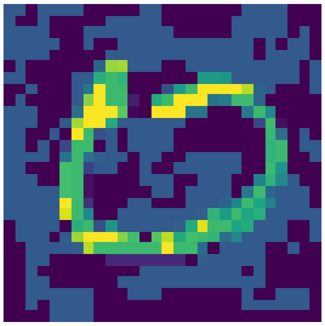
0 -> 9



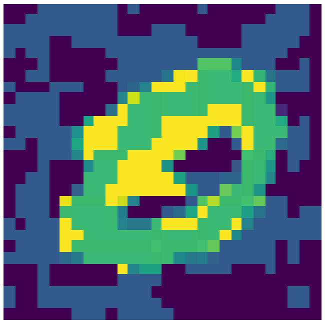
0 -> 7



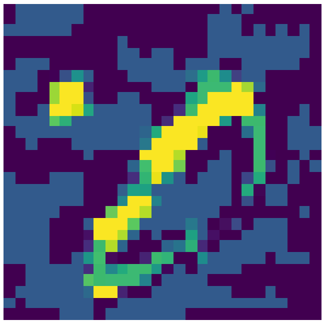
0 -> 5



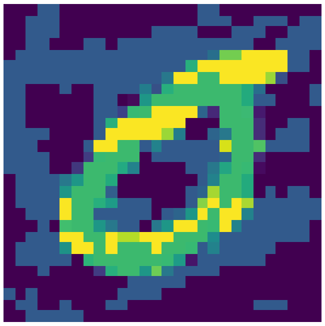
0 -> 8



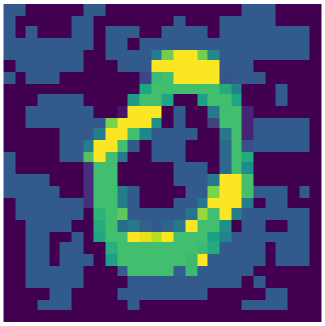
0 -> 8



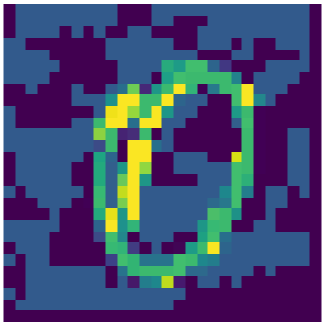
0 -> 4



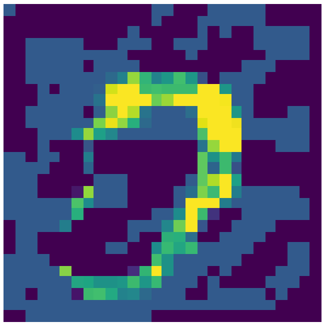
0 -> 6



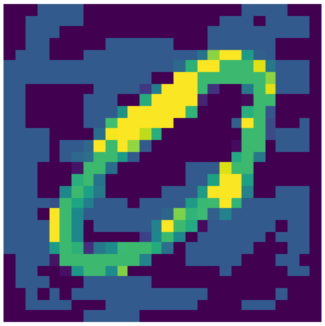
0 -> 8



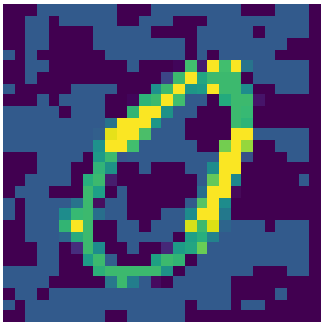
0 -> 7



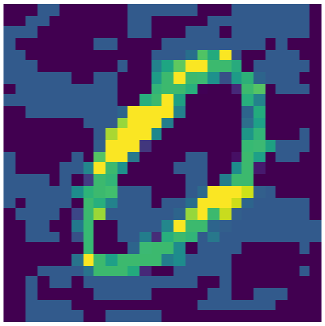
0 -> 2



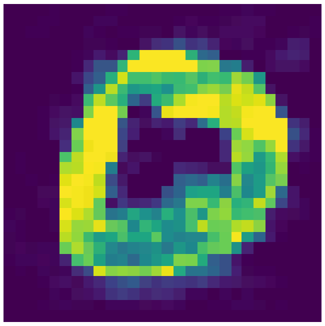
0 -> 7



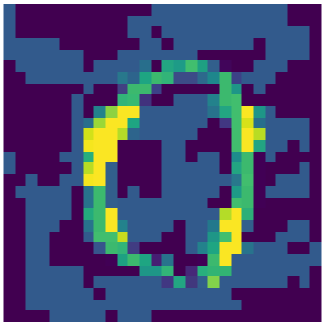
0 -> 6



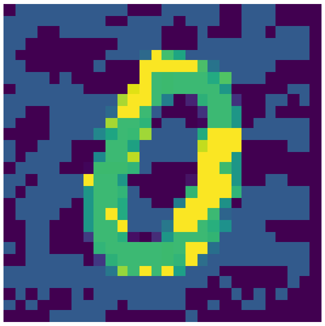
0 -> 6



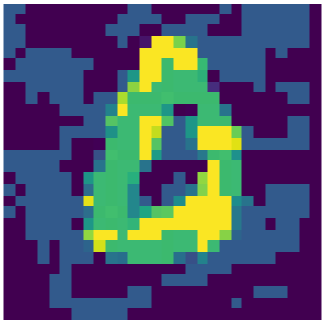
0 -> 4



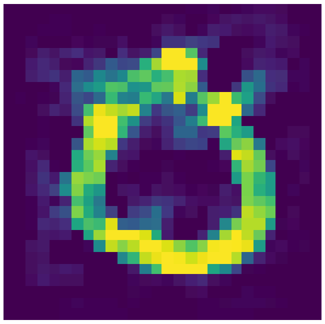
0 -> 7



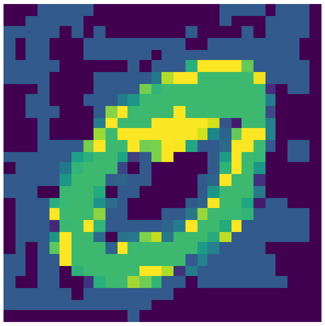
0 -> 2



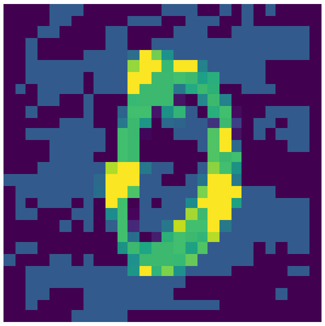
0 -> 5



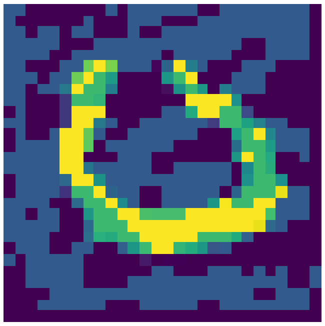
0 -> 2



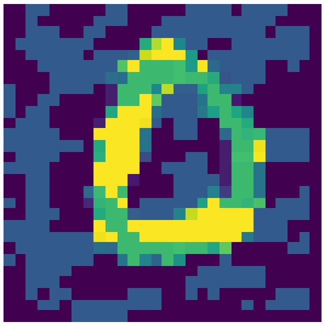
0 -> 4



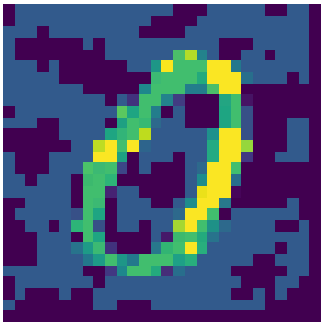
0 -> 6



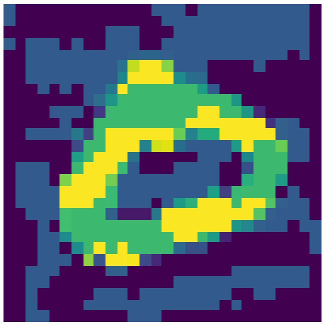
0 -> 6



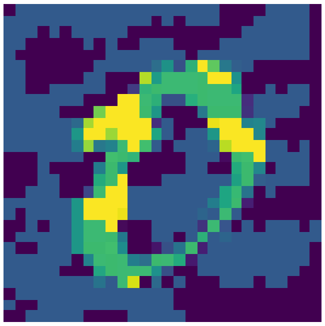
0 -> 7



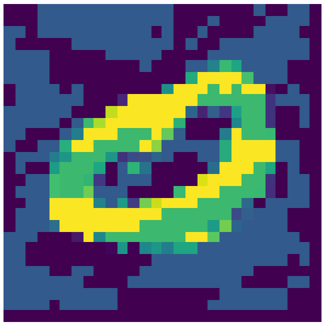
0 -> 6



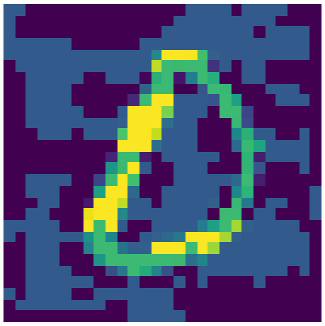
0 -> 2



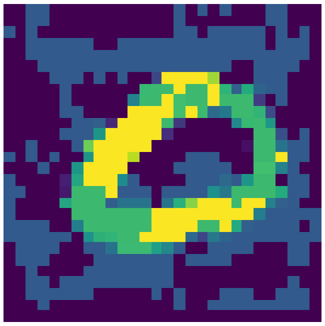
0 -> 9



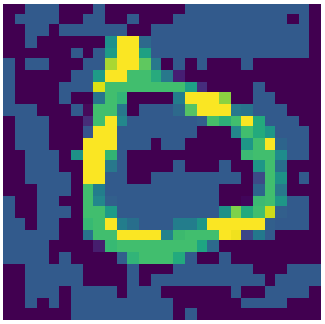
0 -> 2



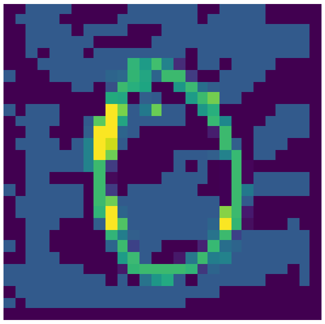
0 -> 6



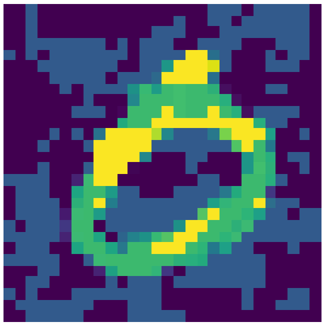
0 -> 6



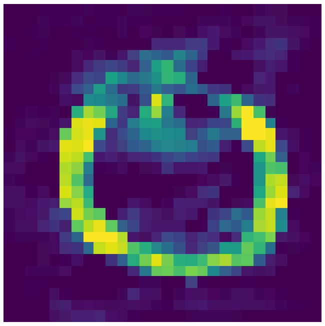
0 -> 6



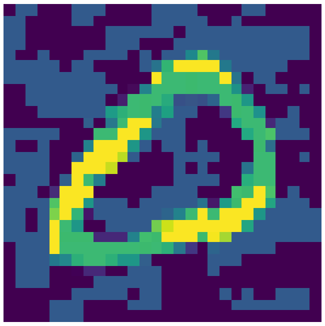
0 -> 6



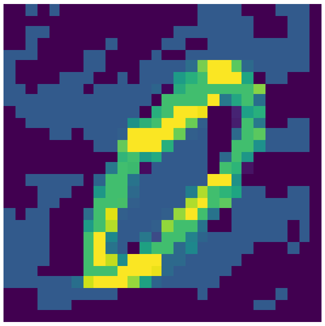
0 -> 5



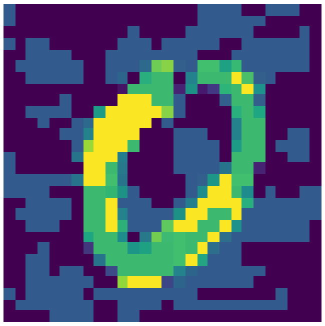
0 -> 2



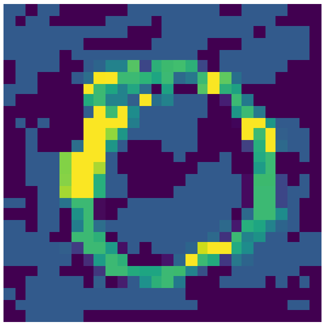
0 -> 8



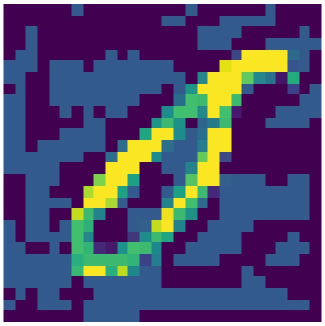
0 -> 6



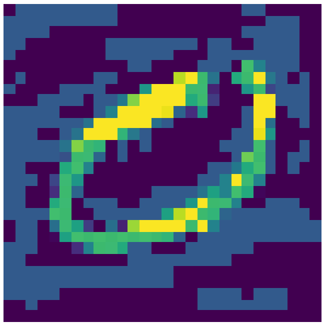
0 -> 6



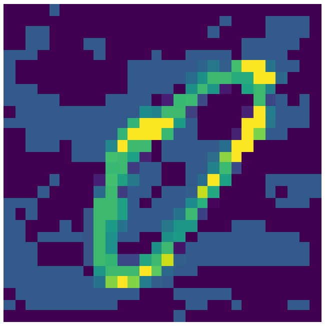
0 -> 1



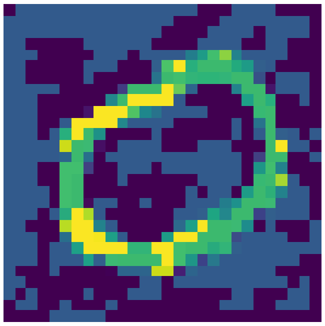
0 -> 2



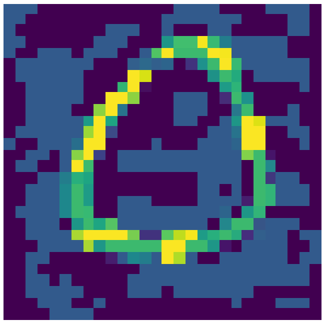
0 -> 8



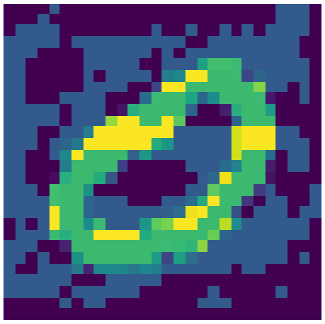
0 -> 9



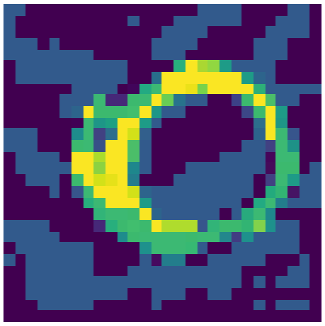
0 -> 9



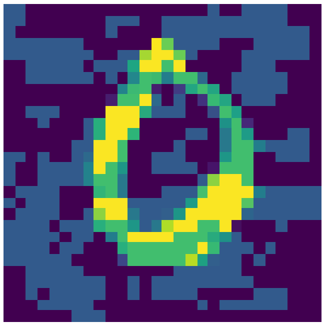
0 -> 2



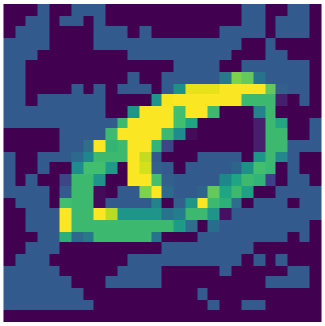
0 -> 6



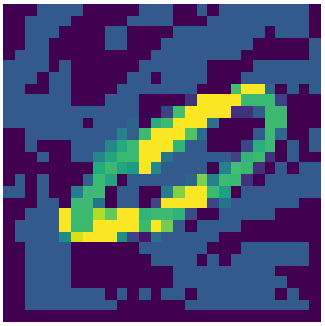
0 -> 6



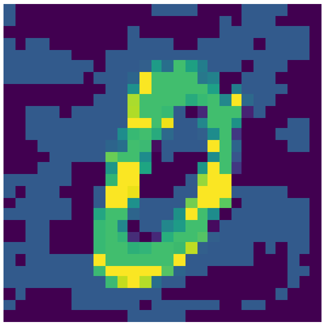
0 -> 9



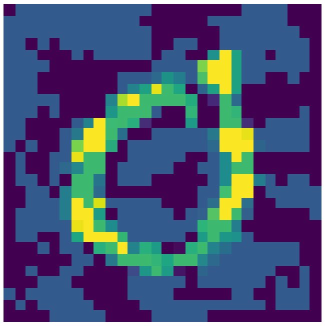
0 -> 5



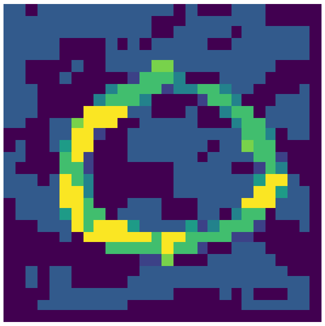
0 -> 7



0 -> 9



0 -> 9



```
---------------------------------------------------------
No misclassified images for stage: w/ Defense Attack
Attack: fgsm_deepfool_attack
Dataset: MNIST
Training Epochs: 10
Retrained Clean and Adversarial Images: 124
Test Images: 140
Accuracy: 1.00
Precision: 1.00
Recall: 1.00
F1-score: 1.00
ROC AUC score is not defined for a single class.
---------------------------------------------------------
```