***Physical Adversarial Settings***

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Model | Adversarial Setting | Original Image | Saliency | Integrated Gradients | DeepLift | GradientShap |
| Initial | Contrast | Prediction-Deer Conf – 0.99 |  |  |  |  |
| Augmented | Contrast | Prediction-Plane Conf – 0.99 |  |  |  |  |
| Initial | Exposure | Prediction Plane Conf – 0.97 |  |  |  |  |
| Augmented | Exposure | Prediction Plane Conf – 0.99 |  |  |  |  |
| Initial | Sharpness | Prediction Plane Conf – 1.0 |  |  |  |  |
| Augmented | Sharpness | Prediction Plane Conf – 1.0 |  |  |  |  |
| Initial | Scaling | Prediction – Cat Conf – 0.99 |  |  |  |  |
| Augmented | Scaling | Prediction – Plane Conf – 0.99 |  |  |  |  |
| Initial | Blur | Prediction – Deer Conf – 0.99 |  |  |  |  |
| Augmented | Blur | Prediction – Plane Conf – 0.99 |  |  |  |  |
| Initial | Gaussian Noise | Prediction – Frog Conf– 0.99 |  |  |  |  |
| Augmented | Gaussian Noise | Prediction – Ship Conf– 0.98 |  |  |  |  |
| Initial | Speckle Noise | Prediction –Deer Conf– 0.98 |  |  |  |  |
| Augmented | Speckle Noise | Prediction –Plane Conf– 0.99 |  |  |  |  |
| Initial | Pepper Noise | Prediction – Bird Conf– 0.99 |  |  |  |  |
| Augmented | Pepper Noise | Prediction –Plane Conf– 0.99 |  |  |  |  |
| Initial | Salt Noise | Prediction – Deer Conf– 0.99 |  |  |  |  |
| Augmented | Salt Noise | Prediction –Plane Conf– 0.99 |  |  |  |  |
| Initial | Salt & Pepper Noise | Prediction – Frog Conf– 0.99 |  |  |  |  |
| Augmented | Salt & Pepper Noise | Prediction –Plane Conf– 0.99 |  |  |  |  |
| Initial | Shear | Prediction –Plane Conf– 0.993 |  |  |  |  |
| Augmented | Shear | Prediction –Plane Conf– 0.99 |  |  |  |  |
| Initial | Swirl | Prediction – Bird Conf– 0.99 |  |  |  |  |
| Augmented | Swirl | Prediction – Plane Conf– 0.99 |  |  |  |  |