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| --- | --- | --- | --- |
| Real & Fake Images | **Mean Squared Error (MSE)** | | |
| CycleGAN | VAE-CycleGAN | VAE-CycleGAN256 |
| Input: 64x64 | Input: 64x64 | Input: 256x256 |
| Compression: 16:1 | Compression: 16:1 | Compression: 256:1 |
| MSE (X, X’) | 0.0345 | 0.0355 | 0.0482 |
| MSE (Y, Y’) | 0.0036 | 0.0037 | 0.0063 |
| MSE (X, X’’) | 0.0296 | 0.0337 | 0.0278 |
| MSE (Y, Y’’) | 0.0148 | 0.0170 | 0.0141 |