| Training Data | N epochs | CNN Architecture | Threshold | Precision | Recall | F1 |
| --- | --- | --- | --- | --- | --- | --- |
| Crested Gibbon Binary | 1, 2, 3, 4, 5 | resnet152 | 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, 0.9 | 1.00 | 1.00 | 1.00 |
| 1 | vgg19 | 0.5, 0.6, 0.7, 0.8, 0.9 | 1.00 | 1.00 | 1.00 |
| 2, 3, 4, 5, 20 | resnet18 | 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.9 | 1.00 | 1.00 | 1.00 |
| 5 | resnet50 | 0.6, 0.7 | 1.00 | 1.00 | 1.00 |
| 5 | vgg16 | 0.6, 0.7, 0.8, 0.9 | 1.00 | 1.00 | 1.00 |
| Grey Gibbon Binary | 20 | resnet152 | 0.1, 0.2, 0.3, 0.4 | 0.94 | 0.97 | 0.95 |
| Crested Gibbon MultiClass | 1, 2, 3, 5, 20 | resnet152 | 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, 0.9 | 1.00 | 1.00 | 1.00 |
| 1, 2, 3, 4, 5, 20 | resnet18 | 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, 0.9 | 1.00 | 1.00 | 1.00 |
| 1, 2, 3, 4, 5, 20 | resnet50 | 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, 0.9 | 1.00 | 1.00 | 1.00 |
| 1, 2, 3, 4, 5 | vgg19 | 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, 0.9 | 1.00 | 1.00 | 1.00 |
| 2, 4, 5 | vgg16 | 0.1, 0.2, 0.6, 0.7, 0.8, 0.9 | 1.00 | 1.00 | 1.00 |
| 3, 4, 5 | alexnet | 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, 0.9 | 1.00 | 1.00 | 1.00 |
| Grey Gibbon MultiClass | 20 | resnet152 | 0.3, 0.4 | 0.91 | 0.99 | 0.95 |