

| Metric | Pretrain dataset | AlexNet | VGG16 | GoogleNet | ResNet101 | DenseNet121 | DenseNet169 |
|--------|------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| OA | W/O | 37.92 ± 0.70 | 73.19 ± 0.44 | 81.77 ± 0.56 | 58.82 ± 0.74 | 63.35 ± 0.34 | 64.51 ± 0.47 |
| | ImageNet | 87.19 ± 0.26 | 92.76 ± 0.18 | 91.71 ± 0.25 | 94.06 ± 0.16 | 93.90 ± 0.19 | 94.11 ± 0.20 |
| | Million-AID | 88.24 ± 0.21 | 93.62 ± 0.20 | 93.40 ± 0.23 | 94.20 ± 0.16 | 94.21 ± 0.20 | 94.26 ± 0.21 |
| AA | W/O | 37.92 ± 0.70 | 73.19 ± 0.44 | 81.77 ± 0.56 | 58.82 ± 0.74 | 63.35 ± 0.34 | 64.51 ± 0.47 |
| | ImageNet | 87.19 ± 0.26 | 92.76 ± 0.18 | 91.71 ± 0.25 | 94.06 ± 0.16 | 93.90 ± 0.19 | 94.11 ± 0.20 |
| | Million-AID | 88.24 ± 0.21 | 93.62 ± 0.20 | 93.40 ± 0.23 | 94.20 ± 0.16 | 94.21 ± 0.20 | 94.26 ± 0.21 |
| Kappa | W/O | 36.51 ± 0.72 | 72.59 ± 0.45 | 81.36 ± 0.58 | 57.89 ± 0.75 | 62.51 ± 0.35 | 63.70 ± 0.48 |
| | ImageNet | 86.89 ± 0.21 | 92.60 ± 0.19 | 91.52 ± 0.26 | 93.92 ± 0.17 | 93.76 ± 0.19 | 93.98 ± 0.20 |
| | Million-AID | 87.97 ± 0.21 | 93.48 ± 0.20 | 93.25 ± 0.24 | 94.07 ± 0.16 | 94.08 ± 0.20 | 94.13 ± 0.21 |

* W/O indicates the classification models are trained from scratch.