

Metric	Pretrain dataset	AlexNet	VGG16	GoogleNet	ResNet101	DenseNet121	DenseNet169
OA	W/O	33.47 ± 2.15	72.18 ± 0.49	79.05 ± 0.89	49.46 ± 2.07	58.02 ± 0.74	59.16 ± 0.52
	ImageNet	88.79 ± 0.40	93.72 ± 0.21	92.24 ± 0.21	94.52 ± 0.25	94.68 ± 0.19	94.76 ± 0.21
	Million-AID	90.70 ± 0.43	95.33 ± 0.28	94.55 ± 0.23	95.40 ± 0.19	95.22 ± 0.26	95.24 ± 0.35
AA	W/O	33.85 ± 2.35	72.16 ± 0.54	78.88 ± 0.88	49.29 ± 2.06	57.88 ± 0.73	59.04 ± 0.51
	ImageNet	88.52 ± 0.39	93.38 ± 0.22	91.78 ± 0.23	94.18 ± 0.29	94.39 ± 0.21	94.44 ± 0.22
	Million-AID	90.46 ± 0.45	95.14 ± 0.27	94.30 ± 0.23	95.17 ± 0.19	94.97 ± 0.26	95.00 ± 0.38
Kappa	W/O	31.09 ± 2.24	71.19 ± 0.51	78.31 ± 0.92	47.63 ± 2.15	56.50 ± 0.76	57.69 ± 0.53
	ImageNet	88.39 ± 0.42	93.49 ± 0.21	91.96 ± 0.22	94.32 ± 0.26	94.49 ± 0.20	94.57 ± 0.22
	Million-AID	90.37 ± 0.44	95.17 ± 0.29	94.35 ± 0.24	95.24 ± 0.20	95.05 ± 0.27	95.07 ± 0.37

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