

ResNet 50						
	lr \ wd	1.00E-03	1.00E-04	1.00E-05	1.00E-06	0
SGD / Step	1.00E-01	95.43	93.96	96.57	94.59	95.43
	1.00E-02	99.13	98.85	98.69	98.81	98.85
	1.00E-03	98.72	98.80	98.59	98.63	98.57
	1.00E-04	96.83	96.69	96.63	96.72	96.85
SGD / Cosine	1.00E-01	96.61	93.76	94.00	87.26	94.54
	1.00E-02	99.04	98.87	98.94	98.80	98.87
	1.00E-03	98.67	98.56	98.57	98.65	98.50
	1.00E-04	96.63	96.39	96.74	96.74	96.56
Adam / Cosine	1.00E-02	96.93	96.83	96.81	95.37	96.67
	1.00E-03	98.56	98.54	98.43	98.57	98.54
	1.00E-04	98.63	99.09	99.06	99.19	99.07
	1.00E-05	97.89	98.76	98.57	98.57	98.67
AlexNet						
	lr \ wd	1.00E-03	1.00E-04	1.00E-05	1.00E-06	0
SGD / Step	1.00E-01	0.00	0.00	0.00	0.00	0.00
	1.00E-02	97.13	97.69	0.00	11.11	97.04
	1.00E-03	97.56	97.33	97.59	97.28	97.48
	1.00E-04	94.43	94.76	94.48	94.72	94.65
SGD / Cosine	1.00E-01	0.00	0.00	0.00	0.00	0.00
	1.00E-02	97.74	97.65	0.00	0.00	11.11
	1.00E-03	97.46	97.37	97.43	97.26	97.43
	1.00E-04	94.69	94.63	94.63	94.65	94.56
Adam / Cosine	1.00E-02	11.63	11.11	11.11	11.11	11.11
	1.00E-03	97.04	97.39	97.13	96.87	97.35
	1.00E-04	96.33	97.93	97.81	97.93	97.80
	1.00E-05	88.52	95.96	96.15	96.13	96.22

VGG13BN						
	lr \ wd	1.00E-03	1.00E-04	1.00E-05	1.00E-06	0
SGD / Step	1.00E-01	97.56	97.74	97.43	97.89	97.56
	1.00E-02	98.67	98.70	98.83	98.50	98.54
	1.00E-03	98.24	98.07	98.26	98.24	98.20
	1.00E-04	96.11	96.00	95.69	95.96	95.98
SGD / Cosine	1.00E-01	97.96	97.89	97.85	97.81	97.65
	1.00E-02	98.69	98.63	98.70	98.63	98.85
	1.00E-03	98.11	98.11	98.07	98.19	98.13
	1.00E-04	96.07	95.91	95.94	96.24	96.06
Adam / Cosine	1.00E-02	95.67	85.52	84.61	55.81	90.80
	1.00E-03	98.17	98.24	98.11	98.30	98.19
	1.00E-04	98.65	98.61	98.59	98.54	98.54
	1.00E-05	98.07	98.02	98.06	97.94	97.87
PNASNet5						
	lr \ wd	1.00E-03	1.00E-04	1.00E-05	1.00E-06	0
SGD / Step	1.00E-01	98.41	98.78	98.76	98.50	98.74
	1.00E-02	98.85	98.85	98.81	98.81	98.80
	1.00E-03	98.09	98.04	98.07	98.02	97.96
	1.00E-04	95.26	95.11	95.37	95.33	95.65
SGD / Cosine	1.00E-01	98.46	99.07	99.13	99.00	99.09
	1.00E-02	98.89	98.93	98.69	98.80	98.65
	1.00E-03	98.00	97.94	97.96	97.98	97.98
	1.00E-04	95.28	95.15	95.30	95.41	95.41
Adam / Cosine	1.00E-02	97.83	97.20	97.44	96.74	97.78
	1.00E-03	98.54	98.94	98.96	98.65	98.80
	1.00E-04	98.67	99.04	99.17	99.02	99.13
	1.00E-05	96.85	98.63	98.69	98.46	98.52

Resnet152						
	lr \ wd	1.00E-03	1.00E-04	1.00E-05	1.00E-06	0
SGD / Step	1.00E-01	96.54	96.28	93.61	95.94	89.37
	1.00E-02	99.02	98.96	98.96	98.69	98.96
	1.00E-03	98.72	98.61	98.63	98.54	98.80
	1.00E-04	96.78	96.78	96.70	97.02	96.76
SGD / Cosine	1.00E-01	96.87	90.63	96.28	93.87	94.35
	1.00E-02	99.02	98.91	98.85	98.74	99.00
	1.00E-03	98.44	98.43	98.57	98.54	98.43
	1.00E-04	96.35	96.50	96.37	96.26	96.65
Adam / Cosine	1.00E-02	96.48	96.30	96.80	96.54	96.70
	1.00E-03	98.50	98.48	98.57	98.59	98.54
	1.00E-04	98.50	99.09	99.00	99.15	99.09
	1.00E-05	97.35	98.70	98.69	98.44	98.56
MobileNetV3 Small						
	lr \ wd	1.00E-03	1.00E-04	1.00E-05	1.00E-06	0
SGD / Step	1.00E-01	96.91	98.74	98.61	98.67	98.52
	1.00E-02	98.91	99.00	98.85	98.83	98.76
	1.00E-03	97.70	97.74	97.57	97.39	97.35
	1.00E-04	92.41	92.70	92.69	92.28	92.80
SGD / Cosine	1.00E-01	97.50	98.70	98.76	99.00	98.76
	1.00E-02	98.91	98.94	98.89	98.76	98.70
	1.00E-03	97.54	97.48	97.54	97.54	97.43
	1.00E-04	92.13	92.43	92.43	92.80	92.54
Adam / Cosine	1.00E-02	97.67	98.31	98.61	98.46	98.72
	1.00E-03	96.85	99.15	99.00	99.15	99.11
	1.00E-04	78.94	98.96	98.81	98.65	98.59
	1.00E-05	19.11	96.65	96.54	96.39	96.41

DeiT Tiny						
	lr \ wd	1.00E-03	1.00E-04	1.00E-05	1.00E-06	0
SGD / Step	1.00E-01	0.00	33.15	22.24	24.13	28.67
	1.00E-02	98.80	98.93	98.78	98.87	98.87
	1.00E-03	98.81	98.89	98.96	98.91	98.91
	1.00E-04	98.04	97.80	97.91	97.89	97.70
SGD / Cosine	1.00E-01	11.15	18.28	96.24	58.72	43.87
	1.00E-02	99.07	98.85	98.98	98.94	98.91
	1.00E-03	98.93	98.72	98.98	98.94	98.89
	1.00E-04	97.74	97.69	97.76	97.78	97.89
Adam / Cosine	1.00E-02	93.70	66.96	49.85	56.09	49.44
	1.00E-03	96.26	98.24	97.98	97.87	98.04
	1.00E-04	95.69	98.94	99.11	99.02	99.04
	1.00E-05	78.91	97.98	98.50	98.57	98.69
DeiT Small						
	lr \ wd	1.00E-03	1.00E-04	1.00E-05	1.00E-06	0
SGD / Step	1.00E-01	0.00	40.61	38.22	24.39	32.80
	1.00E-02	99.00	99.04	99.04	99.06	99.06
	1.00E-03	99.00	98.91	98.96	98.93	98.87
	1.00E-04	97.76	97.33	97.74	97.52	97.91
SGD / Cosine	1.00E-01	0.00	0.00	0.00	10.22	0.00
	1.00E-02	99.06	99.15	99.20	99.02	99.04
	1.00E-03	98.96	98.96	98.93	99.06	98.96
	1.00E-04	97.56	97.56	97.59	97.69	97.46
Adam / Cosine	1.00E-02	89.28	57.61	46.48	51.43	44.85
	1.00E-03	96.61	98.15	98.28	98.13	98.41
	1.00E-04	95.76	99.13	99.11	99.17	99.15

	1.00E-05	90.30	98.69	98.87	98.76	99.02
ShuffleNet_V2_X0_5						
	lr \ wd	1.00E-03	1.00E-04	1.00E-05	1.00E-06	0
SGD / Step	1.00E-01	97.78	98.43	98.30	98.50	98.52
	1.00E-02	98.06	97.96	97.83	97.91	97.96
	1.00E-03	71.30	73.67	72.28	73.65	71.13
	1.00E-04	33.81	33.31	36.00	33.19	36.17
SGD / Cosine	1.00E-01	98.28	98.48	98.46	98.52	98.46
	1.00E-02	97.80	97.87	97.80	97.94	97.72
	1.00E-03	66.33	73.09	72.59	74.37	65.70
	1.00E-04	26.28	36.98	33.09	41.63	35.74
Adam / Cosine	1.00E-02	97.96	98.33	98.19	98.31	98.19
	1.00E-03	98.50	98.50	98.56	98.50	98.52
	1.00E-04	97.76	97.67	97.19	97.22	97.43
	1.00E-05	56.04	73.46	72.15	73.69	75.65
SqueezeNet1_1						
	lr \ wd	1.00E-03	1.00E-04	1.00E-05	1.00E-06	0
SGD / Step	1.00E-01	11.11	11.11	11.11	11.11	11.11
	1.00E-02	97.39	11.11	11.11	96.65	97.31
	1.00E-03	97.33	97.87	97.59	97.44	97.69
	1.00E-04	95.69	95.76	95.67	95.44	94.96
SGD / Cosine	1.00E-01	11.11	11.11	11.11	11.11	11.11
	1.00E-02	96.67	11.13	95.04	97.57	96.15
	1.00E-03	97.74	97.72	97.63	97.85	97.91
	1.00E-04	95.56	95.93	95.24	95.56	95.76
Adam / Cosine	1.00E-02	11.11	86.63	84.09	11.11	86.37

	1.00E-03	93.98	97.80	98.07	97.81	97.91
	1.00E-04	88.17	97.46	97.67	97.69	97.89
	1.00E-05	70.06	92.28	94.98	95.17	95.02