

ResNet 50						
	lr \ wd	1.00E-03	1.00E-04	1.00E-05	1.00E-06	0
SGD / Step	1.00E-01	82.41	82.92	74.91	84.39	80.35
	1.00E-02	86.36	86.36	85.89	85.93	85.65
	1.00E-03	85.82	85.65	85.82	85.58	85.93
	1.00E-04	78.71	78.76	78.74	79.02	78.81
SGD / Cosine	1.00E-01	85.09	83.83	78.83	77.78	85.16
	1.00E-02	85.96	86.10	85.61	85.65	85.82
	1.00E-03	85.56	85.98	85.93	86.03	85.84
	1.00E-04	78.74	78.39	78.34	78.60	78.25
Adam / Cosine	1.00E-02	84.36	85.48	84.90	84.36	85.25
	1.00E-03	87.75	87.61	87.07	87.30	87.70
	1.00E-04	87.12	86.63	86.63	86.49	86.60
	1.00E-05	86.79	86.18	86.39	85.92	86.58
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	0.00	0.00	61.50	0.00	0.00
	1.00E-03	80.93	81.50	81.31	81.29	80.91
	1.00E-04	76.85	77.03	77.29	77.22	76.89
SGD / Cosine	1.00E-01	0.00	0.00	0.00	0.00	0.00
	1.00E-02	0.00	0.00	0.00	0.00	0.00
	1.00E-03	81.21	81.21	81.12	81.38	81.29
	1.00E-04	77.24	77.55	77.36	76.78	77.31
Adam / Cosine	1.00E-02	61.52	61.52	61.52	61.52	61.52
	1.00E-03	79.85	61.52	61.52	80.22	61.52
	1.00E-04	82.49	82.58	82.02	81.97	82.02
	1.00E-05	75.89	81.06	80.22	80.24	80.10

VGG13BN						
	lr \ wd	1.00E-03	1.00E-04	1.00E-05	1.00E-06	0
SGD / Step	1.00E-01	87.48	87.80	88.48	87.90	88.06
	1.00E-02	86.89	87.27	87.06	87.41	86.82
	1.00E-03	86.94	86.94	86.89	86.96	86.78
	1.00E-04	81.40	81.73	81.85	81.52	81.75
SGD / Cosine	1.00E-01	88.25	87.71	87.62	87.36	87.78
	1.00E-02	86.80	87.29	86.92	86.50	87.03
	1.00E-03	86.96	87.22	86.85	86.64	87.06
	1.00E-04	81.61	81.73	81.12	81.26	81.45
Adam / Cosine	1.00E-02	86.16	80.15	76.03	61.52	66.94
	1.00E-03	88.73	88.50	87.84	87.94	88.12
	1.00E-04	87.47	87.47	87.35	87.07	87.49
	1.00E-05	87.65	86.95	86.70	86.79	86.72
PNASNet5						
	lr \ wd	1.00E-03	1.00E-04	1.00E-05	1.00E-06	0
SGD / Step	1.00E-01	86.87	85.84	86.50	86.14	86.14
	1.00E-02	85.61	84.46	83.79	84.32	84.77
	1.00E-03	82.83	82.55	82.92	82.59	82.87
	1.00E-04	74.25	74.65	74.16	74.74	73.76
SGD / Cosine	1.00E-01	85.79	86.68	86.59	86.38	86.64
	1.00E-02	84.81	85.12	85.02	84.84	84.49
	1.00E-03	82.29	82.45	82.59	82.92	82.45
	1.00E-04	74.37	74.56	74.04	74.07	74.35
Adam / Cosine	1.00E-02	86.65	83.40	87.05	87.47	86.88
	1.00E-03	86.67	86.98	86.95	86.93	87.40
	1.00E-04	85.60	86.28	86.42	86.25	86.06
	1.00E-05	82.49	84.64	84.57	84.62	84.71

Resnet152						
	lr \ wd	1.00E-03	1.00E-04	1.00E-05	1.00E-06	0
SGD / Step	1.00E-01	81.29	81.24	73.01	77.08	74.77
	1.00E-02	85.35	86.12	85.44	85.82	85.19
	1.00E-03	85.56	85.37	84.98	85.40	85.16
	1.00E-04	78.62	78.86	78.90	78.86	78.57
SGD / Cosine	1.00E-01	82.17	76.71	79.44	76.99	77.22
	1.00E-02	86.10	85.54	86.03	85.70	85.75
	1.00E-03	85.58	85.21	85.37	85.23	85.54
	1.00E-04	79.46	79.14	78.74	78.74	79.04
Adam / Cosine	1.00E-02	84.26	83.24	85.20	84.94	84.05
	1.00E-03	87.75	87.49	87.33	87.51	87.51
	1.00E-04	87.19	86.53	86.58	86.21	86.79
	1.00E-05	86.21	86.11	86.16	86.42	86.37
MobileNetV3 Small						
	lr \ wd	1.00E-03	1.00E-04	1.00E-05	1.00E-06	0
SGD / Step	1.00E-01	84.45	85.27	84.99	84.90	84.90
	1.00E-02	84.69	84.45	84.62	84.57	84.57
	1.00E-03	84.10	83.94	83.63	83.63	83.77
	1.00E-04	73.25	72.64	73.11	73.07	72.50
SGD / Cosine	1.00E-01	85.13	84.43	84.01	84.45	84.12
	1.00E-02	84.52	84.01	84.36	84.05	84.31
	1.00E-03	84.01	83.68	83.91	83.80	84.05
	1.00E-04	73.14	72.97	73.14	72.64	73.28
Adam / Cosine	1.00E-02	85.81	85.62	85.29	85.34	85.71
	1.00E-03	84.80	83.56	84.17	84.12	84.15
	1.00E-04	68.86	84.78	84.48	84.43	84.76
	1.00E-05	62.03	80.80	81.65	81.23	80.92

DeiT Tiny						
	lr \ wd	1.00E-03	1.00E-04	1.00E-05	1.00E-06	0
SGD / Step	1.00E-01	61.50	61.50	61.50	61.52	63.08
	1.00E-02	84.93	84.46	84.51	84.49	84.86
	1.00E-03	85.86	85.49	85.56	85.96	85.91
	1.00E-04	84.18	84.21	83.53	84.14	84.21
SGD / Cosine	1.00E-01	61.50	61.50	66.40	61.50	61.50
	1.00E-02	84.44	84.44	84.21	83.88	84.35
	1.00E-03	85.51	85.82	85.37	85.21	85.63
	1.00E-04	83.60	83.43	84.25	83.90	83.81
Adam / Cosine	1.00E-02	66.85	62.87	61.66	62.33	62.73
	1.00E-03	77.55	82.18	82.32	81.18	82.09
	1.00E-04	81.93	85.88	85.85	86.04	85.76
	1.00E-05	72.57	84.66	85.74	85.34	85.90
DeiT Small						
	lr \ wd	1.00E-03	1.00E-04	1.00E-05	1.00E-06	0
SGD / Step	1.00E-01	0.00	0.00	61.50	61.50	0.00
	1.00E-02	85.26	85.51	85.19	85.35	85.00
	1.00E-03	85.98	86.64	86.61	86.75	87.06
	1.00E-04	84.11	83.88	83.88	84.37	84.07
SGD / Cosine	1.00E-01	61.52	0.00	61.50	0.00	64.21
	1.00E-02	85.56	85.23	85.30	85.42	85.21
	1.00E-03	86.50	86.19	86.68	86.29	86.21
	1.00E-04	83.95	84.02	84.18	84.00	84.09
Adam / Cosine	1.00E-02	67.22	62.82	63.34	61.54	61.68
	1.00E-03	78.63	81.79	82.74	82.18	81.53
	1.00E-04	83.75	85.88	86.23	86.04	86.65

	1.00E-05	78.75	86.42	86.70	87.12	86.70
ShuffleNet_V2_X0_5						
	lr \ wd	1.00E-03	1.00E-04	1.00E-05	1.00E-06	0
SGD / Step	1.00E-01	84.12	85.15	85.18	85.36	85.43
	1.00E-02	82.93	82.39	82.49	82.42	82.42
	1.00E-03	61.52	61.52	61.52	61.52	61.52
	1.00E-04	61.52	61.52	61.52	61.52	61.52
SGD / Cosine	1.00E-01	85.18	85.29	85.18	85.20	85.15
	1.00E-02	82.65	82.65	82.46	82.74	82.77
	1.00E-03	61.52	61.52	61.52	61.52	61.52
	1.00E-04	61.52	61.52	61.52	61.52	61.52
Adam / Cosine	1.00E-02	84.94	85.50	85.27	85.25	85.53
	1.00E-03	85.64	85.18	85.13	84.36	84.19
	1.00E-04	82.98	81.20	80.90	80.87	80.66
	1.00E-05	61.94	65.91	65.65	65.96	65.49
SqueezeNet1_1						
	lr \ wd	1.00E-03	1.00E-04	1.00E-05	1.00E-06	0
SGD / Step	1.00E-01	5.07	5.07	5.07	5.07	5.07
	1.00E-02	79.42	5.07	82.53	81.37	79.54
	1.00E-03	84.45	84.24	83.68	83.87	84.12
	1.00E-04	78.84	78.23	79.31	78.12	79.24
SGD / Cosine	1.00E-01	5.07	5.07	5.07	5.07	5.07
	1.00E-02	5.07	81.11	5.07	5.07	84.05
	1.00E-03	84.05	84.22	84.17	83.75	84.29
	1.00E-04	79.49	79.40	80.13	79.87	79.05
Adam / Cosine	1.00E-02	70.77	70.24	68.62	61.52	61.52
	1.00E-03	72.06	85.15	85.08	85.15	84.59

	1.00E-04	70.94	83.89	83.91	84.22	84.03
	1.00E-05	62.31	77.06	79.35	77.76	79.03