

ResNet 50						
	lr \ wd	1.00E-03	1.00E-04	1.00E-05	1.00E-06	0
SGD / Step	1.00E-01	0.4107 / 0.4096	0.5778 / 0.6015	0.6034 / 0.5650	0.6146 / 0.5566	0.6129 / 0.5939
	1.00E-02	0.3096 / 0.3184	0.3049 / 0.3034	0.3032 / 0.3066	0.3041 / 0.3006	0.3024 / 0.3057
	1.00E-03	0.0826 / 0.0884	0.0950 / 0.0943	0.0892 / 0.0889	0.0945 / 0.0961	0.0920 / 0.0946
	1.00E-04	0.0311 / 0.0319	0.0324 / 0.0329	0.0321 / 0.0321	0.0309 / 0.0314	0.0332 / 0.0344
SGD / Cosine	1.00E-01	0.4356 / 0.4303	0.6189 / 0.5747	0.6207 / 0.6040	0.5963 / 0.5690	0.6233 / 0.5931
	1.00E-02	0.3119 / 0.3067	0.3061 / 0.3023	0.3020 / 0.3075	0.2957 / 0.3045	0.3033 / 0.3019
	1.00E-03	0.0877 / 0.0890	0.0887 / 0.0852	0.0879 / 0.0923	0.0838 / 0.0842	0.0878 / 0.0852
	1.00E-04	0.0311 / 0.0322	0.0318 / 0.0320	0.0294 / 0.0292	0.0341 / 0.0351	0.0310 / 0.0312
Adam / Cosine	1.00E-02	0.4899 / 0.4877	0.4725 / 0.4479	0.4819 / 0.4576	0.4356 / 0.4243	0.4263 / 0.4461
	1.00E-03	0.6092 / 0.6088	0.6683 / 0.6439	0.6718 / 0.6502	0.6656 / 0.6397	0.6540 / 0.6544
	1.00E-04	0.5209 / 0.5203	0.6585 / 0.6109	0.6627 / 0.6404	0.6615 / 0.6468	0.6370 / 0.6507
	1.00E-05	0.0256 / 0.0253	0.4405 / 0.4282	0.4298 / 0.4240	0.4379 / 0.4266	0.4528 / 0.4282
AlexNet						
	lr \ wd	1.00E-03	1.00E-04	1.00E-05	1.00E-06	0
SGD / Step	1.00E-01	0.1069 / 0.1078	0.2957 / 0.2805	0.2956 / 0.3058	0.2918 / 0.2955	0.2916 / 0.2882
	1.00E-02	0.1988 / 0.1938	0.2064 / 0.1967	0.1927 / 0.1924	0.1978 / 0.1864	0.1892 / 0.1830
	1.00E-03	0.0970 / 0.0980	0.0877 / 0.0905	0.1041 / 0.0971	0.0902 / 0.0903	0.1002 / 0.0984
	1.00E-04	0.0466 / 0.0458	0.0461 / 0.0480	0.0474 / 0.0484	0.0418 / 0.0429	0.0449 / 0.0453
SGD / Cosine	1.00E-01	0.1049 / 0.1060	0.2841 / 0.2811	0.2873 / 0.2870	0.2928 / 0.2960	0.2798 / 0.2756
	1.00E-02	0.1951 / 0.1903	0.1963 / 0.1908	0.1941 / 0.1901	0.1939 / 0.1943	0.2029 / 0.1981
	1.00E-03	0.0914 / 0.0852	0.0960 / 0.0922	0.0947 / 0.0983	0.0955 / 0.0990	0.0987 / 0.0950
	1.00E-04	0.0477 / 0.0465	0.0455 / 0.0474	0.0439 / 0.0453	0.0489 / 0.0528	0.0482 / 0.0486
Adam / Cosine	1.00E-02	0.0209 / 0.0209	0.0209 / 0.0209	0.0209 / 0.0209	0.0209 / 0.0209	0.0209 / 0.0209
	1.00E-03	0.2912 / 0.2916	0.2926 / 0.2869	0.0209 / 0.0209	0.0209 / 0.0209	0.2966 / 0.2995
	1.00E-04	0.2582 / 0.2638	0.3842 / 0.3400	0.3846 / 0.3699	0.3743 / 0.3799	0.3472 / 0.3531
	1.00E-05	0.0448 / 0.0471	0.2265 / 0.2167	0.2173 / 0.2119	0.2243 / 0.2276	0.2220 / 0.2166

VGG13BN						
	lr \ wd	1.00E-03	1.00E-04	1.00E-05	1.00E-06	0
SGD / Step	1.00E-01	0.4395 / 0.4282	0.5941 / 0.5228	0.5961 / 0.5271	0.5901 / 0.5564	0.5919 / 0.5630
	1.00E-02	0.3251 / 0.3163	0.3305 / 0.3190	0.3251 / 0.3212	0.3264 / 0.3175	0.3247 / 0.3179
	1.00E-03	0.1281 / 0.1245	0.1286 / 0.1296	0.1283 / 0.1262	0.1249 / 0.1177	0.1245 / 0.1265
	1.00E-04	0.0390 / 0.0371	0.0392 / 0.0395	0.0398 / 0.0426	0.0380 / 0.0385	0.0362 / 0.0377
SGD / Cosine	1.00E-01	0.4539 / 0.4418	0.6016 / 0.5489	0.6012 / 0.5439	0.5910 / 0.5394	0.6009 / 0.5454
	1.00E-02	0.3198 / 0.3178	0.3317 / 0.3290	0.3298 / 0.3169	0.3211 / 0.3092	0.3204 / 0.3181
	1.00E-03	0.1270 / 0.1232	0.1336 / 0.1229	0.1298 / 0.1258	0.1304 / 0.1241	0.1241 / 0.1216
	1.00E-04	0.0336 / 0.0375	0.0372 / 0.0366	0.0357 / 0.0354	0.0368 / 0.0356	0.0378 / 0.0398
Adam / Cosine	1.00E-02	0.2723 / 0.2578	0.0391 / 0.0401	0.1128 / 0.1091	0.0384 / 0.0391	0.0689 / 0.0691
	1.00E-03	0.6368 / 0.5927	0.6396 / 0.6058	0.5851 / 0.5734	0.6010 / 0.5566	0.6018 / 0.5618
	1.00E-04	0.6356 / 0.6414	0.6749 / 0.6590	0.6794 / 0.6493	0.6681 / 0.6298	0.6559 / 0.6399
	1.00E-05	0.2732 / 0.2646	0.3785 / 0.3724	0.3722 / 0.3683	0.3665 / 0.3903	0.3703 / 0.3932
PNASNet5						
	lr \ wd	1.00E-03	1.00E-04	1.00E-05	1.00E-06	0
SGD / Step	1.00E-01	0.3496 / 0.3317	0.5325 / 0.5073	0.5153 / 0.5009	0.5057 / 0.4673	0.5220 / 0.4721
	1.00E-02	0.2551 / 0.2522	0.2271 / 0.2154	0.2244 / 0.2123	0.2253 / 0.2197	0.2344 / 0.2282
	1.00E-03	0.0761 / 0.0733	0.0834 / 0.0784	0.0785 / 0.0836	0.0763 / 0.0800	0.0776 / 0.0785
	1.00E-04	0.0316 / 0.0294	0.0301 / 0.0316	0.0299 / 0.0289	0.0309 / 0.0313	0.0293 / 0.0297
SGD / Cosine	1.00E-01	0.3651 / 0.3532	0.5437 / 0.5211	0.5154 / 0.4866	0.5054 / 0.4900	0.4977 / 0.4687
	1.00E-02	0.2573 / 0.2471	0.2252 / 0.2233	0.2266 / 0.2149	0.2214 / 0.2152	0.2265 / 0.2122
	1.00E-03	0.0747 / 0.0770	0.0713 / 0.0764	0.0715 / 0.0747	0.0735 / 0.0728	0.0708 / 0.0722
	1.00E-04	0.0312 / 0.0322	0.0334 / 0.0334	0.0314 / 0.0316	0.0312 / 0.0342	0.0307 / 0.0334
Adam / Cosine	1.00E-02	0.5437 / 0.5627	0.5376 / 0.5302	0.5188 / 0.4895	0.4593 / 0.4503	0.4277 / 0.4279
	1.00E-03	0.6881 / 0.6785	0.6816 / 0.6521	0.6941 / 0.6873	0.6886 / 0.6717	0.6763 / 0.6599
	1.00E-04	0.4398 / 0.4397	0.6409 / 0.6448	0.6435 / 0.6144	0.6165 / 0.6162	0.6335 / 0.6242
	1.00E-05	0.0209 / 0.0209	0.4505 / 0.4407	0.4317 / 0.4143	0.4375 / 0.4100	0.4374 / 0.4331

Resnet152						
	lr \ wd	1.00E-03	1.00E-04	1.00E-05	1.00E-06	0
SGD / Step	1.00E-01	0.4077 / 0.3993	0.5765 / 0.5696	0.5879 / 0.5584	0.5856 / 0.5421	0.5733 / 0.5396
	1.00E-02	0.3158 / 0.3143	0.3121 / 0.3063	0.3117 / 0.3112	0.3123 / 0.3124	0.2957 / 0.2963
	1.00E-03	0.0965 / 0.0996	0.1011 / 0.1011	0.0969 / 0.0959	0.1035 / 0.1027	0.1010 / 0.0969
	1.00E-04	0.0335 / 0.0342	0.0332 / 0.0345	0.0296 / 0.0297	0.0322 / 0.0331	0.0351 / 0.0346
SGD / Cosine	1.00E-01	0.4248 / 0.4284	0.5719 / 0.5876	0.5710 / 0.5480	0.5860 / 0.5508	0.6018 / 0.5570
	1.00E-02	0.3144 / 0.3132	0.3126 / 0.3076	0.3050 / 0.3063	0.3064 / 0.3042	0.3078 / 0.3097
	1.00E-03	0.0914 / 0.0996	0.0974 / 0.1010	0.1026 / 0.0982	0.0962 / 0.0919	0.1028 / 0.1007
	1.00E-04	0.0347 / 0.0352	0.0277 / 0.0291	0.0343 / 0.0351	0.0325 / 0.0342	0.0354 / 0.0358
Adam / Cosine	1.00E-02	0.4609 / 0.4665	0.3658 / 0.3695	0.4213 / 0.4251	0.3374 / 0.3329	0.4380 / 0.4720
	1.00E-03	0.6115 / 0.6233	0.6571 / 0.6157	0.6544 / 0.6422	0.6363 / 0.6228	0.6732 / 0.6505
	1.00E-04	0.5356 / 0.5254	0.6182 / 0.6039	0.6349 / 0.6013	0.6456 / 0.6236	0.6202 / 0.6316
	1.00E-05	0.0292 / 0.0285	0.4648 / 0.4427	0.4711 / 0.4573	0.4685 / 0.4450	0.4598 / 0.4357
MobileNetV3 Small						
	lr \ wd	1.00E-03	1.00E-04	1.00E-05	1.00E-06	0
SGD / Step	1.00E-01	0.0460 / 0.0489	0.3649 / 0.3644	0.3952 / 0.3689	0.4012 / 0.3849	0.3825 / 0.3804
	1.00E-02	0.1561 / 0.1540	0.1735 / 0.1694	0.1805 / 0.1767	0.1772 / 0.1759	0.1811 / 0.1819
	1.00E-03	0.0698 / 0.0724	0.0612 / 0.0615	0.0618 / 0.0602	0.0630 / 0.0639	0.0585 / 0.0610
	1.00E-04	0.0411 / 0.0459	0.0455 / 0.0483	0.0431 / 0.0444	0.0490 / 0.0405	0.0431 / 0.0379
SGD / Cosine	1.00E-01	0.0550 / 0.0547	0.3798 / 0.3822	0.4169 / 0.3816	0.3974 / 0.3795	0.3876 / 0.3705
	1.00E-02	0.1570 / 0.1499	0.1803 / 0.1768	0.1713 / 0.1676	0.1811 / 0.1811	0.1819 / 0.1781
	1.00E-03	0.0567 / 0.0580	0.0606 / 0.0633	0.0610 / 0.0613	0.0618 / 0.0657	0.0612 / 0.0611
	1.00E-04	0.0450 / 0.0466	0.0381 / 0.0431	0.0444 / 0.0422	0.0474 / 0.0474	0.0481 / 0.0492
Adam / Cosine	1.00E-02	0.5261 / 0.5124	0.6086 / 0.5771	0.6011 / 0.5544	0.5785 / 0.5724	0.6096 / 0.5658
	1.00E-03	0.4112 / 0.3919	0.6066 / 0.604	0.6051 / 0.5744	0.6108 / 0.5608	0.5999 / 0.5929
	1.00E-04	0.0560 / 0.0588	0.4531 / 0.4085	0.4512 / 0.4416	0.4492 / 0.4314	0.4550 / 0.4412
	1.00E-05	0.0209 / 0.0209	0.1622 / 0.1560	0.1747 / 0.1800	0.1799 / 0.1799	0.1692 / 0.1787

DeiT Tiny						
	lr \ wd	1.00E-03	1.00E-04	1.00E-05	1.00E-06	0
SGD / Step	1.00E-01	0.0532 / 0.0539	0.5017 / 0.4673	0.4857 / 0.4876	0.5019 / 0.4730	0.4992 / 0.4915
	1.00E-02	0.2739 / 0.2604	0.3169 / 0.3083	0.3336 / 0.3195	0.3244 / 0.3191	0.3448 / 0.3380
	1.00E-03	0.1263 / 0.1240	0.1397 / 0.1385	0.1138 / 0.1132	0.1290 / 0.1188	0.1284 / 0.1339
	1.00E-04	0.0387 / 0.0390	0.0396 / 0.0414	0.0336 / 0.0355	0.0343 / 0.0359	0.0332 / 0.0345
SGD / Cosine	1.00E-01	0.0576 / 0.0559	0.5068 / 0.4632	0.4962 / 0.4808	0.5387 / 0.5119	0.4977 / 0.4844
	1.00E-02	0.2723 / 0.2637	0.3446 / 0.3255	0.3291 / 0.3231	0.3345 / 0.3305	0.3246 / 0.3128
	1.00E-03	0.1206 / 0.1255	0.1269 / 0.1371	0.1247 / 0.1295	0.1304 / 0.1331	0.1064 / 0.1062
	1.00E-04	0.0371 / 0.0385	0.0317 / 0.0342	0.0380 / 0.0406	0.0393 / 0.0411	0.0343 / 0.0351
Adam / Cosine	1.00E-02	0.2721 / 0.2724	0.0832 / 0.0765	0.0629 / 0.0620	0.0822 / 0.0804	0.0722 / 0.0711
	1.00E-03	0.2668 / 0.2555	0.5237 / 0.5056	0.4927 / 0.5205	0.5170 / 0.4651	0.5147 / 0.4828
	1.00E-04	0.0555 / 0.0567	0.5777 / 0.5358	0.5628 / 0.4997	0.5571 / 0.5285	0.5407 / 0.5073
	1.00E-05	0.0209 / 0.0209	0.2881 / 0.2686	0.3545 / 0.3604	0.3408 / 0.3290	0.3368 / 0.3336
DeiT Small						
	lr \ wd	1.00E-03	1.00E-04	1.00E-05	1.00E-06	0
SGD / Step	1.00E-01	0.0488 / 0.0502	0.4905 / 0.5035	0.4874 / 0.4676	0.5230 / 0.5147	0.5185 / 0.5050
	1.00E-02	0.2780 / 0.2703	0.3349 / 0.3321	0.3435 / 0.3159	0.3338 / 0.3275	0.3304 / 0.3301
	1.00E-03	0.1331 / 0.1320	0.1212 / 0.1223	0.1240 / 0.1170	0.1330 / 0.1373	0.1354 / 0.1388
	1.00E-04	0.0371 / 0.0392	0.0366 / 0.0360	0.0351 / 0.0345	0.0363 / 0.0364	0.0387 / 0.0391
SGD / Cosine	1.00E-01	0.0502 / 0.0500	0.4988 / 0.4759	0.5163 / 0.4530	0.5081 / 0.4624	0.5329 / 0.5072
	1.00E-02	0.2849 / 0.2643	0.3425 / 0.3311	0.3424 / 0.3403	0.3417 / 0.3473	0.3342 / 0.3294
	1.00E-03	0.1185 / 0.1189	0.1204 / 0.1267	0.1340 / 0.1350	0.1275 / 0.1269	0.1383 / 0.1340
	1.00E-04	0.0353 / 0.0365	0.0368 / 0.0371	0.0372 / 0.0394	0.0373 / 0.0383	0.0349 / 0.0342
Adam / Cosine	1.00E-02	0.2451 / 0.2363	0.0844 / 0.0831	0.0744 / 0.0748	0.0819 / 0.0826	0.0587 / 0.0627
	1.00E-03	0.2839 / 0.2748	0.5357 / 0.5253	0.5048 / 0.4706	0.5425 / 0.5333	0.5446 / 0.5231
	1.00E-04	0.0697 / 0.0725	0.6148 / 0.5959	0.5812 / 0.5881	0.5819 / 0.5627	0.6009 / 0.5650

	1.00E-05	0.0209 / 0.0209	0.3388 / 0.3388	0.4029 / 0.3996	0.4090 / 0.4386	0.4275 / 0.4131
Inception-ResNet v2						
	lr \ wd	1.00E-03	1.00E-04	1.00E-05	1.00E-06	0
SGD / Step	1.00E-01	0.2170/0.2105	0.4590/0.4339	0.4937/0.4904	0.4891/0.4438	0.4709/0.4672
	1.00E-02	0.1042/0.0985	0.1303/0.1252	0.1214/0.1219	0.1099/0.1114	0.1226/0.1175
	1.00E-03	0.0320/0.0324	0.0312/0.0325	0.0326/0.0331	0.0324/0.0345	0.0301/0.0326
	1.00E-04	0.0266/0.0274	0.0238/0.0242	0.0249/0.0241	0.0223/0.0221	0.0240/0.0245
SGD / Cosine	1.00E-01	0.2305/0.2206	0.4650/0.4479	0.4803/0.4676	0.4899/0.4646	0.4876/0.4821
	1.00E-02	0.1037/0.0991	0.1281/0.1246	0.1217/0.1166	0.1364/0.1383	0.1208/0.1237
	1.00E-03	0.0323/0.0340	0.0347/0.0338	0.0308/0.0316	0.0311/0.0329	0.0335/0.0344
	1.00E-04	0.0272/0.0261	0.0237/0.0238	0.0248/0.0248	0.0225/0.0224	0.0243/0.0233
Adam / Cosine	1.00E-02	0.5383/0.5326	0.4956/0.4962	0.4259/0.4134	0.3627/0.3535	0.4471/0.4588
	1.00E-03	0.6752/0.6496	0.6882/0.6515	0.6735/0.6581	0.6856/0.6256	0.6804/0.6572
	1.00E-04	0.3942/0.3953	0.5760/0.5504	0.5896/0.5547	0.5681/0.5570	0.5623/0.5776
	1.00E-05	0.0209/0.0209	0.2573/0.2443	0.2864/0.2690	0.2862/0.2759	0.2889/0.2832
VGG-16 BN						
	lr \ wd	1.00E-03	1.00E-04	1.00E-05	1.00E-06	0
SGD / Step	1.00E-01	0.4479/0.4404	0.5897/0.5743	0.5495/0.5401	0.5696/0.5314	0.5658/0.5684
	1.00E-02	0.3484/0.3419	0.3431/0.3362	0.3433/0.3373	0.3332/0.3338	0.3312/0.3266
	1.00E-03	0.1122/0.1079	0.1192/0.1164	0.1177/0.1176	0.1217/0.1136	0.1299/0.1204
	1.00E-04	0.0362/0.0370	0.0318/0.0350	0.0402/0.0410	0.0339/0.0369	0.0342/0.0335
SGD / Cosine	1.00E-01	0.4735/0.4615	0.5910/0.5566	0.5595/0.5779	0.5841/0.5322	0.5885/0.5723
	1.00E-02	0.3423/0.3428	0.3393/0.3342	0.3352/0.3321	0.3421/0.3364	0.3373/0.3365
	1.00E-03	0.1153/0.1119	0.1189/0.1168	0.1203/0.1164	0.1187/0.1184	0.1217/0.1114
	1.00E-04	0.0341/0.0350	0.0354/0.0372	0.0367/0.0355	0.0335/0.0351	0.0381/0.0380
Adam / Cosine	1.00E-02	0.2066/0.2036	0.0374/0.0397	0.0477/0.0489	0.0209/0.0209	0.0209/0.0209
	1.00E-03	0.5336/0.5377	0.5605/0.5318	0.4898/0.4770	0.5433/0.4867	0.5391/0.5293

	1.00E-04	0.6522/0.6343	0.6586/0.6374	0.6690/0.6447	0.6791/0.6503	0.6760/0.6538
	1.00E-05	0.2803/0.2823	0.4648/0.4538	0.4367/0.4445	0.4396/0.4411	0.4293/0.4238
EfficientNet B0						
	lr \ wd	1.00E-03	1.00E-04	1.00E-05	1.00E-06	0
SGD / Step	1.00E-01	0.3650/0.3578	0.4755/0.4519	0.4779/0.4294	0.4363/0.4303	0.4637/0.4289
	1.00E-02	0.2068/0.1982	0.1942/0.1798	0.1632/0.1515	0.1792/0.1800	0.1932/0.1905
	1.00E-03	0.0803/0.0798	0.0818/0.0820	0.0762/0.0771	0.0709/0.0748	0.0774/0.0746
	1.00E-04	0.0525/0.0480	0.0500/0.0492	0.0601/0.0562	0.0565/0.0500	0.0567/0.0573
SGD / Cosine	1.00E-01	0.3904/0.3942	0.4825/0.4468	0.4523/0.4601	0.4467/0.4568	0.4941/0.4520
	1.00E-02	0.2202/0.1977	0.1908/0.1875	0.1819/0.1641	0.1843/0.1743	0.1692/0.1673
	1.00E-03	0.0728/0.0811	0.0786/0.0770	0.0793/0.0735	0.0799/0.0800	0.0732/0.0758
	1.00E-04	0.0478/0.0426	0.0551/0.0564	0.0563/0.0577	0.0512/0.0518	0.0517/0.0519
Adam / Cosine	1.00E-02	0.5242/0.5128	0.6493/0.5415	0.6282/0.5743	0.5838/0.5642	0.6026/0.5860
	1.00E-03	0.5312/0.5755	0.6832/0.6652	0.6735/0.6461	0.6942/0.6467	0.6812/0.6333
	1.00E-04	0.4056/0.4008	0.5413/0.5474	0.5074/0.5275	0.5158/0.4879	0.5066/0.4992
	1.00E-05	0.0985/0.1031	0.2040/0.2025	0.1679/0.1627	0.1669/0.1640	0.1661/0.1583
EfficientNet B4						
	lr \ wd	1.00E-03	1.00E-04	1.00E-05	1.00E-06	0
SGD / Step	1.00E-01	0.3590/0.3463	0.1562/0.1518	0.1281/0.1250	0.1343/0.1306	0.1261/0.1246
	1.00E-02	0.0516/0.0538	0.0521/0.0547	0.0535/0.0503	0.0579/0.0577	0.0520/0.0506
	1.00E-03	0.0408/0.0438	0.0476/0.0468	0.0497/0.0617	0.0411/0.0374	0.0404/0.0535
	1.00E-04	0.0372/0.0344	0.0338/0.0284	0.0342/0.0328	0.0286/0.0302	0.0312/0.0325
SGD / Cosine	1.00E-01	0.3776/0.3674	0.1591/0.1472	0.1242/0.1189	0.1264/0.1166	0.1219/0.1217
	1.00E-02	0.0587/0.0612	0.0537/0.0555	0.0536/0.0536	0.0535/0.0543	0.0586/0.0557
	1.00E-03	0.0427/0.0399	0.0444/0.0477	0.0405/0.0424	0.0421/0.0436	0.0482/0.0454
	1.00E-04	0.0319/0.0302	0.0361/0.0286	0.0374/0.0377	0.0297/0.0317	0.0340/0.0370
Adam / Cosine	1.00E-02	0.6497/0.6190	0.6829/0.6752	0.6954/0.6458	0.6842/0.6600	0.6802/0.6664

		1.00E-03	0.6602/0.6408	0.6662/0.6173	0.6385/0.6308	0.6217/0.6175	0.6445/0.6234
		1.00E-04	0.5580/0.5372	0.4347/0.3836	0.3734/0.3961	0.3906/0.3500	0.3843/0.3711
		1.00E-05	0.1991/0.1976	0.1369/0.1298	0.0913/0.0929	0.0907/0.0840	0.0925/0.0860
DenseNet-121							
	lr \ wd	1.00E-03	1.00E-04	1.00E-05	1.00E-06	0	
SGD / Step	1.00E-01	0.4183/0.4132	0.6017/0.5768	0.5841/0.5258	0.5943/0.5474	0.6108/0.5245	
	1.00E-02	0.3166/0.3040	0.3092/0.3053	0.3103/0.2935	0.3038/0.2997	0.3041/0.3060	
	1.00E-03	0.1036/0.1048	0.1099/0.1037	0.1074/0.1052	0.1130/0.1124	0.1054/0.0993	
	1.00E-04	0.0360/0.0417	0.0394/0.0395	0.0422/0.0427	0.0406/0.0388	0.0427/0.0432	
SGD / Cosine	1.00E-01	0.4382/0.4300	0.5786/0.5802	0.5985/0.5756	0.5818/0.5633	0.5834/0.5703	
	1.00E-02	0.3129/0.3112	0.3060/0.3014	0.3052/0.3040	0.3043/0.2999	0.3116/0.3036	
	1.00E-03	0.1060/0.1000	0.1083/0.1093	0.1040/0.1042	0.1067/0.1055	0.1112/0.1061	
	1.00E-04	0.0381/0.0406	0.0417/0.0448	0.0416/0.0434	0.0383/0.0373	0.0370/0.0359	
Adam / Cosine	1.00E-02	0.5421/0.5111	0.4220/0.4199	0.4571/0.4638	0.4690/0.4751	0.4032/0.3903	
	1.00E-03	0.6412/0.6251	0.6912/0.6189	0.6905/0.6368	0.7019/0.6557	0.7008/0.6745	
	1.00E-04	0.4329/0.4267	0.6031/0.6052	0.6260/0.5976	0.6382/0.5835	0.6328/0.6059	
	1.00E-05	0.0209/0.0209	0.3630/0.3539	0.3464/0.3294	0.3525/0.3425	0.3547/0.3508	
ResNeXt-50-32x4d							
	lr \ wd	1.00E-03	1.00E-04	1.00E-05	1.00E-06	0	
SGD / Step	1.00E-01	0.4089/0.3975	0.6567/0.6385	0.6425/0.6117	0.6482/0.5962	0.6395/0.6164	
	1.00E-02	0.3586/0.3533	0.3489/0.3358	0.3488/0.3310	0.3567/0.3490	0.3464/0.3441	
	1.00E-03	0.1116/0.1100	0.1091/0.1022	0.1082/0.1068	0.1066/0.1085	0.1133/0.1076	
	1.00E-04	0.0349/0.0351	0.0338/0.0346	0.0336/0.0350	0.0310/0.0324	0.0329/0.0338	
SGD / Cosine	1.00E-01	0.4394/0.4306	0.6204/0.6174	0.6192/0.5876	0.6363/0.6353	0.6452/0.6253	
	1.00E-02	0.3549/0.3547	0.3537/0.3430	0.3550/0.3440	0.3497/0.3451	0.3472/0.3401	
	1.00E-03	0.1068/0.1007	0.1112/0.1090	0.1146/0.1125	0.1103/0.1100	0.1101/0.1050	
	1.00E-04	0.0341/0.0334	0.0328/0.0314	0.0333/0.0342	0.0312/0.0316	0.0330/0.0326	

Adam / Cosine	1.00E-02	0.4380/0.4240	0.4862/0.4868	0.4583/0.4784	0.4701/0.4802	0.4638/0.4615
	1.00E-03	0.6217/0.5844	0.6816/0.6671	0.6813/0.6729	0.6857/0.6530	0.6906/0.6654
	1.00E-04	0.5306/0.5272	0.6501/0.6315	0.6790/0.6493	0.6432/0.6303	0.6502/0.6317
	1.00E-05	0.0267/0.0259	0.4729/0.4507	0.4587/0.4429	0.4588/0.4440	0.4730/0.4665
ShuffleNet v2 x1.0						
	lr \ wd	1.00E-03	1.00E-04	1.00E-05	1.00E-06	0
SGD / Step	1.00E-01	0.2093/0.2103	0.1600/0.1652	0.1616/0.1652	0.1626/0.1647	0.1523/0.1495
	1.00E-02	0.0209/0.0209	0.0258/0.0267	0.0260/0.0269	0.0210/0.0210	0.0209/0.0209
	1.00E-03	0.0209/0.0209	0.0209/0.0209	0.0209/0.0209	0.0209/0.0209	0.0209/0.0209
	1.00E-04	0.0200/0.0180	0.0229/0.0207	0.0150/0.0160	0.0250/0.0225	0.0103/0.0111
SGD / Cosine	1.00E-01	0.2385/0.2374	0.1559/0.1599	0.1604/0.1655	0.1578/0.1609	0.1534/0.1536
	1.00E-02	0.0262/0.0278	0.0213/0.0206	0.0216/0.0220	0.0211/0.0211	0.0260/0.0283
	1.00E-03	0.0209/0.0209	0.0209/0.0209	0.0210/0.0211	0.0209/0.0209	0.0209/0.0209
	1.00E-04	0.0272/0.0263	0.0319/0.0322	0.0204/0.0209	0.0178/0.0192	0.0210/0.0209
Adam / Cosine	1.00E-02	0.5665/0.5091	0.6134/0.5425	0.5966/0.5693	0.5878/0.5715	0.6120/0.5829
	1.00E-03	0.5811/0.5964	0.6202/0.6037	0.5811/0.5658	0.5990/0.5707	0.6000/0.5483
	1.00E-04	0.3129/0.3041	0.3374/0.3331	0.3490/0.3426	0.3415/0.3423	0.3427/0.3439
	1.00E-05	0.0209/0.0209	0.0293/0.0288	0.0420/0.0419	0.0422/0.0427	0.0435/0.0441
ConvNext tiny						
	lr \ wd	1.00E-03	1.00E-04	1.00E-05	1.00E-06	0
SGD / Step	1.00E-01	0.0531/0.0547	0.4418/0.4631	0.4679/0.4717	0.4827/0.4770	0.4741/0.4674
	1.00E-02	0.1440/0.1421	0.2516/0.2446	0.2316/0.2170	0.2166/0.2160	0.2385/0.2249
	1.00E-03	0.0360/0.0365	0.0405/0.0414	0.0338/0.0353	0.0395/0.0370	0.0411/0.0419
	1.00E-04	0.0244/0.0240	0.0249/0.0250	0.0264/0.0254	0.0268/0.0230	0.0225/0.0234
SGD / Cosine	1.00E-01	0.0670/0.0658	0.4538/0.4548	0.4609/0.4420	0.4881/0.4894	0.4658/0.4682
	1.00E-02	0.1531/0.1513	0.2320/0.2264	0.2501/0.2369	0.2477/0.2433	0.2283/0.2233
	1.00E-03	0.0455/0.0454	0.0430/0.0415	0.0352/0.0366	0.0389/0.0381	0.0340/0.0350

		1.00E-04	0.0243/0.0228	0.0251/0.0250	0.0235/0.0234	0.0285/0.0283	0.0245/0.0233
Adam / Cosine		1.00E-02	0.0209/0.0209	0.0209/0.0209	0.0209/0.0209	0.0209/0.0209	0.0209/0.0209
		1.00E-03	0.5160/0.4703	0.6591/0.6543	0.6768/0.649	0.6668/0.6427	0.6992/0.6666
		1.00E-04	0.0526/0.0518	0.621/0.5855	0.6424/0.6231	0.6479/0.6314	0.6502/0.5969
		1.00E-05	0.0209/0.0209	0.3168/0.3026	0.3735/0.3640	0.3865/0.3820	0.3797/0.3746
ShuffleNet_V2_X0_5							
	lr \ wd		1.00E-03	1.00E-04	1.00E-05	1.00E-06	0
SGD / Step		1.00E-01	0.1258/0.1287	0.1201/0.1224	0.1238/0.128	0.1201/0.1196	0.1232/0.1242
		1.00E-02	0.0280/0.0293	0.0311/0.0322	0.0262/0.0274	0.0300/0.0313	0.0314/0.0329
		1.00E-03	0.0209/0.0209	0.0209/0.0209	0.0209/0.0209	0.0209/0.0209	0.0210/0.0209
		1.00E-04	0.0277/0.0282	0.0360/0.0388	0.0165/0.0173	0.0275/0.0311	0.0236/0.0235
SGD / Cosine		1.00E-01	0.1272/0.1284	0.1231/0.1249	0.1199/0.1232	0.1128/0.1150	0.1152/0.1165
		1.00E-02	0.0258/0.0269	0.0292/0.0296	0.0296/0.0308	0.0327/0.0336	0.0277/0.0290
		1.00E-03	0.0214/0.0211	0.0209/0.0209	0.0209/0.0209	0.0209/0.0209	0.0209/0.0209
		1.00E-04	0.0233/0.0226	0.0216/0.0222	0.0054/0.0092	0.0266/0.0257	0.0237/0.0259
Adam / Cosine		1.00E-02	0.4953/0.4717	0.5867/0.5679	0.5593/0.5595	0.5665/0.5460	0.5672/0.5367
		1.00E-03	0.5241/0.5172	0.5225/0.4952	0.5340/0.4676	0.5156/0.4931	0.5390/0.5002
		1.00E-04	0.2267/0.2254	0.2530/0.2477	0.2395/0.2364	0.2546/0.2506	0.2503/0.2450
		1.00E-05	0.0209/0.0209	0.0264/0.0286	0.0354/0.0362	0.0340/0.0354	0.0358/0.0366
SqueezeNet1_1							
	lr \ wd		1.00E-03	1.00E-04	1.00E-05	1.00E-06	0
SGD / Step		1.00E-01	0.0232/0.0233	0.0953/0.0952	0.1058/0.1045	0.1133/0.1167	0.0209/0.0209
		1.00E-02	0.0608/0.0603	0.1226/0.1208	0.1354/0.1382	0.1037/0.1086	0.1284/0.1269
		1.00E-03	0.0498/0.0485	0.0635/0.0628	0.0456/0.0455	0.0582/0.0574	0.0578/0.0558
		1.00E-04	0.0358/0.0362	0.0355/0.0386	0.0359/0.0377	0.0324/0.0346	0.0348/0.0346
SGD / Cosine		1.00E-01	0.0232/0.0233	0.0885/0.0914	0.0209/0.0209	0.025/0.0252	-1./-1.
		1.00E-02	0.0766/0.0793	0.1235/0.1232	0.1913/0.1818	0.1197/0.1180	0.1183/0.1228

	1.00E-03	0.0570/0.0619	0.0611/0.0619	0.0570/0.0567	0.0580/0.0641	0.0506/0.0529
	1.00E-04	0.0364/0.0371	0.0374/0.0376	0.0325/0.0336	0.0365/0.0373	0.0393/0.0398
Adam / Cosine	1.00E-02	0.0209/0.0209	0.0898/0.0957	0.0209/0.0209	0.0348/0.0367	0.0209/0.0209
	1.00E-03	0.0602/0.0621	0.3607/0.3412	0.3972/0.398	0.3476/0.3437	0.3669/0.3871
	1.00E-04	0.0367/0.0382	0.2856/0.2757	0.3042/0.3155	0.3212/0.2963	0.294/0.2835
	1.00E-05	0.0209/0.0209	0.0891/0.0888	0.1052/0.1017	0.1092/0.1094	0.0964/0.0959