

			Large Dataset (Sequential)					Large Dataset (Random)				
			W_F1	Ma_F1	Accu	MCC	Confu	W_F1	Ma_F1	Accu	MCC	Confu
ResNet	Unweighted	$lr=10^{-2}$	0.85	0.40	0.89	0.174	[[25635 589 222] [ 487 54 3] [ 2456 548 1843]]	0.92	0.48	0.93	0.270	[[28857 133 284] [ 687 148 77] [ 721 23 1463]]
		$lr=10^{-3}$	0.85	0.35	0.89	0.128	[[27970 23 163] [ 454 3 7] [ 2585 27 1483]]	0.92	0.45	0.94	0.236	[[27894 72 285] [ 767 91 54] [ 749 22 1353]]
	weighted	$lr=10^{-2}$	0.85	0.49	0.85	0.278	[[23821 685 1488] [ 226 284 37] [ 1672 335 773]]	0.90	0.49	0.89	0.298	[[25258 687 1429] [ 458 272 238] [ 457 32 373]]
		$lr=10^{-3}$	0.83	0.48	0.81	0.280	[[22315 1878 2573] [ 151 272 61] [ 1323 459 878]]	0.87	0.48	0.83	0.307	[[2333 1258 273] [ 273 375 285] [ 265 69 578]]
		$lr=10^{-3}$ , winter, summer	0.87	0.48	0.84	0.284	[[13795 478 1343] [ 171 239 64] [ 122 22 216]]	0.87	0.48	0.84	0.280	[[13891 682 1277] [ 118 144 79] [ 226 13 385]]
		$lr=10^{-3}$ , kernel=3	0.84	0.48	0.82	0.273	[[23812 884 2478] [ 151 272 61] [ 1397 488 963]]	0.87	0.47	0.83	0.286	[[25483 1146 273] [ 325 327 288] [ 389 61 534]]
		$lr=10^{-3}$ , stride=1	0.84	0.50	0.82	0.288	[[22808 857 2793] [ 134 275 55] [ 1396 383 983]]	0.87	0.49	0.83	0.318	[[23318 1188 2875] [ 238 374 288] [ 234 72 598]]
		$lr=10^{-3}$ , stride=1, kernel=3	0.84	0.50	0.81	<b>0.300</b>	[[22383 524 2659] [ 115 288 51] [ 1278 462 1843]]	0.88	0.50	0.85	<b>0.330</b>	[[23812 1121 2413] [ 281 354 297] [ 262 55 587]]
		$lr=10^{-2}$ , attention, w/o max, stride=2	0.83	0.48	0.81	0.270	[[22445 1245 2278] [ 145 282 29] [ 1452 451 987]]	0.88	0.48	0.85	0.299	[[24878 1894 2282] [ 359 319 264] [ 389 61 534]]
		$lr=10^{-2}$ , attention, w/o max, stride=1	0.82	0.45	0.79	0.240	[[22122 1271 2473] [ 158 238 89] [ 1485 528 833]]	0.79	0.40	0.71	0.228	[[18894 1632 1848] [ 248 138 442] [ 167 2 733]]
		$lr=10^{-2}$ , attention, stride=2	0.84	0.49	0.82	<b>0.281</b>	[[22914 967 2883] [ 151 288 38] [ 1448 454 893]]	0.89	0.50	0.86	<b>0.328</b>	[[24173 849 2352] [ 296 344 272] [ 284 79 543]]
		$lr=10^{-2}$ , attention, stride=1	0.78	0.44	0.72	0.243	[[13611 1751 4884] [ 75 278 133] [ 1854 488 1258]]	0.86	0.47	0.81	0.307	[[22638 1251 9493] [ 227 148 135] [ 185 58 663]]
	manual weight	$lr=10^{-2}$	0.85	0.48	0.86	0.242	[[24395 523 1248] [ 227 387 88] [ 1927 274 589]]	0.90	0.50	0.89	0.303	[[25328 727 1327] [ 427 386 179] [ 466 69 389]]
		$lr=10^{-3}$	0.84	0.49	0.83	0.272	[[23244 789 2812] [ 218 238 34] [ 1589 315 873]]	0.89	0.50	0.86	0.314	[[24238 994 1218] [ 341 333 238] [ 338 59 515]]
		$lr=10^{-3}$ , winter, summer	0.89	0.49	0.87	0.300	[[13229 321 994] [ 218 178 138] [ 172 2 186]]	0.90	0.51	0.87	0.301	[[12481 553 886] [ 134 144 58] [ 258 32 282]]
		$lr=10^{-3}$ , kernel=3	0.84	0.47	0.83	0.257	[[23798 189 1887] [ 212 388 94] [ 1811 345 784]]	0.88	0.49	0.85	0.302	[[23796 1862 2183] [ 359 359 224] [ 349 47 588]]
		$lr=10^{-3}$ , stride=1	0.85	0.49	0.85	0.280	[[23745 578 1653] [ 225 187 52] [ 1888 353 799]]	0.89	0.50	0.86	0.321	[[24169 1825 2188] [ 352 353 287] [ 288 74 543]]
		$lr=10^{-3}$ , stride=1, kernel=3	0.85	0.51	0.84	<b>0.302</b>	[[23554 786 1786] [ 142 382 68] [ 1534 389 837]]	0.89	0.51	0.86	<b>0.329</b>	[[24188 1846 2148] [ 289 366 247] [ 388 58 538]]
		$lr=10^{-3}$ , attention, w/o max, stride=2	0.84	0.49	0.83	0.267	[[23214 982 1778] [ 171 272 22] [ 1618 375 773]]	0.89	0.50	0.86	0.330	[[24847 1871 2262] [ 318 323 273] [ 252 55 597]]
		$lr=10^{-2}$ , attention, w/o max, stride=1	0.84	0.45	0.83	0.260	[[23808 624 2882] [ 124 116 224] [ 1566 274 838]]	0.83	0.43	0.76	0.253	[[21314 1852 4181] [ 285 317 288] [ 195 75 636]]
		$lr=10^{-2}$ , attention, stride=2	0.85	0.48	0.85	0.276	[[23986 629 1413] [ 214 288 42] [ 1854 489 873]]	0.90	0.52	0.88	0.341	[[24798 823 1753] [ 366 334 212] [ 327 41 543]]
		$lr=10^{-3}$ , attention, stride=2	0.85	0.49	0.84	<b>0.280</b>	[[23475 746 1743] [ 218 287 52] [ 1572 344 843]]	0.89	0.51	0.86	<b>0.352</b>	[[24171 985 2288] [ 285 327 388] [ 218 68 626]]
		$lr=10^{-2}$ , attention, stride=1	0.84	0.48	0.83	0.251	[[23848 961 1363] [ 138 232 34] [ 1628 338 838]]	0.88	0.49	0.85	0.308	[[23778 881 2883] [ 385 383 224] [ 228 79 597]]