Supplementary file

Table I: The results of different networks on three benchmark datasets

Datasets	Methods	R_e	R_i	R_a	EP	ER	EF1	B_T
Monkey	MobileNetV2 MRDUI	0.5000 0.5000	0.0000	0.5000 0.5000	0.5552 0.4871	0.5138 0.5057	0.4871 0.4836	0.5000 0.5000
	DenseNet121 MRDUI	0.4779 0.4632	0.0000 0.0074	0.5221 0.5294	0.5529 0.5490	0.5012 0.5348	0.4945 0.5054	0.5221 0.5336
	Resnet50 MRDUI	0.4779 0.4853	0.0000	0.5221 0.5147	0.5946 0.5190	0.5227 0.5126	0.5179 0.4937	0.5221 0.5147
	EfficientNetB0 MRDUI	0.5515 0.4559	0.0000	0.4485 0.5441	0.4537 0.5819	0.4550 0.5549	0.4333 0.5258	0.4485 0.5441
	ShuffleNetV2 MRDUI	0.5294 0.4412	0.0000	0.4706 0.5588	0.4814 0.5519	0.4680 0.5606	0.4616 0.5414	0.4706 0.5588
	SqueezeNet MRDUI	0.5221 0.4412	0.0000 0.0368	0.4779 0.5220	0.5426 0.5997	0.4588 0.5223	0.4602 0.5220	0.4779 0.5432
	Xception MRDUI	0.8088 0.6838	0.0000	0.1912 0.3162	0.2017 0.5593	0.2059 0.3109	0.1775 0.2923	0.1912 0.3162
	SENet MRDUI	0.4412 0.4412	0.0000	0.5588 0.5588	0.5818 0.5266	0.5667 0.5628	0.5428 0.5171	0.5588 0.5588
Butterfly	MobileNetV2 MRDUI	0.4560 0.4200	0.0000 0.0080	0.5440 0.5720	0.6460 0.5699	0.5440 0.5720	0.5225 0.5431	0.5440 0.5766
	DenseNet121 MRDUI	0.3400 0.2760	0.0000	0.6600 0.7240	0.7246 0.7445	0.6600 0.7240	0.6554 0.7110	0.6600 0.7240
	Resnet50 MRDUI	0.4440 0.4320	0.0000 0.0040	0.5560 0.5640	0.5966 0.5543	0.5560 0.5640	0.5346 0.5233	0.5560 0.5663
	EfficientNetB0 MRDUI	0.4240 0.3360	0.0000	0.5760 0.6640	0.6102 0.6916	0.5760 0.6640	0.5606 0.6505	0.5760 0.6640
	ShuffleNetV2 MRDUI	0.4040 0.3480	0.0000 0.0200	0.5960 0.6320	0.6273 0.6606	0.5960 0.6320	0.5791 0.6196	0.5960 0.6435
	SqueezeNet MRDUI	0.4960 0.4280	0.0000 0.0320	0.5040 0.5400	0.5632 0.5800	0.5040 0.5400	0.4759 0.5163	0.5040 0.5584
	Xception MRDUI	0.8560 0.7600	0.0000	0.1440 0.2400	0.1658 0.2508	0.1440 0.2400	0.1212 0.2029	0.1400 0.2400
	SENet MRDUI	0.3320 0.3160	0.0000 0.0280	0.6680 0.6560	0.7204 0.7001	0.6680 0.6560	0.6595 0.6420	0.6680 0.6721
Cifar-10	MobileNetV2 MRDUI	0.4158 0.3292	0.0000 0.0008	0.5842 0.6700	0.5852 0.6759	0.5841 0.6701	0.5766 0.6695	0.5842 0.6705
	DenseNet121 MRDUI	0.3346 0.2734	0.0000 0.0126	0.6654 0.7140	0.6815 0.7484	0.6652 0.7135	0.6670 0.7182	0.6654 0.7212
	Resnet50 MRDUI	0.5112 0.3596	0.0000 0.0002	0.4888 0.6402	0.4984 0.6402	0.4884 0.6402	0.4850 0.6389	0.4888 0.6403
	EfficientNetB0 MRDUI	0.4102 0.3356	0.0000 0.0040	0.5898 0.6640	0.6101 0.6667	0.5900 0.6641	0.5919 0.6642	0.5898 0.6642
	ShuffleNetV2 MRDUI	0.4374 0.3496	0.0000 0.0002	0.5626 0.6502	0.5681 0.6648	0.5620 0.6498	0.5610 0.6515	0.5626 0.6503
	SqueezeNet MRDUI	0.3782 0.3190	0.0000 0.0422	0.6218 0.6388	0.6355 0.6145	0.6212 0.6373	0.6190 0.6164	0.6218 0.6630
	Xception MRDUI	0.5004 0.3606	0.0000 0.0018	0.4996 0.6376	0.5169 0.6468	0.4987 0.6371	0.4991 0.6403	0.4996 0.6386
	SENet MRDUI	0.3706 0.2782	0.0000	0.6294 0.7218	0.6782 0.7371	0.6283 0.7213	0.6370 0.7214	0.6294 0.7218

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