# FILTER PRUNING VIA SOFTMAX ATTENTION





[1] Bianco, Simone, et al. "Benchmark analysis of representative deep neural network architectures." *IEEE Access* 6 (2018): 64270-64277. [2] Howard, Andrew G., et al. "Mobilenets: Efficient convolutional neural networks for mobile vision applications." arXiv preprint arXiv:1704.04861 (2017).

Sungmin Cho, Hyeseong Kim and Junseok Kwon School of Computer Science and Engineering, Chung-Ang University, Seoul, Korea

of params	Top-1%
(0%)	90.91
-85.04%)	90.61
94.84%)	90.00

g rate	Flops(PR)	# of params(PR)	Top-1%	Acc Drop
	161.61M (0%)	3.65M(0%)	99.72%	0 %
	-	3.63M (-0.55%)	99.72%	0 %
75	16.43M(-89.83%)	452.04K(-87.62%)	99.74%	+0.02%
75	12.41M(-92.32%)	351.94K(-90.36%)	99.72%	0%
5	6.05M(-96.26%)	188.21K(-94.84%)	99.70%	-0.02%
i.	161.61M (0%)	3.65M(0%)	94.63%	0 %
	-	3.63M (-0.55%)	94.68%	+0.05%
75	16.43M(-89.83%)	452.04K(-87.62%)	93.94%	-0.69%
75	12.41M(-92.32%)	351.94K(-90.36%)	93.64%	-1.01%
5	6.05M(-96.26%)	188.21K(-94.84%)	93.05%	-1.58%
	313.73M(0%)	14.99M(0%)	93.48%	0%
	171.89M(-45.2%)	2.67M(-82.20%)	91.23%	-2.25%
	73.70M(-76.5%)	1.78M(-88.13%)	90.73%	-2.75%
75	30.69M(-90.22%)	1.56M(-89.59%)	91.67%	-1.81%
75	23.06M(-92.65%)	1.19M(-92.06%)	90.80%	-2.68 %
5	11.06M(-96.47%)	0.59M(-96.06%)	88.69%	-4.79 %



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