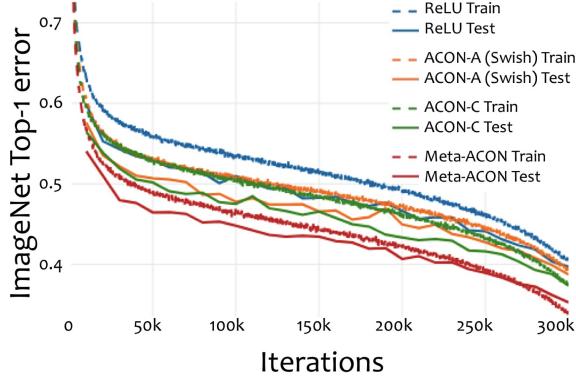
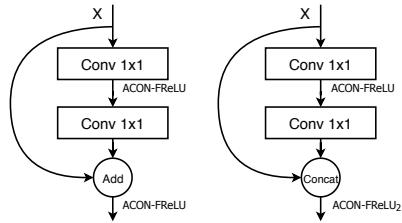


Appendix



Appendix Figure 1. The training curves. We show the ShuffleNetV2 results on the ImageNet.



Appendix Figure 2. The simple TFNet building block. Left: stride=1, Right: stride=2. We conduct the down sampling on ACON-FReLU₂, which means we set $\eta_a(x)$ to be a max pooling and $\eta_b(x)$ to be a depth-wise convolution with a stride of 2.

Layer	Output size	KSize	Stride	Repeat	Output channels			
					0.5×	1×	1.5×	2×
Image	224×224				3	3	3	3
Conv1	112×112	3×3	2	1	8	16	24	32
Stage2	56×56			2	1	16	32	48
				1	1			64
Stage3	28×28			2	1	32	64	96
				1	3			128
Stage4	14×14			2	1	64	128	192
				1	7			256
Stage5	7×7			2	1	128	256	384
				1	2			512
Conv6	7×7	1×1	1	1	1024	1024	1024	1024
GlobalPool	1×1	7×7						
FC					1000	1000	1000	1000
FLOPs					41M	146M	279M	591M
# of Weights					1.4M	2.3M	2.7M	7.4M

Appendix Table 1. Overall architecture of the TFNet (toy funnel network).