

# Spiking Calibration<sup>1</sup>

2022 年 5 月

Architecture (timesteps)	Dataset	Normalized # $OP_{ANN}$ (a)	Normalized # $OP_{SNN}$ (b)	mean firing rate(lowest, highest)	#OP layer 1 Total #OP (c)	DIET-SNN / ANN Energy $\frac{a+4.6}{c+4.6+(1-c)*b+0.9}$
VGG16 (T=64)	CIFAR10	1.0	0.0706	0.0734(0.0392 – 0.1177)	0.005650	1.2756
VGG16 (T=64)	VOC2007	1.0	0.1411	0.1408(0.0792 – 0.2123)	0.003759	2.09
Fcn32s (T=64)	VOC2011ClassSeg	1.0	0.01530	0.01614(0.00628 – 0.03193)	0.004704	0.492

表 1: hello world

<sup>1</sup>\*:seed 23, train\_batch 512, test\_batch 1