0.20 - 0.15 - 0.10 - 0.05 - 0.00	0.20 - 0.15 - 0.10 - 0.05 - 0.00	0.20 - 0.15 - NHX 0.10 - 0.05 - 0.00	0.20 - 0.15 - NOS 0.10 - 0.05 - 0.00	CSUN (Resize) 0.10 - 0.00 - 0.00	0.20 Color C	TinylmageNet (Res 0.15 - 0.10 - 0.05 - 0.00	Tinylmag	0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.5 - Unique of the second of
AII	Cifar10	SVHN	iSUN ID	SUN (Resize)	LSUN (Crop)	Net (Resize)	geNet (Crop)	Gaussian	Uniform ID
0.6 - AII ID	0.6 - Cifar10	0.6 - SVHN ID ID 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.6 - iSUN ID	LSUN (Resize) ID 0.4 - 0.3 - 0.2 - 0.1 -	D. 6 LSUN (Crop) ID O. 4 - 0.3 - 0.2 - 0.1 - 0.0	nylmageNet (Resize) 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0	TinylmageNet (Crop) ID 0.5 - 0.4 - 0.3 - 0.2 - 0.1 -	Gaussian ID	Layer Max_relu_3 1.4 1.2 1.0 1.0 0.8 0.6 0.4 0.2
0.5 -	0.5 - Cifai	0.5 - SV ID  0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.5 - iS ID  0.4 - 0.3 - 0.2 - 0.1 - 0.0	LSUN (Resi ID) 0.4 - 0.3 - 0.2 - 0.1 -	0.5 - LSUN (Cro 0.4 - ID 0.3 - 0.2 - 0.1 - 0.0	TinyImageNet (Resi ID 0.3 - 0.2 - 0.1 -	Tiny mageNet (Cro ID) 0.4 - 0.3 - 0.2 - 0.1 - 0.0 -	Gauss ID 0.4 - 0.2 - 0.0	0.8 - Unifo 0.6 - 0.4 - 0.2 - 0.0 0.8 -
AII 0.4 - ID	0.4 -	0.6 - 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.3 - 0.2 - 0.1 -	0.1 - 0.0 LSU	ize) TinyImageNet ID 0.3 - 0.2 - 0.1 - 0.0	Tiny mageN ID 0.3 - 0.2 - 0.1 - 0.0	0.8 - 0.6 - 0.4 - 0.2 -	nelu_0 Layer Norm
All   0.4 -	Cifar10 ID 0.4 -	SVHN 1.0 - 0.8 - 0.6 - 0.4 - 0.2 - 0.0	iSUN   0.4 -   0.3 -   0.2 -   0.1 -   0.0 -	0.3 - 0.2 - 0.1 -	0.3 - 0.2 - 0.1 -	t (Resize) Tinylm ID 0.3 - 0.1 - 0.0	Net (Crop) Tinyi ID 0.3 - 0.2 - 0.1 - 0.0	Gaussian ID 0.7 - 0.6 - 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0	Max_relu_1  Uniform ID  0.8 -  0.4 -  0.2 -
AII	Cifar10	SVHN	iSUN	LSUN (Resize)	LSUN (Crop)	mageNet (Resize)	mageNet (Crop)	Gaussian	ayer Max_relu_2 Uniform ID
0.4 - AII ID O.2 - 0.1 - 0.0 - 5 0 5	0.4 - Cifar10 ID 0.3 - 0.2 - 0.1 - 0.0	0.4 - SVHN ID ID O.3 - 0.2 - 0.1 - 0.0	0.4 - iSUN ID  0.3 - 0.2 - 0.1 - 0.0	0.3 - 0.2 - 0.1 - 0.0	0.1 - 0.0 LSUN (Crop) ID	TinyImageNet (Resize) ID  0.3 -  0.2 -  0.1 -	TinyImageNet (Crop) ID  0.3 - 0.2 - 0.1 -	0.8 - Gaussian ID  0.6 - 0.4 - 0.2 - 0.0	Layer Max_relu_  0.8 - Uniform ID  0.6 - 0.4 - 0.2 - 0.0
0.4 -	0.4 -	0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.4 - 0.3 - 0.2 - 0.1 -	0.3 - 0.2 - 0.1 -	0.4 LSUN ID 0.3 - 0.2 - 0.1 -	TinyImageNet (ID)  0.3 -  0.2 -  0.1 -	TinylmageNe ID  0.3 -  0.2 -  0.1 -  0.0	0.4 - G 0.3 - 0.2 - 0.1 -	_3 Layer Ma  0.5 -  0.4 -  0.3 -  0.1 -  0.0
AII 0.4 -	Cifar10 ID 0.4 -	SVHN   0.6 -   0.5 -   0.4 -   0.3 -   0.2 -   0.1 -   0.0	iSUN   0.6 -   0.5 -   0.4 -   0.3 -   0.2 -   0.1 -   0.0 -	N (Resize)  0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0 -	0.3 - 0.2 - 0.1 -	et (Resize) Tinylm ID 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0 -	Net (Crop)  Tinyl  0.4 -  0.3 -  0.1 -  0.0	0.8 - 0.6 - 0.4 - 0.2 - 0.0 - 0.0	Max_relu_4  Uniform  ID  0.8 -  0.6 -  0.2 -  0.0 -
- All	Cifar10	SVHN	iSUN	LSUN (Resize)	LSUN (Crop)	mageNet (Resize)	/ImageNet (Crop)	Gaussian	Layer Max_relu_5  Uniform ID
0.4 -	0.4 - Cifa	0.4 - SV ID 0.3 - 0.2 - 0.1 - 0.0	0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.3 - 0.2 - 0.1 - 0.0	0.1 - LSUN (Cr ID) 0.2 - 0.1 - 0.0	TinyImageNet (Residue)  1D <sub>0.4</sub> -  0.3 -  0.2 -  0.1 -	TinyImageNet (Cr ID 0.3 - 0.2 - 0.1 -	0.6 - Gauss 0.5 - ID 0.4 - 0.3 - 0.2 - 0.1 - 0.0	Layer Max_r 0.7 0.6 0.6 0.5 0.4 0.3 0.2 0.1
0.4 -	far10 0.4 -	0.4 - 0.3 - 0.2 - 0.1 -	0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.6 LS 0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.3 - 0.2 - 0.1 - 0.0	0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0 -	Tiny may  0.4 -  0.3 -  0.2 -  0.1 -  0.0	1.2 - 1.0 - 0.8 - 0.6 - 0.4 - 0.2 - 0.0 - 0.0	relu_6 Laye  1.2 -  1.0 -  0.8 -  0.6 -  0.4 -  0.2 -  0.0 -
All	Cifar10	SVHN	iSUN ID	LSUN (Resize)	LSUN (Crop)	geNet (Resize) Ti	ageNet (Crop)	Gaussian	ver Max_relu_7 Uniform ID
0.4 - All ID	0.4 - Cifar10	0.4 - SVHN ID  0.3 - 0.2 - 0.1 - 0.0	0.5 - iSUN ID	LSUN (Resize) ID 0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.1 - LSUN (Crop) ID 0.3 - 0.1 - 0.0	0.3 - 0.2 - 0.1 -	TinyImageNet (Crop) ID 0.3 - 0.2 - 0.1 - 0.0 0.5 -	0.8 - Gaussian ID 0.6 - 0.4 - 0.2 - 0.0	Layer Max_relu_ 1.0  Uniform ID  0.6  0.4  0.2
0.4 -	0.4 -	0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.4 - 0.3 - 0.2 - 0.1 -	0.3 - 0.2 - 0.1 -	TinylmageNet (ID <sub>0.5</sub> - 0.4 - 0.3 - 0.2 - 0.1 - 0.0	TinylmageNet ID 0.4 - 0.3 - 0.2 - 0.1 -	0.8 - G6 0.6 - 1D 0.4 - 0.2 - 0.0	0.8 - 0.6 - 0.4 - 0.2 - 0.0
All ID 0.4	Cifar10 ID 0.4	0.4 O.3 O.2 O.1 O.0	iSUN   0.5   0.4   0.3   0.2   0.1   0.0	(Resize) 0.4 0.3 0.2 0.1	0.3 0.2 0.1	(Resize) Tinyli ID 0.4 0.3 0.2 0.1 0.0	0.5 Tiny ID <sub>4</sub> 0.3 0.2 0.1	0.8 0.6 0.4 0.2	0.8 Uniform 0.6 0.4 0.2 0.0
AII ID	Cifar10	SVHN ID	iSUN ID	LSUN (Resize) ID	LSUN (Crop)	ImageNet (Resize)	ylmageNet (Crop)	Gaussian ID	Layer Max_relu_10  Uniform ID
0.4 -	0.4 - Cifar	0.4 - SVI ID 0.3 - 0.2 - 0.1 - 0.0	0.5 - iSU 0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.4 LSUN (Cro	TinylmageNet (Resiz ID 0.5 0.4 - 0.3 - 0.2 - 0.1 -	Tiny mageNet (Cro	1.0 - Gaussi ID 0.8 - 0.6 - 0.4 - 0.2 - 0.0	Layer Max_re 1.0 0.8 0.6 0.4 0.2 0.0
0.4 -	0.4 -	0.4 - 0.3 - 0.2 - 0.1 -	0.4 - 0.3 - 0.2 - 0.1 -	0.3 - 0.2 - 0.1 - 0.0 - 0.0	0.3 - 0.2 - 0.1 - 0.0	TinyImageN ID0.4 -  0.3 -  0.2 -  0.1 -  0.0	0.3 - 0.2 - 0.1 -	0.6 - 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0 -	Layer 0.6 0.5 0.4 0.3 0.2 0.1 0.0
AII ID 0	Cifar10 ID 0	SVHN ID 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0	UN (Resize)  0  0  0  0  0	O O O O	Net (Resize) Tin ID 0 0 0 0 0 0 0 0	eNet (Crop)  O  O  O  O  O  O	Gaussian 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Max_relu_12  Uniform ID  0 0 0 0
D.4 - All ID	0.4 - Cifar10	0.4 - SVHN ID 0.3 - 0.2 - 0.1 - 0.0	0.6 - iSUN ID	LSUN (Resize) ID  0.4 - 0.3 - 0.1 - 0.0	LSUN (Crop) ID 0.3 - 0.2 - 0.1 -	0.5 - 0.4 - 0.3 - 0.2 - 0.1 -	Display (Crop) Displa	Gaussian ID	Layer Max_relu_13 Uniform 1.0 - ID 0.8 - 0.6 - 0.4 - 0.2 - 0.0
0.4 - AII ID	0.4 - Cifa	0.4 - SV ID 0.3 - O.1 - O.0	0.4 - 0.3 - 0.2 - 0.1 - 0.0	USUN (Res ID 0.4 - 0.2 - 0.1 - 0.0	0.4 LSUN (Cr ID) 0.3 - 0.2 - 0.1 -	TinyImageNet (Res ID 0.3 - 0.2 - 0.1 - 0.0	TinylmageNet (Cr ID 0.3 - 0.2 - 0.1 - 0.0 -	0.8 - Gauss ID  0.4 -  0.2 -	Dayer Max_re  0.7  0.6  0.5  0.4  0.3  0.2  0.1
0.4 -	0.4 -	0.4 - 0.3 - 0.2 - 0.1 -	0.7 - 0.6 - 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.7 - LSU 0.6 ID 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.1 - 0.0 -	TinyImageNe ID 0.6 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0	(P) TinyImagel ID 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0 - 0.0	1.2 - 1.0 - 0.8 - 0.6 - 0.4 - 0.2 - 0.0	1.2 - 1.0 - 1.0 - 0.8 - 0.6 - 0.4 - 0.2 - 0.0 - 1.4 - 1.4 - 1.5 - 1.6 -
All 0.4	Cifar10 0.4	0.4 0.3 0.2 0.1 0.0	0.4 0.3 0.2 0.1	0.3 0.2 0.1 0.0	0.4 0.3 0.2 0.1	0.3 0.2 0.1	Net (Crop)  0.3  0.2  0.1  0.0	Gaussian 1.0 0.8 0.6 0.4 0.2 0.0	Max_relu_15
All	Cifar10	SVHN	iSUN	LSUN (Resize)	LSUN (Crop)	nageNet (Resize)	ImageNet (Crop)	Gaussian	ayer Max_relu_16  Uniform ID
0.4 - All ID	0.4 - Cifar10	0.4 - SVHN ID 0.3 - 0.1 - 0.0	0.6 - iSUN 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0	USUN (Resize) ID 0.5 0.4 0.3 0.2 0.1	0.4 LSUN (Crop) ID 0.3 - 0.2 - 0.1 - 0.0	TinylmageNet (Resize) ID  0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0	TinylmageNet (Crop) 1D 0.4 - 0.3 - 0.2 - 0.1 - 0.0	1.2 - Gaussian 1.0 - ID 1.0 - 0.8 - 0.6 - 0.4 - 0.2 - 0.0	Layer Max_relu 1.0 - Uniform 1D 0.8 - 0.6 - 0.4 - 0.2 - 0.0
0.4 - All	0.4 - Cit	0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.5 - LSUN (Re ID 0.3 - 0.2 - 0.1 - 0.0	0.4 LSUN (0 ID 0.3 - 0.1 - 0.0	0.3 - 0.2 - 0.1 -	TinylmageNet (0 1D <sup>4</sup> - 0.3 - 0.2 - 0.1 - 0.0	0.8 - Gau ID 0.6 - 0.4 - 0.2 - 0.0	0.8 - Uni ID
0.4 -	far10 0.4 -	0.4 - 0.3 - 0.2 - 0.1 -	0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.3 - 0.2 - 0.1 - 0.0	D	0.5 Tiny mag ID 0.3 - 0.2 - 0.1 -	1.2 - 1.0 - 0.8 - 0.6 - 0.4 - 0.2 - 0.0	relu_18 Layer 1.0
All ID	Cifar10	SVHN ID C	iSUN ID	SUN (Resize) D	LSUN (Crop)	eNet (Resize) Tir	ageNet (Crop)	Gaussian	Uniform ID
.4 All ID	.4 - Cifar10	.4 - SVHN ID .310	iSUN ID ID .3210	LSUN (Resize) ID .3 .1 .0	LSUN (Crop) ID .3 .1	ylmageNet (Resize) .4 .3 .1 .0	inylmageNet (Crop) 04310	Gaussian ID ID .6420	Layer Max_relu_20 .8 Uniform ID .6 .4 .2
0.4 - All ID	0.4 - Cifar:	0.4 - SVH 0.3 - 0.2 - 0.1 - 0.0	0.5 - ISU ID	0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.1 - LSUN (Cro	TinyImageNet (Resiz ID).5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.5 - TinylmageNet (Cro ID 0.3 - 0.2 - 0.1 -	Gaussia  1.0 - ID  0.8 - 0.6 - 0.4 - 0.2 - 0.0	Layer Max_re  Unifor  0.8 - Unifor  0.4 - 0.2 - 0.0  1.2 - 0.0
0.4 -	0.5	0.4 - 0.3 - 0.2 - 0.1 - 0.0	N 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0	D LSUN ID ID 0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.1 - 0.0 LSUN ID 0.3 - 0.1 - 0.0	TinyImageNet ID 0.3 - 0.2 - 0.1 - 0.0	0.3 - 0.2 - 0.1 - 0.5 TinyImageNe	0.8 - G 0.6 - 0.4 - 0.2 - 0.0	u_21 Layer Ma  0.6 - 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0
AII D 0.4 -	Cifar10 ID 0.4 -	0.4 - O.4 -	0.6 - ISUN ID 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0 -	0.4 - 0.3 - 0.2 - 0.1 - 0.0 - 0.5	0.4 0.3 - 0.2 - 0.1 -	(Resize) TinyIm ID0.5 -  0.4 -  0.3 -  0.1 -  0.0 -	0.4 - 0.3 - 0.1 - 0.0 - 0.6 -	1.2 - 1.0 -	Uniform ID 0.8 - 0.6 - 0.4 - 0.2 - 0.0 -
All	Cifar10	SVHN	iSUN ID	LSUN (Resize)	LSUN (Crop)	nageNet (Resize)	mageNet (Crop)	Gaussian	uyer Max_relu_23 Uniform ID
0.5 - All ID	0.4 - Cifar10	0.6 - SVHN ID ID O.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.5 - iSUN ID  0.4 - 0.3 - 0.2 - 0.1 - 0.0	USUN (Resize) ID  0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.1 - 0.0 LSUN (Crop) ID 0.3 - 0.1 - 0.0	TinyImageNet (Resize) ID  0.4 -  0.3 -  0.2 -  0.1 -  0.0	TinyImageNet (Crop) ID  0.4 - 0.3 - 0.2 - 0.1 - 0.0	Gaussian ID  0.8 -  0.6 -  0.4 -  0.2 -  0.0	Layer Max_relu_2 0.8 - Uniform ID 0.6 - 0.4 - 0.2 - 0.0
0.4 - All ID	0.4 - Ci	0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0	USUN (Reconstruction of the latest term of the late	0.1 - LSUN (0 ID 0.3 - 0.1 - 0.0 - 0	TinylmageNet (Re ID <sub>0.5</sub> - 0.4 - 0.3 - 0.2 - 0.1 -	Tiny mageNet (0 ID 0.4 - 0.3 - 0.2 - 0.1 - 0.0 - 0.6 -	1.2 - Gau 1.0 - ID ID ID - O.8 - O.6 - O.4 - O.2 - O.0	0.8 - Un 0.6 - 0.4 - 0.2 - 0.0
0.4 -	Cifar10 D 0.4 -	O.4 - ID	0.5 - 0.4 - 0.3 - 0.2 - 0.1 -	0.3 - 0.2 - 0.1 -	(Crop) 0.3 - 0.2 - 0.1 - 0.0	Resize) TinyImag ID. 4 - 0.3 - 0.2 - 0.1 - 0.0	(Crop) Tinylma 1D4 - 0.3 - 0.2 - 0.1 - 0.0	0.8 - 0.6 - 0.4 - 0.2 - 0.0	niform 0.6 - 0.4 - 0.2 - 0.0
AII ID	Cifar10	SVHN	iSUN ID	LSUN (Resize)	LSUN (Crop)	eNet (Resize) Ti	ageNet (Crop)	Gaussian	Uniform ID
0.5 - AII ID ID	0.4 - Cifar10 ID	0.4 - SVHN ID ID O.3 - 0.2 - 0.1 - 0.0	0.5 - iSUN ID	0.4 - 0.3 - 0.2 - 0.1 - 0.0	USUN (Crop) 0.3 - 0.2 - 0.1 -	0.3 - 0.1 - 0.0	TinylmageNet (Crop)  D  0.3 -  0.2 -  0.1 -  0.5 -	0.8 - Gaussian ID  0.6 - 0.4 - 0.2 - 0.0	Layer Max_relu_27  0.8 - Uniform ID  0.6 - 0.4 - 0.2 - 0.0  1.0 - 0.0
0.4 -	0.4 - Cifa	0.4 - SV ID 0.3 - 0.2 - 0.1 - 0.0	0.4 - iS 0.3 - 0.2 - 0.1 - 0.0	USUN (Resi ID 0.3 - 0.2 - 0.1 -	0.5 LSUN (Cro	TinylmageNet (Resi ID 0.3 - 0.2 - 0.1 -	TinylmageNet (Cr. ID 0.3 - 0.2 - 0.1 - 0.0	0.8 - Gauss ID  0.6 - 0.4 - 0.2 - 0.0	Layer Max_re 1.0  0.8  0.6  0.4  0.2
AII ID 0.5 -	0.4 -	0.6 - 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.5 - 0.4 - 0.3 - 0.2 - 0.1 -	0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.4 - 0.3 - 0.2 - 0.1 - 0.0	TinylmageNet ID 0.4 0.3 - 0.2 - 0.1 - 0.0	TinylmageN ID 0.4 - 0.3 - 0.2 - 0.1 - 0.0	1.0 - 0.8 - 0.6 - 0.4 - 0.2 - 0.0	Layer M  1.2 -  1.0 -  0.8 -  0.6 -  0.4 -  0.2 -  0.0
AII	Cifar10 0.4 -	0.5 - 0.4 - 0.3 - 0.2 - 0.1 -	iSUN ID 0.4 - 0.3 - 0.2 - 0.1 -	0.3 - 0.2 - 0.1 - 0.0	0.5 0.4 0.3 0.2 0.1	0.3 - 0.2 - 0.0 - 0.0	Net (Crop)  Tinylm  ID  0.3 -  0.2 -  0.1 -  0.0 -	Gaussian ID 1.0 - 0.8 - 0.6 - 0.4 - 0.2 - 0.0 - 0.0	1ax_relu_29 Lay Uniform ID 0.8 - 0.6 - 0.2 - 0.0 -
AII 0 0	Cifar10 0	SVHN O O O O O O O O	isun 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	LSUN (Resize)  O  O  O  O  O	LSUN (Crop) 0 0 0 0 0 0 0 0 0 0	ogeNet (Resize)  Ti  ID  O  O  O  O  O	nageNet (Crop)  0 0 0 0 0 0	Gaussian	Ver Max_relu_30 Uniform ID
30 - All 25 - ID	Cifar10	SVHN ID	isun ID	LSUN (Resize) ID 25 - 20 - 15 - 10 - 05 - 00 -	LSUN (Crop) 1D 20 - 15 - 10 - 05 -	ylmageNet (Resize) 25 - 20 - 15 - 10 - 05 -	inylmageNet (Crop) 25 - 20 - 15 - 10 - 05 -	Gaussian ID	Layer Max_relu_3 .6 - Uniform ID .543210