0.20 - 0.15 - 0.10 - 0.05 - 0.00	0.20 - 0.15 - 0.10 - 0.05 - 0.00	0.20 - 0.15 - NH 0.10 - 0.05 - 0.00	0.20 - 0.15 - NOS 0.10 - 0.05 -	CSUN (Resize) 0.10 - 0.05 - 0.00	0.20	Tinylmage ID	TinylmageNet (Cross of Cross o	0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.5 - 0.4 - United States 0.5 - 0.4 - 0.3 - 0.1 - 0.0 - 0.
All	Cifar10	SVHN ID	iSUN ID	JN (Resize)	SUN (Crop)	Iet (Resize) Tip	eNet (Crop)	Gaussian	Uniform ID
.6 - AII ID	Cifar10	SVHN ID ID	iSUN ID	LSUN (Resize) ID .543210	LSUN (Crop)	ylmageNet (Resize) .54321 -	inylmageNet (Crop) 0.5 .4 .4 .3 .2	Gaussian ID ID ID	Layer Max_relu_3 .4 Uniform .1 .0 .8 .6 .4 .2 .0 .2 .0 .2 .0 .2 .0 .2
0.5	0.5 - Cit	0.5 - 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 - 0.0	0.5 - LSUN (TinyImageNet (Re ID 0.4 - 0.3 - 0.2 - 0.1 - 0.0	TinylmageNet (0) 1D 0.4 - 0.3 - 0.2 - 0.1 - 0.0 0.5 -	0.6 - O.2 - O.0	0.8 - Un ID ID 0.6 - 0.4 - 0.2 - 0.0 0.8 -
0.4 -	0.4 -	0.6 - 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0	iSUN 0.4 -	0.3 - 0.2 - 0.1 - 0.0	Crop) 0.4	0.3 - 0.2 - 0.1 -	Crop) Tiny mag 1D 0.3 - 0.2 - 0.1 -	0.8 - 0.6 - 0.4 - 0.2 - 0.0	0.8 - 0.6 - 0.4 - 0.2 - 0.0
All ID	Cifar10 ID 0.	SVHN 1. 0. 0. 0. 0. 0. 0.	0. 0. 0. 0. 0. 0.	O. O. O.	LSUN (Crop)	Net (Resize) Tiny ID O. O.	0. 0. 0.	Gaussian 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	r Max_relu_1 Uniform 0. 0. 0. 0.
4 - AII ID	4 - Cifar10	SVHN ID ID	4 - iSUN ID 3 - 2 - 1 - 0	LSUN (Resize) ID 3 - 1 - 0	LSUN (Crop)	/ImageNet (Resize)	nylmageNet (Crop) 3 - 1 - 0	Gaussian ID	Layer Max_relu_2 8 - Uniform ID 6 - 4 - 2 - 0
0.4 - All	0.4 - Cifar10	0.4 - SVHN ID ID O.3 - 0.2 - 0.1 - 0.0	0.4 - iSUN ID	USUN (Resize) ID 0.3 - 0.2 - 0.1 -	LSUN (Crop)	TinylmageNet (Resize) ID 0.3 - 0.2 - 0.1 -	Tiny mageNet (Crop) ID 0.3 - 0.1 - 0.0	Gaussian ID 0.4 - 0.2 -	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 -	0.2 - 0.1 - 0.0	0.4 LSUI	TinylmageNet ID 0.3 - 0.2 - 0.1 - 0.0	TinylmageNe	0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0
0.4 -	Cifar10 ID	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 - 0.0	0.7 - 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0	JN (Crop)	(Resize) Tinylma ID 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0 -	et (Crop) Tinylm 0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.8 - 0.6 - 0.4 - 0.2 - 0.0 - 0.0	Uniform ID 0.8 - 0.6 - 0.4 - 0.2 - 0.0 - 0.0
All	Cifar10	SVHN	isun	LSUN (Resize)	LSUN (Crop)	ageNet (Resize)	mageNet (Crop)	Gaussian	uniform ID
0.4 - AI ID	0.4 - Cifar10	0.4 - SVHN ID 0.3 - 0.2 - 0.1 - 0.0	0.4 - ISUN ID 0.3 - 0.2 - 0.1 - 0.0	LSUN (Resize) 0.3 - 0.2 - 0.1 - 0.0	0.4 LSUN (Crop)	TinyImageNet (Resize) 1D _{0.4} - 0.3 - 0.2 - 0.1 -	Tiny mageNet (Crop) ID 0.3 - 0.2 - 0.1 -	0.6 - Gaussian 0.5 - ID 0.4 - 0.3 - 0.2 - 0.1 - 0.0	Layer Max_relu 0.7 - Uniform 0.6 - Uniform 1D
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	0.6 - LSUN (0.5 ID	0.4 LSUN	TinyImageNet (ID 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.4 - 0.3 - 0.2 - 0.1 - 0.0	1.2 - G 1.0 - ID 1.0 - I	1.2 - 1.0 - 0.8 - 0.6 - 0.4 - 0.2 - 0.0
AII 0.4 -	Cifar10 ID 0.4 -	0.4 - O.4 - O.4 - O.5 -	0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0 -	(Resize) 0.4 - 0.3 - 0.1 - 0.0 -	N (Crop)	(Resize) Tinylm ID _{0.4} - 0.3 - 0.2 - 0.1 - 0.0 -	0.3 - 0.2 - 0.1 -	0.8 - 0.6 - 0.4 - 0.2 -	ax_relu_7 L Uniform ID
All	Cifar10	SVHN	isun	LSUN (Resize)	LSUN (Crop)	mageNet (Resize)	ylmageNet (Crop)	Gaussian	Layer Max_relu_8 Uniform ID
0.4 -	0.4 - Cifar	0.4 - SVI 0.3 - 0.2 - 0.1 - 0.0	0.5 - iSI 0.4 - 0.3 - 0.2 - 0.1 - 0.0	USUN (Resiz ID) 0.4 - 0.3 - 0.2 - 0.1 -	LSUN (Cro	TinyImageNet (Resize ID _{0.5} = 0.4 - 0.3 - 0.2 - 0.1 - 0.0	TinylmageNet (Cro	0.8 - Gaussi 0.6 - 0.4 - 0.2 - 0.0	Unifo 0.8 - Unifo 0.6 - 0.4 - 0.2 - 0.0
O.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 - 0.0	op) 0.4 LS	TinylmageNe ID 0.4 0.3 - 0.2 - 0.1 - 0.0	0.5 - TinyImageN ID.4 - 0.2 - 0.1 - 0.0	0.6 - 0.4 - 0.2 - 0.0	0.8 - 0.6 - 0.4 - 0.2 - 0.0
All ID 0.4	Cifar10 0.4	SVHN ID 0.4 0.3 0.2 0.1 0.0	iSUN ID 0.5 0.4 0.3 0.2 0.1	0.4 0.3 0.2 0.1	SUN (Crop) 0.4	et (Resize) Tinyl ID 0.5 0.4 0.3 0.2 0.1 0.0	Net (Crop) Tin 1D 0.4 0.3 0.2 0.1 0.0	Gaussian 1.0 0.8 0.6 0.4 0.2 0.0	Max_relu_10
1 - All ID	Cifar10	SVHN ID	isun ID	LSUN (Resize) ID II	LSUN (Crop)	ImageNet (Resize)	nylmageNet (Crop)	Gaussian ID	Layer Max_relu_11 Uniform ID 1 2
0.4 - All ID	0.4 - Cifa	0.4 - SN 0.3 - 0.2 - 0.1 - 0.0	0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.4 LSUN (Res ID 0.3 - 0.1 - 0.0	0.4 LSUN (Cr	TinyImageNet (Res ID).4 - 0.3 - 0.2 - 0.1 - 0.0	TinylmageNet (Cr 0.3 - 0.2 - 0.1 -	0.6 - Gauss 0.5 - ID 0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.5 - Unifo 0.6 - Unifo 0.7 - Unifo 0.8 - Unifo 0.9 - Unifo 0.0 -
0.5 -	0.4 -	0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.6 - 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.6 LSUN ID 0.4 - 0.3 - 0.2 - 0.1 - 0.0	rop) 0.5 - LSU	TinyImageNet ID 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.6 TinylmageN ID5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0	1.2 - 1.0 - 0.8 - 0.6 - 0.4 - 0.2 - 0.0 0.6 - 0.0	Layer M 1.2 1.0 0.8 0.6 0.4 0.2 0.0
All ID	Cifar10	0.2 0.2 0.2	0.2 0.3 0.3 0.3	0.2 0.3 0.2 0.3	JN (Crop) 0.4	(Resize) Tiny ID 0.3	0.3 0.3 0.3	0.8 O.6 O.2 O.2 O.2	ax_relu_13 Uniform
4 All ID	4 - Cifar10	4 - SVHN ID 3 - 1 - 0	3 - ISUN ID	LSUN (Resize) ID 4 - 3 - 1 -	LSUN (Crop)	ylmageNet (Resize) 4 - 3 - 1 - 0	nylmageNet (Crop)	Gaussian ID 6 - 4 - 2 - 0	Layer Max_relu_14 7 - Uniform 6 - ID 5 - 4 - 3 - 2 - 1 - 0
0.4 - All ID	0.4 - Cifar	0.4 - SV ID 0.3 - 0.2 - 0.1 - 0.0	0.7 - iSUN 0.6 - ID 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.7 - LSUN (Resi: 0.6 ID 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.4 LSUN (Cro	TinyImageNet (Residue) ID 0.6 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0	Tiny mageNet (Cro ID 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0	1.2 - Gauss 1.0 - ID 1.0 - 0.8 - 0.6 - 0.4 - 0.2 - 0.0	Layer Max_re 1.2
0.4 -	0.4 -	0.4 - 0.3 - 0.2 - 0.1 -	0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.3 - 0.2 - 0.1 - 0.0	op) 0.4 LSI	TinyImageNe ID _{0.4} 0.3 - 0.2 - 0.1 - 0.0	0.3 - 0.2 - 0.1 - 0.0	0.8 - 0.6 - 0.4 - 0.2 - 0.0	0.8 - 0.6 - 0.4 - 0.2 - 0.0
AII ID 0.4	Cifar10 ID 0.4	0.4 ID 0.3 0.2 0.1	0.6 0.5 0.4 0.3 0.2 0.1	N (Resize) 0.5 0.4 0.3 0.2 0.1 0.0	UN (Crop) 0.4	0.5 (Resize) Tiny ID 0.5 0.4 0.3 0.2 0.1 0.0	Net (Crop) 0.4 0.3 0.1 0.0	Gaussian 1.2 1.0 0.8 0.4 0.2 0.0	1.0 0.8 0.4 0.2 0.0
4 - All ID	Cifar10	SVHN ID 3 - 1 - 0	6 - iSUN ID	LSUN (Resize) ID 5 - 4 - 3 - 2 - 1 - 0	LSUN (Crop)	ImageNet (Resize) 5 - 4 - 3 - 1 - 0	nylmageNet (Crop) 4 - 3 - 1 - 0	Gaussian ID	Layer Max_relu_17 0 - Uniform ID 6 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 -
0.4 - AII ID	0.4 - Cifar1	0.4 - SVH ID 0.3 - 0.2 - 0.1 - 0.0	0.4 - ISU ID 0.3 - 0.2 - 0.1 - 0.0	0.5 LSUN (Resize ID) 0.3 - 0.2 - 0.1 - 0.0	0.4 LSUN (Crop	TinyImageNet (Resize ID _{0.4} - 0.3 - 0.2 - 0.1 - 0.0	TinylmageNet (Crop ID ⁴ 0.3 - 0.2 - 0.1 -	0.6 - Gaussia ID 0.6 - 0.2 - 0.0	Layer Max_reli 0.8 - Uniform ID 0.6 - 0.4 - 0.2 - 0.0
0.4 - Al	0.4 -	0.4 - 0.3 - 0.2 - 0.1 -	0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0	e)	p) 0.4 LSUN	TinyImageNet (ID 0.4 - 0.3 - 0.2 - 0.1 - 0.0 -	0.5 - TinylmageNet ID 0.4 - 0.2 - 0.1 - 0.0	1.2 - Ga 1.0 - ID 1.0 -	u_18 Layer Max 1.0 0.8 0.6 0.4 0.2 0.0
0.4	Cifar10 0.4 -	0.4 - 0.3 - 0.2 - 0.1 - 0.0 -	0.5 - 0.4 - 0.3 - 0.2 - 0.1 -	0.5 - 0.3 - 0.2 - 0.1 - 0.0 - 0.0	N (Crop)	(Resize) Tinylma ID _{0.4} -	0.3 - 0.2 - 0.1 -	0.8 - 0.6 - 0.4 - 0.2 -	Uniform ID 0.6 - 0.4 - 0.2 - 0.0 - 1.0 T
All	Cifar10	SVHN	iSUN	LSUN (Resize)	LSUN (Crop)	ageNet (Resize)	mageNet (Crop)	Gaussian	yer Max_relu_20 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 0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.3 - 0.2 - 0.1 - 0.0	LSUN (Crop)	TinyImageNet (Resize) ID ^{0.5} - 0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.5 - TinylmageNet (Crop) ID 0.3 - 0.2 - 0.1 - 0.0	Gaussian 1.0 - 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 -	0.5 - Cifar ID	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	0.4 - 0.3 - 0.1 - 0.0	0.4 - LSUN (Cro	TinyImageNet (Resized ID) 0.3 - 0.2 - 0.1 - 0.0	0.5 TinylmageNet (Cro	0.8 - Gaussia ID 0.6 - 0.4 - 0.2 - 0.0	1 Layer Max_rel 0.6 - Unifor ID 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0
0.4	0.4 -	0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.6 - 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.4 LSU	TinyImageNet ID).5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0	TinyImageN ID 0.4 - 0.3 - 0.2 - 0.1 - 0.0 0.6 -	1.2 1.0 0.8 0.6 0.4 0.2 0.0	u_22 Layer M 1.0 0.8 0.6 0.4 0.2 0.0
0.5 -	Cifar10 ID 0.4 -	SVHN 0.6 - 0.5 -	iSUN ID 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0	(Resize) 0.4 - 0.3 - 0.2 - 0.1 - 0.0	IN (Crop) 0.4	(Resize) TinyImag ID 0.4 - 0.3 - 0.2 - 0.1 - 0.0	et (Crop) TinyIm 0.4 - 0.3 - 0.2 - 0.1 - 0.0	1.0 - 0.8 - 0.6 - 0.4 - 0.2 - 0.0	Uniform 1.0
All	Cifar10	SVHN	isun	LSUN (Resize)	LSUN (Crop)	geNet (Resize) T	nageNet (Crop)	Gaussian	ver Max_relu_24 Uniform ID
0.4 - AII 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	0.4 LSUN (Crop)	TinylmageNet (Resize) 10.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0	TinyImageNet (Crop) ID 0.4 - 0.3 - 0.2 - 0.1 - 0.0	Gaussian 1.0 0.8 0.6 0.4 0.2 0.0	Layer Max_relu_ Uniform 1.0 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	0.3 - 0.2 - 0.1 -	0.4 LSUN (0.3 - 0.2 - 0.1 -	TinylmageNet (1D4 0.3 0.2 0.1 0.0	0.8 - Gau 0.6 - ID 0.4 - 0.2 - 0.0	25 Layer Max 0.7 - Un 0.6 - 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0
0.5 - 0.4 -	0.4 - 0.3 -	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	Crop)	0.3 - 0.2 - 0.1 -	0.5 - Tinylma ID ₄ - 0.3 - 0.2 - 0.1 - 0.0	0.8 - 0.6 - 0.4 - 0.2 - 0.0	relu_26 Laye 0.8 - 0.6 - 0.4 - 0.2 - 0.0 1.0 -
All ID 0.	Cifar10 0	0.: 0.: 0.: 0.:	0 0 0 0 0	USUN (Resize) ID O.: O.: O.: O.: O.:	LSUN (Crop) 0	peNet (Resize) Tiny ID 0	ageNet (Crop) Til O.:	Gaussian 0.5	Uniform ID 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.
4 - AII ID	Cifar10 ID	SVHN ID 3 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	isun ID	LSUN (Resize) ID 1 -	LSUN (Crop)	ImageNet (Resize)	hylmageNet (Crop)	Gaussian ID	Layer Max_relu_28 Uniform ID 4 -
0.6 0.5 0.4 0.3 0.2 0.1 -2.5 0.0 2.5	0.4 - Cifar10 1D 0.2 - 0.1 - 0.0	0.6 - SVHN 0.5 - ID	0.5 - iSUN ID	0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.4 - 0.3 - 0.2 - 0.1 - 0.0	TinyImageNet (Resize) ID 0.4 0.3 - 0.2 - 0.1 - 0.0	TinylmageNet (Crop) 0.4 - 0.3 - 0.2 - 0.1 - 0.0	1.0 - Gaussian ID 0.8 - 0.6 - 0.4 - 0.2 - 0.0	Layer Max_relu_2 1.2 - Uniform 1.0 - 0.8 - 0.6 - 0.4 - 0.2 - 0.0
0.5 -	0.4 - Cifar	0.4 - SVI 0.4 - ID 0.2 - 0.1 - 0.0	0.4 - iSI 0.3 - 0.2 - 0.1 - 0.0	USUN (Resiz ID 0.3 - 0.2 - 0.1 -	0.5 - LSUN (Cro	TinyImageNet (Resiz	0.5 - TinylmageNet (Cro	1.0 - Gaussi ID 0.8 - 0.6 - 0.4 - 0.2 - 0.0	9 Layer Max_re 1.0 0.8 - Unifo ID 0.6 - 0.4 - 0.2 - 0.0
0.30 - 0.25 - 0.25 - 0.25	0.30 - 0.25 -	0.30 - 0.25 - 0.20 - 0.15 - 0.10 - 0.05 - 0.00	0.30 - 0.25 - 0.20 - 0.15 - 0.10 - 0.05 - 0.00	0.10 LSUN 1D 0.25 0.20 - 0.15 - 0.10 - 0.05 - 0.00	0.30 - LSU	TinyImageNet ID 0.25 - 0.20 - 0.15 - 0.10 - 0.05 - 0.00	0.25 - 0.20 - 0.15 - 0.10 - 0.05 - 0.00	0.8 - 0.6 - 0.4 - 0.2 - 0.0	0.6 - 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0
	Cifar10	SVHN	iSUN ID	(Resize)	N (Crop)	(Resize)	t (Crop)	aussian	uniform