0.35 - 0.30 - 0.25 - $\overline{=}$ 0.20 - 0.15 - 0.10 - 0.05 - 0.00 - -5	0.4 0.3 0.2 0.1	0.35 - 0.30 - 0.25 - NHX 0.20 - 0.15 - 0.10 - 0.05 - 0.00 -	0.4 - 0.3 - NOSI 0.2 - 0.1 -	CSON (Resize) 0.30	0.0 LS ID (Cob) NOS - 0.1 - 0.0 - 0.	TinylmageNet (Res 0.0 -	Tinylmage ID 0.30 - 0.25 - 0.20 - 0.15 - 0.10 - 0.05 - 0.00 - 0.04 - 0.0	0.8 - UBUSSIAN 0.6 - 0.4 - 0.2 -	0.8 - United at 10 to 10
0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.6 - 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.5 - ID 0.4 - 0.3 - 0.2 - 0.1 - 0.0	iSUN   0.6 -	(Resize)  0.5  0.4 -  0.3 -  0.2 -  0.1 -  0.0	0.6 0.4 0.3 0.2 0.1	(Resize) TinyImag ID 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 -	Min_out Lay 0.6 - 0.5 - 0.4 - 0.3 - 0.1 - 0.0 - 0.5 - 0.1 - 0.0 - 0.5 - 0.5 - 0.7 - 0.8 - 0.9 -
AII O.	Cifar10 0 1D 0 0 0	SVHN 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	iSUN 0.00000000000000000000000000000000000	LSUN (Resize) ID  0 0 0 0 0	LSUN (Crop) 0  1D 0  0  0  0	Tiny ID O O O O O O O O O O O O O O O O O O	nageNet (Crop) Till ID 0.:	1.0 0.0	yer Min_relu_32 Uniform ID 1.5 0.6
AII ID	.4 - Cifar10 ID	SVHN ID ID	iSUN ID	LSUN (Resize) ID	LSUN (Crop) ID .43210	ylmageNet (Resize)  .5 .4321 -	inylmageNet (Crop)	.0 - ID ID ID	Layer Min_relu_0  Uniform  ID  55 -
0.4 - AII ID	0.6 0.5 - Cifar10 ID	0.5 - SVHN ID ID O.4 - 0.3 - 0.2 - 0.1 - 0.0	0.4 - iSUN ID	0.5 LSUN (Resize) ID 0.4 0.3 - 0.1 - 0.0	0.1 - 0.0 LSUN (Crop)	TinyImageNet (Resize) ID <sub>0.4</sub> - 0.3 - 0.2 - 0.1 - 0.0	TinyimageNet (Crop) 0.3 - 0.2 - 0.1 - 0.0 -	0.8 - ID	Layer Min_relu_1  1.0 - Uniform ID  0.8 - 0.6 - 0.4 - 0.2 - 0.0
0.4 - All ID	0.5 0.4 - Cifar10 ID	0.7 - SVHN 0.6 - ID	0.4 - iSUN ID	LSUN (Resize) ID  0.3 - 0.1 - 0.0	0.1 - LSUN (Crop) ID 0.3 - 0.1 - 0.0	TinylmageNet (Resize) ID  0.3 - 0.2 - 0.1 -	TinylmageNet (Crop) 0.3 - 0.2 - 0.1 -	0.5 - Gaussian ID 0.4 - 0.3 - 0.2 - 0.1 - 0.0	Layer Min_relu_2  0.6 - Uniform ID
0.4 - All	0.5 - Cifar10	0.4 - SVHN ID ID O.3 - 0.1 - 0.0	0.4 - iSUN ID	USUN (Resize) ID 0.3 - 0.2 - 0.1 -	0.4 LSUN (Crop) ID  0.3 -  0.2 -  0.1 -	TinylmageNet (Resize) ID  0.3 - 0.2 - 0.1 -	Tiny mageNet (Crop)  1D  0.3 -  0.2 -  0.1 -	0.4 Gaussian ID 0.3 - 0.1 - 0.0	2 Layer Min_relu 0.5 - Uniform 0.4 - 0.3 - 0.2 - 0.1 - 0.0
0.4 - A ID 0.2 - 0.1 - 0.0 0	0.4 - Cifar1 ID  0.3 - 0.2 - 0.1 - 0.0	0.4 - SVHI ID 0.3 - 0.2 - 0.1 -	0.4 - iSUI 0.3 - 0.2 - 0.1 - 0.0	0.3 - 0.2 - 0.1 - 0.0	0.1 - LSUN (Crop ID	0.3 - 0.2 - 0.1 - 0.0	TinylmageNet (Crop 0.3 - 0.2 - 0.1 -	0.6 - Gaussia 0.5 - ID 0.3 - 0.2 - 0.1 - 0.0	Uniform 1D
0.4 - A	0.4 - Cifar1	0.4 - SVH ID 0.3 - 0.2 - 0.1 - 0.0	0.4 - iSU ID	0.2 - 0.1 - 0.0	0.4 LSUN (Cross ID) 0.3 - 0.2 - 0.1 - 0.0	TinylmageNet (Resize	TinylmageNet (Crop ID 0.3 - 0.2 - 0.1 - 0.0	0.5 - Gaussia 0.4 - ID 0.3 - 0.2 - 0.1 - 0.0	Layer Min_rel 0.6 0.5 0.4 0.3 0.2 0.1
0.4 - ID 0.3 -	0.5	0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.6 - 0.5 -	0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.1 - LSUN ID 0.3 - 0.1 - 0.0	TinyImageNet (RID) 10.5	(D) (TinyImageNet ID) (0.4 - 0.2 - 0.1 - 0.0	0.8 - ID  0.6 -  0.4 -  0.2 -  0.0	1.0 - UI 0.8 - 0.6 - 0.4 - 0.2 - 0.0 1.0 - 0.10
AII   0.4 -	Cifar10	SVHN ID 0.4 - 0.3 - 0.2 - 0.1 - 0.0	iSUN   0.5 - 0.4 -	(Resize)  0.4 -  0.3 -  0.2 -  0.1 -  0.0	0.3 - 0.2 - 0.1 -	(Resize) TinyImage ID 0.4 0.3 - 0.2 - 0.1 - 0.0	0.3 - 0.2 - 0.1 -	0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0	Uniform   0.6 -   0.5 -   0.4 -   0.3 -   0.2 -   0.1 -   0.0
0.4 - 0.3 -	Cifar10 0.4 -	SVHN 0.4 - 0.3 - 0.2 - 0.1 - 0.0	iSUN 0.4 - ID 0.3 -	USUN (Resize) ID  0.3 -  0.1 -  0.0	USUN (Crop) ID  0.4  0.2 -  0.1 -	geNet (Resize) Tinylm ID 0.3 - 0.2 - 0.1 - 0.0	ageNet (Crop) Tinyl ID 0.3 - 0.1 - 0.0	0.6 - 0.4 - 0.2 - 0.0 -	yer Min_relu_7  Uniform  1.2 -  0.8 -  0.6 -  0.4 -  0.2 -  0.0
AII	Cifar10	SVHN	isun ID	LSUN (Resize)	LSUN (Crop)	nageNet (Resize) Ti	/ImageNet (Crop)	ID	Uniform ID
0.4 - AII ID ID	0.4 - Cifar10 ID	0.4 - SVHN ID 0.3 - 0.2 - 0.1 - 0.0	0.4 - iSUN ID	LSUN (Resize) 1D 0.3 - 0.2 - 0.1 - 0.0	0.4 LSUN (Crop) ID 0.3 - 0.2 - 0.1 - 0.0	0.2 - 0.1 - 0.0	TinyImageNet (Crop) ID 0.3 - 0.2 - 0.1 - 0.0	1.4 - Gaussian ID	Layer Min_relu_9  1.4 - Uniform  1.2 - 1.0 - 0.8 - 0.6 - 0.4 - 0.2 - 0.0
0.4 - AII ID	0.4 - Cifar10	0.4 - SVHN ID  0.3 - 0.2 - 0.1 - 0.0	0.4 - iSUN ID	0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.1 - LSUN (Crop) ID 0.3 - 0.1 - 0.0	TinyImageNet (Resize) ID).4 - 0.3 - 0.2 - 0.1 -	TinylmageNet (Crop) ID  0.3 - 0.2 - 0.1 -	0.5 - ID	Layer Min_relu_: 0.7 0.6 0.5 0.4 0.3 0.2 0.1 0.6
0.4 -	0.4 - Cifar	0.4 - SV ID 0.3 - 0.2 - 0.1 - 0.0	0.5 - iS	0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.7 - LSUN (Cro 0.6 ID  0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0	TinylmageNet (Resize 1D).4 - 0.3 - 0.2 - 0.1 - 0.0	TinylmageNet (Cro	1.0 - ID  0.8 -  0.6 -  0.4 -  0.2 -  0.0	1.4 - Unifo 1.2 - 1.0 - 0.8 - 0.6 - 0.4 - 0.2 - 0.0
AII 0.4 - ID 0.3 -	0.5	0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.4 -	0.4 - 0.3 - 0.2 - 0.1 - 0.0 - 0.5 -	0.1 - 0.0 LSUI ID 0.3 - 0.1 - 0.0	TinyImageNet ID 0.4 - 0.3 - 0.2 - 0.1 - 0.0	TinylmageNe	0.6 - 0.4 - 0.2 - 0.0 -	0.7 - 0.6 - 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0
AII ID 0.3 -	Cifar10 ID 0.4 -	SVHN ID 0.4 - 0.3 - 0.2 - 0.1 -	iSUN ID 0.4 -	(Resize) 0.4 0.3 - 0.2 - 0.1 - 0.0	0.1 - 0.0	(Resize) Tinylma ID 0.4 - 0.2 - 0.1 - 0.0	0.3 - 0.2 - 0.1 -	0.8 - 0.6 - 0.4 - 0.2 -	Uniform   0.7 -   0.6 -   0.5 -   0.4 -   0.3 -   0.2 -   0.1 -   0.0
AII ID	Cifar10	SVHN ID O	isun ID 0	LSUN (Resize) ID  0  0	LSUN (Crop) ID O	ageNet (Resize) Tin	mageNet (Crop)	ID 0	yer Min_relu_13  Uniform ID  0  0
0.4 - AII ID ID	0.4 - Cifar10	0.4 - SVHN ID 0.3 - 0.1 - 0.0	).5 - ).4 - iSUN	LSUN (Resize) ID 0.4 - 0.2 - 0.1 - 0.0 -	LSUN (Crop) ID 0.3 - 0.1 -	0.4 - 0.3 - 0.2 - 0.1 - 0.0	D.3 - 0.2 - 0.1 - 0.5 -	0.8 - ID	Layer Min_relu_14  1.0 - Uniform  1.
0.4 -	0.4 - Cifar I	0.4 - SVH ID 0.3 - 0.2 - 0.1 - 0.0	0.5 - 0.4 - iSU ID	0.3 - 0.2 - 0.1 -	0.4 LSUN (Cro ID) 0.3 - 0.2 - 0.1 -	TinyImageNet (Resized 1D <sub>0.4</sub> - 0.3 - 0.2 - 0.1 - 0.0	Tiny mageNet (Cro	0.4 - 0.2 -	Layer Min_relication of the control
0.4 -	0.4 -	0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.5 - 0.4 -	0.5 - LSUN (I 0.3 - 0.2 - 0.1 -	0.3 - 0.2 - 0.1 - 0.0	TinyImageNet (IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	0.3 - 0.2 - 0.1 - 0.0	0.8 - ID  0.6 -  0.4 -  0.2 -  0.0	0.8 - U U U U U U U U U U U U U U U U U U
AII 0.4 - 0.3 -	Cifar10   0.4 -	O.4 - O.3 - O.2 - O.1 - O.0	iSUN 0.5 - ID 0.4 -	(Resize)  0.3 -  0.2 -  0.1 -  0.0	0.3 - 0.2 - 0.1 -	(Resize) TinyImagel ID 0.4 0.3 - 0.2 - 0.1 - 0.0	0.3 - 0.2 - 0.1 -	1.50 - 1.25 - 1.00 - 0.75 - 0.50 - 0.25 - 0.00	n_relu_16
0.4 -	Cifar10   0.4 -	0.4 - 0.3 - 0.2 - 0.1 - 0.0	iSUN ID 0.4 -	0.3 - 0.2 - 0.1 - 0.0	SUN (Crop) 0.3 - 0.2 - 0.1 -	1et (Resize) TinyIma ID 0.3 - 0.2 - 0.1 - 0.0	0.3 - 0.2 - 0.1 - 0.0	0.7 - 0.6 - 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0	Min_relu_17 Uniform 0.6 - 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0
AII	Cifar10	SVHN	iSUN ID	LSUN (Resize)	LSUN (Crop)	ageNet (Resize)	nageNet (Crop)	ID	yer Min_relu_18 Uniform ID
0.4 - All ID ID	0.4 - Cifar10 ID	0.4 - SVHN ID	0.5 - iSUN ID	0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.4 LSUN (Crop) ID 0.3 - 0.1 - 0.0	TinyImageNet (Resize) 1D  0.4 - 0.3 - 0.2 - 0.1 - 0.0	TinylmageNet (Crop) ID 0.3 - 0.2 - 0.1 -	1.2 - ID  1.0 - 0.8 - 0.6 - 0.4 - 0.2 - 0.0 - 0.5	Layer Min_relu_19 1.0 0.8 0.6 0.4 0.2 0.0
0.4 - Al	0.4 - Cifar10	0.4 - SVHN ID  0.3 - 0.2 - 0.1 - 0.0	0.5 - iSUN 0.4 -	0.4 - 0.3 - 0.1 - 0.0	0.1 - LSUN (Crop ID 0.3 - 0.1 - 0.0	TinylmageNet (Resize ID 0.4 - 0.2 - 0.1 - 0.0	0.3 - 0.2 - 0.1 - 0.0	0.6 - 0.4 - 0.2 - 0.0 0.5 -	Dayer Min_relu  Uniform ID  0.6 -  0.4 -  0.2 -  0.0
0.4 -	0.4 - Cifa	0.4 - SN ID  0.3 - 0.2 - 0.1 - 0.0	0.4 - is	0.3 - 0.2 - 0.1 - 0.0	0.4 LSUN (Cr ID 0.3 - 0.2 - 0.1 -	TinylmageNet (Res ID 0.3 - 0.2 - 0.1 - 0.0	TinylmageNet (Cr ID 0.3 - 0.2 - 0.1 -	1.2 - Gauss 1.0 - O.8 - O.6 - O.4 - O.2 - O.0	20 Layer Min_re 1.0 - Unifo 0.8 - Unifo 0.6 - Unifo 0.0 - Unifo 0.0 - Unifo 0.0 - Unifo 0.1 - Unifo 0.1 - Unifo 0.2 - Unifo 0.3 - Unifo 0.4 - Unifo 0.5 - Unifo 0.7 - Unifo 0.8 - Unifo 0.9 - Unifo 0.
0.4 -	0.5	0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.5 - 0.4 -	DESUN (FOR ID)  0.4 -  0.3 -  0.2 -  0.1 -  0.0	0.3 - 0.2 - 0.1 - 0.0	TinylmageNet (FID 0.4 - 0.3 - 0.2 - 0.1 - 0.0	TinyimageNet ID 0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.8 - ID  0.6 -  0.4 -  0.2 -  0.0	0.8 - U U U U U U U U U U U U U U U U U U
AII 0.4 -	0.4 -	O.4 - 0.3 - 0.2 - 0.1 - 0.0	iSUN   0.6 - 0.5 - 0.4	0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.3 - 0.2 - 0.1 - 0.0	TinyImageN ID0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0	(Crop) Tiny mag. 1D 0.4 - 0.3 - 0.2 - 0.1 - 0.0 0.6 - 0.6	0.8 - 0.6 - 0.4 - 0.2 - 0.0	_relu_22
AII 0.4 -	Cifar10 0.5 - 0.4 -	SVHN 0.4 - 0.3 - 0.2 - 0.1 - 0.0	iSUN 0.6 - 0.5 -	0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0	SUN (Crop) D  0.3 -  0.2 -  0.1 -	Net (Resize) Tinylm ID <sub>0.5</sub> -  0.4 -  0.3 -  0.1 -  0.0	eNet (Crop)  Tinyi  0.4 -  0.3 -  0.1 -  0.0	0.8 - 0.8 - 0.4 - 0.2 - 0.0	Uniform   0.8 - 0.6 - 0.4 - 0.2 - 0.0
All	Cifar10	SVHN	iSUN ID	LSUN (Resize)	LSUN (Crop)	nageNet (Resize)	/ImageNet (Crop)	- Gaussian	Layer Min_relu_24  Uniform ID
0.7 - All ID	0.4 - Cifar10 ID	0.8 - SVHN ID ID O.6 - 0.4 - 0.2 - 0.0	0.8 - iSUN ID	0.6 - 0.4 - 0.2 - 0.0	0.7 LSUN (Crop) ID 0.6 - 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0	TinyImageNet (Resize) ID 0.8  0.6 - 0.4 - 0.2 - 0.0	TinylmageNet (Crop)  D   0.8	1.0 - ID  0.8 - 0.6 - 0.4 - 0.2 - 0.0 - 1.	Layer Min_relu_2!  1.50 - Uniform ID  1.25 - 1.00 - 0.75 - 0.50 - 0.25 - 0.00
0.4 - All ID	0.5 Cifar1	0.4 - SVH ID 0.3 - 0.2 - 0.1 - 0.0	0.5 - iSU ID	0.4 - 0.3 - 0.1 - 0.0 0.6 - 0.0 0.6 - 0.1 - 0.0 0.6 - 0.1 - 0.0 0.6 - 0.1 - 0.0 0.0 0.6 - 0.1 - 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.1 - LSUN (Crop ID) 0.2 - 0.1 - 0.0	TinyImageNet (Resize ID 0.4 - 0.3 - 0.2 - 0.1 - 0.0	TinylmageNet (Crop ID 0.4 - 0.3 - 0.2 - 0.1 - 0.0	1.0 - Gaussia ID	5 Layer Min_relu  0.8 - Uniform  0.6 -
0.4 -	0.4 - Ci	0.4 - 0.3 - 0.2 - 0.1 -	0.5 - 0.4 -	e) LSUN (Re ID 0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.1 - LSUN (ID) 0.3 - 0.1 - 0.0	e) TinylmageNet (Re ID 0.4 0.3 - 0.2 - 0.1 - 0.0	D TinyimageNet ( ID 0.4 - 0.2 - 0.1 - 0.0 -	0.8 - ID  0.6 -  0.4 -  0.2 -  0.0	u_26 Layer Min_  0.8 - Un  0.6 - 0.4 - 0.2 - 0.0
0.4 -	0.4 -	0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0	iSUN ID 0.4 -	Size)	0.1 - USUN ID	TinyImageNet (ID <sub>0.4</sub> - 0.3 - 0.2 - 0.1 - 0.0	0.3 - 0.2 - 0.1 - 0.0 0.5 - 0.5	0.8 - ID  0.6 -  0.4 -  0.2 -  0.0	form 0.8 - U. 0.6 - 0.4 - 0.2 - 0.0
0.5 - 1D 0.4 -	Cifar10 0.6 - 0.5 -	0.8 - ID 0.6 - 0.4 - 0.2 -	iSUN ID 0.4 -	(Resize) 0.4 0.3 - 0.2 - 0.1 -	0.7 0.6 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0	(Resize) Tinylma ID 0.4 0.3 0.2 0.1	Tinyin  1D  0.5 -  0.4 -  0.3 -  0.2 -  0.1 -  0.0	1.2 - 1.0 - 0.8 - 0.6 - 0.4 - 0.2 - 0.0	n_relu_28
AII O.S	Cifar10 0.4	0.5 SVHN 1D 0.4 0.3 0.2 0.3	iSUN 0.4	USUN (Resize) 10 0.3 0.3 0.5	0.5 LSUN (Crop) 1D 0.5 0.5 0.5 0.5 0.6	O.3  O.3  O.4  O.5	0.2 0.2	0.6 0.6 0.7 0.7	yer Min_relu_29  Uniform 1.2 0.8 0.6 0.4 0.2 0.0
5 - All ID	4 - Cifar10 ID	SVHN ID ID ID ID	iSUN ID	LSUN (Resize)  ID  1 -	LSUN (Crop) ID  3 -	ImageNet (Resize)  T  II	nylmageNet (Crop)	Gaussian ID	Layer Min_relu_30  2 - Uniform ID  0 - 8 - 6 - 4 - 2 - 0
0.6 - All ID ID	0.4 - Cifar10 ID	0.6 - SVHN ID	0.5 - ISUN ID ID	LSUN (Resize) ID 0.4 - 0.3 - 0.2 - 0.1 -	LSUN (Crop) 1D 0.4 - 0.3 - 0.2 - 0.1 - 0.0	0.4 - 0.3 - 0.1 - 0.0	TinylmageNet (Crop) ID 0.4 - 0.3 - 0.1 - 0.0	1.0 - Gaussian ID	Layer Min_relu_3  1.0 - Uniform  0.8 - 0.6 - 0.4 - 0.2 - 0.0