| 0.20 - 0.15 - 0.10 - 0.05 - 0.00 | 0.20 - 0.15 - 0.10 - 0.05 - | 0.20 - 0.15 - NHXS 0.10 - 0.05 - 0.00 | 0.20 - 0.15 - NOS: 0.10 - 0.05 - 0.00 | LSUN (Resize) 0.00 - 0.00 - 0.00 | 0.20 | Tinylmage Net (Ress of 10 of 1 | TinylmageNet (Cr. 0.10 - 0.10 - 0.00 | 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - | 0.5 - 0.4 - 0.3 - 0.1 - 0.0 - |
|---|--|--|--|---|-----------------------------|--|---|--|--|
| AII 0 0 | Cifar10 0 | SVHN O O O O O O O O O O | isun o | UN (Resize) 0 0 0 0 0 0 | SUN (Crop) 0 | Net (Resize) Tin ID 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | eNet (Crop) 0 0 0 0 0 | Gaussian ID 1 0 0 0 0 0 0 | Uniform ID 1 1 0 0 0 0 0 0 0 0 1 |
| 0.6 - All ID | 0.7 - Cifar10 ID | 0.6 - SVHN ID | 0.6 - iSUN ID | LSUN (Resize) 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0 | LSUN (Crop) | nylmageNet (Resize) 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0 | Tiny mageNet (Crop) ID 0.5 0.4 0.3 0.2 0.1 | Gaussian 1.0 - ID 0.8 - 0.6 - 0.4 - 0.2 - 0.0 | Layer Max_relu_3 1.4 1.2 1.0 1.0 0.8 0.6 0.4 0.2 0.0 |
| 0.5 - | 0.5 - Cifar | 0.5 - SVH 0.4 - 0.3 - 0.2 - 0.1 - 0.0 | 0.5 - isl | 0.4 - 0.3 - 0.2 - 0.1 - 0.0 | 0.5 - LSUN (Cro | TinyImageNet (Resiz ID | TinyImageNet (Cro | Gaussi ID 0.4 - 0.2 - | 0.8 - Unifor ID |
| 0.4 - | 0.4 - Ci | 0.6 - 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0 | 0.4 - 0.3 - | 0.3 - 0.2 - 0.1 - 0.0 | 0.4 LSUN (| TinyImageNet (Re ID | TinyImageNet (ID 0.3 - 0.2 - 0.1 - 0.0 | 0.8 - Gau ID 0.6 - 0.4 - 0.2 - 0.0 | 0.8 - Un Un ID UN |
| AII 0.4 - | 0.4 - | SVHN 1.0 - ID 0.8 - 0.6 - 0.4 - 0.2 - 0.0 | iSUN 0.4 - | esize) 0.3 - 0.2 - 0.1 - 0.0 | (Crop) 0. | esize) TinylmageN ID 0.3 - 0.2 - 0.1 - 0.0 | (Crop) TinyImage ID 0.3 - 0.2 - 0.1 - 0.0 | 0.6 - 0.4 - 0.2 - | c_relu_1 Layer 0.8 - 0.6 - 0.4 - 0.2 - 0.0 0.8 - |
| AII ID 0.4 | Cifar10 ID 0.4 | SVHN ID 0.4 0.3 0.2 0.1 0.0 | iSUN 0.4 | UN (Resize) 0.4 0.3 0.2 0.1 0.0 | SUN (Crop) | Net (Resize) Tinyli ID 0.3 0.2 0.1 | eNet (Crop) 0.3 0.2 0.1 0.0 | Gaussian 0.8 1D 0.6 0.4 0.2 0.0 | Max_relu_2 Uniform |
| 4 - AII ID | 4 - Cifar10 | 3 - ID SVHN ID ID ID | 4 - isun | LSUN (Resize) ID 1 - | LSUN (Crop) | /ImageNet (Resize) | nylmageNet (Crop) | 6 - Gaussian ID | Layer Max_relu_3 8 - Uniform ID 6 - 4 - 2 - 0 |
| 0.4 - AII ID | 0.4 - Cifar10 ID | 0.5 - SVHN ID O.4 - 0.3 - 0.2 - 0.1 - 0.0 | 0.4 - iSUN ID | LSUN (Resize) ID 0.3 - 0.2 - 0.1 - | 0.4 LSUN (Crop) | TinyImageNet (Resize) ID 0.3 - 0.2 - 0.1 - | TinyImageNet (Crop) ID 0.3 - 0.2 - 0.1 - 0.0 | Gaussian 0.4 - ID 0.3 - 0.2 - 0.1 - 0.0 | Layer Max_relu 0.5 - Uniform ID 0.4 - 0.3 - 0.2 - 0.1 - 0.0 |
| 0.4 - | 0.4 - Cifar | 0.6 - SVI 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0 | 0.6 - iSU | 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0 | LSUN (Cro | TinyImageNet (Resiz ID 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0 | TinylmageNet (Cro | 0.8 - Gaussi 0.8 - ID 0.6 - 0.4 - 0.2 - 0.0 | 4 Layer Max_re 1.0 - Uniform 0.8 - Uniform 0.0 - Uniform 0 |
| AII 0.4 - ID 0.3 - | 0.4 - | 0.4 - 0.3 - 0.2 - 0.1 - 0.0 | SUN D 0.4 - | 0.3 - 0.2 - 0.1 - | rop) 0.4 L | 0.3 - 0.2 - 0.1 - | Tinylmag ID 0.3 - 0.2 - 0.1 - | 0.6 - 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0 | relu_5 0.7 - 0.6 - 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0 - |
| All O. | Cifar10 ID 0. | SVHN ID 0. 0. 0. 0. 0. 0. | iSUN O. | D 0. 0. 0. 0. 0. 0. | LSUN (Crop) 0. | eNet (Resize) Tiny ID 0. 0. 0. 0. 0. | 0. 0. 0. 0. 0. | Gaussian 1. 0. 0. 0. 0. 0. 0. | Uniform 1. 0. 0. 0. 0. 0. 0. |
| .4 - All ID | .4 - Cifar10 | .4 - SVHN ID .310 | .5 - iSUN | LSUN (Resize) ID .4321 - | LSUN (Crop) | ylmageNet (Resize) .54321 - | inylmageNet (Crop) .4310 | Gaussian ID .0 .8 .6 .4 .2 .0 | Layer Max_relu_7 .2 - Uniform ID .08642 - |
| 0.4 - A | 0.4 - Cifar1 | 0.4 - SVHI ID 0.3 - 0.2 - 0.1 - 0.0 | 0.5 - iSUI | USUN (Resize ID | 0.4 LSUN (Crop | TinyImageNet (Resize ID 0.4 - 0.3 - 0.1 - 0.0 | TinyImageNet (Crop ID 0.3 - 0.2 - 0.1 - 0.5 - | 0.8 - Gaussia ID 0.6 - 0.4 - 0.2 - 0.0 | Uniform ID |
| O.4 - | 0.4 | 0.4 - 0.3 - 0.2 - 0.1 - 0.0 | 0.5 - 0.4 - | e) | p) LSU | e) TinylmageNet ID _{0.5} - 0.4 - 0.3 - 0.2 - 0.1 - 0.0 | D TinyImageN ID 0.4 - 0.3 - 0.2 - 0.1 - 0.0 | 0.8 - 0.6 - 0.4 - 0.2 - 0.0 | 0.8 - Uayer M 0.8 - Uayer M 0.6 - Uayer M 0.6 - Uayer M |
| All ID 0.4 | Cifar10 | 0.2 0.3 0.2 0.1 | iSUN 0.5 | 0.2 0.3 0.2 0.1 | JN (Crop) 0.2 | 0.3 0.2 0.3 0.1 | 0.5 Tir ID 0.3 0.2 0.1 | 0.2 0.2 | 0.6 Uniform ID 0.6 0.2 0.0 0.0 |
| .4 - All ID | Cifar10 | 3 - SVHN ID | .5 - iSUN ID | LSUN (Resize) ID .43210 | LSUN (Crop) | ylmageNet (Resize) | inylmageNet (Crop) | Gaussian ID | Layer Max_relu_10 .8 - Uniform ID .6420 |
| 0.4 - | 0.4 - Cifar: | 0.4 - SVH 0.3 - 0.2 - 0.1 - 0.0 | 0.5 - iSU | 0.6 - LSUN (Resiz 0.5 ID 0.4 - 0.3 - 0.2 - 0.1 - 0.0 | LSUN (Cro | TinyImageNet (Resiz ID 0.5 0.4 - 0.3 - 0.2 - 0.1 - 0.0 1 | TinyImageNet (Cro | Gaussia ID 0.8 - 0.6 - 0.4 - 0.2 - 0.0 | Layer Max_rel 1.0 0.8 0.6 0.4 0.2 0.0 |
| 0.4 - | 0.4 - | 0.4 - 0.3 - 0.2 - 0.1 - | JN 0.4 - | 0.3 - 0.2 - 0.1 - 0.0 | 0.4 LS | 0.3 - 0.2 - 0.1 - | 0.3 - 0.2 - 0.1 - | 0.6 - 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0 | 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0 |
| AII 0.4 - | Cifar10 0.4 - | 0.4 - 0.3 - 0.1 - 0.0 | 0.6 - ID 0.5 - | 0.6 0.4 0.3 0.2 0.1 0.0 | JN (Crop) | 1 (Resize) TinyIm ID 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0 | 0.6 - Tinyl ID5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0 | Gaussian ID 1.0 - 0.8 - 0.6 - 0.4 - 0.2 - 0.0 | Uniform ID 1.0 - 0.8 - 0.6 - 0.4 - 0.2 - 0.0 |
| All | Cifar10 | SVHN | iSUN ID | LSUN (Resize) | LSUN (Crop) | ageNet (Resize) | mageNet (Crop) | Gaussian | yer Max_relu_13 Uniform ID |
| 0.4 All ID | 0.4 - Cifar10 | 0.4 - SVHN ID 0.3 - 0.2 - 0.1 - 0.0 | 0.4 - iSUN | 0.5 LSUN (Resize) ID 0.4 - 0.3 - 0.2 - 0.1 - 0.0 | 0.4 LSUN (Crop) | TinyImageNet (Resize) ID 0.3 - 0.2 - 0.1 - 0.0 | TinylmageNet (Crop) 0.3 - 0.2 - 0.1 - 0.5 - | 0.6 - 0.4 - 0.2 - 0.0 | Layer Max_relu_ 0.7 - Uniform 0.6 - 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0 |
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| 0.4 - | far10 0.4 - | 0.4 - 0.3 - 0.2 - 0.1 - 0.0 | 0.4 - | 0.3 - 0.2 - 0.1 - | Crop) 0.4 LS | 0.3 - 0.2 - 0.1 - | (Crop) Tiny mage ID 0.3 - 0.2 - 0.1 - 0.0 | 0.8 - 0.6 - 0.4 - 0.2 - 0.0 | relu_15 Layer I 0.8 - 0.6 - 0.4 - 0.2 - 0.0 - |
| All ID | Cifar10 | 0. O. O. O. O. | iSUN 0. | JN (Resize) 0. 0. 0. 0. 0. 0. | SUN (Crop) 0. | 1et (Resize) Tiny ID 0. 0. 0. 0. 0. 0. 0. | 0. 0. 0. 0. 0. | Gaussian 1. 0. 0. 0. 0. 0. 0. | Max_relu_16 Uniform 1. 0. 0. 0. 0. |
| D.4 - All ID | Cifar10 ID | 0.4 - SVHN ID 0.3 - 0.1 - 0.1 - 0.0 | 0.6 - iSUN ID | LSUN (Resize) ID 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - | LSUN (Crop) | 0.5 - 0.4 - 0.2 - 0.1 - | CinylmageNet (Crop) D 0.4 - 0.3 - 0.1 - 0.0 | Gaussian ID I.0 - 0.8 - 0.6 - 0.4 - 0.2 - 0.0 | Layer Max_relu_17 1.0 - Uniform ID 0.8 - 0.4 - 0.2 - 0.0 |
| 0.4 - AII ID | 0.4 - Cifar10 | 0.4 - SVHN ID 0.3 - 0.1 - 0.0 | 0.4 - iSUN | 0.5 LSUN (Resize) 0.4 ID 0.3 - 0.2 - 0.1 - | 0.4 LSUN (Crop) | TinyImageNet (Resize) ID).4 - 0.3 - 0.1 - 0.0 | TinylmageNet (Crop) 104 0.3 0.2 0.1 | 0.8 - Gaussian ID 0.6 - 0.4 - 0.2 - | Layer Max_relu 0.8 - Uniform ID 0.6 - 0.4 - 0.2 - 0.0 |
| 0.4 - AII ID | 0.4 - | 0.4 - 0.3 - 0.2 - 0.1 - | 0.5 - | 0.4 - 0.3 - 0.2 - 0.1 - 0.0 | 0.4 LSUN (| TinyImageNet (R ID 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0 - | 0.5 TinylmageNet (ID 0.4 0.2 - 0.1 - 0.0 | 1.2 - Gau 1.0 - ID 1.0 - O.8 - O.6 - O.4 - O.2 - O.0 | Layer Max 1.0 - Ur 0.8 - Ur 0.6 - O.4 - O.2 - O.0 |
| 0.4 | 0.4 - 0.3 | 0.4 - O.3 - O.2 - O.1 - O.0 | 0.5 - ID 0.4 - | 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0 - | (Crop) 0.4 | Resize) TinyImag ID _{0.4} - 0.3 - 0.2 - 0.1 - | (Crop) Tinylma (D4 - 0.3 - 0.2 - 0.1 - 0.0 | 0.8 - 0.4 - 0.2 - 0.0 | 0.8 0.8 0.6 - 0.4 - 0.2 - 0.0 |
| All | Cifar10 | SVHN | iSUN ID | LSUN (Resize) | LSUN (Crop) | geNet (Resize) T | ageNet (Crop) | Gaussian | er Max_relu_20 Uniform ID |
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| 0.4 - AII | 0.4 - | 0.4 - 0.3 - 0.2 - 0.1 - | 0.6 | 0.4 - 0.3 - 0.2 - 0.1 - 0.0 |) 0.4 LSUN | TinyImageNet (FID).5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0 | TinylmageNet ID 0.4 - 0.3 - 0.2 - 0.1 - 0.0 - 0.6 - | 1.2 Ga 1.0 - ID 0.8 - O.6 - O.4 - O.2 - O.0 | 0.8 - U U U U U U U U U U U U U U U U U U |
| 0.5 - | Cifar10 D 0.4 - | SVHN 0.6 - 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0 | iSUN ID 0.5 - | 0.4 - 0.3 - 0.2 - 0.1 - 0.0 | (Crop) 0.4 | Resize) Tinylmagel ID 0.4 - 0.3 - 0.2 - 0.1 - 0.0 | (Crop) Tiny mag ID 0.4 - 0.3 - 0.2 - 0.1 - 0.0 | 0.8 - 0.6 - 0.4 - 0.2 - 0.0 | x_relu_23 |
| All ID 0. | Cifar10 | 0. SVHN 0. 0. 0. 0. 0. 0. | iSUN 0. | SUN (Resize) 0 0. 0. 0. 0. 0. | LSUN (Crop) 0. | eNet (Resize) Tiny ID. 0. 0. 0. 0. 0. | geNet (Crop) 0. 0. 0. 0. | Gaussian II. 0. 0. 0. 0. 0. 0. | Uniform ID 0. 0. 0. 0. 1. |
| 0.4 - All ID | 0.4 - Cifar10 | 0.4 - SVHN ID 0.3 - 0.1 - 0.1 - 0.0 | isun ID | LSUN (Resize) ID 0.4 - 0.3 - 0.1 - 0.0 | LSUN (Crop) | nylmageNet (Resize) 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - | inylmageNet (Crop) D 0.4 - 0.3 - 0.2 - 0.1 - | Gaussian ID | Layer Max_relu_25 Uniform 1D 0.6 - 0.4 - 0.2 - |
| 0.4 - A | 0.4 - Cifar1 | 0.4 - SVHI 0.3 - 0.2 - 0.1 - 0.0 | 0.5 - iSUI | USUN (Resize ID) 0.3 - 0.2 - 0.1 - | 0.4 LSUN (Crop | TinyImageNet (Resize ID).4 - 0.3 - 0.2 - 0.1 - 0.0 | TinylmageNet (Crop ID ⁴ 0.3 - 0.2 - 0.1 - | 0.8 - Gaussia ID 0.6 - 0.4 - 0.2 - 0.0 | Layer Max_relu 0.8 Uniform 1D 0.4 - 0.2 - |
| 0.5 - | 0.4 - | 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0 | 0.5 - 0.4 - | D LSUN ID 0.4 - 0.3 - 0.2 - 0.1 - 0.0 | LSU | TinyImageNet | 0.5 - TinylmageN ID | 0.8 - 0.6 - 0.4 - 0.2 - 0.0 | 0.8 - 0.6 - 0.4 - 0.2 - 0.0 |
| 0.4 - | Cifar10 0.4 - | SVHN ID 0.4 - 0.3 - 0.2 - 0.1 - 0.0 | iSUN 0.4 - | 0.3 - 0.2 - 0.1 - | UN (Crop) | (Resize) Tinylma ID 0.3 - 0.2 - 0.1 - 0.0 | Net (Crop) Tinylm ID 0.3 - 0.2 - 0.1 - 0.0 | 0.8 - 0.6 - 0.4 - 0.2 - 0.0 | Uniform 1.0 - 0.8 - 0.6 - 0.2 - 0.0 |
| All | Cifar10 | SVHN | iSUN ID | LSUN (Resize) | LSUN (Crop) | ageNet (Resize) | mageNet (Crop) | Gaussian | yer Max_relu_28 Uniform ID |
| 0.6 All O.5 - O.4 - O.3 - O.2 - O.1 - O.0 - 2.5 O.0 2.5 | 0.4 - Cifar10 ID 0.3 - 0.2 - 0.1 - 0.0 | 0.6 - SVHN 0.5 - ID 0.4 - 0.3 - 0.2 - 0.1 - 0.0 | 0.5 - ISUN ID | 0.4 - 0.3 - 0.2 - 0.1 - 0.0 | 0.4 - 0.3 - 0.2 - 0.1 - 0.0 | 0.3 - 0.1 - 0.0 | TinylmageNet (Crop) ID 0.4 - 0.3 - 0.1 - 0.0 | 1.0 - Gaussian ID 0.8 - 0.6 - 0.4 - 0.2 - 0.0 | Layer Max_relu_29 1.2 - Uniform ID 1.0 - Uniform ID 0.8 - Uniform ID 0.8 - Uniform ID |
| 0.5 - AI ID | 0.4 - Cifar10 | 0.4 - SVHN 0.4 - ID 0.2 - 0.1 - 0.0 | 0.4 - isun | LSUN (Resize) 0.3 - 0.2 - 0.1 - | 0.5 LSUN (Crop) | TinyImageNet (Resize) 1D0.4 0.3 0.2 0.1 | 0.5 - TinylmageNet (Crop) ID 0.4 0.2 - 0.1 - 0.0 | 1.0 - Gaussian ID 0.8 - 0.6 - 0.4 - 0.2 - 0.0 | Layer Max_relu 0.8 - Uniform ID 0.6 - 0.4 - 0.2 - 0.0 |
| 0.30 - All ID ID | 0.30 - Cir | 0.30 - 0.25 - 0.20 - 0.15 - 0.10 - 0.05 - 0.00 | 0.30 - | 0.30 LSUN (Rec ID 0.25 - 0.20 - 0.15 - 0.05 - 0.00 | 0.30 - LSUN ((| TinyImageNet (Re ID 0.25 - 0.20 - 0.15 - 0.10 - 0.05 - 0.00 | TinylmageNet (0 0.25 - 0.20 - 0.15 - 0.10 - 0.05 - 0.00 | 0.8 - Gau ID 0.6 - O.2 - O.0 | |
| | far10 | SVHN | ISUN ID | esize) | Crop) | esize) | Crop) | ssian | relu_3 |