| 0.20 - 0.15 - 0.10 - 0.05 - 0.00 | 0.20 -<br>0.15 -<br>0.10 -<br>0.05 -<br>0.00                              | 0.20 -<br>0.15 -<br>NHX<br>0.10 -<br>0.05 -<br>0.00              | 0.20 -<br>0.15 -<br>NOSI 0.10 -<br>0.05 -<br>0.00                | CSUN (Resize) 0.10 - 0.05 - 0.00   | 0.20 L<br>(do.15 - 0.00 ) NOST 0.05 - 0.00   | TinylmageNet (Residual of Control | Tinylmage O.10 - 0.10 - 0.00 - 0.00  | 0.5 -<br>0.4 -<br>ueissnau<br>0.3 -<br>0.2 -<br>0.1 -   | 0.5 - 0.4 - 0.3 - 0.1 - 0.0  |
|----------------------------------|---|--|--|--|--|--|--|---|--|
| 0.6 -<br>ID 0.5 -                | Cifar10<br>ID 0.6 -<br>0.5 -<br>0.4 -<br>0.3 -<br>0.2 -<br>0.1 -<br>0.0 - | SVHN   0.6 -   0.5 -   0.4 -   0.3 -   0.2 -   0.1 -   0.0 -     | iSUN ID 0.6 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0 -                      | (Resize)  0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0 - 0.0 - 0.0 - 0.1 - 0.0 - 0.0 - 0.1 - 0.0 - 0. | 0.6 = 0.4 - 0.3 - 0.2 - 0.1 - 0.0 -  | (Resize) Tinylm ID 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0 - | et (Crop) ID 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0 -   | 1.2 - 1.0 - 1.0 - 0.8 - 0.6 - 0.4 - 0.2 - 0.0 - | Max_out La 1.4 - 1.0 - 0.8 - 0.6 - 0.4 - 0.2 - 0.0 - 0 |
| AII 0.                           | Cifar10 ID 0. 0. 0. 0. 0. 0. 0.   | SVHN   0.000   | iSUN   0.  | LSUN (Resize) 1D 0. 0. 0. 0. 0.  | LSUN (Crop)  0.  0.  0.  0.  0.  0.  0.  | ageNet (Resize) Tiny ID 0.   | mageNet (Crop)  Ti 0. 0. 0. 0.   | Gaussian ID 0.  | yer Max_relu_32 Uniform ID 0. 0. 0.  |
| 0.5 - AII ID                     | Cifar10<br>ID<br>0.4 -<br>0.3 -<br>0.2 -<br>0.1 -                         | SVHN ID                      | iSUN<br>ID<br>0.4 -<br>0.3 -<br>0.2 -<br>0.1 -                   | LSUN (Resize) 1D 0.4 - 0.3 - 0.2 - 0.1 - 0.0   | D.5 - LSUN (Crop) ID   | 0.3 -<br>0.2 -<br>0.1 -  | Tiny mageNet (Crop) D 0.4 - 0.3 - 0.1 - 0.0 -  | Gaussian ID 0.6 - 0.4 - 0.2 - 0.0   | Layer Max_relu_0 Uniform ID 0.6 0.4 0.2  |
| 0.4 - AII ID                     | 0.4 - Cifar10 ID ID O.3 - 0.2 - 0.1 - 0.0                                 | 0.6 - SVHN ID ID O.4 - 0.3 - 0.2 - 0.1 - 0.0                     | 0.4 - iSUN ID ID ID ID   | 0.3 - 0.2 - 0.1 - 0.0  | 0.1 - LSUN (Crop) ID 0.2 - 0.1 - 0.0   | TinyImageNet (Resize) ID  0.3 -  0.2 -  0.1 -  | TinylmageNet (Crop) ID  0.3 -  0.1 -  0.0  | 0.8 - Gaussian ID   0.6 - 0.4 - 0.2 - 0.0   | Layer Max_relu_1  0.8 - Uniform ID  0.6 - 0.4 - 0.2 - 0.0  |
| 0.4 All ID                       | 0.4 - Cifar10<br>ID<br>0.3 - 0.2 - 0.1 - 0.0                              | 1.0 - SVHN ID ID O.8 - 0.6 - 0.4 - 0.2 - 0.0                     | 0.4 - iSUN ID 0.3 - 0.2 - 0.1 - 0.0                              | LSUN (Resize) ID  0.3 - 0.2 - 0.1 - 0.0  | 0.1 - LSUN (Crop) ID 0.3 - 0.1 - 0.0   | TinyImageNet (Resize) ID  0.3 -  0.2 -  0.1 -  | TinyImageNet (Crop) ID 0.3 - 0.2 - 0.1 -   | Gaussian ID 0.4 - 0.2 - 0.0   | Layer Max_relu_2 0.8 - Uniform ID 0.6 - 0.4 - 0.2 - 0.0 0.8 - 0.8 - 0.8 - 0.8  |
| 0.4 - Al                         | 0.4 - Cifar10<br>ID<br>0.3 -<br>0.2 -<br>0.1 -                            | 0.4 - SVHN<br>ID<br>0.3 - 0.2 - 0.1 - 0.0                        | 0.4 - iSUN<br>ID<br>0.3 - 0.2 - 0.1 - 0.0                        | 0.3 - 0.2 - 0.1 - 0.0  | 0.1 - LSUN (Crop ID  | TinylmageNet (Resize ID)  0.3 -  0.2 -  0.1 -  | Tiny mageNet (Crop ID 0.3 - 0.2 - 0.1 - 0.0  | 0.6 - Gaussian ID  0.4 - 0.2 - 0.0  | 2 Layer Max_rel  0.8 - Uniform ID  0.6 -  0.4 -  0.2 -  0.0  0.8   |
| 0.4 -                            | 0.4 - Cifar ID  0.3 - 0.2 - 0.1 - 0.0                                     | 0.5 - SVI<br>0.4 - 0.3 - 0.2 - 0.1 - 0.0                         | 0.4 - iSU<br>ID<br>0.3 - 0.2 - 0.1 - 0.0                         | 0.3 - 0.2 - 0.1 - 0.0  | 0.1 - LSUN (Cro  | TinylmageNet (Resiz ID 0.3 - 0.2 - 0.1 - 0.0   | TinylmageNet (Cro  | 0.4 - Gaussi<br>0.3 - 0.2 - 0.1 - 0.0   | U_3  |
| AII                              | 0.4 - Cifa ID   | 0.6 - SV ID O.5 - O.4 - O.3 - O.2 - O.1 - O.0                    | 0.6 - IS<br>0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0                    | D  | 0.3 - 0.2 - 0.1 - 0.0  | TinyImageNet (Resi<br>ID<br>0.5 -<br>0.4 -<br>0.3 -<br>0.2 -<br>0.1 -<br>0.0   | TinylmageNet (Cr<br>ID<br>0.4 -<br>0.3 -<br>0.2 -<br>0.1 -<br>0.0  | 0.8 - Gauss ID  0.6 -  0.4 -  0.2 -  0.0  | elu_4 Layer Max_r 1.0  0.8  0.6  0.4  0.2  0.0   |
| AII<br>ID 0.4 -                  | 0.4 - 0.3 - 0.2 - 0.1 - 0.0   | 0.4 - 0.3 - 0.2 - 0.1 - 0.0                                      | 0.4 - 0.3 - 0.2 - 0.1 - 0.0                                      | 0.3 -<br>0.2 -<br>0.1 -  | 0.3 - 0.2 - 0.1 - 0.0  | D <sub>0.4</sub> - 0.3 - 0.2 - 0.1 - 0.0   | TinylmageN ID 0.3 - 0.2 - 0.1 - 0.0  | 0.6 - 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0   | relu_5  Layer N  0.7  0.6  0.5  0.4  0.3  0.2  0.1  0.0  |
| 0.4 -                            | 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0   | SVHN ID 0.4 - 0.3 - 0.2 - 0.1 - 0.0                              | iSUN<br>ID 0.5 -<br>0.4 -<br>0.3 -<br>0.2 -<br>0.1 -             | 0.6 - 0.6 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0 -  | 0.3 -<br>0.2 -<br>0.1 -  | 0.5 -<br>0.4 -<br>0.3 -<br>0.2 -<br>0.1 -<br>0.0 -   | Net (Crop)  TinyIn  0.4 -  0.3 -  0.1 -  0.0 -   | Gaussian 1.2 - 1.0 - 0.8 - 0.6 - 0.4 - 0.2 - 0.0  | Max_relu_6 La Uniform  |
| All ID                           | Cifar10<br>D<br>0.  | SVHN ID O.   | iSUN 0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.                      | LSUN (Resize) ID  0. 0. 0.   | LSUN (Crop) ID  0. 0. 0.   | ageNet (Resize) Ting ID 0.   | mageNet (Crop)  O.  O.  O.   | Gaussian O.   | Uniform ID 0.  |
| O.4 - AII ID                     | Cifar10<br>ID<br>0.3 -<br>0.2 -<br>0.1 -                                  | 0.4 - SVHN ID ID 0.3 - 0.1 - 0.1 - 0.0                           | isun<br>iD<br>io.4 -<br>io.2 -<br>io.1 -                         | LSUN (Resize) ID 0.4 - 0.3 - 0.1 - 0.0   | LSUN (Crop)<br>ID<br>0.3 -<br>0.1 -  | nylmageNet (Resize)<br>0.4 -<br>0.2 -<br>0.1 -   | (Crop) D 0.3 - 0.1 - 0.5 -   | Gaussian ID   | Layer Max_relu_8  Uniform ID  0.6 - 0.4 - 0.2 -  |
| 0.4 - Al                         | 0.4 - Cifar10<br>0.3 - 0.2 - 0.1 - 0.0                                    | 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                       | 0.4 - 0.3 - 0.2 - 0.1 - 0.0  | 0.1 - 0.0 LSUN (Crop)  | TinylmageNet (Resize) 1D <sub>0.5</sub> 0.4 - 0.3 - 0.2 - 0.1 - 0.0  | TinylmageNet (Crop) ID 0.4  0.3  0.1  0.0  | 0.8 - Gaussian ID   | 0.8 - Uniform ID   |
| 0.4 -                            | 0.4 - 0.3 - 0.2 - 0.1 - 0.0   | 0.4 -<br>0.3 -<br>0.2 -<br>0.1 -                                 | 0.5 -<br>0.4 -<br>0.3 -<br>0.2 -<br>0.1 -<br>0.0                 | 0.4 - 0.3 - 0.2 - 0.1 - 0.0  | 0.1 - 0.0 LSUN ID ID   | TinylmageNet (ID 0.4 0.3 - 0.2 - 0.1 - 0.0   | 0.3 - 0.2 - 0.1 - 0.0  | 0.8 Ga<br>ID<br>0.6 -<br>0.4 -<br>0.2 -   | u_9  |
| AII 0.4 -                        | Cifar10<br>ID 0.4 - 0.3 - 0.2 - 0.1 - 0.0                                 | SVHN ID 0.4 - 0.3 - 0.2 - 0.1 - 0.0                              | iSUN<br>ID 0.5 -<br>0.4 -<br>0.3 -<br>0.2 -<br>0.1 -             | (Resize)  0.6 - LS  0.7 - LS  0.8 - LS  0.9 - LS  0.1 - LS  0.1 - LS  0.1 - LS  0.2 - LS  0.1 - LS  0.3 - LS  0.4 - LS  0.5 - LS  0.6 - LS  0.7 - LS  0.8 - LS  0.9 - LS  0.9 - LS  0.1 - LS  0.0 - LS  0.1 - LS  0.1 - LS  0.0 - LS  0.1 - LS  0.0 - LS  0.1 - LS  0.0 - LS  0.1 - LS  0.1 - LS  0.0 -  | 0.3 -<br>0.2 -<br>0.1 -  | (Resize) TinyImage ID 0.5 0.4 - 0.3 - 0.2 - 0.1 - 0.0  | Tinylmag  0.4 -  0.3 -  0.2 -  0.1 -  0.0  | 1.0 - 0.8 - 0.6 - 0.4 - 0.2 - 0.0   | Uniform ID   |
| All                              | Cifar10 ID  | SVHN ID  | isun ID  | SUN (Resize)   | LSUN (Crop)  | eNet (Resize) Tir  | geNet (Crop)   | Gaussian  | r Max_relu_11  Uniform ID  O   |
| 0.4 - All ID                     | Cifar10<br>ID<br>0.3 -<br>0.2 -<br>0.1 -                                  | 0.4 - SVHN ID  | isun<br>in isun<br>ib<br>isun<br>ib                              | LSUN (Resize) 1D 0.3 - 0.2 - 0.1 - 0.0   | LSUN (Crop) ID   | nylmageNet (Resize)<br>0.4 -<br>0.3 -<br>0.2 -<br>0.1 -  | D4 (Crop) 0.3 - 0.2 - 0.1 -  | Gaussian ID   | Layer Max_relu_12 0.5 - Uniform ID 0.4 - 0.3 - 0.2 - 0.1 - 0.0   |
| 0.5<br>0.4 - All ID              | 0.4 - Cifar10 1D 0.3 - 0.2 - 0.1 - 0.0                                    | 0.4 - SVHN ID ID O.3 - 0.2 - 0.1 - 0.0                           | 0.6 - iSUN<br>0.5 - ID<br>0.4 - 0.3 - 0.2 - 0.1 - 0.0            | LSUN (Resize) ID  0.4 - 0.3 - 0.2 - 0.1 - 0.0  | 0.5 - LSUN (Crop) 0.4 - ID 0.3 - 0.1 - 0.0   | TinyImageNet (Resize) ID  0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0  | TinylmageNet (Crop) ID5  0.4  0.3  0.2  0.1  | 1.2 - Gaussian 1.0 - ID  0.8 - 0.6 - 0.4 - 0.2 - 0.0 0.6 - 1  | Layer Max_relu_ Uniform  1.0 -   |
| 0.4 - All                        | 0.4 - Cif<br>0.3 -<br>0.2 -<br>0.1 -                                      | 0.4 - S<br>0.3 - 0.2 - 0.1 - 0.0                                 | 0.4 - 0.3 - 0.2 - 0.1 - 0.0                                      | 0.4 - 0.3 - 0.2 - 0.1 - 0.0  | 0.1 - LSUN (COLUMN 10  | TinyImageNet (Re ID 0.3 - 0.2 - 0.1 - 0.0  | TinylmageNet (Control of the control | 0.8 - Gaus ID 0.6 - 0.4 - 0.2 -   | 13 Layer Max_<br>0.7 - Uni<br>0.6 - ID<br>0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0  |
| 0.4 -                            | 0.4 - 0.3 - 0.2 - 0.1 - 0.0   | 0.4 - 0.3 - 0.2 - 0.1 - 0.0                                      | 0.7 - 0.6 - 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0                    | 0.7 - LSU<br>0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0   | 0.1 - 0.0 -  | TinyImageN<br>ID<br>0.6<br>0.5 -<br>0.4 -<br>0.3 -<br>0.2 -<br>0.1 -<br>0.0  | Tiny mage ID 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   | Layer I  1.2 -  1.0 -  0.8 -  0.6 -  0.4 -  0.2 -  0.0 -  1 4 -  |
| 0.4 -                            | Cifar10<br>ID<br>0.4 -<br>0.2 -<br>0.1 -                                  | SVHN   0.4 -   0.3 -   0.2 -   0.1 -   0.0                       | 0.4 -<br>0.3 -<br>0.2 -<br>0.1 -                                 | 0.3 -<br>0.2 -<br>0.1 -  | SUN (Crop) 0.3 - 0.2 - 0.1 - 0.0   | Do.4 - 0.3 - 0.1 - 0.0   | 0.3 -<br>0.1 -<br>0.0  | Gaussian ID 0.8 - 0.6 - 0.4 - 0.2 - 0.0   | Max_relu_15  |
| All                              | Cifar10<br>ID   | SVHN   | isun   | LSUN (Resize)  | LSUN (Crop)  | ageNet (Resize)  | nageNet (Crop)   | Gaussian  | /er Max_relu_16 Uniform ID   |
| 0.4 - All ID                     | 0.4 - Cifar10<br>0.3 - 0.2 - 0.1 - 0.0                                    | 0.4 - SVHN ID 0.3 - 0.2 - 0.1 - 0.0                              | 0.6 - ISUN ID                | 0.5 - LSUN (Resize) ID 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0   | 0.4 LSUN (Crop) ID 0.3 - 0.2 - 0.1 - 0.0   | TinyImageNet (Resize) ID  0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0  | TinylmageNet (Crop) ID 0.4 - 0.3 - 0.2 - 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 - 0.6 - 0.4 - 0.2 - 0.0   |
| 0.4 - All ID                     | 0.4 - Cifar10<br>0.3 - ID<br>0.2 - 0.1 - 0.0                              | 0.4 - SVHN ID  0.3 - 0.2 - 0.1 - 0.0                             | 0.4 - iSUN<br>ID<br>0.3 -<br>0.2 -<br>0.1 -                      | 0.5 - LSUN (Resize ID 0.3 - 0.2 - 0.1 - 0.0  | 0.4 LSUN (Crop ID 0.3 - 0.2 - 0.1 - 0.0  | TinyImageNet (Resize ID <sub>0.4</sub> - 0.3 - 0.2 - 0.1 - 0.0   | TinylmageNet (Crop<br>1D <sup>4</sup> - 0.3 - 0.2 - 0.1 - 0.0  | 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 - All ID                     | 0.4 - CC III  | 0.4 - 0.3 - 0.2 - 0.1 - 0.0                                      | N 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0                              | 0.4 - 0.3 - 0.2 - 0.1 - 0.0  | 0.1 - LSUN (1D   | TinylmageNet (R ID 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0   | 0.3 -<br>0.2 -<br>0.1 -<br>0.0   | 1.2 - Gau<br>1.0 - ID<br>1.0 - O.8 - O.6 - O.4 - O.2 - O.0  | u_18   |
| 0.4                              | 0.4 - 0.3 - 0.2 - 0.1 - 0.0   | O.4 - O.3 - O.2 - O.1 - O.0                                      | 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0                                | 0.5 - LS<br>0.4 - ID<br>0.2 - 0.1 - 0.0  | 0.3 -<br>0.2 -<br>0.1 -<br>0.0   | 0.3 - 0.2 - 0.1 - 0.0  | (Crop) Tinylmae 1D4  0.3 - 0.2 - 0.1 - 0.0   | 0.8 - 0.6 - 0.4 - 0.2 - 0.0   | _relu_19   |
| All                              | Cifar10   | SVHN   | iSUN   | LSUN (Resize)  | LSUN (Crop)  | eNet (Resize) Ti   | egeNet (Crop)  | Gaussian  | Uniform ID   |
| D.4 - AII ID                     | Cifar10<br>ID<br>0.3 -<br>0.2 -<br>0.1 -                                  | 0.4 - SVHN<br>ID<br>0.3 - 0.2 - 0.1 - 0.0                        | 0.5 - iSUN ID 0.4 - 0.3 - 0.2 - 0.1 - 0.0                        | D.3 - D.2 - D.1 - D.0  | D. LSUN (Crop)<br>ID<br>0.3 -<br>0.2 -<br>0.1 -  | nylmageNet (Resize)<br>0.5 -<br>0.4 -<br>0.3 -<br>0.2 -<br>0.1 -   | D.3 - 0.2 - 0.1 - 0.0  | Gaussian 1.0 - ID 0.8 - 0.6 - 0.4 - 0.2 - 0.0   | Layer Max_relu_21  0.8 - Uniform ID  0.6 - 0.4 - 0.2 - 0.0   |
| 0.4 - All ID                     | 0.5 - Cifar10<br>0.4 - ID<br>0.3 - 0.2 - 0.1 - 0.0                        | 0.4 - SVHN ID 0.3 - 0.1 - 0.0                                    | 0.5 - iSUN ID                | USUN (Resize) ID 0.4 - 0.3 - 0.2 - 0.1 - 0.0   | 0.4 LSUN (Crop) ID 0.3 - 0.1 - 0.0   | TinylmageNet (Resize) ID 0.4 0.2 0.1   | TinylmageNet (Crop) ID 0.4 0.3 - 0.1 - 0.0   | Gaussian ID 0.6 - 0.4 - 0.2 - 0.0   | Layer Max_relu_22  0.6 - Uniform ID  0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0   |
| 0.4 - AII                        | 0.4 - Cifar1<br>ID<br>0.3 - 0.2 - 0.1 - 0.0                               | 0.4 - SVH<br>0.3 - 0.2 - 0.1 - 0.0                               | 0.6 - iSU ID ID ID ID  | LSUN (Resize ID)  0.4 -  0.3 -  0.2 -  0.1 -  0.0  | 0.1 - LSUN (Crop ID) 0.2 - 0.1 - 0.0   | TinyImageNet (Resize ID).5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0   | TinylmageNet (Cropped 10   | Gaussia 1.0 - ID  0.8 - 0.6 - 0.4 - 0.2 - 0.0   | 2 Layer Max_relu<br>0.8 - Uniform<br>0.6 - 1D<br>0.4 - 0.2 - 0.0   |
| 0.5 -                            | 0.4 - Cif<br>ID<br>0.3 - 0.2 - 0.1 - 0.0                                  | 0.6 - 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0                          | 0.5 -<br>0.4 -<br>0.3 -<br>0.2 -<br>0.1 -<br>0.0                 | e)   | 0.1 - 0.0 LSUN (Control of the latest term of the l | e) TinyImageNet (Re ID 0.4 - 0.3 - 0.2 - 0.1 - 0.0   | TinylmageNet (Color)  0.4 - 0.3 - 0.2 - 0.1 - 0.0  | 1.0 - Gaus<br>ID<br>0.8 - 0.6 - 0.4 - 0.2 - 0.0   | u_23 Layer Max_<br>m   |
| 0.4 - 0.4                        | 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 - 0.0                                | 0.4 - 0.3 - 0.2 - 0.1 - 0.0  | 0.1 - 0.0 LS ID 0.3 - 0.1 - 0.0  | TinyImageNe ID).5 -  0.4 -  0.3 -  0.2 -  0.1 -  0.0   | (Crop) TinyImage! 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   | relu_24 Layer M 0.8 - 0.6 - 0.4 - 0.2 - 0.0 -  |
| AII<br>ID 0.4 -                  | Cifar10   0.4 - 0.3 - 0.2 - 0.1 - 0.0                                     | 0.4 - ID   | 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0                                | 0.3 -<br>0.2 -<br>0.1 -  | 0.3 -<br>0.1 -<br>0.0  | 0.3 -<br>0.2 -<br>0.0 -  | 0.3 - 0.1 - 0.0  | 0.8 - 0.6 - 0.4 - 0.2 - 0.0   | Max_relu_25  |
| AII                              | Cifar10<br>ID   | SVHN   | iSUN   | LSUN (Resize)  | LSUN (Crop)  | nageNet (Resize) T   | ImageNet (Crop)  | Gaussian  | Uniform ID   |
| 0.5 - AII ID                     | 0.4 - Cifar10<br>ID<br>0.3 - 0.1 - 0.0                                    | 0.5 - SVHN ID ID O.3 - 0.2 - 0.1 - 0.0                           | 0.5 - iSUN ID                | LSUN (Resize) ID 0.4 - 0.2 - 0.1 -   | 0.1 - LSUN (Crop) 1D 0.3 - 0.1 - 0.0   | 0.4 - 0.2 - 0.1 - 0.0  | TinylmageNet (Crop) ID  0.3 -  0.2 -  0.1 -  0.5 -   | Gaussian ID  0.6  0.4  0.2  0.0  0.5  | Layer Max_relu_27  0.8 - Uniform ID  0.6 - 0.4 - 0.2 - 0.0   |
| 0.4 - All                        | 0.4 - Cifar10 ID  | 0.4 - SVHN ID  0.3 - 0.2 - 0.1 - 0.0                             | 0.4 - iSUN ID ID ID  | USUN (Resize) ID 0.3 - 0.2 - 0.1 -   | 0.5 - LSUN (Crop) 1D 0.4 - 0.2 - 0.1 - 0.0   | TinylmageNet (Resize) ID  0.3 - 0.2 - 0.1 -  | TinylmageNet (Crop) ID 0.3 - 0.2 - 0.1 -   | 0.8 - Gaussian ID  0.6 - 0.4 - 0.2 - 0.0  | Layer Max_relu_ 1.0 - Uniform ID 0.8 - 0.6 - 0.4 - 0.2 - 0.0   |
| 0.6 - All ID                     | 0.4 - Cifar10 ID  0.3 - 0.2 - 0.1 - 0.0                                   | 0.6 - SVHN<br>0.5 - ID<br>0.4 - 0.3 - 0.2 - 0.1 - 0.0            | 0.5 - iSUN ID                | 0.4 - 0.3 - 0.1 - 0.0  | 0.4 - 0.3 - 0.2 - 0.1 - 0.0  | TinyImageNet (Resize) ID 0.4 0.2 0.1 0.0   | TinylmageNet (Crop) 1D 0.4 - 0.3 - 0.2 - 0.1 - 0.0   | 1.0 - Gaussian ID  0.8 -  0.6 -  0.4 -  0.2 -   | 1.2 - Uniform ID 1.0 - 0.8 - 0.6 - 0.4 - 0.2 - 0.0   |
| 0.5 -                            | 0.4 - Cifar ID 0.3 - 0.2 - 0.1 - 0.0                                      | 0.5 - SVH<br>0.4 - ID<br>0.3 - 0.2 - 0.1 - 0.0                   | 0.4 - ISU<br>0.3 - 0.2 - 0.1 - 0.0                               | 0.3 - 0.2 - 0.1 - 0.0  | 0.5 LSUN (Cro  | TinylmageNet (Resiz  | TinylmageNet (Cro  | 1.0 - Gaussi<br>ID<br>0.8 - 0.6 - 0.4 - 0.2 - 0.0   | 29 Layer Max_re  0.8 - Unifor ID  0.6 - 0.4 - 0.2 - 0.0  |
| AII   0.30 -                     | 0.30 -<br>0.25 -<br>0.20 -<br>0.15 -<br>0.10 -<br>0.05 -<br>0.00          | 0.30 -<br>0.25 -<br>0.20 -<br>0.15 -<br>0.10 -<br>0.05 -<br>0.00 | 0.30 -<br>0.25 -<br>0.20 -<br>0.15 -<br>0.10 -<br>0.05 -<br>0.00 | 0.10 LSI<br>0.25 -<br>0.20 -<br>0.15 -<br>0.10 -<br>0.05 -<br>0.00   | 0.30 - L<br>0.20 - 0.15 - 0.10 - 0.05 - 0.00   | TinyImageN ID  0.25 -  0.20 -  0.15 -  0.10 -  0.05 -  0.00  | Tinylmage<br>0.25 -<br>0.20 -<br>0.15 -<br>0.10 -<br>0.05 -<br>0.00  | 0.8 -<br>0.6 -<br>0.4 -<br>0.2 -  | Drm 0.6 - 0.5 - 0.4 - 0.3 - 0.2 - 0.1 - 0.0  |
| All                              | Cifar10   | SVHN   | iSUN<br>ID   | UN (Resize)  | .SUN (Crop)  | Jet (Resize)   | eNet (Crop)  | Gaussian  | Max_relu_3 Uniform ID  |