|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | .0001 | .001 | .01 | .1 | 1 |
| Single Small (10) | .9000 | .9331 | .9921 | 1.0 | .9000 |
| Single Large (100) | .9061 | .9773 | .9968 | 1.0 | .8200 |
| Two Small (10) | .9000 | .9139 | .9707 | 1.0 | .8200 |
| Two Large (100) | .9002 | .9759 | .9985 | 1.0 | .8200 |

MNIST

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | .0001 | .001 | .01 | .1 | 1 |
| Single Small (12) | .9019 | .9506 | .9911 | 1.0 | .8200 |
| Single Large (125) | .9051 | .9775 | .9973 | 1.0 | .8200 |
| Two Small (12) | .9000 | .9144 | .9954 | 1.0 | .8200 |
| Two Large (125) | .9000 | .9790 | .9987 | 1.0 | 1.0 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | .0001 | .001 | .01 | .1 | 1 |
| Single Small (14) | .9000 | .9421 | .9948 | 1.0 | .8200 |
| Single Large (150) | .9035 | .9767 | .9964 | 1.0 | .8200 |
| Two Small (14) | .9000 | .9341 | .9921 | 1.0 | .8200 |
| Two Large (150) | .9029 | .9769 | .9989 | 1.0 | .8200 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | .0001 | .001 | .01 | .1 | 1 |
| Single Small (16) | .9007 | .9602 | .9947 | 1.0 | .8200 |
| Single Large (175) | .9049 | .9775 | .9969 | 1.0 | .8200 |
| Two Small (16) | .9000 | .9438 | .9965 | 1.0 | .8200 |
| Two Large (175) | .9000 | .9814 | .9989 | 1.0 | 1.0 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | .0001 | .001 | .01 | .1 | 1 |
| Single Small (4) | .8250 | 1.0 | 1.0 | 1.0 | 1.0 |
| Single Large (100) | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Two Small (4) | 0.7950 | .9700 | 1.0 | 1.0 | 1.0 |
| Two Large (100) | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |

Data Set 1-4

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | .0001 | .001 | .01 | .1 | 1 |
| Single Small (4) | .3200 | .8400 | .875 | .9000 | .8850 |
| Single Large (100) | .8650 | .8550 | .875 | .9150 | .9150 |
| Two Small (4) | .7200 | .8350 | .88 | .9150 | .9000 |
| Two Large (100) | .8600 | .8500 | .8950 | .9200 | .8850 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | .0001 | .001 | .01 | .1 | 1 |
| Single Small (4) | .3050 | .9300 | .9700 | .9700 | .9650 |
| Single Large (100) | .9350 | .9400 | .9750 | .9700 | .9700 |
| Two Small (4) | .5600 | .9500 | .9650 | .9700 | .9550 |
| Two Large (100) | .9200 | .9500 | .9650 | .9700 | .9550 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | .0001 | .001 | .01 | .1 | 1 |
| Single Small (4) | .5850 | .9075 | .9500 | .9575 | .9175 |
| Single Large (100) | .9500 | .9450 | .9525 | .9550 | .9450 |
| Two Small (4) | .6100 | .6525 | .9525 | .9400 | .7150 |
| Two Large (100) | .9450 | .9525 | .9525 | .9475 | .9450 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | .0001 | .001 | .01 | .1 | 1 |
| Single Small (5) | .990 | 1.0 | 1.0 | 1.0 | 1.0 |
| Single Large (125) | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Two Small (5) | 0.9250 | 1.0 | 1.0 | 1.0 | 1.0 |
| Two Large (125) | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |

Data Set 1-4

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | .0001 | .001 | .01 | .1 | 1 |
| Single Small (5) | .435 | .8500 | .8800 | .9250 | .8850 |
| Single Large (125) | .8450 | .8500 | .8850 | .9150 | .8900 |
| Two Small (5) | .5150 | .7650 | .4850 | .9150 | .9250 |
| Two Large (125) | .8200 | .8500 | .8900 | .9200 | .9250 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | .0001 | .001 | .01 | .1 | 1 |
| Single Small (5) | .7700 | .9400 | .9650 | .9650 | .9700 |
| Single Large (125) | .9200 | .9450 | .9750 | .9700 | .9700 |
| Two Small (5) | .8850 | .9100 | .9700 | .9700 | .9700 |
| Two Large (125) | .9350 | .9500 | .9650 | .9700 | .9650 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | .0001 | .001 | .01 | .1 | 1 |
| Single Small (5) | .4375 | .9375 | .9475 | .9525 | .9500 |
| Single Large (125) | .9250 | .9500 | .9500 | .9550 | .9425 |
| Two Small (5) | .3425 | .875 | .9350 | .9450 | .5 |
| Two Large (125) | .9575 | .9500 | .9550 | .9475 | .9475 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | .0001 | .001 | .01 | .1 | 1 |
| Single Small (3) | .4300 | .9900 | 1.0 | 1.0 | 1.0 |
| Single Large (150) | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Two Small (3) | 0.4450 | 1.0 | 1.0 | 1.0 | 1.0 |
| Two Large (150) | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |

Data Set 1-4

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | .0001 | .001 | .01 | .1 | 1 |
| Single Small (3) | .6750 | .8250 | .8900 | .9050 | .8950 |
| Single Large (150) | .8400 | .8600 | .8750 | .9150 | .9150 |
| Two Small (3) | .5450 | .8400 | .8550 | .9150 | .5150 |
| Two Large (150) | .8300 | .8500 | .8950 | .9150 | .9050 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | .0001 | .001 | .01 | .1 | 1 |
| Single Small (3) | .5300 | .9350 | .9650 | .9650 | .9700 |
| Single Large (150) | .9300 | .9400 | .9750 | .9700 | .9700 |
| Two Small (3) | .8550 | .9200 | .9650 | .9650 | .9700 |
| Two Large (150) | .9400 | .9500 | .9650 | .9700 | .9600 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | .0001 | .001 | .01 | .1 | 1 |
| Single Small (3) | .5175 | .8650 | .7050 | .9450 | .9425 |
| Single Large (150) | .9225 | .9525 | .9525 | .9550 | .9425 |
| Two Small (3) | .5875 | .6900 | .9550 | .8925 | .5 |
| Two Large (150) | .9400 | .9450 | .9525 | .9475 | .9525 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | .0001 | .001 | .01 | .1 | 1 |
| Single Small (2) | .6500 | 1.0 | 1.0 | 1.0 | 1.0 |
| Single Large (200) | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Two Small (2) | 0.5850 | .9200 | 1.0 | 1.0 | .5150 |
| Two Large (200) | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | .0001 | .001 | .01 | .1 | 1 |
| Single Small (2) | .5050 | .8450 | .87 | .8850 | .8950 |
| Single Large (200) | .80000 | .8500 | .88 | .9200 | .9150 |
| Two Small (2) | .4850 | .62 | .4850 | .8400 | .7200 |
| Two Large (200) | .8050 | .8500 | .8950 | .9200 | .9000 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | .0001 | .001 | .01 | .1 | 1 |
| Single Small (2) | .6400 | .9350 | .9650 | .9650 | .9650 |
| Single Large (200) | .9000 | .9400 | .9750 | .9700 | .9700 |
| Two Small (2) | .6500 | .4950 | .9650 | .9650 | .9650 |
| Two Large (200) | .9250 | .9450 | .9650 | .9700 | .9550 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | .0001 | .001 | .01 | .1 | 1 |
| Single Small (2) | .5000 | .7050 | .6950 | .7200 | .6950 |
| Single Large (200) | .9500 | .9500 | .9500 | .9550 | .9425 |
| Two Small (2) | .4850 | .6900 | .8975 | .5000 | .7225 |
| Two Large (200) | .9425 | .9500 | .9500 | .9475 | .9450 |