|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Initializer | Train accuracy | Train Loss | Val Acc | Val Loss |
| Baseline Model | 0.4713 | 1.4753 | 0.4738 | 1.4751 |
| Const | 0.098 | 2.3027 | 0.10 | 2.3026 |
| Random Uniform | 0.4789 | 1.4533 | 0.4701 | 1.4908 |
| Ones | 0.10 | 14.506 | 0.10 | 14.506 |
| Random Normal | 0.4776 | 1.4624 | 0.4770 | 1.4637 |
| Truncated Normal | 0.4766 | 1.4551 | 0.4617 | 1.5102 |
| Variance Scaling | 0.4779 | 1.4513 | 0.4801 | 1.4594 |
| Orthogonal | 0.4701 | 1.4797 | 0.4770 | 1.4827 |
| Identity | 0.1908 | 2.0587 | 0.1873 | 2.0592 |
| LeCun Uniform | 0.4848 | 1.4393 | 0.4784 | 1.4512 |
| Glorot Normal | 0.4772 | 1.4615 | 0.4729 | 1.4773 |
| Glorot Uniform | 0..4807 | 1.4502 | 0.4692 | 1.4774 |
| He Normal | 0.4743 | 1..4651 | 0.4723 | 1.4711 |
| LeCun Normal | 0.4775 | 1.4589 | 0.4757 | 1.4709 |
| He Uniform | 0.4773 | 1.4621 | 0.4560 | 1.5202 |

**Under this experimental setting, Glorot Uniform outperforms the others by 5%.**