|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Loss weight | lr | t1=0.5 | t1=0.55 | t1=0.6 | t1=0.65 | t1=0.7 | t1=0.75 | t1=0.8 | t1=0.85 | t1=0.9 |
| 1 | 5.00E-05 | 0.947 ±0.022 | 0.938 ±0.025 | 0.926 ±0.023 | 0.902 ±0.031 | 0.859 ±0.028 | 0.767 ±0.050 | 0.639 ±0.060 | 0.435 ±0.066 | 0.143 ±0.032 |
| 2 | 5.00E-05 | 0.943 ±0.030 | 0.937 ±0.030 | 0.928 ±0.029 | 0.903 ±0.033 | 0.867 ±0.036 | 0.788 ±0.052 | 0.659 ±0.063 | 0.452 ±0.062 | 0.158 ±0.042 |
| 3 | 5.00E-05 | 0.942 ±0.022 | 0.938 ±0.020 | 0.928 ±0.017 | 0.911 ±0.019 | **0.888 ±0.014** | **0.832 ±0.022** | **0.709 ±0.049** | 0.497 ±0.063 | 0.189 ±0.046 |
| 1 | 1.00E-05 | 0.950 ±0.023 | 0.941 ±0.021 | 0.929 ±0.019 | 0.899 ±0.030 | 0.855 ±0.034 | 0.775 ±0.049 | 0.629 ±0.053 | 0.422 ±0.056 | 0.136 ±0.040 |
| 2 | 1.00E-05 | 0.944 ±0.026 | 0.938 ±0.027 | 0.929 ±0.022 | 0.908 ±0.020 | 0.881 ±0.029 | 0.815 ±0.036 | 0.699 ±0.045 | **0.499 ±0.072** | 0.183 ±0.071 |
| 3 | 1.00E-05 | 0.940 ±0.021 | 0.932 ±0.022 | 0.921 ±0.019 | 0.900 ±0.028 | 0.874 ±0.030 | 0.809 ±0.031 | 0.679 ±0.039 | 0.425 ±0.058 | 0.148 ±0.062 |
| 1 | 5.00E-06 | 0.947 ±0.022 | 0.940 ±0.024 | 0.923 ±0.021 | 0.894 ±0.031 | 0.853 ±0.038 | 0.779 ±0.050 | 0.650 ±0.069 | 0.429 ±0.063 | 0.135 ±0.080 |
| 2 | 5.00E-06 | 0.946 ±0.023 | 0.939 ±0.024 | 0.927 ±0.022 | 0.911 ±0.024 | 0.881 ±0.027 | 0.814 ±0.042 | 0.694 ±0.038 | 0.469 ±0.055 | 0.180 ±0.049 |
| 3 | 5.00E-06 | 0.944 ±0.023 | 0.940 ±0.021 | 0.929 ±0.022 | 0.908 ±0.025 | 0.870 ±0.035 | 0.812 ±0.035 | 0.674 ±0.042 | 0.451 ±0.058 | 0.184 ±0.044 |
| 1 | 1.00E-06 | 0.948 ±0.023 | 0.939 ±0.020 | 0.927 ±0.018 | 0.905 ±0.021 | 0.864 ±0.023 | 0.788 ±0.041 | 0.664 ±0.069 | 0.462 ±0.056 | 0.192 ±0.045 |
| 2 | 1.00E-06 | 0.943 ±0.033 | 0.936 ±0.031 | 0.925 ±0.028 | 0.905 ±0.031 | 0.878 ±0.037 | 0.818 ±0.037 | 0.692 ±0.050 | 0.493 ±0.066 | **0.204 ±0.047** |
| 3 | 1.00E-06 | 0.948 ±0.026 | 0.942 ±0.024 | 0.933 ±0.022 | 0.913 ±0.022 | 0.881 ±0.033 | 0.810 ±0.040 | 0.693 ±0.042 | 0.480 ±0.054 | 0.172 ±0.072 |
| 1 | 5.00E-05 | 0.949 ±0.021 | 0.936 ±0.020 | 0.921 ±0.021 | 0.890 ±0.027 | 0.835 ±0.035 | 0.741 ±0.050 | 0.600 ±0.079 | 0.387 ±0.053 | 0.123 ±0.037 |
| 2 | 5.00E-05 | 0.947 ±0.022 | 0.940 ±0.023 | 0.927 ±0.020 | 0.913 ±0.020 | 0.884 ±0.026 | 0.806 ±0.039 | 0.678 ±0.061 | 0.446 ±0.076 | 0.160 ±0.035 |
| 3 | 5.00E-05 | 0.942 ±0.024 | 0.937 ±0.024 | 0.927 ±0.019 | 0.909 ±0.022 | 0.874 ±0.030 | 0.811 ±0.040 | 0.692 ±0.037 | 0.485 ±0.057 | 0.168 ±0.050 |
| 1 | 1.00E-05 | 0.949 ±0.023 | 0.938 ±0.024 | 0.922 ±0.023 | 0.894 ±0.026 | 0.839 ±0.033 | 0.759 ±0.044 | 0.623 ±0.062 | 0.414 ±0.048 | 0.147 ±0.034 |
| 2 | 1.00E-05 | 0.949 ±0.021 | 0.940 ±0.023 | 0.927 ±0.019 | 0.912 ±0.019 | 0.868 ±0.027 | 0.795 ±0.036 | 0.681 ±0.045 | 0.463 ±0.051 | 0.168 ±0.024 |
| 3 | 1.00E-05 | 0.949 ±0.024 | **0.945 ±0.023** | **0.935 ±0.026** | **0.920 ±0.020** | 0.880 ±0.030 | 0.817 ±0.035 | 0.683 ±0.062 | 0.466 ±0.073 | 0.172 ±0.041 |
| 1 | 5.00E-06 | 0.949 ±0.022 | 0.942 ±0.020 | 0.924 ±0.021 | 0.900 ±0.020 | 0.848 ±0.030 | 0.763 ±0.053 | 0.624 ±0.063 | 0.416 ±0.051 | 0.133 ±0.044 |
| 2 | 5.00E-06 | 0.946 ±0.026 | 0.939 ±0.025 | 0.930 ±0.022 | 0.913 ±0.017 | 0.870 ±0.030 | 0.794 ±0.040 | 0.659 ±0.040 | 0.461 ±0.077 | 0.158 ±0.040 |
| 3 | 5.00E-06 | 0.943 ±0.027 | 0.935 ±0.028 | 0.927 ±0.023 | 0.906 ±0.028 | 0.881 ±0.033 | 0.810 ±0.036 | 0.676 ±0.043 | 0.443 ±0.052 | 0.152 ±0.037 |
| 1 | 1.00E-06 | 0.948 ±0.022 | 0.938 ±0.019 | 0.922 ±0.023 | 0.894 ±0.025 | 0.838 ±0.034 | 0.749 ±0.045 | 0.620 ±0.066 | 0.422 ±0.064 | 0.131 ±0.041 |
| 2 | 1.00E-06 | 0.940 ±0.028 | 0.933 ±0.028 | 0.920 ±0.026 | 0.898 ±0.025 | 0.862 ±0.032 | 0.783 ±0.045 | 0.645 ±0.067 | 0.433 ±0.062 | 0.140 ±0.047 |
| 3 | 1.00E-06 | 0.946 ±0.023 | 0.938 ±0.022 | 0.927 ±0.020 | 0.908 ±0.019 | 0.865 ±0.030 | 0.783 ±0.024 | 0.671 ±0.037 | 0.443 ±0.049 | 0.140 ±0.051 |
| 1 | 5.00E-05 | 0.948 ±0.021 | 0.938 ±0.021 | 0.923 ±0.023 | 0.898 ±0.023 | 0.850 ±0.039 | 0.771 ±0.039 | 0.644 ±0.067 | 0.433 ±0.069 | 0.146 ±0.035 |
| 2 | 5.00E-05 | 0.949 ±0.026 | 0.940 ±0.026 | 0.930 ±0.025 | 0.911 ±0.025 | 0.872 ±0.026 | 0.800 ±0.029 | 0.677 ±0.053 | 0.463 ±0.063 | 0.151 ±0.032 |
| 3 | 5.00E-05 | 0.943 ±0.019 | 0.933 ±0.020 | 0.924 ±0.020 | 0.901 ±0.020 | 0.871 ±0.022 | 0.793 ±0.030 | 0.683 ±0.037 | 0.460 ±0.066 | 0.158 ±0.044 |
| 1 | 1.00E-05 | 0.949 ±0.024 | 0.940 ±0.027 | 0.928 ±0.023 | 0.902 ±0.021 | 0.868 ±0.024 | 0.799 ±0.028 | 0.668 ±0.071 | 0.460 ±0.057 | 0.198 ±0.041 |
| 2 | 1.00E-05 | 0.944 ±0.029 | 0.937 ±0.029 | 0.927 ±0.027 | 0.907 ±0.030 | 0.866 ±0.032 | 0.793 ±0.050 | 0.657 ±0.060 | 0.447 ±0.042 | 0.144 ±0.038 |
| 3 | 1.00E-05 | 0.946 ±0.019 | 0.941 ±0.018 | 0.929 ±0.014 | 0.913 ±0.017 | 0.880 ±0.024 | 0.817 ±0.037 | 0.689 ±0.053 | 0.467 ±0.073 | 0.169 ±0.046 |
| 1 | 5.00E-06 | **0.950 ±0.024** | 0.942 ±0.024 | 0.927 ±0.022 | 0.900 ±0.032 | 0.850 ±0.035 | 0.781 ±0.031 | 0.643 ±0.041 | 0.407 ±0.044 | 0.135 ±0.039 |
| 2 | 5.00E-06 | 0.947 ±0.020 | 0.940 ±0.019 | 0.929 ±0.017 | 0.912 ±0.020 | 0.877 ±0.028 | 0.799 ±0.037 | 0.675 ±0.044 | 0.453 ±0.052 | 0.145 ±0.055 |
| 3 | 5.00E-06 | 0.945 ±0.024 | 0.938 ±0.025 | 0.928 ±0.025 | 0.909 ±0.025 | 0.876 ±0.027 | 0.812 ±0.032 | 0.670 ±0.068 | 0.455 ±0.067 | 0.147 ±0.052 |
| 1 | 1.00E-06 | 0.949 ±0.028 | 0.939 ±0.029 | 0.919 ±0.026 | 0.884 ±0.036 | 0.829 ±0.046 | 0.745 ±0.054 | 0.618 ±0.072 | 0.386 ±0.076 | 0.114 ±0.028 |
| 2 | 1.00E-06 | 0.942 ±0.028 | 0.936 ±0.026 | 0.927 ±0.026 | 0.907 ±0.026 | 0.877 ±0.028 | 0.808 ±0.036 | 0.685 ±0.044 | 0.461 ±0.061 | 0.157 ±0.042 |
| 3 | 1.00E-06 | 0.947 ±0.020 | 0.939 ±0.020 | 0.929 ±0.018 | 0.913 ±0.022 | 0.879 ±0.023 | 0.804 ±0.027 | 0.681 ±0.057 | 0.461 ±0.054 | 0.136 ±0.055 |