|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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 | 0.932 ±0.020 | 0.915 ±0.025 | 0.894 ±0.024 | 0.852 ±0.038 | 0.781 ±0.038 | 0.646 ±0.063 | 0.489 ±0.066 | 0.290 ±0.054 | 0.080 ±0.019 |
| 2 | 5.00E-05 | 0.932 ±0.030 | 0.919 ±0.029 | 0.903 ±0.027 | 0.860 ±0.035 | 0.799 ±0.043 | 0.680 ±0.068 | 0.515 ±0.069 | 0.307 ±0.055 | 0.090 ±0.024 |
| 3 | 5.00E-05 | 0.925 ±0.018 | 0.917 ±0.015 | 0.899 ±0.014 | 0.870 ±0.024 | **0.830 ±0.022** | **0.740 ±0.031** | **0.573 ±0.060** | 0.345 ±0.058 | 0.109 ±0.029 |
| 1 | 1.00E-05 | 0.937 ±0.024 | 0.920 ±0.020 | 0.899 ±0.020 | 0.847 ±0.043 | 0.775 ±0.048 | 0.657 ±0.069 | 0.478 ±0.059 | 0.279 ±0.047 | 0.076 ±0.024 |
| 2 | 1.00E-05 | 0.929 ±0.026 | 0.918 ±0.029 | 0.901 ±0.024 | 0.864 ±0.025 | 0.818 ±0.040 | 0.716 ±0.053 | 0.560 ±0.053 | **0.348 ±0.068** | 0.106 ±0.045 |
| 3 | 1.00E-05 | 0.924 ±0.022 | 0.909 ±0.023 | 0.890 ±0.019 | 0.854 ±0.037 | 0.810 ±0.038 | 0.709 ±0.038 | 0.537 ±0.045 | 0.283 ±0.051 | 0.084 ±0.037 |
| 1 | 5.00E-06 | 0.931 ±0.018 | 0.918 ±0.022 | 0.887 ±0.024 | 0.838 ±0.043 | 0.772 ±0.052 | 0.663 ±0.069 | 0.501 ±0.073 | 0.284 ±0.053 | 0.077 ±0.052 |
| 2 | 5.00E-06 | 0.928 ±0.023 | 0.915 ±0.022 | 0.893 ±0.020 | 0.866 ±0.032 | 0.815 ±0.037 | 0.712 ±0.061 | 0.551 ±0.048 | 0.318 ±0.048 | 0.103 ±0.031 |
| 3 | 5.00E-06 | 0.929 ±0.022 | 0.920 ±0.020 | 0.901 ±0.023 | 0.863 ±0.031 | 0.798 ±0.046 | 0.710 ±0.047 | 0.528 ±0.046 | 0.304 ±0.051 | 0.105 ±0.026 |
| 1 | 1.00E-06 | 0.930 ±0.024 | 0.913 ±0.018 | 0.892 ±0.020 | 0.853 ±0.034 | 0.785 ±0.035 | 0.673 ±0.058 | 0.516 ±0.077 | 0.311 ±0.048 | 0.110 ±0.028 |
| 2 | 1.00E-06 | 0.929 ±0.033 | 0.915 ±0.029 | 0.892 ±0.024 | 0.858 ±0.034 | 0.813 ±0.042 | 0.719 ±0.047 | 0.551 ±0.057 | 0.342 ±0.061 | **0.119 ±0.029** |
| 3 | 1.00E-06 | 0.931 ±0.026 | 0.920 ±0.022 | 0.904 ±0.019 | 0.869 ±0.026 | 0.815 ±0.044 | 0.705 ±0.050 | 0.549 ±0.052 | 0.328 ±0.053 | 0.099 ±0.046 |
| 1 | 5.00E-05 | 0.937 ±0.023 | 0.914 ±0.020 | 0.886 ±0.025 | 0.833 ±0.040 | 0.744 ±0.048 | 0.612 ±0.065 | 0.449 ±0.083 | 0.250 ±0.040 | 0.068 ±0.022 |
| 2 | 5.00E-05 | 0.933 ±0.021 | 0.918 ±0.022 | 0.894 ±0.022 | 0.869 ±0.026 | 0.820 ±0.032 | 0.699 ±0.051 | 0.533 ±0.074 | 0.299 ±0.065 | 0.090 ±0.020 |
| 3 | 5.00E-05 | 0.924 ±0.021 | 0.915 ±0.021 | 0.897 ±0.016 | 0.864 ±0.025 | 0.806 ±0.038 | 0.710 ±0.052 | 0.549 ±0.040 | 0.334 ±0.050 | 0.096 ±0.030 |
| 1 | 1.00E-05 | 0.935 ±0.024 | 0.915 ±0.025 | 0.886 ±0.025 | 0.839 ±0.035 | 0.750 ±0.050 | 0.635 ±0.059 | 0.472 ±0.068 | 0.271 ±0.036 | 0.083 ±0.021 |
| 2 | 1.00E-05 | 0.935 ±0.023 | 0.919 ±0.026 | 0.895 ±0.021 | 0.869 ±0.029 | 0.795 ±0.043 | 0.685 ±0.052 | 0.536 ±0.050 | 0.313 ±0.045 | 0.095 ±0.016 |
| 3 | 1.00E-05 | 0.937 ±0.026 | **0.930 ±0.024** | **0.912 ±0.031** | **0.884 ±0.023** | 0.817 ±0.045 | 0.718 ±0.052 | 0.541 ±0.074 | 0.317 ±0.064 | 0.098 ±0.024 |
| 1 | 5.00E-06 | **0.942 ±0.022** | 0.929 ±0.017 | 0.895 ±0.021 | 0.854 ±0.025 | 0.768 ±0.046 | 0.645 ±0.068 | 0.475 ±0.065 | 0.275 ±0.043 | 0.075 ±0.027 |
| 2 | 5.00E-06 | 0.931 ±0.026 | 0.918 ±0.025 | 0.901 ±0.018 | 0.870 ±0.020 | 0.797 ±0.041 | 0.682 ±0.054 | 0.510 ±0.049 | 0.313 ±0.069 | 0.090 ±0.025 |
| 3 | 5.00E-06 | 0.932 ±0.028 | 0.917 ±0.027 | 0.902 ±0.019 | 0.865 ±0.032 | 0.822 ±0.042 | 0.712 ±0.044 | 0.534 ±0.046 | 0.298 ±0.045 | 0.086 ±0.023 |
| 1 | 1.00E-06 | 0.937 ±0.019 | 0.919 ±0.015 | 0.889 ±0.025 | 0.841 ±0.036 | 0.751 ±0.054 | 0.624 ±0.058 | 0.469 ±0.066 | 0.279 ±0.051 | 0.073 ±0.024 |
| 2 | 1.00E-06 | 0.925 ±0.028 | 0.913 ±0.030 | 0.888 ±0.027 | 0.849 ±0.031 | 0.790 ±0.039 | 0.672 ±0.055 | 0.499 ±0.072 | 0.289 ±0.050 | 0.079 ±0.028 |
| 3 | 1.00E-06 | 0.931 ±0.022 | 0.918 ±0.019 | 0.897 ±0.017 | 0.863 ±0.023 | 0.792 ±0.038 | 0.668 ±0.029 | 0.526 ±0.047 | 0.296 ±0.042 | 0.079 ±0.031 |
| 1 | 5.00E-05 | 0.934 ±0.023 | 0.916 ±0.023 | 0.889 ±0.026 | 0.846 ±0.033 | 0.768 ±0.059 | 0.653 ±0.054 | 0.496 ±0.075 | 0.289 ±0.060 | 0.082 ±0.022 |
| 2 | 5.00E-05 | 0.935 ±0.027 | 0.918 ±0.025 | 0.900 ±0.025 | 0.865 ±0.032 | 0.801 ±0.036 | 0.690 ±0.035 | 0.532 ±0.063 | 0.313 ±0.055 | 0.085 ±0.020 |
| 3 | 5.00E-05 | 0.929 ±0.021 | 0.911 ±0.022 | 0.895 ±0.023 | 0.854 ±0.028 | 0.804 ±0.032 | 0.684 ±0.045 | 0.542 ±0.046 | 0.312 ±0.055 | 0.090 ±0.027 |
| 1 | 1.00E-05 | 0.939 ±0.022 | 0.922 ±0.026 | 0.900 ±0.026 | 0.853 ±0.032 | 0.797 ±0.042 | 0.692 ±0.049 | 0.525 ±0.085 | 0.312 ±0.054 | 0.115 ±0.027 |
| 2 | 1.00E-05 | 0.928 ±0.028 | 0.915 ±0.027 | 0.897 ±0.024 | 0.862 ±0.031 | 0.793 ±0.039 | 0.684 ±0.061 | 0.510 ±0.061 | 0.299 ±0.039 | 0.081 ±0.022 |
| 3 | 1.00E-05 | 0.934 ±0.024 | 0.924 ±0.024 | 0.902 ±0.018 | 0.874 ±0.025 | 0.819 ±0.040 | 0.720 ±0.054 | 0.550 ±0.066 | 0.320 ±0.064 | 0.097 ±0.029 |
| 1 | 5.00E-06 | 0.938 ±0.024 | 0.922 ±0.024 | 0.896 ±0.024 | 0.848 ±0.042 | 0.767 ±0.045 | 0.665 ±0.040 | 0.491 ±0.046 | 0.266 ±0.037 | 0.075 ±0.023 |
| 2 | 5.00E-06 | 0.935 ±0.021 | 0.922 ±0.020 | 0.902 ±0.021 | 0.872 ±0.030 | 0.812 ±0.038 | 0.692 ±0.054 | 0.531 ±0.055 | 0.305 ±0.049 | 0.082 ±0.035 |
| 3 | 5.00E-06 | 0.931 ±0.025 | 0.918 ±0.025 | 0.900 ±0.026 | 0.866 ±0.028 | 0.811 ±0.037 | 0.711 ±0.045 | 0.528 ±0.077 | 0.309 ±0.058 | 0.083 ±0.031 |
| 1 | 1.00E-06 | 0.937 ±0.031 | 0.917 ±0.033 | 0.882 ±0.032 | 0.822 ±0.044 | 0.736 ±0.059 | 0.617 ±0.067 | 0.467 ±0.074 | 0.250 ±0.058 | 0.063 ±0.016 |
| 2 | 1.00E-06 | 0.929 ±0.026 | 0.916 ±0.025 | 0.900 ±0.025 | 0.863 ±0.030 | 0.812 ±0.029 | 0.706 ±0.045 | 0.543 ±0.056 | 0.313 ±0.051 | 0.089 ±0.025 |
| 3 | 1.00E-06 | 0.931 ±0.020 | 0.917 ±0.020 | 0.898 ±0.020 | 0.869 ±0.033 | 0.812 ±0.031 | 0.697 ±0.040 | 0.537 ±0.068 | 0.311 ±0.050 | 0.077 ±0.033 |