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xgboost [x_xliangnode#07:ProMOSNet]$ python train.py --lamb_c=0.5 --lamb_t=0.5 --lamb_tau=0.5 --lamb_tau=0.5 --lamb_tau=0.5 --lamb_tau=0.5
Loading all wav files.
100% [x_xliangnode#07:ProMOSNet] 54040/54040 [07:55<00:00, 113.60it/s]
/proj/jhorse_2021/users/x_xliang/ProMOSNet/ProMOSNet/dataset.py:55: SettingWithCopyWarning:
A value is trying to be set on a copy of a slice from a DataFrame

See the caveats in the documentation: https://pandas.pydata.org/pandas-docs/stable/user_guide/indexing.html#returning-a-view-versus-a-copy
self.scores['JUDGE'][i] = self.idtable[judge_i]
Loading all wav files.
100% [x_xliangnode#07:ProMOSNet] 3000/3000 [01:45<00:00, 28.55it/s]
/proj/jhorse_2021/users/x_xliang/ProMOSNet/ProMOSNet/dataset.py:55: SettingWithCopyWarning:
A value is trying to be set on a copy of a slice from a DataFrame

See the caveats in the documentation: https://pandas.pydata.org/pandas-docs/stable/user_guide/indexing.html#returning-a-view-versus-a-copy
self.scores['JUDGE'][i] = self.idtable[judge_i]
Loading all wav files.
100% [x_xliangnode#07:ProMOSNet] 4000/4000 [02:20<00:00, 28.48it/s]
/proj/jhorse_2021/users/x_xliang/ProMOSNet/ProMOSNet/dataset.py:55: SettingWithCopyWarning:
A value is trying to be set on a copy of a slice from a DataFrame

See the caveats in the documentation: https://pandas.pydata.org/pandas-docs/stable/user_guide/indexing.html#returning-a-view-versus-a-copy
self.scores['JUDGE'][i] = self.idtable[judge_i]
Train: 100% 845/845 [03:27<00:00, 4.08 step/s]
Average loss=0.82335.05625
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.27 step/s]

[Valid(teacher)][0][UTT] MSE = 0.6579 | LCC = 0.4390 | SRCC = 0.4256 | [SYS] MSE = 0.3120 | LCC = 0.6960 | SRCC = 0.7655 |
[Valid(teacher)][0][UTT] GML = 0.298302 | AML = 0.334585 | MoV = 0.739973 | VoV = 0.005106 | [SYS] GML = 0.000005 | AML = 0.641591 | MoV = 0.008438 | VoV = 0.000040 |
Train: 100% 845/845 [03:22<00:00, 4.18 step/s]
Average loss=0.43859076499938965
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.94 step/s]

[Valid(teacher)][1][UTT] MSE = 0.5412 | LCC = 0.5498 | SRCC = 0.5220 | [SYS] MSE = 0.1151 | LCC = 0.8932 | SRCC = 0.8626 |
[Valid(teacher)][1][UTT] GML = 0.328229 | AML = 0.368933 | MoV = 0.602849 | VoV = 0.005572 | [SYS] GML = 0.009209 | AML = 1.373359 | MoV = 0.006994 | VoV = 0.000033 |
Train: 100% 845/845 [03:22<00:00, 4.17 step/s]
Average loss=0.3605695391845703
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.14 step/s]

[Valid(teacher)][2][UTT] MSE = 0.8743 | LCC = 0.5893 | SRCC = 0.5478 | [SYS] MSE = 0.4360 | LCC = 0.9316 | SRCC = 0.8639 |
[Valid(teacher)][2][UTT] GML = 0.194707 | AML = 0.336650 | MoV = 0.446716 | VoV = 0.010270 | [SYS] GML = 0.000000 | AML = 0.288787 | MoV = 0.005208 | VoV = 0.000020 |
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=0.32400915026664734
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.79 step/s]

[Valid(teacher)][3][UTT] MSE = 0.8802 | LCC = 0.5945 | SRCC = 0.5472 | [SYS] MSE = 0.4317 | LCC = 0.9464 | SRCC = 0.8926 |
[Valid(teacher)][3][UTT] GML = 0.192693 | AML = 0.335384 | MoV = 0.451752 | VoV = 0.010453 | [SYS] GML = 0.000000 | AML = 0.000382 | MoV = 0.005166 | VoV = 0.000017 |
Train: 100% 845/845 [03:22<00:00, 4.16 step/s]
Average loss=0.2970634996891022
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.85 step/s]

[Valid(teacher)][4][UTT] MSE = 0.7256 | LCC = 0.6081 | SRCC = 0.5599 | [SYS] MSE = 0.2705 | LCC = 0.9563 | SRCC = 0.9097 |
[Valid(teacher)][4][UTT] GML = 0.249102 | AML = 0.365388 | MoV = 0.448955 | VoV = 0.007319 | [SYS] GML = 0.000000 | AML = 0.017723 | MoV = 0.005003 | VoV = 0.000012 |
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=0.2785552144050598
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.10 step/s]

[Valid(teacher)][5][UTT] MSE = 0.7592 | LCC = 0.6120 | SRCC = 0.5625 | [SYS] MSE = 0.3056 | LCC = 0.9616 | SRCC = 0.8988 |
[Valid(teacher)][5][UTT] GML = 0.236730 | AML = 0.359968 | MoV = 0.441636 | VoV = 0.007483 | [SYS] GML = 0.000000 | AML = 0.000556 | MoV = 0.004942 | VoV = 0.000012 |
Train: 100% 845/845 [03:22<00:00, 4.16 step/s]
Average loss=0.2607029676437378
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.49 step/s]

[Valid(teacher)][6][UTT] MSE = 0.6286 | LCC = 0.6219 | SRCC = 0.5726 | [SYS] MSE = 0.1782 | LCC = 0.9641 | SRCC = 0.9063 |
[Valid(teacher)][6][UTT] GML = 0.287835 | AML = 0.384225 | MoV = 0.451968 | VoV = 0.005874 | [SYS] GML = 0.000000 | AML = 0.130799 | MoV = 0.005001 | VoV = 0.000011 |
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=0.2476714849472046
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.81 step/s]

[Valid(teacher)][7][UTT] MSE = 0.5645 | LCC = 0.6298 | SRCC = 0.5803 | [SYS] MSE = 0.1174 | LCC = 0.9660 | SRCC = 0.9063 |
[Valid(teacher)][7][UTT] GML = 0.313840 | AML = 0.396942 | MoV = 0.453637 | VoV = 0.004937 | [SYS] GML = 0.000016 | AML = 0.931731 | MoV = 0.004981 | VoV = 0.000010 |
Train: 100% 845/845 [03:22<00:00, 4.17 step/s]
Average loss=0.23118585348129272
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.85 step/s]

[Valid(teacher)][8][UTT] MSE = 0.5343 | LCC = 0.6355 | SRCC = 0.5858 | [SYS] MSE = 0.0895 | LCC = 0.9674 | SRCC = 0.9125 |
[Valid(teacher)][8][UTT] GML = 0.325608 | AML = 0.404423 | MoV = 0.448923 | VoV = 0.004579 | [SYS] GML = 0.000355 | AML = 1.378680 | MoV = 0.004904 | VoV = 0.000009 |
Train: 100% 845/845 [03:22<00:00, 4.17 step/s]
Average loss=0.21784701943397522
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.94 step/s]

[Valid(teacher)][9][UTT] MSE = 0.5134 | LCC = 0.6413 | SRCC = 0.5921 | [SYS] MSE = 0.0736 | LCC = 0.9692 | SRCC = 0.9186 |
[Valid(teacher)][9][UTT] GML = 0.334157 | AML = 0.409961 | MoV = 0.443924 | VoV = 0.004369 | [SYS] GML = 0.002111 | AML = 1.498956 | MoV = 0.004825 | VoV = 0.000009 |
Train: 100% 845/845 [03:22<00:00, 4.17 step/s]
Average loss=0.20406311750411987
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.88 step/s]

[Valid(teacher)][10][UTT] MSE = 0.5074 | LCC = 0.6442 | SRCC = 0.5951 | [SYS] MSE = 0.0679 | LCC = 0.9709 | SRCC = 0.9255 |
[Valid(teacher)][10][UTT] GML = 0.336155 | AML = 0.413323 | MoV = 0.435043 | VoV = 0.004156 | [SYS] GML = 0.003255 | AML = 1.493591 | MoV = 0.004720 | VoV = 0.000008 |
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]
Average loss=0.1872343122959137
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.70 step/s]

[Valid(teacher)][11][UTT] MSE = 0.5268 | LCC = 0.6456 | SRCC = 0.5973 | [SYS] MSE = 0.0891 | LCC = 0.9725 | SRCC = 0.9330 |
[Valid(teacher)][11][UTT] GML = 0.326723 | AML = 0.411968 | MoV = 0.421236 | VoV = 0.0041
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Average loss=0.06349251419305801
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.12 step/s]

[Valid(teacher)][20][UTT][MSE = 0.5225 | LCC = 0.6514 | SRCC = 0.6099 | [SYS][MSE = 0.0695 | LCC = 0.9814 | SRCC = 0.9631]
[Valid(teacher)][20][UTT][GML = 0.318707 | AML = 0.429098 | MoV = 0.359590 | VoV = 0.002957 | [SYS][GML = 0.000210 | AML = 0.494915 | MoV = 0.003914 | VoV = 0.000005]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=0.052774447947740555
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.97 step/s]

[Valid(teacher)][21][UTT][MSE = 0.5497 | LCC = 0.6480 | SRCC = 0.6074 | [SYS][MSE = 0.0920 | LCC = 0.9816 | SRCC = 0.9631]
[Valid(teacher)][21][UTT][GML = 0.303784 | AML = 0.424545 | MoV = 0.351964 | VoV = 0.003071 | [SYS][GML = 0.000004 | AML = 0.582896 | MoV = 0.003836 | VoV = 0.000005]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=0.03976640850305557
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.24 step/s]

[Valid(teacher)][22][UTT][MSE = 0.5748 | LCC = 0.6455 | SRCC = 0.6067 | [SYS][MSE = 0.1146 | LCC = 0.9816 | SRCC = 0.9617]
[Valid(teacher)][22][UTT][GML = 0.289112 | AML = 0.420685 | MoV = 0.343182 | VoV = 0.003145 | [SYS][GML = 0.000000 | AML = 0.487417 | MoV = 0.003760 | VoV = 0.000005]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=0.02746550366282463
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.34 step/s]

[Valid(teacher)][23][UTT][MSE = 0.5670 | LCC = 0.6466 | SRCC = 0.6081 | [SYS][MSE = 0.1058 | LCC = 0.9817 | SRCC = 0.9617]
[Valid(teacher)][23][UTT][GML = 0.291443 | AML = 0.424100 | MoV = 0.338407 | VoV = 0.003014 | [SYS][GML = 0.000000 | AML = 0.553878 | MoV = 0.003708 | VoV = 0.000005]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=0.014121185056065215
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.24 step/s]

[Valid(teacher)][24][UTT][MSE = 0.5588 | LCC = 0.6466 | SRCC = 0.6080 | [SYS][MSE = 0.0959 | LCC = 0.9821 | SRCC = 0.9610]
[Valid(teacher)][24][UTT][GML = 0.293088 | AML = 0.427780 | MoV = 0.332614 | VoV = 0.002895 | [SYS][GML = 0.000001 | AML = 0.606114 | MoV = 0.003641 | VoV = 0.000005]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=0.0025881880428642035
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.61 step/s]

[Valid(teacher)][25][UTT][MSE = 0.5528 | LCC = 0.6472 | SRCC = 0.6090 | [SYS][MSE = 0.0875 | LCC = 0.9821 | SRCC = 0.9610]
[Valid(teacher)][25][UTT][GML = 0.294567 | AML = 0.430584 | MoV = 0.328552 | VoV = 0.002755 | [SYS][GML = 0.000003 | AML = 0.557572 | MoV = 0.003600 | VoV = 0.000005]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=0.00990102401187897
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.14 step/s]

[Valid(teacher)][26][UTT][MSE = 0.5645 | LCC = 0.6467 | SRCC = 0.6085 | [SYS][MSE = 0.0986 | LCC = 0.9822 | SRCC = 0.9597]
[Valid(teacher)][26][UTT][GML = 0.286110 | AML = 0.429644 | MoV = 0.321618 | VoV = 0.002864 | [SYS][GML = 0.000000 | AML = 0.606499 | MoV = 0.003523 | VoV = 0.000005]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=0.023622628301382065
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.31 step/s]

[Valid(teacher)][27][UTT][MSE = 0.5508 | LCC = 0.6482 | SRCC = 0.6101 | [SYS][MSE = 0.0854 | LCC = 0.9828 | SRCC = 0.9603]
[Valid(teacher)][27][UTT][GML = 0.290620 | AML = 0.434163 | MoV = 0.316991 | VoV = 0.002869 | [SYS][GML = 0.000002 | AML = 0.563978 | MoV = 0.003468 | VoV = 0.000004]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.03289995715022087
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.93 step/s]

[Valid(teacher)][28][UTT][MSE = 0.5668 | LCC = 0.6455 | SRCC = 0.6080 | [SYS][MSE = 0.0984 | LCC = 0.9827 | SRCC = 0.9603]
[Valid(teacher)][28][UTT][GML = 0.280104 | AML = 0.431566 | MoV = 0.311480 | VoV = 0.002779 | [SYS][GML = 0.000000 | AML = 0.606850 | MoV = 0.003417 | VoV = 0.000004]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.04082542285323143
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.54 step/s]

[Valid(teacher)][29][UTT][MSE = 0.5658 | LCC = 0.6452 | SRCC = 0.6078 | [SYS][MSE = 0.0967 | LCC = 0.9829 | SRCC = 0.9617]
[Valid(teacher)][29][UTT][GML = 0.279279 | AML = 0.431988 | MoV = 0.309183 | VoV = 0.002719 | [SYS][GML = 0.000000 | AML = 0.597070 | MoV = 0.003401 | VoV = 0.000004]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.05331684648990631
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.00 step/s]

[Valid(teacher)][30][UTT][MSE = 0.5559 | LCC = 0.6448 | SRCC = 0.6077 | [SYS][MSE = 0.0831 | LCC = 0.9830 | SRCC = 0.9617]
[Valid(teacher)][30][UTT][GML = 0.282249 | AML = 0.435901 | MoV = 0.305025 | VoV = 0.002543 | [SYS][GML = 0.000002 | AML = 0.593366 | MoV = 0.003354 | VoV = 0.000004]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.0634435939788818
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.75 step/s]

[Valid(teacher)][31][UTT][MSE = 0.5653 | LCC = 0.6439 | SRCC = 0.6072 | [SYS][MSE = 0.0939 | LCC = 0.9833 | SRCC = 0.9658]
[Valid(teacher)][31][UTT][GML = 0.275930 | AML = 0.433891 | MoV = 0.301128 | VoV = 0.002478 | [SYS][GML = 0.000000 | AML = 0.593429 | MoV = 0.003314 | VoV = 0.000004]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.07836470752954483
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.96 step/s]

[Valid(teacher)][32][UTT][MSE = 0.5572 | LCC = 0.6448 | SRCC = 0.6082 | [SYS][MSE = 0.0855 | LCC = 0.9831 | SRCC = 0.9672]
[Valid(teacher)][32][UTT][GML = 0.277531 | AML = 0.436817 | MoV = 0.295936 | VoV = 0.002266 | [SYS][GML = 0.000001 | AML = 0.625323 | MoV = 0.003258 | VoV = 0.000004]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.08406311273574829
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.91 step/s]

[Valid(teacher)][33][UTT][MSE = 0.5508 | LCC = 0.6453 | SRCC = 0.6090 | [SYS][MSE = 0.0778 | LCC = 0.9828 | SRCC = 0.9679]
[Valid(teacher)][33][UTT][GML = 0.278966 | AML = 0.439174 | MoV = 0.292508 | VoV = 0.002316 | [SYS][GML = 0.000003 | AML = 0.571275 | MoV = 0.003214 | VoV = 0.000004]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.09870649874210358
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.58 step/s]

[Valid(teacher)][34][UTT][MSE = 0.5511 | LCC = 0.6448 | SRCC = 0.6090 | [SYS][MSE = 0.0776 | LCC = 0.9828 | SRCC = 0.9617]
[Valid(teacher)][34][UTT][GML = 0.276383 | AML = 0.440423 | MoV = 0.288390 | VoV = 0.002232 | [SYS][GML = 0.000002 | AML = 0.560517 | MoV = 0.003172 | VoV = 0.000004]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.10338306427001953
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.92 step/s]

[Valid(teacher)][35][UTT][MSE = 0.5663 | LCC = 0.6433 | SRCC = 0.6079 | [SYS][MSE = 0.0921 | LCC = 0.9832 | SRCC = 0.9617]
[Valid(teacher)][35][UTT][GML = 0.266119 | AML = 0.436752 | MoV = 0.284013 | VoV = 0.002188 | [SYS][GML = 0.000000 | AML = 0.600479 | MoV = 0.003138 | VoV = 0.000004]
Train: 100% 845/845 [03:23<00:00, 4.14 step/s]
Average loss=-0.12173904478549957
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.60 step/s]

[Valid(teacher)][36][UTT][MSE = 0.5660 | LCC = 0.6446 | SRCC = 0.6092 | [SYS][MSE = 0.0932 | LCC = 0.9835 | SRCC = 0.9590]
[Valid(teacher)][36][UTT][GML = 0.263351 | AML = 0.438364 | MoV = 0.279235 | VoV = 0.002196 | [SYS][GML = 0.000000 | AML = 0.577437 | MoV = 0.003082 | VoV = 0.000004]
Train: 100% 845/845 [03:24<00:00, 4.12 step/s]
Average loss=-0.12869682908058167
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.29 step/s]

[Valid(teacher)][37][UTT][MSE = 0.5960 | LCC = 0.6419 | SRCC = 0.6061 | [SYS][MSE = 0.1216 | LCC = 0.9834 | SRCC = 0.9610]
[Valid(teacher)][37][UTT][GML = 0.245597 | AML = 0.431190 | MoV = 0.274258 | VoV = 0.002119 | [SYS][GML = 0.000000 | AML = 0.212446 | MoV = 0.003034 | VoV = 0.000004]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.1428498923778534
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.45 step/s]

[Valid(teacher)][38][UTT][MSE = 0.5986 | LCC = 0.6419 | SRCC = 0.6057 | [SYS][MSE = 0.1230 | LCC = 0.9839 | SRCC = 0.9644]
[Valid(teacher)][38][UTT][GML = 0.241244 | AML = 0.431718 | MoV = 0.278359 | VoV = 0.002128 | [SYS][GML = 0.000000 | AML = 0.198179 | MoV = 0.002994 | VoV = 0.000004]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.15497851371765137
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.04 step/s]

[Valid(teacher)][39][UTT][MSE = 0.5708 | LCC = 0.6434 | SRCC = 0.6064 | [SYS][MSE = 0.0991 | LCC = 0.9848 | SRCC = 0.9665]
[Valid(teacher)][39][UTT][GML = 0.254684 | AML = 0.439566 | MoV = 0.267934 | VoV = 0.001965 | [SYS][GML = 0.000000 | AML = 0.336552 | MoV = 0.002966 | VoV = 0.000004]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.16548758745193481
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.08 step/s]

[Valid(teacher)][40][UTT][MSE = 0.5733 | LCC = 0.6427 | SRCC = 0.6058 | [SYS][MSE = 0.0998 | LCC = 0.9845 | SRCC = 0.9692]
[Valid(teacher)][40][UTT][GML = 0.249743 | AML = 0.439660 | MoV = 0.263138 | VoV = 0.001950 | [SYS][GML = 0.000000 | AML = 0.373626 | MoV = 0.002919 | VoV = 0.000004]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.17184773087501526
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.41 step/s]

[Valid(teacher)][41][UTT][MSE = 0.5766 | LCC = 0.6432 | SRCC = 0.6068 | [SYS][MSE = 0.1047 | LCC = 0.9844 | SRCC = 0.9692]
[Valid(teacher)][41][UTT][GML = 0.246029 | AML = 0.439260 | MoV = 0.260099 | VoV = 0.001858 | [SYS][GML = 0.000000 | AML = 0.290174 | MoV = 0.002893 | VoV = 0.000004]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.18633225508188293
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.50 step/s]

[Valid(teacher)][42][UTT][MSE = 0.5560 | LCC = 0.6455 | SRCC = 0.6090 | [SYS][MSE = 0.0850 | LCC = 0.9847 | SRCC = 0.9713]
[Valid(teacher)][42][UTT][GML = 0.255639 | AML = 0.445108 | MoV = 0.258097 | VoV = 0.001785 | [SYS][GML = 0.000000 | AML = 0.622056 | MoV = 0.002860 | VoV = 0.000003]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.19165252149105072
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.29 step/s]

[Valid(teacher)][43][UTT][MSE = 0.5387 | LCC = 0.6460 | SRCC = 0.6089 | [SYS][MSE = 0.0665 | LCC = 0.9851 | SRCC = 0.9692]
[Valid(teacher)][43][UTT][GML = 0.265762 | AML = 0.449652 | MoV = 0.256918 | VoV = 0.001631 | [SYS][GML = 0.000005 | AML = 0.728203 | MoV = 0.002834 | VoV = 0.000003]

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Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.21156583726406097
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.88 step/s]

[Valid(teacher)][44][UTT][ MSE = 0.5408 | LCC = 0.6453 | SRCC = 0.6080 ] [SYS][ MSE = 0.0693 | LCC = 0.9849 | SRCC = 0.9713 ]
[Valid(teacher)][44][UTT][ GML = 0.260740 | AML = 0.449768 | MoV = 0.251970 | VoV = 0.001577 ] [SYS][ GML = 0.000002 | AML = 0.815847 | MoV = 0.002785 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.210843279577713
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.24 step/s]

[Valid(teacher)][45][UTT][ MSE = 0.5604 | LCC = 0.6442 | SRCC = 0.6072 ] [SYS][ MSE = 0.0883 | LCC = 0.9853 | SRCC = 0.9699 ]
[Valid(teacher)][45][UTT][ GML = 0.249146 | AML = 0.444305 | MoV = 0.250246 | VoV = 0.001488 ] [SYS][ GML = 0.000000 | AML = 0.508084 | MoV = 0.002775 | VoV = 0.000003 ]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.21786615252494812
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.53 step/s]

[Valid(teacher)][46][UTT][ MSE = 0.5466 | LCC = 0.6447 | SRCC = 0.6080 ] [SYS][ MSE = 0.0761 | LCC = 0.9853 | SRCC = 0.9699 ]
[Valid(teacher)][46][UTT][ GML = 0.254706 | AML = 0.448813 | MoV = 0.248042 | VoV = 0.001508 ] [SYS][ GML = 0.000000 | AML = 0.667399 | MoV = 0.002753 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00, 4.14 step/s]
Average loss=-0.22774700820446014
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.09 step/s]

[Valid(teacher)][47][UTT][ MSE = 0.5495 | LCC = 0.6446 | SRCC = 0.6082 ] [SYS][ MSE = 0.0799 | LCC = 0.9850 | SRCC = 0.9699 ]
[Valid(teacher)][47][UTT][ GML = 0.250996 | AML = 0.448060 | MoV = 0.245768 | VoV = 0.001543 ] [SYS][ GML = 0.000000 | AML = 0.645469 | MoV = 0.002731 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.24126629531383514
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.94 step/s]

[Valid(teacher)][48][UTT][ MSE = 0.5253 | LCC = 0.6437 | SRCC = 0.6068 ] [SYS][ MSE = 0.0579 | LCC = 0.9848 | SRCC = 0.9713 ]
[Valid(teacher)][48][UTT][ GML = 0.265007 | AML = 0.454673 | MoV = 0.244240 | VoV = 0.001391 ] [SYS][ GML = 0.000028 | AML = 1.069515 | MoV = 0.002709 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00, 4.14 step/s]
Average loss=-0.2480977736663818
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.05 step/s]

[Valid(teacher)][49][UTT][ MSE = 0.5192 | LCC = 0.6434 | SRCC = 0.6069 ] [SYS][ MSE = 0.0492 | LCC = 0.9850 | SRCC = 0.9706 ]
[Valid(teacher)][49][UTT][ GML = 0.268913 | AML = 0.457302 | MoV = 0.244073 | VoV = 0.001334 ] [SYS][ GML = 0.000191 | AML = 1.188033 | MoV = 0.002700 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.2557140290737152
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.33 step/s]

[Valid(teacher)][50][UTT][ MSE = 0.5123 | LCC = 0.6428 | SRCC = 0.6068 ] [SYS][ MSE = 0.0428 | LCC = 0.9847 | SRCC = 0.9665 ]
[Valid(teacher)][50][UTT][ GML = 0.270886 | AML = 0.460020 | MoV = 0.241627 | VoV = 0.001336 ] [SYS][ GML = 0.000794 | AML = 1.468575 | MoV = 0.002667 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.26853564381599426
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.58 step/s]

[Valid(teacher)][51][UTT][ MSE = 0.5270 | LCC = 0.6403 | SRCC = 0.6042 ] [SYS][ MSE = 0.0551 | LCC = 0.9849 | SRCC = 0.9692 ]
[Valid(teacher)][51][UTT][ GML = 0.258291 | AML = 0.455895 | MoV = 0.237156 | VoV = 0.001300 ] [SYS][ GML = 0.000036 | AML = 1.125658 | MoV = 0.002631 | VoV = 0.000003 ]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.2768503427505493
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.74 step/s]

[Valid(teacher)][52][UTT][ MSE = 0.5210 | LCC = 0.6400 | SRCC = 0.6042 ] [SYS][ MSE = 0.0463 | LCC = 0.9848 | SRCC = 0.9679 ]
[Valid(teacher)][52][UTT][ GML = 0.260247 | AML = 0.459084 | MoV = 0.234887 | VoV = 0.001267 ] [SYS][ GML = 0.000248 | AML = 1.276541 | MoV = 0.002600 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.28168734908103943
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.88 step/s]

[Valid(teacher)][53][UTT][ MSE = 0.5163 | LCC = 0.6391 | SRCC = 0.6032 ] [SYS][ MSE = 0.0427 | LCC = 0.9845 | SRCC = 0.9631 ]
[Valid(teacher)][53][UTT][ GML = 0.262484 | AML = 0.460610 | MoV = 0.233676 | VoV = 0.001231 ] [SYS][ GML = 0.000686 | AML = 1.541251 | MoV = 0.002589 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00, 4.12 step/s]
Average loss=-0.2941752076148987
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.32 step/s]

[Valid(teacher)][54][UTT][ MSE = 0.5156 | LCC = 0.6396 | SRCC = 0.6038 ] [SYS][ MSE = 0.0422 | LCC = 0.9842 | SRCC = 0.9624 ]
[Valid(teacher)][54][UTT][ GML = 0.259525 | AML = 0.462136 | MoV = 0.230207 | VoV = 0.001271 ] [SYS][ GML = 0.000678 | AML = 1.711713 | MoV = 0.002555 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00, 4.12 step/s]
Average loss=-0.3021908998480938
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.77 step/s]

[Valid(teacher)][55][UTT][ MSE = 0.5140 | LCC = 0.6399 | SRCC = 0.6043 ] [SYS][ MSE = 0.0416 | LCC = 0.9838 | SRCC = 0.9644 ]
[Valid(teacher)][55][UTT][ GML = 0.259050 | AML = 0.463111 | MoV = 0.229054 | VoV = 0.001315 ] [SYS][ GML = 0.000789 | AML = 1.752490 | MoV = 0.002541 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00, 4.14 step/s]
Average loss=-0.308731347322464
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.55 step/s]

[Valid(teacher)][56][UTT][ MSE = 0.5295 | LCC = 0.6380 | SRCC = 0.6018 ] [SYS][ MSE = 0.0548 | LCC = 0.9837 | SRCC = 0.9583 ]
[Valid(teacher)][56][UTT][ GML = 0.246399 | AML = 0.459496 | MoV = 0.225198 | VoV = 0.001273 ] [SYS][ GML = 0.000026 | AML = 1.320630 | MoV = 0.002507 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.3238120973110199
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.89 step/s]

[Valid(teacher)][57][UTT][ MSE = 0.5550 | LCC = 0.6365 | SRCC = 0.6001 ] [SYS][ MSE = 0.0775 | LCC = 0.9834 | SRCC = 0.9672 ]
[Valid(teacher)][57][UTT][ GML = 0.225069 | AML = 0.454106 | MoV = 0.218753 | VoV = 0.001281 ] [SYS][ GML = 0.000000 | AML = 0.693856 | MoV = 0.002447 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.3286533057689667
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.88 step/s]

[Valid(teacher)][58][UTT][ MSE = 0.5334 | LCC = 0.6363 | SRCC = 0.6004 ] [SYS][ MSE = 0.0590 | LCC = 0.9831 | SRCC = 0.9590 ]
[Valid(teacher)][58][UTT][ GML = 0.230754 | AML = 0.460291 | MoV = 0.218964 | VoV = 0.001310 ] [SYS][ GML = 0.000007 | AML = 1.140751 | MoV = 0.002443 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.33828073740005493
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.88 step/s]

[Valid(teacher)][59][UTT][ MSE = 0.5101 | LCC = 0.6357 | SRCC = 0.5994 ] [SYS][ MSE = 0.0364 | LCC = 0.9830 | SRCC = 0.9569 ]
[Valid(teacher)][59][UTT][ GML = 0.253878 | AML = 0.467259 | MoV = 0.218020 | VoV = 0.001127 ] [SYS][ GML = 0.002514 | AML = 2.156792 | MoV = 0.002413 | VoV = 0.000002 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.33969154953956604
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.83 step/s]

[Valid(teacher)][60][UTT][ MSE = 0.5129 | LCC = 0.6357 | SRCC = 0.5999 ] [SYS][ MSE = 0.0385 | LCC = 0.9836 | SRCC = 0.9556 ]
[Valid(teacher)][60][UTT][ GML = 0.249144 | AML = 0.467086 | MoV = 0.215807 | VoV = 0.001133 ] [SYS][ GML = 0.001411 | AML = 2.190827 | MoV = 0.002399 | VoV = 0.000002 ]
Best model performance test:
Test(best): 0% 0/4000 [00:00<?, ? step/s]/home/x_xlian/.conda/envs/lxygpu/lib/python3.8/site-packages/torch/nn/modules/rnn.py:774: UserWarning: RNN module weights are not part of single contiguous chunk of memory. This means they need to be compacted at every call, possibly greatly increasing memory usage. To compact weights again call flatten_parameters(). (Triggered internally at ../at
en/src/ATen/native/cudnn/RNN.cpp:968.)
result = _VF.lstm(input, hx, self._flat_weights, self.bias, self.num_layers,
Test(best): 100% 4000/4000 [00:20<00:00, 194.24 step/s]

[Test(best)][61][UTT][ MSE = 0.4991 | LCC = 0.6594 | SRCC = 0.6257 ] [SYS][ MSE = 0.0526 | LCC = 0.9793 | SRCC = 0.9556 ]
[Test(best)][61][UTT][ GML = 0.332826 | AML = 0.433716 | MoV = 0.374747 | VoV = 0.003170 ] [SYS][ GML = 0.001278 | AML = 1.305278 | MoV = 0.003008 | VoV = 0.000003 ]
Test(last): 100% 4000/4000 [00:20<00:00, 199.33 step/s]

[Test(last)][61][UTT][ MSE = 0.5097 | LCC = 0.6381 | SRCC = 0.6068 ] [SYS][ MSE = 0.0359 | LCC = 0.9794 | SRCC = 0.9644 ]
[Test(last)][61][UTT][ GML = 0.254816 | AML = 0.475021 | MoV = 0.216090 | VoV = 0.001138 ] [SYS][ GML = 0.001713 | AML = 2.023590 | MoV = 0.001775 | VoV = 0.000001 ]
(lxygpu) [x_xliangnode007 ProMOSNet]$ client_loop: send disconnect: Broken pipe
lxy@Hope-Liang-NBA ProMOSNet
```