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xgboost [x_xlian@cse013 ProMOSNet]$ python train.py --lambda_c=0 --lambda_t=0 --runs/c0-to/r0/run4"
Loading all wav files.
100% |██████████████████████████████████████████████████████████████████████████| 54040/54040 [07:51<00:00, 114.60it/s]
/proj/jhorse_2021/users/x_xlian/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'][ii] = self.idtable[judge_i]
Loading all wav files.
100% |██████████████████████████████████████████████████████████████████████████| 3000/3000 [01:44<00:00, 28.81it/s]
/proj/jhorse_2021/users/x_xlian/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'][ii] = self.idtable[judge_i]
Loading all wav files.
100% |██████████████████████████████████████████████████████████████████████████| 4000/4000 [02:19<00:00, 28.57it/s]
/proj/jhorse_2021/users/x_xlian/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'][ii] = self.idtable[judge_i]
Train: 100% 845/845 [03:27<00:00, 4.06 step/s]
Average loss=0.7534474609375
Valid(teacher): 100% 3000/3000 [00:15<00:00, 190.95 step/s]

[Valid(teacher)][0][UTT] MSE = 0.7720 | LCC = 0.4575 | SRCC = 0.4377 | [SYS][ MSE = 0.4497 | LCC = 0.7593 | SRCC = 0.8133 ]
[Valid(teacher)][0][UTT] GML = 0.274450 | AML = 0.330621 | MoV = 0.659124 | VoV = 0.006359 | [SYS][ GML = 0.000000 | AML = 0.659660 | MoV = 0.007531 | VoV = 0.000034 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=0.25809183716773987
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.52 step/s]

[Valid(teacher)][1][UTT] MSE = 1.2027 | LCC = 0.5622 | SRCC = 0.5268 | [SYS][ MSE = 0.8124 | LCC = 0.8991 | SRCC = 0.8721 ]
[Valid(teacher)][1][UTT] GML = 0.114872 | AML = 0.283423 | MoV = 0.452031 | VoV = 0.017115 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.005427 | VoV = 0.000027 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=0.21649430692195892
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.82 step/s]

[Valid(teacher)][2][UTT] MSE = 0.9725 | LCC = 0.5899 | SRCC = 0.5497 | [SYS][ MSE = 0.5925 | LCC = 0.9233 | SRCC = 0.8769 ]
[Valid(teacher)][2][UTT] GML = 0.179589 | AML = 0.317787 | MoV = 0.460544 | VoV = 0.011463 | [SYS][ GML = 0.000000 | AML = 0.000019 | MoV = 0.005454 | VoV = 0.000023 ]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=0.19256705045700073
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.79 step/s]

[Valid(teacher)][3][UTT] MSE = 0.9580 | LCC = 0.5949 | SRCC = 0.5518 | [SYS][ MSE = 0.5612 | LCC = 0.9385 | SRCC = 0.8995 ]
[Valid(teacher)][3][UTT] GML = 0.169043 | AML = 0.322583 | MoV = 0.432078 | VoV = 0.010777 | [SYS][ GML = 0.000000 | AML = 0.000001 | MoV = 0.005107 | VoV = 0.000020 ]
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]
Average loss=0.17347335815429688
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.09 step/s]

[Valid(teacher)][4][UTT] MSE = 1.1311 | LCC = 0.5903 | SRCC = 0.5484 | [SYS][ MSE = 0.7380 | LCC = 0.9425 | SRCC = 0.8954 ]
[Valid(teacher)][4][UTT] GML = 0.130150 | AML = 0.295454 | MoV = 0.420378 | VoV = 0.010705 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004969 | VoV = 0.000019 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=0.15730829536914825
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.40 step/s]

[Valid(teacher)][5][UTT] MSE = 1.0629 | LCC = 0.5969 | SRCC = 0.5531 | [SYS][ MSE = 0.6717 | LCC = 0.9492 | SRCC = 0.9009 ]
[Valid(teacher)][5][UTT] GML = 0.149594 | AML = 0.307714 | MoV = 0.416768 | VoV = 0.009173 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004917 | VoV = 0.000018 ]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=0.14285406470298767
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.37 step/s]

[Valid(teacher)][6][UTT] MSE = 0.8658 | LCC = 0.6098 | SRCC = 0.5641 | [SYS][ MSE = 0.4732 | LCC = 0.9572 | SRCC = 0.9138 ]
[Valid(teacher)][6][UTT] GML = 0.208113 | AML = 0.341612 | MoV = 0.422204 | VoV = 0.006971 | [SYS][ GML = 0.000000 | AML = 0.000004 | MoV = 0.004937 | VoV = 0.000017 ]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=0.13481910526752472
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.59 step/s]

[Valid(teacher)][7][UTT] MSE = 0.7804 | LCC = 0.6182 | SRCC = 0.5733 | [SYS][ MSE = 0.3877 | LCC = 0.9626 | SRCC = 0.9268 ]
[Valid(teacher)][7][UTT] GML = 0.237423 | AML = 0.357336 | MoV = 0.423075 | VoV = 0.005752 | [SYS][ GML = 0.000000 | AML = 0.000079 | MoV = 0.004927 | VoV = 0.000016 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=0.11877382546663284
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.23 step/s]

[Valid(teacher)][8][UTT] MSE = 0.7861 | LCC = 0.6228 | SRCC = 0.5792 | [SYS][ MSE = 0.3913 | LCC = 0.9664 | SRCC = 0.9385 ]
[Valid(teacher)][8][UTT] GML = 0.233294 | AML = 0.357742 | MoV = 0.411007 | VoV = 0.005363 | [SYS][ GML = 0.000000 | AML = 0.000022 | MoV = 0.004797 | VoV = 0.000015 ]
Train: 100% 845/845 [03:23<00:00, 4.14 step/s]
Average loss=0.10757707059383392
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.12 step/s]

[Valid(teacher)][9][UTT] MSE = 0.7491 | LCC = 0.6283 | SRCC = 0.5871 | [SYS][ MSE = 0.3566 | LCC = 0.9689 | SRCC = 0.9385 ]
[Valid(teacher)][9][UTT] GML = 0.244481 | AML = 0.365204 | MoV = 0.406534 | VoV = 0.004993 | [SYS][ GML = 0.000000 | AML = 0.000111 | MoV = 0.004741 | VoV = 0.000014 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=0.09967158734798431
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.04 step/s]

[Valid(teacher)][10][UTT] MSE = 0.7549 | LCC = 0.6315 | SRCC = 0.5922 | [SYS][ MSE = 0.3658 | LCC = 0.9708 | SRCC = 0.9426 ]
[Valid(teacher)][10][UTT] GML = 0.241963 | AML = 0.364662 | MoV = 0.400142 | VoV = 0.004570 | [SYS][ GML = 0.000000 | AML = 0.000069 | MoV = 0.004663 | VoV = 0.000014 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=0.08774465322494507
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.94 step/s]

[Valid(teacher)][11][UTT] MSE = 0.7533 | LCC = 0.6326 | SRCC = 0.5953 | [SYS][ MSE = 0.3616 | LCC = 0.9716 | SRCC = 0.9364 ]
[Valid(teacher)][11][UTT] GML = 0.240685 | AML = 0.366008 | MoV = 0.392230 | VoV = 0.004179 | [SYS][
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Average loss=-0.00014559869305230677
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.48 step/s]

[Valid(teacher)][20][UTT][MSE = 0.6342 | LCC = 0.6365 | SRCC = 0.6002 | [SYS][MSE = 0.2064 | LCC = 0.9789 | SRCC = 0.9501]
[Valid(teacher)][20][UTT][GML = 0.266105 | AML = 0.398456 | MoV = 0.350974 | VoV = 0.003367 | [SYS][GML = 0.000000 | AML = 0.006713 | MoV = 0.004049 | VoV = 0.000009]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.010205448605120182
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.18 step/s]

[Valid(teacher)][21][UTT][MSE = 0.5816 | LCC = 0.6408 | SRCC = 0.6045 | [SYS][MSE = 0.1486 | LCC = 0.9799 | SRCC = 0.9439]
[Valid(teacher)][21][UTT][GML = 0.285924 | AML = 0.412172 | MoV = 0.347491 | VoV = 0.003224 | [SYS][GML = 0.000000 | AML = 0.060965 | MoV = 0.003985 | VoV = 0.000009]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.02221568673849106
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.42 step/s]

[Valid(teacher)][22][UTT][MSE = 0.5728 | LCC = 0.6404 | SRCC = 0.6039 | [SYS][MSE = 0.1376 | LCC = 0.9797 | SRCC = 0.9508]
[Valid(teacher)][22][UTT][GML = 0.288488 | AML = 0.415476 | MoV = 0.342247 | VoV = 0.002852 | [SYS][GML = 0.000000 | AML = 0.112626 | MoV = 0.003919 | VoV = 0.000008]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.030489029362797737
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.74 step/s]

[Valid(teacher)][23][UTT][MSE = 0.6004 | LCC = 0.6384 | SRCC = 0.6020 | [SYS][MSE = 0.1672 | LCC = 0.9794 | SRCC = 0.9521]
[Valid(teacher)][23][UTT][GML = 0.274865 | AML = 0.410316 | MoV = 0.336605 | VoV = 0.002694 | [SYS][GML = 0.000000 | AML = 0.039140 | MoV = 0.003865 | VoV = 0.000008]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.03609837625026783
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.57 step/s]

[Valid(teacher)][24][UTT][MSE = 0.6018 | LCC = 0.6353 | SRCC = 0.5985 | [SYS][MSE = 0.1623 | LCC = 0.9787 | SRCC = 0.9426]
[Valid(teacher)][24][UTT][GML = 0.271097 | AML = 0.411467 | MoV = 0.329903 | VoV = 0.002722 | [SYS][GML = 0.000000 | AML = 0.064192 | MoV = 0.003790 | VoV = 0.000008]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.046732787042856216
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.83 step/s]

[Valid(teacher)][25][UTT][MSE = 0.5558 | LCC = 0.6385 | SRCC = 0.6003 | [SYS][MSE = 0.1158 | LCC = 0.9794 | SRCC = 0.9344]
[Valid(teacher)][25][UTT][GML = 0.292066 | AML = 0.422494 | MoV = 0.329421 | VoV = 0.002503 | [SYS][GML = 0.000000 | AML = 0.269533 | MoV = 0.003767 | VoV = 0.000008]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.05817830190062523
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.55 step/s]

[Valid(teacher)][26][UTT][MSE = 0.5462 | LCC = 0.6391 | SRCC = 0.6013 | [SYS][MSE = 0.1063 | LCC = 0.9799 | SRCC = 0.9412]
[Valid(teacher)][26][UTT][GML = 0.295624 | AML = 0.425659 | MoV = 0.325791 | VoV = 0.002376 | [SYS][GML = 0.000001 | AML = 0.352760 | MoV = 0.003720 | VoV = 0.000007]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.06705282628536224
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.02 step/s]

[Valid(teacher)][27][UTT][MSE = 0.5277 | LCC = 0.6395 | SRCC = 0.6024 | [SYS][MSE = 0.0831 | LCC = 0.9803 | SRCC = 0.9480]
[Valid(teacher)][27][UTT][GML = 0.301235 | AML = 0.432464 | MoV = 0.318638 | VoV = 0.002831 | [SYS][GML = 0.000024 | AML = 0.519199 | MoV = 0.003632 | VoV = 0.000007]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.07335490733385086
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.27 step/s]

[Valid(teacher)][28][UTT][MSE = 0.5273 | LCC = 0.6384 | SRCC = 0.6016 | [SYS][MSE = 0.0840 | LCC = 0.9802 | SRCC = 0.9474]
[Valid(teacher)][28][UTT][GML = 0.300235 | AML = 0.433037 | MoV = 0.314759 | VoV = 0.002358 | [SYS][GML = 0.000021 | AML = 0.563624 | MoV = 0.003594 | VoV = 0.000007]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.08215481787919998
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.33 step/s]

[Valid(teacher)][29][UTT][MSE = 0.5096 | LCC = 0.6399 | SRCC = 0.6026 | [SYS][MSE = 0.0667 | LCC = 0.9809 | SRCC = 0.9474]
[Valid(teacher)][29][UTT][GML = 0.309599 | AML = 0.437737 | MoV = 0.312880 | VoV = 0.002199 | [SYS][GML = 0.000422 | AML = 0.884398 | MoV = 0.003560 | VoV = 0.000007]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.09455658495426178
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.10 step/s]

[Valid(teacher)][30][UTT][MSE = 0.5018 | LCC = 0.6382 | SRCC = 0.6006 | [SYS][MSE = 0.0528 | LCC = 0.9802 | SRCC = 0.9439]
[Valid(teacher)][30][UTT][GML = 0.312699 | AML = 0.440905 | MoV = 0.309201 | VoV = 0.002127 | [SYS][GML = 0.003595 | AML = 1.298639 | MoV = 0.003504 | VoV = 0.000006]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.10516627132092609
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.91 step/s]

[Valid(teacher)][31][UTT][MSE = 0.5096 | LCC = 0.6356 | SRCC = 0.5981 | [SYS][MSE = 0.0566 | LCC = 0.9802 | SRCC = 0.9412]
[Valid(teacher)][31][UTT][GML = 0.305258 | AML = 0.440756 | MoV = 0.301883 | VoV = 0.002106 | [SYS][GML = 0.001447 | AML = 1.152171 | MoV = 0.003431 | VoV = 0.000006]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.11581041663885117
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.92 step/s]

[Valid(teacher)][32][UTT][MSE = 0.5052 | LCC = 0.6357 | SRCC = 0.5974 | [SYS][MSE = 0.0511 | LCC = 0.9809 | SRCC = 0.9446]
[Valid(teacher)][32][UTT][GML = 0.304491 | AML = 0.444031 | MoV = 0.294568 | VoV = 0.002103 | [SYS][GML = 0.003226 | AML = 1.375901 | MoV = 0.003341 | VoV = 0.000006]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.12139119952917099
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.34 step/s]

[Valid(teacher)][33][UTT][MSE = 0.4979 | LCC = 0.6347 | SRCC = 0.5966 | [SYS][MSE = 0.0388 | LCC = 0.9804 | SRCC = 0.9521]
[Valid(teacher)][33][UTT][GML = 0.307338 | AML = 0.446951 | MoV = 0.291633 | VoV = 0.002105 | [SYS][GML = 0.025633 | AML = 2.228769 | MoV = 0.003301 | VoV = 0.000006]
Train: 100% 845/845 [03:23<00:00, 4.00 step/s]
Average loss=-0.12248890846967697
Valid(teacher): 100% 3000/3000 [01:20<00:00, 37.19 step/s]

[Valid(teacher)][34][UTT][MSE = 0.4917 | LCC = 0.6364 | SRCC = 0.5987 | [SYS][MSE = 0.0344 | LCC = 0.9811 | SRCC = 0.9521]
[Valid(teacher)][34][UTT][GML = 0.310429 | AML = 0.449108 | MoV = 0.289688 | VoV = 0.002000 | [SYS][GML = 0.061561 | AML = 2.648869 | MoV = 0.003276 | VoV = 0.000005]
Train: 100% 845/845 [03:55<00:00, 3.58 step/s]
Average loss=-0.13895513117313385
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.92 step/s]

[Valid(teacher)][35][UTT][MSE = 0.4923 | LCC = 0.6354 | SRCC = 0.5972 | [SYS][MSE = 0.0342 | LCC = 0.9812 | SRCC = 0.9487]
[Valid(teacher)][35][UTT][GML = 0.308160 | AML = 0.449830 | MoV = 0.284978 | VoV = 0.001954 | [SYS][GML = 0.059864 | AML = 2.649481 | MoV = 0.003223 | VoV = 0.000005]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.14263233542442322
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.42 step/s]

[Valid(teacher)][36][UTT][MSE = 0.4987 | LCC = 0.6338 | SRCC = 0.5955 | [SYS][MSE = 0.0398 | LCC = 0.9821 | SRCC = 0.9542]
[Valid(teacher)][36][UTT][GML = 0.301688 | AML = 0.449415 | MoV = 0.279587 | VoV = 0.001909 | [SYS][GML = 0.020736 | AML = 2.101569 | MoV = 0.003171 | VoV = 0.000005]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.1501234471797943
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.72 step/s]

[Valid(teacher)][37][UTT][MSE = 0.5005 | LCC = 0.6306 | SRCC = 0.5923 | [SYS][MSE = 0.0408 | LCC = 0.9817 | SRCC = 0.9515]
[Valid(teacher)][37][UTT][GML = 0.299629 | AML = 0.449063 | MoV = 0.277178 | VoV = 0.001864 | [SYS][GML = 0.020600 | AML = 2.148163 | MoV = 0.003147 | VoV = 0.000005]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.15983574892388153
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.21 step/s]

[Valid(teacher)][38][UTT][MSE = 0.4967 | LCC = 0.6308 | SRCC = 0.5926 | [SYS][MSE = 0.0337 | LCC = 0.9828 | SRCC = 0.9542]
[Valid(teacher)][38][UTT][GML = 0.299650 | AML = 0.451460 | MoV = 0.272836 | VoV = 0.001870 | [SYS][GML = 0.059149 | AML = 2.613208 | MoV = 0.003088 | VoV = 0.000005]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.16351094841957092
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.00 step/s]

[Valid(teacher)][39][UTT][MSE = 0.4875 | LCC = 0.6303 | SRCC = 0.5925 | [SYS][MSE = 0.0239 | LCC = 0.9824 | SRCC = 0.9549]
[Valid(teacher)][39][UTT][GML = 0.305949 | AML = 0.454426 | MoV = 0.271106 | VoV = 0.001774 | [SYS][GML = 0.382057 | AML = 2.643085 | MoV = 0.003052 | VoV = 0.000005]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.1714116632938385
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.80 step/s]

[Valid(teacher)][40][UTT][MSE = 0.4909 | LCC = 0.6288 | SRCC = 0.5916 | [SYS][MSE = 0.0258 | LCC = 0.9815 | SRCC = 0.9549]
[Valid(teacher)][40][UTT][GML = 0.301336 | AML = 0.454643 | MoV = 0.267020 | VoV = 0.001762 | [SYS][GML = 0.272813 | AML = 2.656878 | MoV = 0.003013 | VoV = 0.000005]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.1790211945772171
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.98 step/s]

[Valid(teacher)][41][UTT][MSE = 0.4914 | LCC = 0.6290 | SRCC = 0.5934 | [SYS][MSE = 0.0217 | LCC = 0.9790 | SRCC = 0.9501]
[Valid(teacher)][41][UTT][GML = 0.300673 | AML = 0.456438 | MoV = 0.265461 | VoV = 0.001837 | [SYS][GML = 0.444227 | AML = 2.274491 | MoV = 0.002979 | VoV = 0.000004]
Train: 100% 845/845 [03:23<00:00, 4.14 step/s]
Average loss=-0.18783654272556305
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.68 step/s]

[Valid(teacher)][42][UTT][MSE = 0.4924 | LCC = 0.6284 | SRCC = 0.5930 | [SYS][MSE = 0.0261 | LCC = 0.9793 | SRCC = 0.9501]
[Valid(teacher)][42][UTT][GML = 0.297317 | AML = 0.456363 | MoV = 0.262245 | VoV = 0.001882 | [SYS][GML = 0.242768 | AML = 2.644540 | MoV = 0.002956 | VoV = 0.000004]
Train: 100% 845/845 [05:41<00:00, 2.48 step/s]
Average loss=-0.1947689801454544
Valid(teacher): 100% 3000/3000 [00:21<00:00, 141.76 step/s]

[Valid(teacher)][43][UTT][MSE = 0.4944 | LCC = 0.6260 | SRCC = 0.5912 | [SYS][MSE = 0.0240 | LCC = 0.9783 | SRCC = 0.9521]
[Valid(teacher)][43][UTT][GML = 0.294560 | AML = 0.457246 | MoV = 0.257880 | VoV = 0.001838 | [SYS][GML = 0.318055 | AML = 2.207822 | MoV = 0.002896 | VoV = 0.000004]

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Train: 100% 845/845 [04:39<00:00, 3.03 step/s]
Average loss=-0.20252075791358948
Valid(teacher): 100% 3000/3000 [00:19<00:00, 154.63 step/s]

[Valid(teacher)][44][UTT][ MSE = 0.4985 | LCC = 0.6247 | SRCC = 0.5892 | [SYS][ MSE = 0.0241 | LCC = 0.9804 | SRCC = 0.9562 ]
[Valid(teacher)][44][UTT][ GML = 0.289546 | AML = 0.456235 | MoV = 0.254494 | VoV = 0.001849 | [SYS][ GML = 0.318293 | AML = 2.635160 | MoV = 0.002864 | VoV = 0.000004 ]
Train: 100% 845/845 [04:10<00:00, 3.37 step/s]
Average loss=-0.20732714235782623
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.29 step/s]

[Valid(teacher)][45][UTT][ MSE = 0.4977 | LCC = 0.6260 | SRCC = 0.5900 | [SYS][ MSE = 0.0243 | LCC = 0.9801 | SRCC = 0.9508 ]
[Valid(teacher)][45][UTT][ GML = 0.288526 | AML = 0.457058 | MoV = 0.251251 | VoV = 0.001737 | [SYS][ GML = 0.299985 | AML = 2.639167 | MoV = 0.002835 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.21546323597431183
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.83 step/s]

[Valid(teacher)][46][UTT][ MSE = 0.5001 | LCC = 0.6223 | SRCC = 0.5866 | [SYS][ MSE = 0.0235 | LCC = 0.9805 | SRCC = 0.9508 ]
[Valid(teacher)][46][UTT][ GML = 0.286319 | AML = 0.456828 | MoV = 0.248910 | VoV = 0.001710 | [SYS][ GML = 0.345600 | AML = 2.602103 | MoV = 0.002804 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.2245139628648758
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.67 step/s]

[Valid(teacher)][47][UTT][ MSE = 0.5045 | LCC = 0.6227 | SRCC = 0.5881 | [SYS][ MSE = 0.0251 | LCC = 0.9782 | SRCC = 0.9521 ]
[Valid(teacher)][47][UTT][ GML = 0.282125 | AML = 0.459211 | MoV = 0.243814 | VoV = 0.001641 | [SYS][ GML = 0.131971 | AML = 2.842532 | MoV = 0.002734 | VoV = 0.000004 ]
Train: 100% 845/845 [03:29<00:00, 2.12 step/s]
Average loss=-0.23212243616580963
Valid(teacher): 100% 3000/3000 [00:18<00:00, 159.40 step/s]

[Valid(teacher)][48][UTT][ MSE = 0.5004 | LCC = 0.6226 | SRCC = 0.5882 | [SYS][ MSE = 0.0229 | LCC = 0.9793 | SRCC = 0.9521 ]
[Valid(teacher)][48][UTT][ GML = 0.282224 | AML = 0.460146 | MoV = 0.242339 | VoV = 0.001715 | [SYS][ GML = 0.304280 | AML = 2.366779 | MoV = 0.002735 | VoV = 0.000004 ]
Train: 100% 845/845 [03:31<00:00, 3.99 step/s]
Average loss=-0.237898588180542
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.63 step/s]

[Valid(teacher)][49][UTT][ MSE = 0.5069 | LCC = 0.6209 | SRCC = 0.5879 | [SYS][ MSE = 0.0243 | LCC = 0.9779 | SRCC = 0.9521 ]
[Valid(teacher)][49][UTT][ GML = 0.276937 | AML = 0.459329 | MoV = 0.239343 | VoV = 0.001718 | [SYS][ GML = 0.171190 | AML = 2.685071 | MoV = 0.002692 | VoV = 0.000004 ]
Train: 100% 845/845 [03:26<00:00, 4.09 step/s]
Average loss=-0.23315274715423584
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.05 step/s]

[Valid(teacher)][50][UTT][ MSE = 0.5022 | LCC = 0.6218 | SRCC = 0.5883 | [SYS][ MSE = 0.0228 | LCC = 0.9796 | SRCC = 0.9508 ]
[Valid(teacher)][50][UTT][ GML = 0.278479 | AML = 0.459547 | MoV = 0.238742 | VoV = 0.001785 | [SYS][ GML = 0.328451 | AML = 2.406336 | MoV = 0.002696 | VoV = 0.000004 ]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.2501465976238251
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.23 step/s]

[Valid(teacher)][51][UTT][ MSE = 0.5027 | LCC = 0.6216 | SRCC = 0.5878 | [SYS][ MSE = 0.0230 | LCC = 0.9798 | SRCC = 0.9549 ]
[Valid(teacher)][51][UTT][ GML = 0.275606 | AML = 0.460051 | MoV = 0.235545 | VoV = 0.001785 | [SYS][ GML = 0.329447 | AML = 2.478651 | MoV = 0.002663 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.25403687357902527
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.41 step/s]

[Valid(teacher)][52][UTT][ MSE = 0.5062 | LCC = 0.6184 | SRCC = 0.5851 | [SYS][ MSE = 0.0237 | LCC = 0.9793 | SRCC = 0.9549 ]
[Valid(teacher)][52][UTT][ GML = 0.273180 | AML = 0.459602 | MoV = 0.232884 | VoV = 0.001653 | [SYS][ GML = 0.234147 | AML = 2.874356 | MoV = 0.002627 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.26465293765068054
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.70 step/s]

[Valid(teacher)][53][UTT][ MSE = 0.5072 | LCC = 0.6182 | SRCC = 0.5858 | [SYS][ MSE = 0.0245 | LCC = 0.9783 | SRCC = 0.9549 ]
[Valid(teacher)][53][UTT][ GML = 0.270217 | AML = 0.460692 | MoV = 0.230217 | VoV = 0.001682 | [SYS][ GML = 0.200430 | AML = 2.508923 | MoV = 0.002598 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00, 4.14 step/s]
Average loss=-0.27105751633644104
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.42 step/s]

[Valid(teacher)][54][UTT][ MSE = 0.5100 | LCC = 0.6180 | SRCC = 0.5853 | [SYS][ MSE = 0.0242 | LCC = 0.9785 | SRCC = 0.9562 ]
[Valid(teacher)][54][UTT][ GML = 0.266648 | AML = 0.461520 | MoV = 0.227786 | VoV = 0.001732 | [SYS][ GML = 0.171027 | AML = 2.640975 | MoV = 0.002566 | VoV = 0.000003 ]
Train: 100% 845/845 [00:04<00:00, 4.15 step/s]
Average loss=-0.2729058061732483
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.95 step/s]

[Valid(teacher)][55][UTT][ MSE = 0.5166 | LCC = 0.6150 | SRCC = 0.5830 | [SYS][ MSE = 0.0267 | LCC = 0.9778 | SRCC = 0.9562 ]
[Valid(teacher)][55][UTT][ GML = 0.261633 | AML = 0.460416 | MoV = 0.225236 | VoV = 0.001646 | [SYS][ GML = 0.076125 | AML = 3.049879 | MoV = 0.002532 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.2868858277797699
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.07 step/s]

[Valid(teacher)][56][UTT][ MSE = 0.5220 | LCC = 0.6137 | SRCC = 0.5827 | [SYS][ MSE = 0.0308 | LCC = 0.9774 | SRCC = 0.9562 ]
[Valid(teacher)][56][UTT][ GML = 0.257051 | AML = 0.459814 | MoV = 0.222246 | VoV = 0.001560 | [SYS][ GML = 0.021218 | AML = 3.058647 | MoV = 0.002497 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.2916156053543091
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.44 step/s]

[Valid(teacher)][57][UTT][ MSE = 0.5225 | LCC = 0.6144 | SRCC = 0.5839 | [SYS][ MSE = 0.0307 | LCC = 0.9775 | SRCC = 0.9603 ]
[Valid(teacher)][57][UTT][ GML = 0.255226 | AML = 0.460749 | MoV = 0.220937 | VoV = 0.001590 | [SYS][ GML = 0.019912 | AML = 3.109128 | MoV = 0.002481 | VoV = 0.000003 ]
Train: 100% 845/845 [04:47<00:00, 2.94 step/s]
Average loss=-0.2988020777023315
Valid(teacher): 100% 3000/3000 [00:16<00:00, 178.86 step/s]

[Valid(teacher)][58][UTT][ MSE = 0.5187 | LCC = 0.6132 | SRCC = 0.5826 | [SYS][ MSE = 0.0287 | LCC = 0.9779 | SRCC = 0.9624 ]
[Valid(teacher)][58][UTT][ GML = 0.254811 | AML = 0.461571 | MoV = 0.218265 | VoV = 0.001597 | [SYS][ GML = 0.041761 | AML = 3.121183 | MoV = 0.002451 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00, 4.12 step/s]
Average loss=-0.3114520311355591
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.49 step/s]

[Valid(teacher)][59][UTT][ MSE = 0.5182 | LCC = 0.6133 | SRCC = 0.5829 | [SYS][ MSE = 0.0271 | LCC = 0.9783 | SRCC = 0.9658 ]
[Valid(teacher)][59][UTT][ GML = 0.251598 | AML = 0.462333 | MoV = 0.214694 | VoV = 0.001569 | [SYS][ GML = 0.060614 | AML = 3.180247 | MoV = 0.002417 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.3102429509162903
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.51 step/s]

[Valid(teacher)][60][UTT][ MSE = 0.5222 | LCC = 0.6129 | SRCC = 0.5832 | [SYS][ MSE = 0.0293 | LCC = 0.9782 | SRCC = 0.9631 ]
[Valid(teacher)][60][UTT][ GML = 0.248174 | AML = 0.462377 | MoV = 0.212412 | VoV = 0.001510 | [SYS][ GML = 0.023633 | AML = 3.130498 | MoV = 0.002390 | VoV = 0.000003 ]
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, 197.26 step/s]

[Test(best)][61][UTT][ MSE = 0.5881 | LCC = 0.6584 | SRCC = 0.6248 | [SYS][ MSE = 0.1796 | LCC = 0.9772 | SRCC = 0.9487 ]
[Test(best)][61][UTT][ GML = 0.291550 | AML = 0.410292 | MoV = 0.369733 | VoV = 0.003292 | [SYS][ GML = 0.000000 | AML = 0.019075 | MoV = 0.003092 | VoV = 0.000005 ]
Test(last): 100% 4000/4000 [00:19<00:00, 201.15 step/s]

[Test(last)][61][UTT][ MSE = 0.5226 | LCC = 0.6214 | SRCC = 0.6014 | [SYS][ MSE = 0.0404 | LCC = 0.9720 | SRCC = 0.9576 ]
[Test(last)][61][UTT][ GML = 0.244538 | AML = 0.463948 | MoV = 0.213656 | VoV = 0.001553 | [SYS][ GML = 0.000204 | AML = 2.003380 | MoV = 0.001741 | VoV = 0.000001 ]
(lxygpu) [x_xliangnode013 ProMOSNet]$
```