```
(lxygpu) [x_xlian@node020 ProMOSNet]$ python train.py --lamb_c=1 --lamb_t=1 --save_path "runs/c1-t1/run2"
Loading all wav files.
100%|█████████████████████████████████████████████████████████████████████████████████████████████████████████████████| 54040/54040 [08:08<00:00, 110.61it/s]
/proj/ihorse_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'][i] = self.idtable[judge_i]
Loading all wav files.
100%|█████████████████████████████████████████████████████████████████████████████████████████████████████████████████| 3000/3000 [01:47<00:00, 27.92it/s]
/proj/ihorse_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'][i] = self.idtable[judge_i]
Loading all wav files.
100%|█████████████████████████████████████████████████████████████████████████████████████████████████████████████████| 4000/4000 [02:25<00:00, 27.57it/s]
/proj/ihorse_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'][i] = self.idtable[judge_i]
Train: 100% 845/845 [03:27<00:00,  4.06 step/s]
Average loss=140541.125
Valid(teacher): 100% 3000/3000 [00:16<00:00, 177.48 step/s]

[Valid(teacher)][0][UTT][ MSE = 1.5500 | LCC = 0.4650 | SRCC = 0.4446 ] [SYS][ MSE = 1.3307 | LCC = 0.7814 | SRCC = 0.8256 ]
[Valid(teacher)][0][UTT][ GML = 0.156559 | AML = 0.245374 | MoV = 0.718844 | VoV = 0.019898 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.008305 | VoV = 0.000051 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.666440486907959
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.03 step/s]

[Valid(teacher)][1][UTT][ MSE = 2.1540 | LCC = 0.5592 | SRCC = 0.5222 ] [SYS][ MSE = 1.8553 | LCC = 0.8940 | SRCC = 0.8578 ]
[Valid(teacher)][1][UTT][ GML = 0.014459 | AML = 0.168578 | MoV = 0.363729 | VoV = 0.017284 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004496 | VoV = 0.000023 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.5353462100028992
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.84 step/s]

[Valid(teacher)][2][UTT][ MSE = 2.1071 | LCC = 0.5859 | SRCC = 0.5421 ] [SYS][ MSE = 1.7882 | LCC = 0.9269 | SRCC = 0.8701 ]
[Valid(teacher)][2][UTT][ GML = 0.015276 | AML = 0.168860 | MoV = 0.350093 | VoV = 0.014962 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004333 | VoV = 0.000021 ]
Train: 100% 845/845 [03:24<00:00,  4.12 step/s]
Average loss=0.4729655385017395
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.78 step/s]

[Valid(teacher)][3][UTT][ MSE = 2.4794 | LCC = 0.5962 | SRCC = 0.5537 ] [SYS][ MSE = 2.2296 | LCC = 0.9378 | SRCC = 0.8838 ]
[Valid(teacher)][3][UTT][ GML = 0.009773 | AML = 0.135844 | MoV = 0.326096 | VoV = 0.010669 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004015 | VoV = 0.000018 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=0.42999911308288574
Valid(teacher): 100% 3000/3000 [00:16<00:00, 186.71 step/s]

[Valid(teacher)][4][UTT][ MSE = 2.0800 | LCC = 0.6037 | SRCC = 0.5614 ] [SYS][ MSE = 1.8152 | LCC = 0.9472 | SRCC = 0.8838 ]
[Valid(teacher)][4][UTT][ GML = 0.029243 | AML = 0.177582 | MoV = 0.349788 | VoV = 0.008263 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004238 | VoV = 0.000017 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=0.400461882352829
Valid(teacher): 100% 3000/3000 [00:16<00:00, 186.76 step/s]

[Valid(teacher)][5][UTT][ MSE = 1.8113 | LCC = 0.6083 | SRCC = 0.5688 ] [SYS][ MSE = 1.5253 | LCC = 0.9499 | SRCC = 0.8899 ]
[Valid(teacher)][5][UTT][ GML = 0.050513 | AML = 0.207446 | MoV = 0.364849 | VoV = 0.007153 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004386 | VoV = 0.000017 ]
Train: 100% 845/845 [03:25<00:00,  4.11 step/s]
Average loss=0.3789113759994507
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.26 step/s]

[Valid(teacher)][6][UTT][ MSE = 1.4283 | LCC = 0.6149 | SRCC = 0.5780 ] [SYS][ MSE = 1.1123 | LCC = 0.9507 | SRCC = 0.8926 ]
[Valid(teacher)][6][UTT][ GML = 0.097534 | AML = 0.255738 | MoV = 0.388168 | VoV = 0.006217 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004623 | VoV = 0.000017 ]
Train: 100% 845/845 [03:25<00:00,  4.11 step/s]
Average loss=0.36046579480171204
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.64 step/s]

[Valid(teacher)][7][UTT][ MSE = 1.1025 | LCC = 0.6206 | SRCC = 0.5865 ] [SYS][ MSE = 0.7566 | LCC = 0.9538 | SRCC = 0.9015 ]
[Valid(teacher)][7][UTT][ GML = 0.161248 | AML = 0.303630 | MoV = 0.412898 | VoV = 0.004868 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004854 | VoV = 0.000017 ]
Train: 100% 845/845 [03:25<00:00,  4.12 step/s]
Average loss=0.33296388387680054
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.35 step/s]

[Valid(teacher)][8][UTT][ MSE = 0.9788 | LCC = 0.6281 | SRCC = 0.5946 ] [SYS][ MSE = 0.6221 | LCC = 0.9583 | SRCC = 0.9145 ]
[Valid(teacher)][8][UTT][ GML = 0.190772 | AML = 0.323313 | MoV = 0.419505 | VoV = 0.004435 ] [SYS][ GML = 0.000000 | AML = 0.000004 | MoV = 0.004905 | VoV = 0.000016 ]
Train: 100% 845/845 [03:25<00:00,  4.12 step/s]
Average loss=0.3119257986545563
Valid(teacher): 100% 3000/3000 [00:15<00:00, 190.20 step/s]

[Valid(teacher)][9][UTT][ MSE = 0.8669 | LCC = 0.6353 | SRCC = 0.6006 ] [SYS][ MSE = 0.4953 | LCC = 0.9629 | SRCC = 0.9145 ]
[Valid(teacher)][9][UTT][ GML = 0.217970 | AML = 0.342193 | MoV = 0.419772 | VoV = 0.004042 ] [SYS][ GML = 0.000000 | AML = 0.000049 | MoV = 0.004876 | VoV = 0.000015 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=0.28869393467903137
Valid(teacher): 100% 3000/3000 [00:16<00:00, 184.53 step/s]

[Valid(teacher)][10][UTT][ MSE = 0.7851 | LCC = 0.6401 | SRCC = 0.6039 ] [SYS][ MSE = 0.4028 | LCC = 0.9663 | SRCC = 0.9221 ]
[Valid(teacher)][10][UTT][ GML = 0.239921 | AML = 0.357167 | MoV = 0.418041 | VoV = 0.003609 ] [SYS][ GML = 0.000000 | AML = 0.000216 | MoV = 0.004824 | VoV = 0.000014 ]
Train: 100% 845/845 [03:25<00:00,  4.11 step/s]
Average loss=0.261828750371933
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.15 step/s]

[Valid(teacher)][11][UTT][ MSE = 0.7042 | LCC = 0.6460 | SRCC = 0.6098 ] [SYS][ MSE = 0.3142 | LCC = 0.9699 | SRCC = 0.9289 ]
[Valid(teacher)][11][UTT][ GML = 0.264253 | AML = 0.372617 | MoV = 0.416718 | VoV = 0.003222 ] [SYS][ GML = 0.000000 | AML = 0.000813 | MoV = 0.004769 | VoV = 0.000013 ]
Train: 100% 845/845 [03:25<00:00,  4.12 step/s]
Average loss=0.24118177592754364
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.72 step/s]

[Valid(teacher)][12][UTT][ MSE = 0.7051 | LCC = 0.6459 | SRCC = 0.6098 ] [SYS][ MSE = 0.3122 | LCC = 0.9715 | SRCC = 0.9296 ]
[Valid(teacher)][12][UTT][ GML = 0.262313 | AML = 0.373668 | MoV = 0.409586 | VoV = 0.003058 ] [SYS][ GML = 0.000000 | AML = 0.000235 | MoV = 0.004682 | VoV = 0.000012 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=0.21629971265792847
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.95 step/s]

[Valid(teacher)][13][UTT][ MSE = 0.7401 | LCC = 0.6396 | SRCC = 0.6049 ] [SYS][ MSE = 0.3461 | LCC = 0.9710 | SRCC = 0.9186 ]
[Valid(teacher)][13][UTT][ GML = 0.248992 | AML = 0.368529 | MoV = 0.399649 | VoV = 0.002660 ] [SYS][ GML = 0.000000 | AML = 0.000051 | MoV = 0.004566 | VoV = 0.000012 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.19486945867538452
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.98 step/s]

[Valid(teacher)][14][UTT][ MSE = 0.7142 | LCC = 0.6403 | SRCC = 0.6046 ] [SYS][ MSE = 0.3120 | LCC = 0.9721 | SRCC = 0.9323 ]
[Valid(teacher)][14][UTT][ GML = 0.255204 | AML = 0.374852 | MoV = 0.393932 | VoV = 0.002512 ] [SYS][ GML = 0.000000 | AML = 0.000057 | MoV = 0.004479 | VoV = 0.000011 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=0.17328068614006042
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.95 step/s]

[Valid(teacher)][15][UTT][ MSE = 0.6842 | LCC = 0.6432 | SRCC = 0.6077 ] [SYS][ MSE = 0.2726 | LCC = 0.9741 | SRCC = 0.9303 ]
[Valid(teacher)][15][UTT][ GML = 0.263454 | AML = 0.381923 | MoV = 0.389246 | VoV = 0.002437 ] [SYS][ GML = 0.000000 | AML = 0.000051 | MoV = 0.004402 | VoV = 0.000010 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.15334312617778778
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.67 step/s]

[Valid(teacher)][16][UTT][ MSE = 0.7209 | LCC = 0.6412 | SRCC = 0.6079 ] [SYS][ MSE = 0.3073 | LCC = 0.9738 | SRCC = 0.9303 ]
[Valid(teacher)][16][UTT][ GML = 0.247692 | AML = 0.376178 | MoV = 0.379138 | VoV = 0.002535 ] [SYS][ GML = 0.000000 | AML = 0.000006 | MoV = 0.004296 | VoV = 0.000010 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.13307593762874603
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.13 step/s]

[Valid(teacher)][17][UTT][ MSE = 0.7226 | LCC = 0.6423 | SRCC = 0.6086 ] [SYS][ MSE = 0.3047 | LCC = 0.9749 | SRCC = 0.9432 ]
[Valid(teacher)][17][UTT][ GML = 0.245654 | AML = 0.376812 | MoV = 0.375192 | VoV = 0.002437 ] [SYS][ GML = 0.000000 | AML = 0.000003 | MoV = 0.004242 | VoV = 0.000009 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.1084681302309036
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.22 step/s]

[Valid(teacher)][18][UTT][ MSE = 0.7156 | LCC = 0.6449 | SRCC = 0.6112 ] [SYS][ MSE = 0.2950 | LCC = 0.9758 | SRCC = 0.9515 ]
[Valid(teacher)][18][UTT][ GML = 0.247185 | AML = 0.379039 | MoV = 0.372337 | VoV = 0.002338 ] [SYS][ GML = 0.000000 | AML = 0.000005 | MoV = 0.004199 | VoV = 0.000009 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.08431179821491241
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.36 step/s]

[Valid(teacher)][19][UTT][ MSE = 0.7123 | LCC = 0.6457 | SRCC = 0.6115 ] [SYS][ MSE = 0.2879 | LCC = 0.9768 | SRCC = 0.9501 ]
[Valid(teacher)][19][UTT][ GML = 0.245995 | AML = 0.380995 | MoV = 0.366521 | VoV = 0.002363 ] [SYS][ GML = 0.000000 | AML = 0.000004 | MoV = 0.004128 | VoV = 0.000009 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
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Average loss=0.06979706138372421
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.69 step/s]

[Valid(teacher)][20][UTT][ MSE = 0.6779 | LCC = 0.6471 | SRCC = 0.6117 ] [SYS][ MSE = 0.2473 | LCC = 0.9788 | SRCC = 0.9494 ]
[Valid(teacher)][20][UTT][ GML = 0.255990 | AML = 0.389760 | MoV = 0.361536 | VoV = 0.002343 ] [SYS][ GML = 0.000000 | AML = 0.000029 | MoV = 0.004059 | VoV = 0.000008 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=0.0526798287630081
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.22 step/s]

[Valid(teacher)][21][UTT][ MSE = 0.6876 | LCC = 0.6476 | SRCC = 0.6133 ] [SYS][ MSE = 0.2541 | LCC = 0.9793 | SRCC = 0.9474 ]
[Valid(teacher)][21][UTT][ GML = 0.250780 | AML = 0.388550 | MoV = 0.356846 | VoV = 0.002358 ] [SYS][ GML = 0.000000 | AML = 0.000013 | MoV = 0.004003 | VoV = 0.000008 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.0310822259634732
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.32 step/s]

[Valid(teacher)][22][UTT][ MSE = 0.6635 | LCC = 0.6503 | SRCC = 0.6147 ] [SYS][ MSE = 0.2263 | LCC = 0.9803 | SRCC = 0.9432 ]
[Valid(teacher)][22][UTT][ GML = 0.257117 | AML = 0.395290 | MoV = 0.351446 | VoV = 0.002481 ] [SYS][ GML = 0.000000 | AML = 0.000157 | MoV = 0.003929 | VoV = 0.000007 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=0.01450532302603989
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.52 step/s]

[Valid(teacher)][23][UTT][ MSE = 0.6683 | LCC = 0.6515 | SRCC = 0.6160 ] [SYS][ MSE = 0.2297 | LCC = 0.9814 | SRCC = 0.9542 ]
[Valid(teacher)][23][UTT][ GML = 0.252846 | AML = 0.395378 | MoV = 0.345721 | VoV = 0.002629 ] [SYS][ GML = 0.000000 | AML = 0.000047 | MoV = 0.003864 | VoV = 0.000007 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=-0.006707254331558943
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.45 step/s]

[Valid(teacher)][24][UTT][ MSE = 0.7138 | LCC = 0.6479 | SRCC = 0.6130 ] [SYS][ MSE = 0.2737 | LCC = 0.9811 | SRCC = 0.9549 ]
[Valid(teacher)][24][UTT][ GML = 0.232384 | AML = 0.386450 | MoV = 0.338987 | VoV = 0.002875 ] [SYS][ GML = 0.000000 | AML = 0.000001 | MoV = 0.003803 | VoV = 0.000007 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.02759534865617752
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.24 step/s]

[Valid(teacher)][25][UTT][ MSE = 0.6870 | LCC = 0.6487 | SRCC = 0.6133 ] [SYS][ MSE = 0.2418 | LCC = 0.9825 | SRCC = 0.9549 ]
[Valid(teacher)][25][UTT][ GML = 0.240405 | AML = 0.393740 | MoV = 0.335474 | VoV = 0.002883 ] [SYS][ GML = 0.000000 | AML = 0.000013 | MoV = 0.003746 | VoV = 0.000007 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.04981920123100281
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.92 step/s]

[Valid(teacher)][26][UTT][ MSE = 0.6737 | LCC = 0.6491 | SRCC = 0.6137 ] [SYS][ MSE = 0.2246 | LCC = 0.9832 | SRCC = 0.9549 ]
[Valid(teacher)][26][UTT][ GML = 0.242708 | AML = 0.398065 | MoV = 0.330270 | VoV = 0.002799 ] [SYS][ GML = 0.000000 | AML = 0.000066 | MoV = 0.003684 | VoV = 0.000006 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.07375650852918625
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.61 step/s]

[Valid(teacher)][27][UTT][ MSE = 0.6702 | LCC = 0.6500 | SRCC = 0.6150 ] [SYS][ MSE = 0.2177 | LCC = 0.9840 | SRCC = 0.9590 ]
[Valid(teacher)][27][UTT][ GML = 0.240811 | AML = 0.399758 | MoV = 0.325518 | VoV = 0.002999 ] [SYS][ GML = 0.000000 | AML = 0.000181 | MoV = 0.003635 | VoV = 0.000006 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=-0.08221416920423508
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.49 step/s]

[Valid(teacher)][28][UTT][ MSE = 0.6742 | LCC = 0.6479 | SRCC = 0.6131 ] [SYS][ MSE = 0.2175 | LCC = 0.9841 | SRCC = 0.9556 ]
[Valid(teacher)][28][UTT][ GML = 0.236343 | AML = 0.400076 | MoV = 0.320663 | VoV = 0.003013 ] [SYS][ GML = 0.000000 | AML = 0.000220 | MoV = 0.003582 | VoV = 0.000006 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.10436467081308365
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.16 step/s]

[Valid(teacher)][29][UTT][ MSE = 0.6352 | LCC = 0.6477 | SRCC = 0.6126 ] [SYS][ MSE = 0.1698 | LCC = 0.9849 | SRCC = 0.9556 ]
[Valid(teacher)][29][UTT][ GML = 0.249617 | AML = 0.410285 | MoV = 0.316379 | VoV = 0.002899 ] [SYS][ GML = 0.000000 | AML = 0.005743 | MoV = 0.003519 | VoV = 0.000006 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=-0.11750856041908264
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.81 step/s]

[Valid(teacher)][30][UTT][ MSE = 0.6372 | LCC = 0.6451 | SRCC = 0.6104 ] [SYS][ MSE = 0.1673 | LCC = 0.9845 | SRCC = 0.9549 ]
[Valid(teacher)][30][UTT][ GML = 0.246077 | AML = 0.411141 | MoV = 0.311102 | VoV = 0.002853 ] [SYS][ GML = 0.000000 | AML = 0.010248 | MoV = 0.003464 | VoV = 0.000005 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.12897685170173645
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.74 step/s]

[Valid(teacher)][31][UTT][ MSE = 0.6500 | LCC = 0.6445 | SRCC = 0.6097 ] [SYS][ MSE = 0.1778 | LCC = 0.9846 | SRCC = 0.9576 ]
[Valid(teacher)][31][UTT][ GML = 0.236603 | AML = 0.408849 | MoV = 0.305320 | VoV = 0.002952 ] [SYS][ GML = 0.000000 | AML = 0.002752 | MoV = 0.003412 | VoV = 0.000005 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.14810580015182495
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.09 step/s]

[Valid(teacher)][32][UTT][ MSE = 0.6195 | LCC = 0.6456 | SRCC = 0.6110 ] [SYS][ MSE = 0.1451 | LCC = 0.9844 | SRCC = 0.9590 ]
[Valid(teacher)][32][UTT][ GML = 0.248171 | AML = 0.417064 | MoV = 0.303001 | VoV = 0.002980 ] [SYS][ GML = 0.000000 | AML = 0.032708 | MoV = 0.003378 | VoV = 0.000005 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=-0.15982308983802795
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.03 step/s]

[Valid(teacher)][33][UTT][ MSE = 0.6210 | LCC = 0.6451 | SRCC = 0.6105 ] [SYS][ MSE = 0.1453 | LCC = 0.9844 | SRCC = 0.9535 ]
[Valid(teacher)][33][UTT][ GML = 0.245162 | AML = 0.417841 | MoV = 0.299543 | VoV = 0.002982 ] [SYS][ GML = 0.000000 | AML = 0.025627 | MoV = 0.003335 | VoV = 0.000005 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.17421460151672363
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.48 step/s]

[Valid(teacher)][34][UTT][ MSE = 0.6069 | LCC = 0.6444 | SRCC = 0.6100 ] [SYS][ MSE = 0.1264 | LCC = 0.9843 | SRCC = 0.9535 ]
[Valid(teacher)][34][UTT][ GML = 0.248284 | AML = 0.422705 | MoV = 0.295194 | VoV = 0.002955 ] [SYS][ GML = 0.000000 | AML = 0.084713 | MoV = 0.003282 | VoV = 0.000005 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=-0.18693417310714722
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.36 step/s]

[Valid(teacher)][35][UTT][ MSE = 0.6030 | LCC = 0.6439 | SRCC = 0.6089 ] [SYS][ MSE = 0.1201 | LCC = 0.9847 | SRCC = 0.9487 ]
[Valid(teacher)][35][UTT][ GML = 0.247445 | AML = 0.424425 | MoV = 0.291431 | VoV = 0.002999 ] [SYS][ GML = 0.000000 | AML = 0.112698 | MoV = 0.003237 | VoV = 0.000005 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.20473898947238922
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.87 step/s]

[Valid(teacher)][36][UTT][ MSE = 0.6196 | LCC = 0.6419 | SRCC = 0.6069 ] [SYS][ MSE = 0.1340 | LCC = 0.9850 | SRCC = 0.9528 ]
[Valid(teacher)][36][UTT][ GML = 0.234875 | AML = 0.421086 | MoV = 0.286148 | VoV = 0.003093 ] [SYS][ GML = 0.000000 | AML = 0.034913 | MoV = 0.003190 | VoV = 0.000005 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.2239571064710617
Valid(teacher): 100% 3000/3000 [00:14<00:00, 204.06 step/s]

[Valid(teacher)][37][UTT][ MSE = 0.6379 | LCC = 0.6406 | SRCC = 0.6058 ] [SYS][ MSE = 0.1495 | LCC = 0.9847 | SRCC = 0.9480 ]
[Valid(teacher)][37][UTT][ GML = 0.222233 | AML = 0.417821 | MoV = 0.280758 | VoV = 0.003089 ] [SYS][ GML = 0.000000 | AML = 0.014900 | MoV = 0.003135 | VoV = 0.000004 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=-0.23235885798931122
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.79 step/s]

[Valid(teacher)][38][UTT][ MSE = 0.6236 | LCC = 0.6406 | SRCC = 0.6058 ] [SYS][ MSE = 0.1337 | LCC = 0.9845 | SRCC = 0.9480 ]
[Valid(teacher)][38][UTT][ GML = 0.226981 | AML = 0.422046 | MoV = 0.277936 | VoV = 0.003013 ] [SYS][ GML = 0.000000 | AML = 0.043269 | MoV = 0.003101 | VoV = 0.000004 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.24653558433055878
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.87 step/s]

[Valid(teacher)][39][UTT][ MSE = 0.6137 | LCC = 0.6409 | SRCC = 0.6066 ] [SYS][ MSE = 0.1236 | LCC = 0.9843 | SRCC = 0.9542 ]
[Valid(teacher)][39][UTT][ GML = 0.230526 | AML = 0.424291 | MoV = 0.276005 | VoV = 0.002971 ] [SYS][ GML = 0.000000 | AML = 0.070336 | MoV = 0.003081 | VoV = 0.000004 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.2645086348056793
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.16 step/s]

[Valid(teacher)][40][UTT][ MSE = 0.6130 | LCC = 0.6396 | SRCC = 0.6049 ] [SYS][ MSE = 0.1198 | LCC = 0.9842 | SRCC = 0.9528 ]
[Valid(teacher)][40][UTT][ GML = 0.228872 | AML = 0.425987 | MoV = 0.272270 | VoV = 0.002873 ] [SYS][ GML = 0.000000 | AML = 0.093320 | MoV = 0.003036 | VoV = 0.000004 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.27160128951072693
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.55 step/s]

[Valid(teacher)][41][UTT][ MSE = 0.6057 | LCC = 0.6391 | SRCC = 0.6030 ] [SYS][ MSE = 0.1120 | LCC = 0.9831 | SRCC = 0.9542 ]
[Valid(teacher)][41][UTT][ GML = 0.229141 | AML = 0.429005 | MoV = 0.270583 | VoV = 0.003045 ] [SYS][ GML = 0.000000 | AML = 0.211636 | MoV = 0.003012 | VoV = 0.000004 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=-0.2797551453113556
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.53 step/s]

[Valid(teacher)][42][UTT][ MSE = 0.6060 | LCC = 0.6381 | SRCC = 0.6017 ] [SYS][ MSE = 0.1120 | LCC = 0.9830 | SRCC = 0.9521 ]
[Valid(teacher)][42][UTT][ GML = 0.227836 | AML = 0.429842 | MoV = 0.268317 | VoV = 0.002911 ] [SYS][ GML = 0.000000 | AML = 0.178718 | MoV = 0.002990 | VoV = 0.000004 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.2960701882839203
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.74 step/s]

[Valid(teacher)][43][UTT][ MSE = 0.6069 | LCC = 0.6367 | SRCC = 0.6008 ] [SYS][ MSE = 0.1102 | LCC = 0.9824 | SRCC = 0.9542 ]
[Valid(teacher)][43][UTT][ GML = 0.224211 | AML = 0.430593 | MoV = 0.265480 | VoV = 0.002917 ] [SYS][ GML = 0.000000 | AML = 0.138253 | MoV = 0.002961 | VoV = 0.000004 ]
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Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.3093937933444977
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.40 step/s]

[Valid(teacher)][44][UTT][ MSE = 0.5964 | LCC = 0.6370 | SRCC = 0.6017 ] [SYS][ MSE = 0.0982 | LCC = 0.9833 | SRCC = 0.9549 ]
[Valid(teacher)][44][UTT][ GML = 0.228002 | AML = 0.432966 | MoV = 0.263999 | VoV = 0.002942 ] [SYS][ GML = 0.000000 | AML = 0.198355 | MoV = 0.002945 | VoV = 0.000004 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.3231068551540375
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.60 step/s]

[Valid(teacher)][45][UTT][ MSE = 0.6040 | LCC = 0.6362 | SRCC = 0.6014 ] [SYS][ MSE = 0.1035 | LCC = 0.9837 | SRCC = 0.9562 ]
[Valid(teacher)][45][UTT][ GML = 0.221331 | AML = 0.431503 | MoV = 0.261415 | VoV = 0.003044 ] [SYS][ GML = 0.000000 | AML = 0.093282 | MoV = 0.002921 | VoV = 0.000004 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.33270227909088135
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.80 step/s]

[Valid(teacher)][46][UTT][ MSE = 0.5985 | LCC = 0.6364 | SRCC = 0.6010 ] [SYS][ MSE = 0.0953 | LCC = 0.9834 | SRCC = 0.9556 ]
[Valid(teacher)][46][UTT][ GML = 0.223005 | AML = 0.434180 | MoV = 0.258298 | VoV = 0.002854 ] [SYS][ GML = 0.000000 | AML = 0.238732 | MoV = 0.002886 | VoV = 0.000004 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=-0.3448677659034729
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.50 step/s]

[Valid(teacher)][47][UTT][ MSE = 0.6136 | LCC = 0.6347 | SRCC = 0.6003 ] [SYS][ MSE = 0.1107 | LCC = 0.9825 | SRCC = 0.9556 ]
[Valid(teacher)][47][UTT][ GML = 0.212846 | AML = 0.430803 | MoV = 0.256577 | VoV = 0.002942 ] [SYS][ GML = 0.000000 | AML = 0.064539 | MoV = 0.002877 | VoV = 0.000004 ]
Train: 100% 845/845 [03:22<00:00,  4.16 step/s]
Average loss=-0.3530977666378021
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.81 step/s]

[Valid(teacher)][48][UTT][ MSE = 0.5881 | LCC = 0.6347 | SRCC = 0.6002 ] [SYS][ MSE = 0.0854 | LCC = 0.9827 | SRCC = 0.9562 ]
[Valid(teacher)][48][UTT][ GML = 0.226686 | AML = 0.436765 | MoV = 0.256466 | VoV = 0.002863 ] [SYS][ GML = 0.000000 | AML = 0.422281 | MoV = 0.002864 | VoV = 0.000004 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=-0.36913707852363586
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.66 step/s]

[Valid(teacher)][49][UTT][ MSE = 0.5931 | LCC = 0.6347 | SRCC = 0.6004 ] [SYS][ MSE = 0.0908 | LCC = 0.9824 | SRCC = 0.9515 ]
[Valid(teacher)][49][UTT][ GML = 0.223431 | AML = 0.435615 | MoV = 0.253849 | VoV = 0.002766 ] [SYS][ GML = 0.000000 | AML = 0.244271 | MoV = 0.002838 | VoV = 0.000004 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.3848334848880768
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.26 step/s]

[Valid(teacher)][50][UTT][ MSE = 0.5928 | LCC = 0.6324 | SRCC = 0.5974 ] [SYS][ MSE = 0.0856 | LCC = 0.9821 | SRCC = 0.9467 ]
[Valid(teacher)][50][UTT][ GML = 0.218903 | AML = 0.437037 | MoV = 0.249367 | VoV = 0.002726 ] [SYS][ GML = 0.000000 | AML = 0.440354 | MoV = 0.002790 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.3947770595550537
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.57 step/s]

[Valid(teacher)][51][UTT][ MSE = 0.5803 | LCC = 0.6304 | SRCC = 0.5952 ] [SYS][ MSE = 0.0663 | LCC = 0.9812 | SRCC = 0.9357 ]
[Valid(teacher)][51][UTT][ GML = 0.222151 | AML = 0.441512 | MoV = 0.245864 | VoV = 0.002652 ] [SYS][ GML = 0.000000 | AML = 1.040073 | MoV = 0.002743 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.4025932252407074
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.98 step/s]

[Valid(teacher)][52][UTT][ MSE = 0.5720 | LCC = 0.6293 | SRCC = 0.5943 ] [SYS][ MSE = 0.0567 | LCC = 0.9801 | SRCC = 0.9357 ]
[Valid(teacher)][52][UTT][ GML = 0.227370 | AML = 0.444426 | MoV = 0.244991 | VoV = 0.002568 ] [SYS][ GML = 0.000002 | AML = 1.022783 | MoV = 0.002729 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.41974374651908875
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.62 step/s]

[Valid(teacher)][53][UTT][ MSE = 0.5771 | LCC = 0.6294 | SRCC = 0.5939 ] [SYS][ MSE = 0.0607 | LCC = 0.9814 | SRCC = 0.9453 ]
[Valid(teacher)][53][UTT][ GML = 0.222037 | AML = 0.443099 | MoV = 0.243539 | VoV = 0.002660 ] [SYS][ GML = 0.000001 | AML = 1.070564 | MoV = 0.002721 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.4247415363788605
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.16 step/s]

[Valid(teacher)][54][UTT][ MSE = 0.5670 | LCC = 0.6296 | SRCC = 0.5938 ] [SYS][ MSE = 0.0532 | LCC = 0.9817 | SRCC = 0.9446 ]
[Valid(teacher)][54][UTT][ GML = 0.228872 | AML = 0.445924 | MoV = 0.242338 | VoV = 0.002551 ] [SYS][ GML = 0.000010 | AML = 1.227390 | MoV = 0.002703 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=-0.4441765248775482
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.57 step/s]

[Valid(teacher)][55][UTT][ MSE = 0.5643 | LCC = 0.6282 | SRCC = 0.5929 ] [SYS][ MSE = 0.0473 | LCC = 0.9811 | SRCC = 0.9501 ]
[Valid(teacher)][55][UTT][ GML = 0.228743 | AML = 0.447263 | MoV = 0.238973 | VoV = 0.002391 ] [SYS][ GML = 0.000038 | AML = 1.383591 | MoV = 0.002666 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.4509650468826294
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.00 step/s]

[Valid(teacher)][56][UTT][ MSE = 0.5584 | LCC = 0.6286 | SRCC = 0.5936 ] [SYS][ MSE = 0.0415 | LCC = 0.9819 | SRCC = 0.9590 ]
[Valid(teacher)][56][UTT][ GML = 0.231527 | AML = 0.448590 | MoV = 0.238525 | VoV = 0.002351 ] [SYS][ GML = 0.000185 | AML = 1.809777 | MoV = 0.002659 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.46050235629081726
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.17 step/s]

[Valid(teacher)][57][UTT][ MSE = 0.5711 | LCC = 0.6270 | SRCC = 0.5927 ] [SYS][ MSE = 0.0520 | LCC = 0.9812 | SRCC = 0.9528 ]
[Valid(teacher)][57][UTT][ GML = 0.222784 | AML = 0.445059 | MoV = 0.239777 | VoV = 0.002609 ] [SYS][ GML = 0.000012 | AML = 1.326561 | MoV = 0.002678 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=-0.47106239199638367
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.44 step/s]

[Valid(teacher)][58][UTT][ MSE = 0.5643 | LCC = 0.6264 | SRCC = 0.5923 ] [SYS][ MSE = 0.0424 | LCC = 0.9811 | SRCC = 0.9508 ]
[Valid(teacher)][58][UTT][ GML = 0.226154 | AML = 0.446947 | MoV = 0.239876 | VoV = 0.002697 ] [SYS][ GML = 0.000116 | AML = 1.692606 | MoV = 0.002670 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.48796963691711426
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.56 step/s]

[Valid(teacher)][59][UTT][ MSE = 0.5628 | LCC = 0.6266 | SRCC = 0.5931 ] [SYS][ MSE = 0.0429 | LCC = 0.9808 | SRCC = 0.9467 ]
[Valid(teacher)][59][UTT][ GML = 0.224136 | AML = 0.448649 | MoV = 0.236692 | VoV = 0.002662 ] [SYS][ GML = 0.000080 | AML = 1.592817 | MoV = 0.002639 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.4981844425201416
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.36 step/s]

[Valid(teacher)][60][UTT][ MSE = 0.5779 | LCC = 0.6239 | SRCC = 0.5906 ] [SYS][ MSE = 0.0567 | LCC = 0.9795 | SRCC = 0.9412 ]
[Valid(teacher)][60][UTT][ GML = 0.214374 | AML = 0.444789 | MoV = 0.237542 | VoV = 0.002880 ] [SYS][ GML = 0.000002 | AML = 0.942693 | MoV = 0.002659 | 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 contiguo
us 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, 197.72 step/s]

[Test(best)][61][UTT][ MSE = 0.6336 | LCC = 0.6672 | SRCC = 0.6356 ] [SYS][ MSE = 0.2060 | LCC = 0.9846 | SRCC = 0.9603 ]
[Test(best)][61][UTT][ GML = 0.266203 | AML = 0.405388 | MoV = 0.345077 | VoV = 0.002563 ] [SYS][ GML = 0.000000 | AML = 0.000005 | MoV = 0.002832 | VoV = 0.000003 ]
Test(last): 100% 4000/4000 [00:20<00:00, 199.72 step/s]

[Test(last)][61][UTT][ MSE = 0.5432 | LCC = 0.6485 | SRCC = 0.6161 ] [SYS][ MSE = 0.0481 | LCC = 0.9800 | SRCC = 0.9535 ]
[Test(last)][61][UTT][ GML = 0.235004 | AML = 0.456918 | MoV = 0.238649 | VoV = 0.002952 ] [SYS][ GML = 0.000000 | AML = 1.446829 | MoV = 0.001954 | VoV = 0.000002 ]
(lxygpu) [x_xlian@node020 ProMOSNet]$ client_loop: send disconnect: Broken pipe
lxy@Hope-Liang-MBA ProMOSNet %
```