```
(lxygpu) [x_xlian@node019 ProMOSNet]$ python train.py --lamb_c=0.5 --lamb_t=1 --save_path "runs/c5e-1-t1/run6"
Loading all wav files.
100%|██████████████████████████████████████████████████████████████████████████████████████████| 54040/54040 [08:33<00:00, 105.32it/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 [01:45<00:00, 28.44it/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 [02:21<00:00, 28.28it/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,  4.08 step/s]
Average loss=5697.5419921875
Valid(teacher): 100% 3000/3000 [00:15<00:00, 188.45 step/s]

[Valid(teacher)][0][UTT][ MSE = 1.7614 | LCC = 0.4997 | SRCC = 0.4696 ] [SYS][ MSE = 1.5206 | LCC = 0.8395 | SRCC = 0.8489 ]
[Valid(teacher)][0][UTT][ GML = 0.105017 | AML = 0.228772 | MoV = 0.542486 | VoV = 0.007527 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.006326 | VoV = 0.000028 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.5751355290412903
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.10 step/s]

[Valid(teacher)][1][UTT][ MSE = 0.6619 | LCC = 0.5487 | SRCC = 0.5085 ] [SYS][ MSE = 0.2303 | LCC = 0.8955 | SRCC = 0.8297 ]
[Valid(teacher)][1][UTT][ GML = 0.288688 | AML = 0.361834 | MoV = 0.534351 | VoV = 0.007015 ] [SYS][ GML = 0.000000 | AML = 0.822893 | MoV = 0.006270 | VoV = 0.000028 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.47893211245536804
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.92 step/s]

[Valid(teacher)][2][UTT][ MSE = 0.6163 | LCC = 0.5951 | SRCC = 0.5526 ] [SYS][ MSE = 0.1813 | LCC = 0.9401 | SRCC = 0.8578 ]
[Valid(teacher)][2][UTT][ GML = 0.299466 | AML = 0.375041 | MoV = 0.502881 | VoV = 0.005519 ] [SYS][ GML = 0.000000 | AML = 0.582532 | MoV = 0.005835 | VoV = 0.000022 ]
Train: 100% 845/845 [03:22<00:00,  4.17 step/s]
Average loss=0.42338496446609497
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.83 step/s]

[Valid(teacher)][3][UTT][ MSE = 0.5375 | LCC = 0.6155 | SRCC = 0.5707 ] [SYS][ MSE = 0.0981 | LCC = 0.9536 | SRCC = 0.8872 ]
[Valid(teacher)][3][UTT][ GML = 0.326561 | AML = 0.394093 | MoV = 0.484491 | VoV = 0.003980 ] [SYS][ GML = 0.000645 | AML = 1.175292 | MoV = 0.005525 | VoV = 0.000017 ]
Train: 100% 845/845 [03:22<00:00,  4.17 step/s]
Average loss=0.3829021751880646
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.80 step/s]

[Valid(teacher)][4][UTT][ MSE = 0.5902 | LCC = 0.6244 | SRCC = 0.5800 ] [SYS][ MSE = 0.1671 | LCC = 0.9629 | SRCC = 0.8988 ]
[Valid(teacher)][4][UTT][ GML = 0.306890 | AML = 0.387325 | MoV = 0.464224 | VoV = 0.004617 ] [SYS][ GML = 0.000000 | AML = 0.195034 | MoV = 0.005311 | VoV = 0.000016 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.3513450026512146
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.76 step/s]

[Valid(teacher)][5][UTT][ MSE = 0.5980 | LCC = 0.6262 | SRCC = 0.5822 ] [SYS][ MSE = 0.1768 | LCC = 0.9643 | SRCC = 0.9015 ]
[Valid(teacher)][5][UTT][ GML = 0.304453 | AML = 0.386427 | MoV = 0.461005 | VoV = 0.004336 ] [SYS][ GML = 0.000000 | AML = 0.087159 | MoV = 0.005259 | VoV = 0.000015 ]
Train: 100% 845/845 [03:22<00:00,  4.17 step/s]
Average loss=0.3261607587337494
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.33 step/s]

[Valid(teacher)][6][UTT][ MSE = 0.5903 | LCC = 0.6275 | SRCC = 0.5849 ] [SYS][ MSE = 0.1674 | LCC = 0.9654 | SRCC = 0.9070 ]
[Valid(teacher)][6][UTT][ GML = 0.307006 | AML = 0.389312 | MoV = 0.454735 | VoV = 0.003837 ] [SYS][ GML = 0.000000 | AML = 0.123035 | MoV = 0.005155 | VoV = 0.000014 ]
Train: 100% 845/845 [03:22<00:00,  4.15 step/s]
Average loss=0.3042925298213959
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.00 step/s]

[Valid(teacher)][7][UTT][ MSE = 0.6299 | LCC = 0.6287 | SRCC = 0.5884 ] [SYS][ MSE = 0.2118 | LCC = 0.9661 | SRCC = 0.8995 ]
[Valid(teacher)][7][UTT][ GML = 0.291416 | AML = 0.383916 | MoV = 0.440775 | VoV = 0.003928 ] [SYS][ GML = 0.000000 | AML = 0.007822 | MoV = 0.005003 | VoV = 0.000013 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.2535259425640106
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.65 step/s]

[Valid(teacher)][8][UTT][ MSE = 0.7217 | LCC = 0.6272 | SRCC = 0.5913 ] [SYS][ MSE = 0.3089 | LCC = 0.9666 | SRCC = 0.9036 ]
[Valid(teacher)][8][UTT][ GML = 0.257821 | AML = 0.369006 | MoV = 0.421579 | VoV = 0.003790 ] [SYS][ GML = 0.000000 | AML = 0.000018 | MoV = 0.004801 | VoV = 0.000013 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.22401531040668488
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.45 step/s]

[Valid(teacher)][9][UTT][ MSE = 0.7882 | LCC = 0.6223 | SRCC = 0.5893 ] [SYS][ MSE = 0.3772 | LCC = 0.9661 | SRCC = 0.9015 ]
[Valid(teacher)][9][UTT][ GML = 0.234863 | AML = 0.358176 | MoV = 0.408543 | VoV = 0.003429 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004662 | VoV = 0.000012 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.2025463879108429
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.58 step/s]

[Valid(teacher)][10][UTT][ MSE = 0.8236 | LCC = 0.6210 | SRCC = 0.5916 ] [SYS][ MSE = 0.4122 | LCC = 0.9659 | SRCC = 0.9077 ]
[Valid(teacher)][10][UTT][ GML = 0.221627 | AML = 0.352983 | MoV = 0.397030 | VoV = 0.003067 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004527 | VoV = 0.000012 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.18563053011894226
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.14 step/s]

[Valid(teacher)][11][UTT][ MSE = 0.8884 | LCC = 0.6222 | SRCC = 0.5957 ] [SYS][ MSE = 0.4822 | LCC = 0.9672 | SRCC = 0.9227 ]
[Valid(teacher)][11][UTT][ GML = 0.199796 | AML = 0.342327 | MoV = 0.384262 | VoV = 0.002883 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004405 | VoV = 0.000011 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.160868301987648
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.04 step/s]

[Valid(teacher)][12][UTT][ MSE = 0.9044 | LCC = 0.6231 | SRCC = 0.5977 ] [SYS][ MSE = 0.4968 | LCC = 0.9689 | SRCC = 0.9282 ]
[Valid(teacher)][12][UTT][ GML = 0.192060 | AML = 0.340494 | MoV = 0.374946 | VoV = 0.002796 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004303 | VoV = 0.000011 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.13597159087657928
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.98 step/s]

[Valid(teacher)][13][UTT][ MSE = 0.9184 | LCC = 0.6235 | SRCC = 0.5986 ] [SYS][ MSE = 0.5080 | LCC = 0.9694 | SRCC = 0.9412 ]
[Valid(teacher)][13][UTT][ GML = 0.184734 | AML = 0.339319 | MoV = 0.366123 | VoV = 0.002742 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004202 | VoV = 0.000010 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=0.1087375059723854
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.73 step/s]

[Valid(teacher)][14][UTT][ MSE = 0.8365 | LCC = 0.6272 | SRCC = 0.6006 ] [SYS][ MSE = 0.4168 | LCC = 0.9719 | SRCC = 0.9432 ]
[Valid(teacher)][14][UTT][ GML = 0.205957 | AML = 0.355521 | MoV = 0.364005 | VoV = 0.002524 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004147 | VoV = 0.000010 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.093629390001297
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.11 step/s]

[Valid(teacher)][15][UTT][ MSE = 0.8229 | LCC = 0.6302 | SRCC = 0.6031 ] [SYS][ MSE = 0.4028 | LCC = 0.9741 | SRCC = 0.9391 ]
[Valid(teacher)][15][UTT][ GML = 0.207443 | AML = 0.358836 | MoV = 0.357288 | VoV = 0.002322 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004067 | VoV = 0.000009 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=0.07469378411769867
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.38 step/s]

[Valid(teacher)][16][UTT][ MSE = 0.7496 | LCC = 0.6349 | SRCC = 0.6063 ] [SYS][ MSE = 0.3205 | LCC = 0.9768 | SRCC = 0.9344 ]
[Valid(teacher)][16][UTT][ GML = 0.228162 | AML = 0.375104 | MoV = 0.353955 | VoV = 0.002383 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004003 | VoV = 0.000008 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=0.05486864969134331
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.49 step/s]

[Valid(teacher)][17][UTT][ MSE = 0.7032 | LCC = 0.6365 | SRCC = 0.6075 ] [SYS][ MSE = 0.2659 | LCC = 0.9785 | SRCC = 0.9241 ]
[Valid(teacher)][17][UTT][ GML = 0.242038 | AML = 0.385769 | MoV = 0.350128 | VoV = 0.002323 ] [SYS][ GML = 0.000000 | AML = 0.000024 | MoV = 0.003946 | VoV = 0.000008 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=0.029841197654604912
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.71 step/s]

[Valid(teacher)][18][UTT][ MSE = 0.7001 | LCC = 0.6340 | SRCC = 0.6062 ] [SYS][ MSE = 0.2558 | LCC = 0.9782 | SRCC = 0.9248 ]
[Valid(teacher)][18][UTT][ GML = 0.240684 | AML = 0.388146 | MoV = 0.343911 | VoV = 0.002236 ] [SYS][ GML = 0.000000 | AML = 0.000106 | MoV = 0.003870 | VoV = 0.000007 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=0.029841197654604912
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.71 step/s]

[Valid(teacher)][19][UTT][ MSE = 0.6277 | LCC = 0.6374 | SRCC = 0.6071 ] [SYS][ MSE = 0.1729 | LCC = 0.9799 | SRCC = 0.9262 ]
[Valid(teacher)][19][UTT][ GML = 0.266885 | AML = 0.405877 | MoV = 0.340415 | VoV = 0.002122 ] [SYS][ GML = 0.000000 | AML = 0.011817 | MoV = 0.003802 | VoV = 0.000007 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
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Average loss=0.015642443671822548
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.15 step/s]

[Valid(teacher)][20][UTT][ MSE = 0.5911 | LCC = 0.6395 | SRCC = 0.6087 ] [SYS][ MSE = 0.1284 | LCC = 0.9802 | SRCC = 0.9344 ]
[Valid(teacher)][20][UTT][ GML = 0.281441 | AML = 0.415623 | MoV = 0.337492 | VoV = 0.002023 ] [SYS][ GML = 0.000000 | AML = 0.099207 | MoV = 0.003751 | VoV = 0.000006 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=-0.00664336862569332
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.84 step/s]

[Valid(teacher)][21][UTT][ MSE = 0.5850 | LCC = 0.6392 | SRCC = 0.6078 ] [SYS][ MSE = 0.1148 | LCC = 0.9802 | SRCC = 0.9378 ]
[Valid(teacher)][21][UTT][ GML = 0.282070 | AML = 0.418810 | MoV = 0.332116 | VoV = 0.001881 ] [SYS][ GML = 0.000000 | AML = 0.259378 | MoV = 0.003687 | VoV = 0.000006 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=-0.02717942744934845
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.82 step/s]

[Valid(teacher)][22][UTT][ MSE = 0.5741 | LCC = 0.6391 | SRCC = 0.6067 ] [SYS][ MSE = 0.0996 | LCC = 0.9805 | SRCC = 0.9378 ]
[Valid(teacher)][22][UTT][ GML = 0.284675 | AML = 0.422541 | MoV = 0.326264 | VoV = 0.001832 ] [SYS][ GML = 0.000000 | AML = 0.446100 | MoV = 0.003617 | VoV = 0.000006 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.04673242196440697
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.13 step/s]

[Valid(teacher)][23][UTT][ MSE = 0.5831 | LCC = 0.6387 | SRCC = 0.6059 ] [SYS][ MSE = 0.1112 | LCC = 0.9811 | SRCC = 0.9364 ]
[Valid(teacher)][23][UTT][ GML = 0.278143 | AML = 0.421368 | MoV = 0.321354 | VoV = 0.001887 ] [SYS][ GML = 0.000000 | AML = 0.181022 | MoV = 0.003574 | VoV = 0.000006 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=-0.06654740124940872
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.57 step/s]

[Valid(teacher)][24][UTT][ MSE = 0.5839 | LCC = 0.6389 | SRCC = 0.6060 ] [SYS][ MSE = 0.1116 | LCC = 0.9807 | SRCC = 0.9364 ]
[Valid(teacher)][24][UTT][ GML = 0.275319 | AML = 0.422505 | MoV = 0.316170 | VoV = 0.001910 ] [SYS][ GML = 0.000000 | AML = 0.194892 | MoV = 0.003524 | VoV = 0.000005 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.08155197650194168
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.42 step/s]

[Valid(teacher)][25][UTT][ MSE = 0.5577 | LCC = 0.6382 | SRCC = 0.6039 ] [SYS][ MSE = 0.0791 | LCC = 0.9804 | SRCC = 0.9398 ]
[Valid(teacher)][25][UTT][ GML = 0.285794 | AML = 0.429583 | MoV = 0.312489 | VoV = 0.001928 ] [SYS][ GML = 0.000005 | AML = 0.669804 | MoV = 0.003475 | VoV = 0.000005 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.10522767156362534
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.14 step/s]

[Valid(teacher)][26][UTT][ MSE = 0.5516 | LCC = 0.6386 | SRCC = 0.6034 ] [SYS][ MSE = 0.0728 | LCC = 0.9808 | SRCC = 0.9432 ]
[Valid(teacher)][26][UTT][ GML = 0.286468 | AML = 0.432016 | MoV = 0.307476 | VoV = 0.001860 ] [SYS][ GML = 0.000012 | AML = 0.801603 | MoV = 0.003419 | VoV = 0.000005 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.123283252120018
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.96 step/s]

[Valid(teacher)][27][UTT][ MSE = 0.5731 | LCC = 0.6381 | SRCC = 0.6037 ] [SYS][ MSE = 0.0959 | LCC = 0.9810 | SRCC = 0.9460 ]
[Valid(teacher)][27][UTT][ GML = 0.272667 | AML = 0.428227 | MoV = 0.300280 | VoV = 0.001838 ] [SYS][ GML = 0.000000 | AML = 0.340378 | MoV = 0.003348 | VoV = 0.000005 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=-0.13378845155239105
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.51 step/s]

[Valid(teacher)][28][UTT][ MSE = 0.5586 | LCC = 0.6375 | SRCC = 0.6030 ] [SYS][ MSE = 0.0807 | LCC = 0.9802 | SRCC = 0.9467 ]
[Valid(teacher)][28][UTT][ GML = 0.279120 | AML = 0.431941 | MoV = 0.297195 | VoV = 0.001752 ] [SYS][ GML = 0.000002 | AML = 0.599464 | MoV = 0.003307 | VoV = 0.000005 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.1594502478837967
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.62 step/s]

[Valid(teacher)][29][UTT][ MSE = 0.6063 | LCC = 0.6339 | SRCC = 0.6003 ] [SYS][ MSE = 0.1294 | LCC = 0.9806 | SRCC = 0.9467 ]
[Valid(teacher)][29][UTT][ GML = 0.252015 | AML = 0.422111 | MoV = 0.289605 | VoV = 0.001739 ] [SYS][ GML = 0.000000 | AML = 0.063971 | MoV = 0.003237 | VoV = 0.000005 ]
Train: 100% 845/845 [03:22<00:00,  4.17 step/s]
Average loss=-0.18221813440322876
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.90 step/s]

[Valid(teacher)][30][UTT][ MSE = 0.5748 | LCC = 0.6350 | SRCC = 0.6003 ] [SYS][ MSE = 0.0983 | LCC = 0.9802 | SRCC = 0.9248 ]
[Valid(teacher)][30][UTT][ GML = 0.265409 | AML = 0.430883 | MoV = 0.285908 | VoV = 0.001602 ] [SYS][ GML = 0.000000 | AML = 0.207722 | MoV = 0.003195 | VoV = 0.000005 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=-0.19641239941120148
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.04 step/s]

[Valid(teacher)][31][UTT][ MSE = 0.5531 | LCC = 0.6347 | SRCC = 0.5992 ] [SYS][ MSE = 0.0726 | LCC = 0.9804 | SRCC = 0.9296 ]
[Valid(teacher)][31][UTT][ GML = 0.274561 | AML = 0.437497 | MoV = 0.282047 | VoV = 0.001518 ] [SYS][ GML = 0.000004 | AML = 0.817052 | MoV = 0.003143 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.21594487130641937
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.28 step/s]

[Valid(teacher)][32][UTT][ MSE = 0.5456 | LCC = 0.6350 | SRCC = 0.5988 ] [SYS][ MSE = 0.0662 | LCC = 0.9801 | SRCC = 0.9166 ]
[Valid(teacher)][32][UTT][ GML = 0.277176 | AML = 0.440308 | MoV = 0.278502 | VoV = 0.001431 ] [SYS][ GML = 0.000013 | AML = 1.010228 | MoV = 0.003099 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=-0.23699595034122467
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.43 step/s]

[Valid(teacher)][33][UTT][ MSE = 0.5211 | LCC = 0.6351 | SRCC = 0.5976 ] [SYS][ MSE = 0.0358 | LCC = 0.9799 | SRCC = 0.9275 ]
[Valid(teacher)][33][UTT][ GML = 0.289438 | AML = 0.448213 | MoV = 0.274206 | VoV = 0.001287 ] [SYS][ GML = 0.005088 | AML = 1.771815 | MoV = 0.003033 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.24836643040180206
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.25 step/s]

[Valid(teacher)][34][UTT][ MSE = 0.5140 | LCC = 0.6357 | SRCC = 0.5991 ] [SYS][ MSE = 0.0286 | LCC = 0.9789 | SRCC = 0.9296 ]
[Valid(teacher)][34][UTT][ GML = 0.292113 | AML = 0.451757 | MoV = 0.271214 | VoV = 0.001259 ] [SYS][ GML = 0.022300 | AML = 2.123600 | MoV = 0.003000 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=-0.26454007625579834
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.80 step/s]

[Valid(teacher)][35][UTT][ MSE = 0.5216 | LCC = 0.6356 | SRCC = 0.5992 ] [SYS][ MSE = 0.0375 | LCC = 0.9798 | SRCC = 0.9296 ]
[Valid(teacher)][35][UTT][ GML = 0.284598 | AML = 0.450644 | MoV = 0.266855 | VoV = 0.001240 ] [SYS][ GML = 0.002931 | AML = 1.829143 | MoV = 0.002963 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=-0.28274351358413696
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.88 step/s]

[Valid(teacher)][36][UTT][ MSE = 0.5339 | LCC = 0.6336 | SRCC = 0.5974 ] [SYS][ MSE = 0.0464 | LCC = 0.9800 | SRCC = 0.9275 ]
[Valid(teacher)][36][UTT][ GML = 0.274788 | AML = 0.448834 | MoV = 0.262590 | VoV = 0.001265 ] [SYS][ GML = 0.000324 | AML = 1.693785 | MoV = 0.002921 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=-0.2973061203956604
Valid(teacher): 100% 3000/3000 [00:15<00:00, 190.13 step/s]

[Valid(teacher)][37][UTT][ MSE = 0.5242 | LCC = 0.6338 | SRCC = 0.5977 ] [SYS][ MSE = 0.0380 | LCC = 0.9792 | SRCC = 0.9248 ]
[Valid(teacher)][37][UTT][ GML = 0.277919 | AML = 0.452739 | MoV = 0.258779 | VoV = 0.001224 ] [SYS][ GML = 0.002045 | AML = 1.935314 | MoV = 0.002883 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00,  4.12 step/s]
Average loss=-0.3182472586631775
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.88 step/s]

[Valid(teacher)][38][UTT][ MSE = 0.5154 | LCC = 0.6347 | SRCC = 0.5988 ] [SYS][ MSE = 0.0277 | LCC = 0.9792 | SRCC = 0.9296 ]
[Valid(teacher)][38][UTT][ GML = 0.280877 | AML = 0.455380 | MoV = 0.253763 | VoV = 0.001165 ] [SYS][ GML = 0.019388 | AML = 2.249972 | MoV = 0.002820 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=-0.3265502452850342
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.72 step/s]

[Valid(teacher)][39][UTT][ MSE = 0.5074 | LCC = 0.6352 | SRCC = 0.5997 ] [SYS][ MSE = 0.0228 | LCC = 0.9787 | SRCC = 0.9296 ]
[Valid(teacher)][39][UTT][ GML = 0.285546 | AML = 0.457843 | MoV = 0.252225 | VoV = 0.001117 ] [SYS][ GML = 0.064174 | AML = 2.775642 | MoV = 0.002800 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.3447406589984894
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.44 step/s]

[Valid(teacher)][40][UTT][ MSE = 0.5072 | LCC = 0.6347 | SRCC = 0.6000 ] [SYS][ MSE = 0.0230 | LCC = 0.9796 | SRCC = 0.9275 ]
[Valid(teacher)][40][UTT][ GML = 0.283813 | AML = 0.458884 | MoV = 0.249163 | VoV = 0.001049 ] [SYS][ GML = 0.061603 | AML = 3.018558 | MoV = 0.002771 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.3604763150215149
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.12 step/s]

[Valid(teacher)][41][UTT][ MSE = 0.5087 | LCC = 0.6358 | SRCC = 0.6013 ] [SYS][ MSE = 0.0260 | LCC = 0.9814 | SRCC = 0.9330 ]
[Valid(teacher)][41][UTT][ GML = 0.279767 | AML = 0.459918 | MoV = 0.245628 | VoV = 0.001051 ] [SYS][ GML = 0.031591 | AML = 2.685818 | MoV = 0.002736 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.3748410341238403
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.19 step/s]

[Valid(teacher)][42][UTT][ MSE = 0.5055 | LCC = 0.6365 | SRCC = 0.6019 ] [SYS][ MSE = 0.0249 | LCC = 0.9821 | SRCC = 0.9337 ]
[Valid(teacher)][42][UTT][ GML = 0.280232 | AML = 0.461401 | MoV = 0.242765 | VoV = 0.001032 ] [SYS][ GML = 0.040757 | AML = 2.739199 | MoV = 0.002706 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.3925425112247467
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.94 step/s]

[Valid(teacher)][43][UTT][ MSE = 0.5132 | LCC = 0.6352 | SRCC = 0.6007 ] [SYS][ MSE = 0.0316 | LCC = 0.9820 | SRCC = 0.9337 ]
[Valid(teacher)][43][UTT][ GML = 0.273395 | AML = 0.459537 | MoV = 0.239908 | VoV = 0.001009 ] [SYS][ GML = 0.007459 | AML = 2.252298 | MoV = 0.002679 | VoV = 0.000003 ]
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Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=-0.4017433524131775
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.88 step/s]

[Valid(teacher)][44][UTT][ MSE = 0.5042 | LCC = 0.6350 | SRCC = 0.6009 ] [SYS][ MSE = 0.0234 | LCC = 0.9816 | SRCC = 0.9323 ]
[Valid(teacher)][44][UTT][ GML = 0.278821 | AML = 0.463054 | MoV = 0.238363 | VoV = 0.000946 ] [SYS][ GML = 0.060269 | AML = 3.022618 | MoV = 0.002656 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.4158344268798828
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.87 step/s]

[Valid(teacher)][45][UTT][ MSE = 0.5008 | LCC = 0.6333 | SRCC = 0.5988 ] [SYS][ MSE = 0.0182 | LCC = 0.9802 | SRCC = 0.9378 ]
[Valid(teacher)][45][UTT][ GML = 0.280398 | AML = 0.464916 | MoV = 0.235912 | VoV = 0.000941 ] [SYS][ GML = 0.203865 | AML = 2.773902 | MoV = 0.002619 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=-0.4318027794361145
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.42 step/s]

[Valid(teacher)][46][UTT][ MSE = 0.5049 | LCC = 0.6305 | SRCC = 0.5959 ] [SYS][ MSE = 0.0210 | LCC = 0.9806 | SRCC = 0.9344 ]
[Valid(teacher)][46][UTT][ GML = 0.275005 | AML = 0.464315 | MoV = 0.232509 | VoV = 0.000943 ] [SYS][ GML = 0.110241 | AML = 2.966351 | MoV = 0.002586 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=-0.4557613134384155
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.24 step/s]

[Valid(teacher)][47][UTT][ MSE = 0.5045 | LCC = 0.6292 | SRCC = 0.5951 ] [SYS][ MSE = 0.0183 | LCC = 0.9800 | SRCC = 0.9385 ]
[Valid(teacher)][47][UTT][ GML = 0.273098 | AML = 0.465927 | MoV = 0.228204 | VoV = 0.000857 ] [SYS][ GML = 0.229941 | AML = 2.625364 | MoV = 0.002536 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=-0.4662686586380005
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.43 step/s]

[Valid(teacher)][48][UTT][ MSE = 0.5061 | LCC = 0.6277 | SRCC = 0.5943 ] [SYS][ MSE = 0.0182 | LCC = 0.9796 | SRCC = 0.9378 ]
[Valid(teacher)][48][UTT][ GML = 0.270317 | AML = 0.466198 | MoV = 0.225291 | VoV = 0.000839 ] [SYS][ GML = 0.226912 | AML = 2.485018 | MoV = 0.002502 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.47751474380493164
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.95 step/s]

[Valid(teacher)][49][UTT][ MSE = 0.5107 | LCC = 0.6264 | SRCC = 0.5927 ] [SYS][ MSE = 0.0223 | LCC = 0.9811 | SRCC = 0.9439 ]
[Valid(teacher)][49][UTT][ GML = 0.263611 | AML = 0.465631 | MoV = 0.221963 | VoV = 0.000876 ] [SYS][ GML = 0.080282 | AML = 2.934158 | MoV = 0.002472 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.4921521842479706
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.85 step/s]

[Valid(teacher)][50][UTT][ MSE = 0.5170 | LCC = 0.6260 | SRCC = 0.5919 ] [SYS][ MSE = 0.0282 | LCC = 0.9815 | SRCC = 0.9385 ]
[Valid(teacher)][50][UTT][ GML = 0.256020 | AML = 0.464149 | MoV = 0.218575 | VoV = 0.000855 ] [SYS][ GML = 0.016231 | AML = 2.481718 | MoV = 0.002442 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=-0.5085998773574829
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.06 step/s]

[Valid(teacher)][51][UTT][ MSE = 0.5154 | LCC = 0.6266 | SRCC = 0.5929 ] [SYS][ MSE = 0.0252 | LCC = 0.9819 | SRCC = 0.9385 ]
[Valid(teacher)][51][UTT][ GML = 0.255474 | AML = 0.465722 | MoV = 0.216187 | VoV = 0.000822 ] [SYS][ GML = 0.032661 | AML = 2.739466 | MoV = 0.002412 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=-0.5228828191757202
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.09 step/s]

[Valid(teacher)][52][UTT][ MSE = 0.5114 | LCC = 0.6271 | SRCC = 0.5935 ] [SYS][ MSE = 0.0203 | LCC = 0.9807 | SRCC = 0.9371 ]
[Valid(teacher)][52][UTT][ GML = 0.256524 | AML = 0.468005 | MoV = 0.214131 | VoV = 0.000839 ] [SYS][ GML = 0.108789 | AML = 2.957742 | MoV = 0.002388 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=-0.5347479581832886
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.49 step/s]

[Valid(teacher)][53][UTT][ MSE = 0.5110 | LCC = 0.6287 | SRCC = 0.5949 ] [SYS][ MSE = 0.0224 | LCC = 0.9815 | SRCC = 0.9385 ]
[Valid(teacher)][53][UTT][ GML = 0.255374 | AML = 0.468910 | MoV = 0.212890 | VoV = 0.000866 ] [SYS][ GML = 0.062231 | AML = 2.845202 | MoV = 0.002370 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.5513790845870972
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.56 step/s]

[Valid(teacher)][54][UTT][ MSE = 0.5058 | LCC = 0.6285 | SRCC = 0.5944 ] [SYS][ MSE = 0.0177 | LCC = 0.9811 | SRCC = 0.9350 ]
[Valid(teacher)][54][UTT][ GML = 0.256481 | AML = 0.471491 | MoV = 0.209641 | VoV = 0.000804 ] [SYS][ GML = 0.222735 | AML = 2.651819 | MoV = 0.002334 | VoV = 0.000002 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.5569700598716736
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.01 step/s]

[Valid(teacher)][55][UTT][ MSE = 0.5063 | LCC = 0.6279 | SRCC = 0.5936 ] [SYS][ MSE = 0.0193 | LCC = 0.9818 | SRCC = 0.9385 ]
[Valid(teacher)][55][UTT][ GML = 0.254319 | AML = 0.471240 | MoV = 0.208141 | VoV = 0.000816 ] [SYS][ GML = 0.146250 | AML = 2.858430 | MoV = 0.002321 | VoV = 0.000002 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.5686213374137878
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.43 step/s]

[Valid(teacher)][56][UTT][ MSE = 0.5090 | LCC = 0.6270 | SRCC = 0.5929 ] [SYS][ MSE = 0.0213 | LCC = 0.9825 | SRCC = 0.9371 ]
[Valid(teacher)][56][UTT][ GML = 0.249857 | AML = 0.470664 | MoV = 0.206391 | VoV = 0.000859 ] [SYS][ GML = 0.088503 | AML = 2.913601 | MoV = 0.002309 | VoV = 0.000002 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=-0.5852627754211426
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.68 step/s]

[Valid(teacher)][57][UTT][ MSE = 0.5080 | LCC = 0.6263 | SRCC = 0.5925 ] [SYS][ MSE = 0.0164 | LCC = 0.9825 | SRCC = 0.9371 ]
[Valid(teacher)][57][UTT][ GML = 0.250072 | AML = 0.472022 | MoV = 0.204850 | VoV = 0.000844 ] [SYS][ GML = 0.289977 | AML = 2.837301 | MoV = 0.002283 | VoV = 0.000002 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.5996373891830444
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.79 step/s]

[Valid(teacher)][58][UTT][ MSE = 0.5170 | LCC = 0.6260 | SRCC = 0.5915 ] [SYS][ MSE = 0.0256 | LCC = 0.9840 | SRCC = 0.9350 ]
[Valid(teacher)][58][UTT][ GML = 0.240323 | AML = 0.469103 | MoV = 0.202725 | VoV = 0.000894 ] [SYS][ GML = 0.016981 | AML = 2.550690 | MoV = 0.002269 | VoV = 0.000002 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.6118783950805664
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.24 step/s]

[Valid(teacher)][59][UTT][ MSE = 0.5073 | LCC = 0.6246 | SRCC = 0.5907 ] [SYS][ MSE = 0.0171 | LCC = 0.9831 | SRCC = 0.9508 ]
[Valid(teacher)][59][UTT][ GML = 0.246689 | AML = 0.471849 | MoV = 0.201222 | VoV = 0.000835 ] [SYS][ GML = 0.296173 | AML = 2.748827 | MoV = 0.002249 | VoV = 0.000002 ]
Train: 100% 845/845 [03:22<00:00,  4.16 step/s]
Average loss=-0.6213122010231018
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.78 step/s]

[Valid(teacher)][60][UTT][ MSE = 0.5057 | LCC = 0.6253 | SRCC = 0.5910 ] [SYS][ MSE = 0.0169 | LCC = 0.9827 | SRCC = 0.9453 ]
[Valid(teacher)][60][UTT][ GML = 0.245976 | AML = 0.473233 | MoV = 0.199412 | VoV = 0.000823 ] [SYS][ GML = 0.296656 | AML = 2.580574 | MoV = 0.002226 | 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 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 [00:21<00:00, 187.80 step/s]

[Test(best)][61][UTT][ MSE = 0.5557 | LCC = 0.6596 | SRCC = 0.6277 ] [SYS][ MSE = 0.1182 | LCC = 0.9794 | SRCC = 0.9508 ]
[Test(best)][61][UTT][ GML = 0.299122 | AML = 0.424676 | MoV = 0.338233 | VoV = 0.002057 ] [SYS][ GML = 0.000000 | AML = 0.012311 | MoV = 0.002752 | VoV = 0.000003 ]
Test(last): 100% 4000/4000 [00:20<00:00, 196.93 step/s]

[Test(last)][61][UTT][ MSE = 0.4983 | LCC = 0.6344 | SRCC = 0.6033 ] [SYS][ MSE = 0.0227 | LCC = 0.9774 | SRCC = 0.9576 ]
[Test(last)][61][UTT][ GML = 0.252990 | AML = 0.478105 | MoV = 0.200946 | VoV = 0.000856 ] [SYS][ GML = 0.065444 | AML = 2.361789 | MoV = 0.001640 | VoV = 0.000001 ]
(lxygpu) [x_xlian@node019 ProMOSNet]$ client_loop: send disconnect: Broken pipe
lxy@Hope-Liang-MBA ProMOSNet %
```