```
(lxygpu) [x_xlian@node035 ProMOSNet]$ python train.py --lamb_c=0 --lamb_t=1 --save_path "runs/c0-t1/run3"
Loading all wav files.
100%|████████████████████████████████████████████████████████████████████████████████████████████████████| 54040/54040 [08:32<00:00, 105.44it/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%|████████████████████████████████████████████████████████████████████████████████████████████████████| 3000/3000 [01:43<00:00, 28.90it/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 [02:17<00:00, 29.19it/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 [03:28<00:00,  4.05 step/s]
Average loss=8050.13623046875
Valid(teacher): 100% 3000/3000 [00:15<00:00, 187.62 step/s]

[Valid(teacher)][0][UTT][ MSE = 2.7774 | LCC = 0.4949 | SRCC = 0.4708 ] [SYS][ MSE = 2.5637 | LCC = 0.8380 | SRCC = 0.8311 ]
[Valid(teacher)][0][UTT][ GML = 0.017764 | AML = 0.136767 | MoV = 0.425884 | VoV = 0.011390 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.005052 | VoV = 0.000022 ]
Train: 100% 845/845 [03:27<00:00,  4.07 step/s]
Average loss=0.5011903643608093
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.25 step/s]

[Valid(teacher)][1][UTT][ MSE = 1.9842 | LCC = 0.5543 | SRCC = 0.5163 ] [SYS][ MSE = 1.6105 | LCC = 0.9061 | SRCC = 0.8441 ]
[Valid(teacher)][1][UTT][ GML = 0.032690 | AML = 0.190341 | MoV = 0.403925 | VoV = 0.013717 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004918 | VoV = 0.000025 ]
Train: 100% 845/845 [03:25<00:00,  4.12 step/s]
Average loss=0.41168999671936035
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.91 step/s]

[Valid(teacher)][2][UTT][ MSE = 1.8072 | LCC = 0.5747 | SRCC = 0.5351 ] [SYS][ MSE = 1.4468 | LCC = 0.9250 | SRCC = 0.8598 ]
[Valid(teacher)][2][UTT][ GML = 0.048302 | AML = 0.205711 | MoV = 0.399769 | VoV = 0.010308 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004807 | VoV = 0.000021 ]
Train: 100% 845/845 [03:25<00:00,  4.11 step/s]
Average loss=0.36823534965515137
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.40 step/s]

[Valid(teacher)][3][UTT][ MSE = 1.3142 | LCC = 0.6016 | SRCC = 0.5632 ] [SYS][ MSE = 0.9413 | LCC = 0.9468 | SRCC = 0.8701 ]
[Valid(teacher)][3][UTT][ GML = 0.105805 | AML = 0.267329 | MoV = 0.404525 | VoV = 0.009124 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004827 | VoV = 0.000020 ]
Train: 100% 845/845 [03:28<00:00,  4.06 step/s]
Average loss=0.3281124234199524
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.36 step/s]

[Valid(teacher)][4][UTT][ MSE = 1.6287 | LCC = 0.6112 | SRCC = 0.5727 ] [SYS][ MSE = 1.2919 | LCC = 0.9561 | SRCC = 0.8913 ]
[Valid(teacher)][4][UTT][ GML = 0.066389 | AML = 0.226065 | MoV = 0.375045 | VoV = 0.007206 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004541 | VoV = 0.000019 ]
Train: 100% 845/845 [03:25<00:00,  4.12 step/s]
Average loss=0.30261921882629395
Valid(teacher): 100% 3000/3000 [00:16<00:00, 183.88 step/s]

[Valid(teacher)][5][UTT][ MSE = 1.4959 | LCC = 0.6171 | SRCC = 0.5795 ] [SYS][ MSE = 1.1459 | LCC = 0.9597 | SRCC = 0.8947 ]
[Valid(teacher)][5][UTT][ GML = 0.083199 | AML = 0.242807 | MoV = 0.383139 | VoV = 0.006848 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004608 | VoV = 0.000018 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=0.2781379520893097
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.38 step/s]

[Valid(teacher)][6][UTT][ MSE = 1.4157 | LCC = 0.6227 | SRCC = 0.5875 ] [SYS][ MSE = 1.0628 | LCC = 0.9635 | SRCC = 0.9070 ]
[Valid(teacher)][6][UTT][ GML = 0.094664 | AML = 0.254091 | MoV = 0.382937 | VoV = 0.006168 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004588 | VoV = 0.000017 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.2522033452987671
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.64 step/s]

[Valid(teacher)][7][UTT][ MSE = 1.3023 | LCC = 0.6251 | SRCC = 0.5922 ] [SYS][ MSE = 0.9435 | LCC = 0.9659 | SRCC = 0.9063 ]
[Valid(teacher)][7][UTT][ GML = 0.114311 | AML = 0.270903 | MoV = 0.387442 | VoV = 0.005215 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004607 | VoV = 0.000016 ]
Train: 100% 845/845 [03:25<00:00,  4.12 step/s]
Average loss=0.2259027063846588
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.72 step/s]

[Valid(teacher)][8][UTT][ MSE = 1.4182 | LCC = 0.6261 | SRCC = 0.5914 ] [SYS][ MSE = 1.0699 | LCC = 0.9680 | SRCC = 0.9091 ]
[Valid(teacher)][8][UTT][ GML = 0.093435 | AML = 0.254750 | MoV = 0.372682 | VoV = 0.005005 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004455 | VoV = 0.000016 ]
Train: 100% 845/845 [03:26<00:00,  4.10 step/s]
Average loss=0.20506615936756134
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.92 step/s]

[Valid(teacher)][9][UTT][ MSE = 1.3703 | LCC = 0.6246 | SRCC = 0.5901 ] [SYS][ MSE = 1.0170 | LCC = 0.9692 | SRCC = 0.9166 ]
[Valid(teacher)][9][UTT][ GML = 0.100044 | AML = 0.262915 | MoV = 0.370219 | VoV = 0.004177 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004403 | VoV = 0.000015 ]
Train: 100% 845/845 [03:26<00:00,  4.08 step/s]
Average loss=0.17864340543746948
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.12 step/s]

[Valid(teacher)][10][UTT][ MSE = 1.3395 | LCC = 0.6254 | SRCC = 0.5908 ] [SYS][ MSE = 0.9870 | LCC = 0.9698 | SRCC = 0.9275 ]
[Valid(teacher)][10][UTT][ GML = 0.102889 | AML = 0.267957 | MoV = 0.365065 | VoV = 0.003686 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004327 | VoV = 0.000014 ]
Train: 100% 845/845 [03:25<00:00,  4.11 step/s]
Average loss=0.15810617804527283
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.07 step/s]

[Valid(teacher)][11][UTT][ MSE = 1.3875 | LCC = 0.6229 | SRCC = 0.5882 ] [SYS][ MSE = 1.0429 | LCC = 0.9710 | SRCC = 0.9398 ]
[Valid(teacher)][11][UTT][ GML = 0.093402 | AML = 0.261784 | MoV = 0.356017 | VoV = 0.003344 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004226 | VoV = 0.000013 ]
Train: 100% 845/845 [03:24<00:00,  4.12 step/s]
Average loss=0.1320241540670395
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.47 step/s]

[Valid(teacher)][12][UTT][ MSE = 1.2443 | LCC = 0.6206 | SRCC = 0.5898 ] [SYS][ MSE = 0.8818 | LCC = 0.9699 | SRCC = 0.9398 ]
[Valid(teacher)][12][UTT][ GML = 0.114835 | AML = 0.283716 | MoV = 0.357779 | VoV = 0.003125 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004227 | VoV = 0.000013 ]
Train: 100% 845/845 [03:25<00:00,  4.12 step/s]
Average loss=0.10976933687925339
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.92 step/s]

[Valid(teacher)][13][UTT][ MSE = 1.1123 | LCC = 0.6232 | SRCC = 0.5939 ] [SYS][ MSE = 0.7337 | LCC = 0.9710 | SRCC = 0.9289 ]
[Valid(teacher)][13][UTT][ GML = 0.138987 | AML = 0.304265 | MoV = 0.360652 | VoV = 0.002970 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004238 | VoV = 0.000012 ]
Train: 100% 845/845 [03:24<00:00,  4.12 step/s]
Average loss=0.08554687350988388
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.78 step/s]

[Valid(teacher)][14][UTT][ MSE = 0.9865 | LCC = 0.6251 | SRCC = 0.5988 ] [SYS][ MSE = 0.5908 | LCC = 0.9721 | SRCC = 0.9316 ]
[Valid(teacher)][14][UTT][ GML = 0.165017 | AML = 0.325783 | MoV = 0.360787 | VoV = 0.002803 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004218 | VoV = 0.000012 ]
Train: 100% 845/845 [03:25<00:00,  4.12 step/s]
Average loss=0.06339320540428162
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.38 step/s]

[Valid(teacher)][15][UTT][ MSE = 0.8921 | LCC = 0.6251 | SRCC = 0.6037 ] [SYS][ MSE = 0.4854 | LCC = 0.9741 | SRCC = 0.9344 ]
[Valid(teacher)][15][UTT][ GML = 0.186749 | AML = 0.343605 | MoV = 0.357941 | VoV = 0.002819 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004170 | VoV = 0.000011 ]
Train: 100% 845/845 [03:26<00:00,  4.08 step/s]
Average loss=0.04264124110341072
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.30 step/s]

[Valid(teacher)][16][UTT][ MSE = 0.8903 | LCC = 0.6283 | SRCC = 0.6034 ] [SYS][ MSE = 0.4793 | LCC = 0.9749 | SRCC = 0.9371 ]
[Valid(teacher)][16][UTT][ GML = 0.185128 | AML = 0.344447 | MoV = 0.352750 | VoV = 0.002610 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004107 | VoV = 0.000011 ]
Train: 100% 845/845 [03:24<00:00,  4.12 step/s]
Average loss=0.02244250290095806
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.89 step/s]

[Valid(teacher)][17][UTT][ MSE = 0.7926 | LCC = 0.6324 | SRCC = 0.6070 ] [SYS][ MSE = 0.3720 | LCC = 0.9765 | SRCC = 0.9426 ]
[Valid(teacher)][17][UTT][ GML = 0.211671 | AML = 0.363817 | MoV = 0.351187 | VoV = 0.002592 ] [SYS][ GML = 0.000000 | AML = 0.000003 | MoV = 0.004076 | VoV = 0.000010 ]
Train: 100% 845/845 [03:25<00:00,  4.11 step/s]
Average loss=-0.0020125419832766056
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.92 step/s]

[Valid(teacher)][18][UTT][ MSE = 0.7911 | LCC = 0.6333 | SRCC = 0.6089 ] [SYS][ MSE = 0.3704 | LCC = 0.9779 | SRCC = 0.9405 ]
[Valid(teacher)][18][UTT][ GML = 0.208886 | AML = 0.365122 | MoV = 0.343027 | VoV = 0.002442 ] [SYS][ GML = 0.000000 | AML = 0.000003 | MoV = 0.003980 | VoV = 0.000010 ]
Train: 100% 845/845 [03:28<00:00,  4.05 step/s]
Average loss=-0.01770039089024067
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.06 step/s]

[Valid(teacher)][19][UTT][ MSE = 0.7466 | LCC = 0.6364 | SRCC = 0.6104 ] [SYS][ MSE = 0.3173 | LCC = 0.9796 | SRCC = 0.9474 ]
[Valid(teacher)][19][UTT][ GML = 0.220926 | AML = 0.375123 | MoV = 0.340338 | VoV = 0.002652 ] [SYS][ GML = 0.000000 | AML = 0.000044 | MoV = 0.003942 | VoV = 0.000009 ]
Train: 100% 845/845 [03:28<00:00,  4.05 step/s]
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Average loss=-0.03998095169663429
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.22 step/s]

[Valid(teacher)][20][UTT][ MSE = 0.7140 | LCC = 0.6368 | SRCC = 0.6103 ] [SYS][ MSE = 0.2791 | LCC = 0.9802 | SRCC = 0.9412 ]
[Valid(teacher)][20][UTT][ GML = 0.230169 | AML = 0.383057 | MoV = 0.336260 | VoV = 0.002542 ] [SYS][ GML = 0.000000 | AML = 0.000476 | MoV = 0.003882 | VoV = 0.000009 ]
Train: 100% 845/845 [03:27<00:00,  4.08 step/s]
Average loss=-0.05734348297191406
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.32 step/s]

[Valid(teacher)][21][UTT][ MSE = 0.6744 | LCC = 0.6381 | SRCC = 0.6111 ] [SYS][ MSE = 0.2303 | LCC = 0.9803 | SRCC = 0.9460 ]
[Valid(teacher)][21][UTT][ GML = 0.242308 | AML = 0.393391 | MoV = 0.331754 | VoV = 0.002406 ] [SYS][ GML = 0.000000 | AML = 0.006384 | MoV = 0.003814 | VoV = 0.000008 ]
Train: 100% 845/845 [03:26<00:00,  4.09 step/s]
Average loss=-0.08344016969203949
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.10 step/s]

[Valid(teacher)][22][UTT][ MSE = 0.6184 | LCC = 0.6404 | SRCC = 0.6119 ] [SYS][ MSE = 0.1684 | LCC = 0.9807 | SRCC = 0.9426 ]
[Valid(teacher)][22][UTT][ GML = 0.264090 | AML = 0.407602 | MoV = 0.330941 | VoV = 0.002327 ] [SYS][ GML = 0.000000 | AML = 0.059505 | MoV = 0.003784 | VoV = 0.000008 ]
Train: 100% 845/845 [03:26<00:00,  4.09 step/s]
Average loss=-0.1035003513097763
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.51 step/s]

[Valid(teacher)][23][UTT][ MSE = 0.6252 | LCC = 0.6399 | SRCC = 0.6120 ] [SYS][ MSE = 0.1728 | LCC = 0.9812 | SRCC = 0.9432 ]
[Valid(teacher)][23][UTT][ GML = 0.259066 | AML = 0.407101 | MoV = 0.325255 | VoV = 0.002160 ] [SYS][ GML = 0.000000 | AML = 0.042178 | MoV = 0.003720 | VoV = 0.000008 ]
Train: 100% 845/845 [03:26<00:00,  4.09 step/s]
Average loss=-0.11983881890773773
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.14 step/s]

[Valid(teacher)][24][UTT][ MSE = 0.6673 | LCC = 0.6359 | SRCC = 0.6098 ] [SYS][ MSE = 0.2121 | LCC = 0.9806 | SRCC = 0.9432 ]
[Valid(teacher)][24][UTT][ GML = 0.237014 | AML = 0.398892 | MoV = 0.315529 | VoV = 0.002272 ] [SYS][ GML = 0.000000 | AML = 0.007441 | MoV = 0.003630 | VoV = 0.000008 ]
Train: 100% 845/845 [03:25<00:00,  4.11 step/s]
Average loss=-0.1422768086194992
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.30 step/s]

[Valid(teacher)][25][UTT][ MSE = 0.6454 | LCC = 0.6337 | SRCC = 0.6071 ] [SYS][ MSE = 0.1841 | LCC = 0.9803 | SRCC = 0.9432 ]
[Valid(teacher)][25][UTT][ GML = 0.243958 | AML = 0.405196 | MoV = 0.312013 | VoV = 0.002309 ] [SYS][ GML = 0.000000 | AML = 0.023642 | MoV = 0.003591 | VoV = 0.000007 ]
Train: 100% 845/845 [03:26<00:00,  4.10 step/s]
Average loss=-0.15793651342391968
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.38 step/s]

[Valid(teacher)][26][UTT][ MSE = 0.6272 | LCC = 0.6343 | SRCC = 0.6071 ] [SYS][ MSE = 0.1648 | LCC = 0.9800 | SRCC = 0.9398 ]
[Valid(teacher)][26][UTT][ GML = 0.249177 | AML = 0.410517 | MoV = 0.308704 | VoV = 0.002440 ] [SYS][ GML = 0.000000 | AML = 0.061225 | MoV = 0.003550 | VoV = 0.000007 ]
Train: 100% 845/845 [03:26<00:00,  4.09 step/s]
Average loss=-0.17565955221652985
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.40 step/s]

[Valid(teacher)][27][UTT][ MSE = 0.6059 | LCC = 0.6344 | SRCC = 0.6067 ] [SYS][ MSE = 0.1403 | LCC = 0.9806 | SRCC = 0.9446 ]
[Valid(teacher)][27][UTT][ GML = 0.257740 | AML = 0.417351 | MoV = 0.306165 | VoV = 0.002365 ] [SYS][ GML = 0.000000 | AML = 0.096595 | MoV = 0.003506 | VoV = 0.000007 ]
Train: 100% 845/845 [03:25<00:00,  4.11 step/s]
Average loss=-0.18946388363838196
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.18 step/s]

[Valid(teacher)][28][UTT][ MSE = 0.5766 | LCC = 0.6351 | SRCC = 0.6063 ] [SYS][ MSE = 0.1091 | LCC = 0.9802 | SRCC = 0.9446 ]
[Valid(teacher)][28][UTT][ GML = 0.270425 | AML = 0.426340 | MoV = 0.304437 | VoV = 0.002280 ] [SYS][ GML = 0.000000 | AML = 0.182041 | MoV = 0.003475 | VoV = 0.000007 ]
Train: 100% 845/845 [03:28<00:00,  4.06 step/s]
Average loss=-0.20634639263153076
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.35 step/s]

[Valid(teacher)][29][UTT][ MSE = 0.5689 | LCC = 0.6330 | SRCC = 0.6042 ] [SYS][ MSE = 0.0972 | LCC = 0.9793 | SRCC = 0.9453 ]
[Valid(teacher)][29][UTT][ GML = 0.272148 | AML = 0.430135 | MoV = 0.299538 | VoV = 0.002211 ] [SYS][ GML = 0.000000 | AML = 0.244201 | MoV = 0.003421 | VoV = 0.000006 ]
Train: 100% 845/845 [03:27<00:00,  4.08 step/s]
Average loss=-0.22534367442131042
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.01 step/s]

[Valid(teacher)][30][UTT][ MSE = 0.5578 | LCC = 0.6341 | SRCC = 0.6043 ] [SYS][ MSE = 0.0811 | LCC = 0.9793 | SRCC = 0.9432 ]
[Valid(teacher)][30][UTT][ GML = 0.276154 | AML = 0.434496 | MoV = 0.295775 | VoV = 0.002084 ] [SYS][ GML = 0.000003 | AML = 0.304497 | MoV = 0.003367 | VoV = 0.000006 ]
Train: 100% 845/845 [03:25<00:00,  4.10 step/s]
Average loss=-0.24180610477924347
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.97 step/s]

[Valid(teacher)][31][UTT][ MSE = 0.5325 | LCC = 0.6362 | SRCC = 0.6048 ] [SYS][ MSE = 0.0600 | LCC = 0.9794 | SRCC = 0.9446 ]
[Valid(teacher)][31][UTT][ GML = 0.289339 | AML = 0.441929 | MoV = 0.294191 | VoV = 0.002004 ] [SYS][ GML = 0.000225 | AML = 0.666499 | MoV = 0.003337 | VoV = 0.000006 ]
Train: 100% 845/845 [03:25<00:00,  4.11 step/s]
Average loss=-0.25273072719573975
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.87 step/s]

[Valid(teacher)][32][UTT][ MSE = 0.5245 | LCC = 0.6366 | SRCC = 0.6056 ] [SYS][ MSE = 0.0547 | LCC = 0.9785 | SRCC = 0.9378 ]
[Valid(teacher)][32][UTT][ GML = 0.293618 | AML = 0.444010 | MoV = 0.293612 | VoV = 0.002042 ] [SYS][ GML = 0.000817 | AML = 1.067118 | MoV = 0.003325 | VoV = 0.000006 ]
Train: 100% 845/845 [03:28<00:00,  4.06 step/s]
Average loss=-0.27741098403930664
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.64 step/s]

[Valid(teacher)][33][UTT][ MSE = 0.5232 | LCC = 0.6351 | SRCC = 0.6035 ] [SYS][ MSE = 0.0505 | LCC = 0.9782 | SRCC = 0.9412 ]
[Valid(teacher)][33][UTT][ GML = 0.292135 | AML = 0.445835 | MoV = 0.288629 | VoV = 0.001973 ] [SYS][ GML = 0.001590 | AML = 1.363129 | MoV = 0.003270 | VoV = 0.000005 ]
Train: 100% 845/845 [03:27<00:00,  4.06 step/s]
Average loss=-0.2971023619174957
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.42 step/s]

[Valid(teacher)][34][UTT][ MSE = 0.5173 | LCC = 0.6346 | SRCC = 0.6025 ] [SYS][ MSE = 0.0422 | LCC = 0.9785 | SRCC = 0.9371 ]
[Valid(teacher)][34][UTT][ GML = 0.293897 | AML = 0.449114 | MoV = 0.284721 | VoV = 0.001917 ] [SYS][ GML = 0.006376 | AML = 2.201099 | MoV = 0.003221 | VoV = 0.000005 ]
Train: 100% 845/845 [03:27<00:00,  4.08 step/s]
Average loss=-0.30667299032211304
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.33 step/s]

[Valid(teacher)][35][UTT][ MSE = 0.5048 | LCC = 0.6342 | SRCC = 0.6018 ] [SYS][ MSE = 0.0299 | LCC = 0.9778 | SRCC = 0.9323 ]
[Valid(teacher)][35][UTT][ GML = 0.301794 | AML = 0.453101 | MoV = 0.284356 | VoV = 0.001808 ] [SYS][ GML = 0.071381 | AML = 3.495068 | MoV = 0.003205 | VoV = 0.000005 ]
Train: 100% 845/845 [03:26<00:00,  4.09 step/s]
Average loss=-0.324241578578949
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.98 step/s]

[Valid(teacher)][36][UTT][ MSE = 0.5037 | LCC = 0.6337 | SRCC = 0.6013 ] [SYS][ MSE = 0.0287 | LCC = 0.9781 | SRCC = 0.9344 ]
[Valid(teacher)][36][UTT][ GML = 0.300275 | AML = 0.454760 | MoV = 0.280302 | VoV = 0.001784 ] [SYS][ GML = 0.081413 | AML = 3.399674 | MoV = 0.003159 | VoV = 0.000005 ]
Train: 100% 845/845 [03:25<00:00,  4.11 step/s]
Average loss=-0.33048591017723083
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.14 step/s]

[Valid(teacher)][37][UTT][ MSE = 0.5010 | LCC = 0.6337 | SRCC = 0.6018 ] [SYS][ MSE = 0.0275 | LCC = 0.9772 | SRCC = 0.9391 ]
[Valid(teacher)][37][UTT][ GML = 0.301041 | AML = 0.456611 | MoV = 0.277862 | VoV = 0.001707 ] [SYS][ GML = 0.107756 | AML = 3.361859 | MoV = 0.003130 | VoV = 0.000005 ]
Train: 100% 845/845 [03:26<00:00,  4.09 step/s]
Average loss=-0.3524366021156311
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.07 step/s]

[Valid(teacher)][38][UTT][ MSE = 0.5024 | LCC = 0.6319 | SRCC = 0.6002 ] [SYS][ MSE = 0.0251 | LCC = 0.9774 | SRCC = 0.9357 ]
[Valid(teacher)][38][UTT][ GML = 0.298347 | AML = 0.457307 | MoV = 0.273829 | VoV = 0.001635 ] [SYS][ GML = 0.160888 | AML = 3.220875 | MoV = 0.003080 | VoV = 0.000005 ]
Train: 100% 845/845 [03:27<00:00,  4.07 step/s]
Average loss=-0.36866870522499084
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.67 step/s]

[Valid(teacher)][39][UTT][ MSE = 0.5010 | LCC = 0.6317 | SRCC = 0.6001 ] [SYS][ MSE = 0.0230 | LCC = 0.9778 | SRCC = 0.9460 ]
[Valid(teacher)][39][UTT][ GML = 0.297807 | AML = 0.458736 | MoV = 0.270893 | VoV = 0.001619 ] [SYS][ GML = 0.241094 | AML = 2.916482 | MoV = 0.003046 | VoV = 0.000004 ]
Train: 100% 845/845 [03:26<00:00,  4.09 step/s]
Average loss=-0.3735839724540704
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.75 step/s]

[Valid(teacher)][40][UTT][ MSE = 0.5026 | LCC = 0.6302 | SRCC = 0.5983 ] [SYS][ MSE = 0.0209 | LCC = 0.9771 | SRCC = 0.9426 ]
[Valid(teacher)][40][UTT][ GML = 0.296035 | AML = 0.459770 | MoV = 0.268884 | VoV = 0.001689 ] [SYS][ GML = 0.363041 | AML = 2.142249 | MoV = 0.003020 | VoV = 0.000004 ]
Train: 100% 845/845 [03:26<00:00,  4.09 step/s]
Average loss=-0.3938433825969696
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.52 step/s]

[Valid(teacher)][41][UTT][ MSE = 0.5022 | LCC = 0.6302 | SRCC = 0.5985 ] [SYS][ MSE = 0.0213 | LCC = 0.9761 | SRCC = 0.9432 ]
[Valid(teacher)][41][UTT][ GML = 0.294120 | AML = 0.461679 | MoV = 0.264811 | VoV = 0.001667 ] [SYS][ GML = 0.327832 | AML = 2.046603 | MoV = 0.002971 | VoV = 0.000004 ]
Train: 100% 845/845 [03:25<00:00,  4.11 step/s]
Average loss=-0.4169305264949986
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.05 step/s]

[Valid(teacher)][42][UTT][ MSE = 0.5021 | LCC = 0.6286 | SRCC = 0.5966 ] [SYS][ MSE = 0.0214 | LCC = 0.9770 | SRCC = 0.9460 ]
[Valid(teacher)][42][UTT][ GML = 0.291923 | AML = 0.462910 | MoV = 0.260252 | VoV = 0.001574 ] [SYS][ GML = 0.340494 | AML = 2.160105 | MoV = 0.002926 | VoV = 0.000004 ]
Train: 100% 845/845 [03:26<00:00,  4.09 step/s]
Average loss=-0.4236608147621155
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.14 step/s]

[Valid(teacher)][43][UTT][ MSE = 0.5035 | LCC = 0.6283 | SRCC = 0.5963 ] [SYS][ MSE = 0.0204 | LCC = 0.9772 | SRCC = 0.9391 ]
[Valid(teacher)][43][UTT][ GML = 0.289467 | AML = 0.464207 | MoV = 0.257543 | VoV = 0.001600 ] [SYS][ GML = 0.375924 | AML = 1.958280 | MoV = 0.002896 | VoV = 0.000004 ]
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Train: 100% 845/845 [03:25<00:00,  4.11 step/s]
Average loss=-0.4363369643688202
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.10 step/s]

[Valid(teacher)][44][UTT][ MSE = 0.5047 | LCC = 0.6294 | SRCC = 0.5979 ] [SYS][ MSE = 0.0239 | LCC = 0.9755 | SRCC = 0.9350 ]
[Valid(teacher)][44][UTT][ GML = 0.289502 | AML = 0.464319 | MoV = 0.257447 | VoV = 0.001578 ] [SYS][ GML = 0.165514 | AML = 1.872352 | MoV = 0.002885 | VoV = 0.000004 ]
Train: 100% 845/845 [03:29<00:00,  4.04 step/s]
Average loss=-0.4512823299980164
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.36 step/s]

[Valid(teacher)][45][UTT][ MSE = 0.5100 | LCC = 0.6288 | SRCC = 0.5975 ] [SYS][ MSE = 0.0300 | LCC = 0.9749 | SRCC = 0.9371 ]
[Valid(teacher)][45][UTT][ GML = 0.285577 | AML = 0.463271 | MoV = 0.255055 | VoV = 0.001537 ] [SYS][ GML = 0.036112 | AML = 2.416425 | MoV = 0.002843 | VoV = 0.000004 ]
Train: 100% 845/845 [03:27<00:00,  4.07 step/s]
Average loss=-0.45916205644607544
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.48 step/s]

[Valid(teacher)][46][UTT][ MSE = 0.5067 | LCC = 0.6293 | SRCC = 0.5973 ] [SYS][ MSE = 0.0254 | LCC = 0.9762 | SRCC = 0.9432 ]
[Valid(teacher)][46][UTT][ GML = 0.285195 | AML = 0.465374 | MoV = 0.251885 | VoV = 0.001526 ] [SYS][ GML = 0.096674 | AML = 2.229744 | MoV = 0.002815 | VoV = 0.000004 ]
Train: 100% 845/845 [03:27<00:00,  4.06 step/s]
Average loss=-0.4751649796962738
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.24 step/s]

[Valid(teacher)][47][UTT][ MSE = 0.5108 | LCC = 0.6281 | SRCC = 0.5963 ] [SYS][ MSE = 0.0284 | LCC = 0.9754 | SRCC = 0.9337 ]
[Valid(teacher)][47][UTT][ GML = 0.280511 | AML = 0.465174 | MoV = 0.248547 | VoV = 0.001547 ] [SYS][ GML = 0.046187 | AML = 2.233013 | MoV = 0.002772 | VoV = 0.000003 ]
Train: 100% 845/845 [03:26<00:00,  4.09 step/s]
Average loss=-0.4768497347831726
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.45 step/s]

[Valid(teacher)][48][UTT][ MSE = 0.5068 | LCC = 0.6292 | SRCC = 0.5974 ] [SYS][ MSE = 0.0250 | LCC = 0.9763 | SRCC = 0.9344 ]
[Valid(teacher)][48][UTT][ GML = 0.281536 | AML = 0.466702 | MoV = 0.247192 | VoV = 0.001611 ] [SYS][ GML = 0.096418 | AML = 2.131754 | MoV = 0.002759 | VoV = 0.000003 ]
Train: 100% 845/845 [03:26<00:00,  4.09 step/s]
Average loss=-0.5032241940498352
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.40 step/s]

[Valid(teacher)][49][UTT][ MSE = 0.5111 | LCC = 0.6271 | SRCC = 0.5954 ] [SYS][ MSE = 0.0289 | LCC = 0.9757 | SRCC = 0.9344 ]
[Valid(teacher)][49][UTT][ GML = 0.278490 | AML = 0.465619 | MoV = 0.245472 | VoV = 0.001602 ] [SYS][ GML = 0.039097 | AML = 2.349767 | MoV = 0.002737 | VoV = 0.000003 ]
Train: 100% 845/845 [03:25<00:00,  4.12 step/s]
Average loss=-0.5166755106781006
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.03 step/s]

[Valid(teacher)][50][UTT][ MSE = 0.5121 | LCC = 0.6255 | SRCC = 0.5938 ] [SYS][ MSE = 0.0299 | LCC = 0.9755 | SRCC = 0.9337 ]
[Valid(teacher)][50][UTT][ GML = 0.276262 | AML = 0.466179 | MoV = 0.242690 | VoV = 0.001559 ] [SYS][ GML = 0.030441 | AML = 2.254361 | MoV = 0.002704 | VoV = 0.000003 ]
Train: 100% 845/845 [03:26<00:00,  4.09 step/s]
Average loss=-0.5315804481506348
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.03 step/s]

[Valid(teacher)][51][UTT][ MSE = 0.5103 | LCC = 0.6267 | SRCC = 0.5946 ] [SYS][ MSE = 0.0288 | LCC = 0.9752 | SRCC = 0.9275 ]
[Valid(teacher)][51][UTT][ GML = 0.274063 | AML = 0.468639 | MoV = 0.237526 | VoV = 0.001458 ] [SYS][ GML = 0.039342 | AML = 2.194999 | MoV = 0.002654 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=-0.5448557138442993
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.90 step/s]

[Valid(teacher)][52][UTT][ MSE = 0.5144 | LCC = 0.6253 | SRCC = 0.5938 ] [SYS][ MSE = 0.0303 | LCC = 0.9745 | SRCC = 0.9275 ]
[Valid(teacher)][52][UTT][ GML = 0.269243 | AML = 0.468445 | MoV = 0.234462 | VoV = 0.001466 ] [SYS][ GML = 0.022082 | AML = 2.132965 | MoV = 0.002619 | VoV = 0.000003 ]
Train: 100% 845/845 [03:26<00:00,  4.09 step/s]
Average loss=-0.5591463446617126
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.41 step/s]

[Valid(teacher)][53][UTT][ MSE = 0.5160 | LCC = 0.6252 | SRCC = 0.5933 ] [SYS][ MSE = 0.0309 | LCC = 0.9748 | SRCC = 0.9207 ]
[Valid(teacher)][53][UTT][ GML = 0.266486 | AML = 0.468842 | MoV = 0.232239 | VoV = 0.001511 ] [SYS][ GML = 0.016272 | AML = 2.110669 | MoV = 0.002593 | VoV = 0.000003 ]
Train: 100% 845/845 [03:26<00:00,  4.10 step/s]
Average loss=-0.5755101442337036
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.25 step/s]

[Valid(teacher)][54][UTT][ MSE = 0.5279 | LCC = 0.6233 | SRCC = 0.5921 ] [SYS][ MSE = 0.0442 | LCC = 0.9738 | SRCC = 0.9173 ]
[Valid(teacher)][54][UTT][ GML = 0.260184 | AML = 0.465178 | MoV = 0.232798 | VoV = 0.001556 ] [SYS][ GML = 0.000524 | AML = 1.653007 | MoV = 0.002586 | VoV = 0.000003 ]
Train: 100% 845/845 [03:26<00:00,  4.10 step/s]
Average loss=-0.5838422775268555
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.91 step/s]

[Valid(teacher)][55][UTT][ MSE = 0.5408 | LCC = 0.6229 | SRCC = 0.5915 ] [SYS][ MSE = 0.0587 | LCC = 0.9728 | SRCC = 0.9241 ]
[Valid(teacher)][55][UTT][ GML = 0.252297 | AML = 0.462193 | MoV = 0.231002 | VoV = 0.001439 ] [SYS][ GML = 0.000011 | AML = 1.002499 | MoV = 0.002563 | VoV = 0.000003 ]
Train: 100% 845/845 [03:25<00:00,  4.10 step/s]
Average loss=-0.5929906368255615
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.56 step/s]

[Valid(teacher)][56][UTT][ MSE = 0.5244 | LCC = 0.6251 | SRCC = 0.5931 ] [SYS][ MSE = 0.0419 | LCC = 0.9754 | SRCC = 0.9275 ]
[Valid(teacher)][56][UTT][ GML = 0.259242 | AML = 0.468482 | MoV = 0.228049 | VoV = 0.001389 ] [SYS][ GML = 0.000698 | AML = 1.741831 | MoV = 0.002544 | VoV = 0.000003 ]
Train: 100% 845/845 [03:25<00:00,  4.12 step/s]
Average loss=-0.6126344203948975
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.88 step/s]

[Valid(teacher)][57][UTT][ MSE = 0.5258 | LCC = 0.6256 | SRCC = 0.5939 ] [SYS][ MSE = 0.0457 | LCC = 0.9747 | SRCC = 0.9309 ]
[Valid(teacher)][57][UTT][ GML = 0.257257 | AML = 0.468992 | MoV = 0.226210 | VoV = 0.001341 ] [SYS][ GML = 0.000263 | AML = 1.618121 | MoV = 0.002516 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=-0.6192213296890259
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.79 step/s]

[Valid(teacher)][58][UTT][ MSE = 0.5362 | LCC = 0.6242 | SRCC = 0.5934 ] [SYS][ MSE = 0.0543 | LCC = 0.9740 | SRCC = 0.9296 ]
[Valid(teacher)][58][UTT][ GML = 0.250103 | AML = 0.466830 | MoV = 0.224374 | VoV = 0.001340 ] [SYS][ GML = 0.000023 | AML = 1.102656 | MoV = 0.002499 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.6334912776947021
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.00 step/s]

[Valid(teacher)][59][UTT][ MSE = 0.5299 | LCC = 0.6249 | SRCC = 0.5931 ] [SYS][ MSE = 0.0462 | LCC = 0.9752 | SRCC = 0.9296 ]
[Valid(teacher)][59][UTT][ GML = 0.251374 | AML = 0.469514 | MoV = 0.221526 | VoV = 0.001343 ] [SYS][ GML = 0.000173 | AML = 1.499866 | MoV = 0.002470 | VoV = 0.000003 ]

[Valid(teacher)][60][UTT][ MSE = 0.5238 | LCC = 0.6238 | SRCC = 0.5920 ] [SYS][ MSE = 0.0408 | LCC = 0.9739 | SRCC = 0.9275 ]
[Valid(teacher)][60][UTT][ GML = 0.251968 | AML = 0.472029 | MoV = 0.218343 | VoV = 0.001276 ] [SYS][ GML = 0.000796 | AML = 1.911840 | MoV = 0.002438 | 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 [00:21<00:00, 190.26 step/s]

[Test(best)][61][UTT][ MSE = 0.5887 | LCC = 0.6560 | SRCC = 0.6251 ] [SYS][ MSE = 0.1554 | LCC = 0.9796 | SRCC = 0.9487 ]
[Test(best)][61][UTT][ GML = 0.277911 | AML = 0.418962 | MoV = 0.331535 | VoV = 0.002282 ] [SYS][ GML = 0.000000 | AML = 0.005425 | MoV = 0.002779 | VoV = 0.000004 ]
Test(last): 100% 4000/4000 [00:20<00:00, 197.54 step/s]

[Test(last)][61][UTT][ MSE = 0.5284 | LCC = 0.6337 | SRCC = 0.6055 ] [SYS][ MSE = 0.0540 | LCC = 0.9684 | SRCC = 0.9419 ]
[Test(last)][61][UTT][ GML = 0.250196 | AML = 0.465285 | MoV = 0.218702 | VoV = 0.001320 ] [SYS][ GML = 0.000001 | AML = 0.801144 | MoV = 0.001789 | VoV = 0.000001 ]
(lxygpu) [x_xlian@node035 ProMOSNet]$ client_loop: send disconnect: Broken pipe
lxy@Hope-Liang-MBA ProMOSNet %
```