```
(lxygpu) [x_xlian@node013 ProMOSNet]$ python train.py --lamb_c=0.5 --lamb_t=0 --save_path "runs/c5e-1-t0/run4"
Loading all wav files.
100%|████████████████████████████████████████████████████████████████████████████████| 54040/54040 [07:50<00:00, 114.94it/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, 28.86it/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 [02:19<00:00, 28.59it/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 [04:03<00:00,  3.46 step/s]
Average loss=11591.7666015625
Valid(teacher): 100% 3000/3000 [00:15<00:00, 190.06 step/s]

[Valid(teacher)][0][UTT][ MSE = 1.4813 | LCC = 0.5164 | SRCC = 0.4887 ] [SYS][ MSE = 1.2242 | LCC = 0.8559 | SRCC = 0.8126 ]
[Valid(teacher)][0][UTT][ GML = 0.132297 | AML = 0.258025 | MoV = 0.516062 | VoV = 0.007307 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.006052 | VoV = 0.000027 ]
Train: 100% 845/845 [05:33<00:00,  2.54 step/s]
Average loss=0.3176688849925995
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.04 step/s]

[Valid(teacher)][1][UTT][ MSE = 2.0885 | LCC = 0.5592 | SRCC = 0.5205 ] [SYS][ MSE = 1.7247 | LCC = 0.9226 | SRCC = 0.8680 ]
[Valid(teacher)][1][UTT][ GML = 0.019551 | AML = 0.175615 | MoV = 0.356781 | VoV = 0.013931 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004431 | VoV = 0.000021 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.27255234122276306
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.07 step/s]

[Valid(teacher)][2][UTT][ MSE = 1.9752 | LCC = 0.5814 | SRCC = 0.5384 ] [SYS][ MSE = 1.6008 | LCC = 0.9417 | SRCC = 0.8762 ]
[Valid(teacher)][2][UTT][ GML = 0.016429 | AML = 0.183156 | MoV = 0.340459 | VoV = 0.014360 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004235 | VoV = 0.000020 ]
Train: 100% 845/845 [03:35<00:00,  3.93 step/s]
Average loss=0.24436475336551666
Valid(teacher): 100% 3000/3000 [00:20<00:00, 148.30 step/s]

[Valid(teacher)][3][UTT][ MSE = 2.1059 | LCC = 0.5951 | SRCC = 0.5513 ] [SYS][ MSE = 1.7500 | LCC = 0.9538 | SRCC = 0.8858 ]
[Valid(teacher)][3][UTT][ GML = 0.011378 | AML = 0.165311 | MoV = 0.322328 | VoV = 0.012377 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004006 | VoV = 0.000018 ]
Train: 100% 845/845 [03:34<00:00,  3.94 step/s]
Average loss=0.22486647963523865
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.29 step/s]

[Valid(teacher)][4][UTT][ MSE = 1.7986 | LCC = 0.6026 | SRCC = 0.5582 ] [SYS][ MSE = 1.4384 | LCC = 0.9612 | SRCC = 0.8920 ]
[Valid(teacher)][4][UTT][ GML = 0.031007 | AML = 0.201696 | MoV = 0.344929 | VoV = 0.010755 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004213 | VoV = 0.000018 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.21023859083652496
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.17 step/s]

[Valid(teacher)][5][UTT][ MSE = 1.9018 | LCC = 0.6055 | SRCC = 0.5613 ] [SYS][ MSE = 1.5472 | LCC = 0.9629 | SRCC = 0.9063 ]
[Valid(teacher)][5][UTT][ GML = 0.023868 | AML = 0.188472 | MoV = 0.333022 | VoV = 0.010657 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004101 | VoV = 0.000017 ]
Train: 100% 845/845 [05:24<00:00,  2.60 step/s]
Average loss=0.1969391107559204
Valid(teacher): 100% 3000/3000 [00:15<00:00, 190.04 step/s]

[Valid(teacher)][6][UTT][ MSE = 1.9288 | LCC = 0.6079 | SRCC = 0.5645 ] [SYS][ MSE = 1.5830 | LCC = 0.9636 | SRCC = 0.9077 ]
[Valid(teacher)][6][UTT][ GML = 0.024527 | AML = 0.186042 | MoV = 0.331043 | VoV = 0.009993 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004077 | VoV = 0.000017 ]
Train: 100% 845/845 [03:25<00:00,  4.11 step/s]
Average loss=0.18198946118354797
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.20 step/s]

[Valid(teacher)][7][UTT][ MSE = 1.7785 | LCC = 0.6142 | SRCC = 0.5721 ] [SYS][ MSE = 1.4268 | LCC = 0.9658 | SRCC = 0.8940 ]
[Valid(teacher)][7][UTT][ GML = 0.037945 | AML = 0.204919 | MoV = 0.339119 | VoV = 0.009087 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004149 | VoV = 0.000017 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=0.17119579017162323
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.19 step/s]

[Valid(teacher)][8][UTT][ MSE = 1.4648 | LCC = 0.6190 | SRCC = 0.5799 ] [SYS][ MSE = 1.0914 | LCC = 0.9679 | SRCC = 0.8947 ]
[Valid(teacher)][8][UTT][ GML = 0.074984 | AML = 0.248302 | MoV = 0.357427 | VoV = 0.007707 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004298 | VoV = 0.000016 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=0.15844011306762695
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.25 step/s]

[Valid(teacher)][9][UTT][ MSE = 1.4111 | LCC = 0.6180 | SRCC = 0.5810 ] [SYS][ MSE = 1.0325 | LCC = 0.9677 | SRCC = 0.9015 ]
[Valid(teacher)][9][UTT][ GML = 0.082851 | AML = 0.256933 | MoV = 0.356781 | VoV = 0.007092 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004271 | VoV = 0.000015 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=0.14722083508968353
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.45 step/s]

[Valid(teacher)][10][UTT][ MSE = 1.2489 | LCC = 0.6205 | SRCC = 0.5864 ] [SYS][ MSE = 0.8627 | LCC = 0.9689 | SRCC = 0.9084 ]
[Valid(teacher)][10][UTT][ GML = 0.111819 | AML = 0.282382 | MoV = 0.363302 | VoV = 0.006114 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004305 | VoV = 0.000014 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.13721831142902374
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.37 step/s]

[Valid(teacher)][11][UTT][ MSE = 1.0735 | LCC = 0.6273 | SRCC = 0.5965 ] [SYS][ MSE = 0.6740 | LCC = 0.9711 | SRCC = 0.9173 ]
[Valid(teacher)][11][UTT][ GML = 0.149101 | AML = 0.310266 | MoV = 0.370581 | VoV = 0.005097 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004337 | VoV = 0.000013 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=0.12240160256624222
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.88 step/s]

[Valid(teacher)][12][UTT][ MSE = 1.0521 | LCC = 0.6275 | SRCC = 0.5983 ] [SYS][ MSE = 0.6519 | LCC = 0.9724 | SRCC = 0.9323 ]
[Valid(teacher)][12][UTT][ GML = 0.152426 | AML = 0.314232 | MoV = 0.364071 | VoV = 0.004653 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004254 | VoV = 0.000012 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=0.1106601133942604
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.79 step/s]

[Valid(teacher)][13][UTT][ MSE = 0.9981 | LCC = 0.6280 | SRCC = 0.6010 ] [SYS][ MSE = 0.5912 | LCC = 0.9728 | SRCC = 0.9357 ]
[Valid(teacher)][13][UTT][ GML = 0.163415 | AML = 0.323835 | MoV = 0.360207 | VoV = 0.004226 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004192 | VoV = 0.000011 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=0.10407502949237823
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.37 step/s]

[Valid(teacher)][14][UTT][ MSE = 0.9416 | LCC = 0.6289 | SRCC = 0.6038 ] [SYS][ MSE = 0.5296 | LCC = 0.9733 | SRCC = 0.9268 ]
[Valid(teacher)][14][UTT][ GML = 0.177466 | AML = 0.334008 | MoV = 0.358785 | VoV = 0.003525 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004149 | VoV = 0.000011 ]
Train: 100% 845/845 [04:52<00:00,  2.89 step/s]
Average loss=0.09515106678009033
Valid(teacher): 100% 3000/3000 [00:15<00:00, 188.92 step/s]

[Valid(teacher)][15][UTT][ MSE = 0.9314 | LCC = 0.6264 | SRCC = 0.6022 ] [SYS][ MSE = 0.5204 | LCC = 0.9740 | SRCC = 0.9221 ]
[Valid(teacher)][15][UTT][ GML = 0.179063 | AML = 0.336732 | MoV = 0.354007 | VoV = 0.003066 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004080 | VoV = 0.000010 ]
Train: 100% 845/845 [03:40<00:00,  3.83 step/s]
Average loss=0.0813436284661293
Valid(teacher): 100% 3000/3000 [00:16<00:00, 185.09 step/s]

[Valid(teacher)][16][UTT][ MSE = 0.9147 | LCC = 0.6228 | SRCC = 0.5980 ] [SYS][ MSE = 0.4984 | LCC = 0.9745 | SRCC = 0.9289 ]
[Valid(teacher)][16][UTT][ GML = 0.181163 | AML = 0.340504 | MoV = 0.348962 | VoV = 0.002842 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004016 | VoV = 0.000009 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=0.07448996603488922
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.93 step/s]

[Valid(teacher)][17][UTT][ MSE = 0.9203 | LCC = 0.6214 | SRCC = 0.5964 ] [SYS][ MSE = 0.5047 | LCC = 0.9745 | SRCC = 0.9221 ]
[Valid(teacher)][17][UTT][ GML = 0.177622 | AML = 0.340066 | MoV = 0.344342 | VoV = 0.002922 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003964 | VoV = 0.000009 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=0.06468901038169861
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.72 step/s]

[Valid(teacher)][18][UTT][ MSE = 0.8726 | LCC = 0.6237 | SRCC = 0.5975 ] [SYS][ MSE = 0.4491 | LCC = 0.9753 | SRCC = 0.9255 ]
[Valid(teacher)][18][UTT][ GML = 0.188551 | AML = 0.349404 | MoV = 0.341243 | VoV = 0.002786 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003911 | VoV = 0.000009 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.05546535140514374
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.69 step/s]

[Valid(teacher)][19][UTT][ MSE = 0.8935 | LCC = 0.6242 | SRCC = 0.5984 ] [SYS][ MSE = 0.4696 | LCC = 0.9755 | SRCC = 0.9289 ]
[Valid(teacher)][19][UTT][ GML = 0.179553 | AML = 0.346298 | MoV = 0.334716 | VoV = 0.002901 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003840 | VoV = 0.000009 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
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Average loss=0.04345100000500679
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.68 step/s]

[Valid(teacher)][20][UTT][ MSE = 0.8807 | LCC = 0.6235 | SRCC = 0.5971 ] [SYS][ MSE = 0.4541 | LCC = 0.9758 | SRCC = 0.9309 ]
[Valid(teacher)][20][UTT][ GML = 0.180223 | AML = 0.349571 | MoV = 0.328246 | VoV = 0.002656 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003763 | VoV = 0.000008 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.03659756109184616
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.60 step/s]

[Valid(teacher)][21][UTT][ MSE = 0.8480 | LCC = 0.6229 | SRCC = 0.5957 ] [SYS][ MSE = 0.4151 | LCC = 0.9760 | SRCC = 0.9296 ]
[Valid(teacher)][21][UTT][ GML = 0.187020 | AML = 0.357031 | MoV = 0.324108 | VoV = 0.002625 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003708 | VoV = 0.000008 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.03126025724191666
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.57 step/s]

[Valid(teacher)][22][UTT][ MSE = 0.8825 | LCC = 0.6197 | SRCC = 0.5942 ] [SYS][ MSE = 0.4503 | LCC = 0.9760 | SRCC = 0.9296 ]
[Valid(teacher)][22][UTT][ GML = 0.174821 | AML = 0.350590 | MoV = 0.319103 | VoV = 0.002509 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003658 | VoV = 0.000008 ]
Train: 100% 845/845 [03:31<00:00,  3.99 step/s]
Average loss=0.02294585295021534
Valid(teacher): 100% 3000/3000 [00:19<00:00, 152.38 step/s]

[Valid(teacher)][23][UTT][ MSE = 0.9320 | LCC = 0.6185 | SRCC = 0.5936 ] [SYS][ MSE = 0.5028 | LCC = 0.9767 | SRCC = 0.9323 ]
[Valid(teacher)][23][UTT][ GML = 0.158043 | AML = 0.341075 | MoV = 0.313590 | VoV = 0.002700 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003614 | VoV = 0.000008 ]
Train: 100% 845/845 [06:53<00:00,  2.04 step/s]
Average loss=0.01133661437779665
Valid(teacher): 100% 3000/3000 [00:21<00:00, 140.40 step/s]

[Valid(teacher)][24][UTT][ MSE = 0.8689 | LCC = 0.6227 | SRCC = 0.5955 ] [SYS][ MSE = 0.4339 | LCC = 0.9770 | SRCC = 0.9330 ]
[Valid(teacher)][24][UTT][ GML = 0.172445 | AML = 0.354537 | MoV = 0.310395 | VoV = 0.002624 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003564 | VoV = 0.000007 ]
Train: 100% 845/845 [03:44<00:00,  3.76 step/s]
Average loss=0.0010664442088454962
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.34 step/s]

[Valid(teacher)][25][UTT][ MSE = 0.9007 | LCC = 0.6220 | SRCC = 0.5953 ] [SYS][ MSE = 0.4633 | LCC = 0.9778 | SRCC = 0.9357 ]
[Valid(teacher)][25][UTT][ GML = 0.160276 | AML = 0.348304 | MoV = 0.305091 | VoV = 0.002680 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003510 | VoV = 0.000007 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=-0.007288348861038685
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.02 step/s]

[Valid(teacher)][26][UTT][ MSE = 0.8706 | LCC = 0.6223 | SRCC = 0.5950 ] [SYS][ MSE = 0.4303 | LCC = 0.9783 | SRCC = 0.9391 ]
[Valid(teacher)][26][UTT][ GML = 0.167185 | AML = 0.354789 | MoV = 0.302998 | VoV = 0.002670 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003472 | VoV = 0.000007 ]
Train: 100% 845/845 [03:27<00:00,  4.08 step/s]
Average loss=-0.010919054970145226
Valid(teacher): 100% 3000/3000 [00:17<00:00, 175.24 step/s]

[Valid(teacher)][27][UTT][ MSE = 0.8645 | LCC = 0.6213 | SRCC = 0.5937 ] [SYS][ MSE = 0.4205 | LCC = 0.9788 | SRCC = 0.9405 ]
[Valid(teacher)][27][UTT][ GML = 0.167030 | AML = 0.357227 | MoV = 0.300102 | VoV = 0.002698 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003444 | VoV = 0.000007 ]
Train: 100% 845/845 [03:29<00:00,  4.03 step/s]
Average loss=-0.023963920772075653
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.41 step/s]

[Valid(teacher)][28][UTT][ MSE = 0.8711 | LCC = 0.6214 | SRCC = 0.5937 ] [SYS][ MSE = 0.4266 | LCC = 0.9786 | SRCC = 0.9391 ]
[Valid(teacher)][28][UTT][ GML = 0.161362 | AML = 0.356705 | MoV = 0.293548 | VoV = 0.002654 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003376 | VoV = 0.000007 ]
Train: 100% 845/845 [05:22<00:00,  2.62 step/s]
Average loss=-0.026434276252985
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.34 step/s]

[Valid(teacher)][29][UTT][ MSE = 0.8043 | LCC = 0.6261 | SRCC = 0.5972 ] [SYS][ MSE = 0.3554 | LCC = 0.9793 | SRCC = 0.9474 ]
[Valid(teacher)][29][UTT][ GML = 0.179616 | AML = 0.371128 | MoV = 0.291926 | VoV = 0.002617 ] [SYS][ GML = 0.000000 | AML = 0.000001 | MoV = 0.003341 | VoV = 0.000006 ]
Train: 100% 845/845 [03:29<00:00,  4.04 step/s]
Average loss=-0.03699250519275665
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.74 step/s]

[Valid(teacher)][30][UTT][ MSE = 0.8179 | LCC = 0.6278 | SRCC = 0.5984 ] [SYS][ MSE = 0.3731 | LCC = 0.9798 | SRCC = 0.9446 ]
[Valid(teacher)][30][UTT][ GML = 0.173574 | AML = 0.368157 | MoV = 0.289003 | VoV = 0.002592 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003312 | VoV = 0.000006 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=-0.05438805744051933
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.02 step/s]

[Valid(teacher)][31][UTT][ MSE = 0.7750 | LCC = 0.6284 | SRCC = 0.5985 ] [SYS][ MSE = 0.3280 | LCC = 0.9794 | SRCC = 0.9405 ]
[Valid(teacher)][31][UTT][ GML = 0.184907 | AML = 0.378242 | MoV = 0.284127 | VoV = 0.002354 ] [SYS][ GML = 0.000000 | AML = 0.000002 | MoV = 0.003244 | VoV = 0.000006 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=-0.0599406398832798
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.20 step/s]

[Valid(teacher)][32][UTT][ MSE = 0.7439 | LCC = 0.6288 | SRCC = 0.5980 ] [SYS][ MSE = 0.2962 | LCC = 0.9798 | SRCC = 0.9405 ]
[Valid(teacher)][32][UTT][ GML = 0.192841 | AML = 0.386224 | MoV = 0.280089 | VoV = 0.002286 ] [SYS][ GML = 0.000000 | AML = 0.000008 | MoV = 0.003194 | VoV = 0.000006 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.0677817091345787
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.13 step/s]

[Valid(teacher)][33][UTT][ MSE = 0.6951 | LCC = 0.6326 | SRCC = 0.6020 ] [SYS][ MSE = 0.2445 | LCC = 0.9807 | SRCC = 0.9453 ]
[Valid(teacher)][33][UTT][ GML = 0.209194 | AML = 0.398631 | MoV = 0.277905 | VoV = 0.002267 ] [SYS][ GML = 0.000000 | AML = 0.000310 | MoV = 0.003159 | VoV = 0.000005 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.07512147724628448
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.85 step/s]

[Valid(teacher)][34][UTT][ MSE = 0.7413 | LCC = 0.6305 | SRCC = 0.6007 ] [SYS][ MSE = 0.2915 | LCC = 0.9815 | SRCC = 0.9562 ]
[Valid(teacher)][34][UTT][ GML = 0.188357 | AML = 0.388029 | MoV = 0.273746 | VoV = 0.002378 ] [SYS][ GML = 0.000000 | AML = 0.000007 | MoV = 0.003132 | VoV = 0.000006 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=-0.07747046649456024
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.92 step/s]

[Valid(teacher)][35][UTT][ MSE = 0.7141 | LCC = 0.6296 | SRCC = 0.5989 ] [SYS][ MSE = 0.2657 | LCC = 0.9799 | SRCC = 0.9460 ]
[Valid(teacher)][35][UTT][ GML = 0.194927 | AML = 0.395955 | MoV = 0.268889 | VoV = 0.002308 ] [SYS][ GML = 0.000000 | AML = 0.000018 | MoV = 0.003073 | VoV = 0.000005 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.0861571803689003
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.21 step/s]

[Valid(teacher)][36][UTT][ MSE = 0.7052 | LCC = 0.6295 | SRCC = 0.5984 ] [SYS][ MSE = 0.2562 | LCC = 0.9799 | SRCC = 0.9487 ]
[Valid(teacher)][36][UTT][ GML = 0.196264 | AML = 0.398974 | MoV = 0.266135 | VoV = 0.002271 ] [SYS][ GML = 0.000000 | AML = 0.000068 | MoV = 0.003036 | VoV = 0.000005 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.09341626614332199
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.73 step/s]

[Valid(teacher)][37][UTT][ MSE = 0.6861 | LCC = 0.6316 | SRCC = 0.6004 ] [SYS][ MSE = 0.2355 | LCC = 0.9797 | SRCC = 0.9371 ]
[Valid(teacher)][37][UTT][ GML = 0.202399 | AML = 0.404472 | MoV = 0.264088 | VoV = 0.002185 ] [SYS][ GML = 0.000000 | AML = 0.000263 | MoV = 0.003011 | VoV = 0.000005 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=-0.10056104511022568
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.64 step/s]

[Valid(teacher)][38][UTT][ MSE = 0.6746 | LCC = 0.6328 | SRCC = 0.6017 ] [SYS][ MSE = 0.2229 | LCC = 0.9807 | SRCC = 0.9521 ]
[Valid(teacher)][38][UTT][ GML = 0.205910 | AML = 0.407269 | MoV = 0.262855 | VoV = 0.002198 ] [SYS][ GML = 0.000000 | AML = 0.000900 | MoV = 0.002991 | VoV = 0.000005 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.10838722437620163
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.10 step/s]

[Valid(teacher)][39][UTT][ MSE = 0.6993 | LCC = 0.6312 | SRCC = 0.5998 ] [SYS][ MSE = 0.2466 | LCC = 0.9803 | SRCC = 0.9460 ]
[Valid(teacher)][39][UTT][ GML = 0.190863 | AML = 0.402352 | MoV = 0.256652 | VoV = 0.002256 ] [SYS][ GML = 0.000000 | AML = 0.000141 | MoV = 0.002933 | VoV = 0.000005 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.11624989658594131
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.99 step/s]

[Valid(teacher)][40][UTT][ MSE = 0.6694 | LCC = 0.6323 | SRCC = 0.6007 ] [SYS][ MSE = 0.2148 | LCC = 0.9798 | SRCC = 0.9378 ]
[Valid(teacher)][40][UTT][ GML = 0.201779 | AML = 0.411313 | MoV = 0.255659 | VoV = 0.002271 ] [SYS][ GML = 0.000000 | AML = 0.000517 | MoV = 0.002908 | VoV = 0.000005 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.11618881672620773
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.21 step/s]

[Valid(teacher)][41][UTT][ MSE = 0.6594 | LCC = 0.6315 | SRCC = 0.6006 ] [SYS][ MSE = 0.2027 | LCC = 0.9801 | SRCC = 0.9480 ]
[Valid(teacher)][41][UTT][ GML = 0.207013 | AML = 0.413664 | MoV = 0.256134 | VoV = 0.002226 ] [SYS][ GML = 0.000000 | AML = 0.002829 | MoV = 0.002907 | VoV = 0.000005 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=-0.12610018253326416
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.00 step/s]

[Valid(teacher)][42][UTT][ MSE = 0.6294 | LCC = 0.6324 | SRCC = 0.6012 ] [SYS][ MSE = 0.1724 | LCC = 0.9805 | SRCC = 0.9535 ]
[Valid(teacher)][42][UTT][ GML = 0.219494 | AML = 0.422760 | MoV = 0.254286 | VoV = 0.002134 ] [SYS][ GML = 0.000000 | AML = 0.012296 | MoV = 0.002877 | VoV = 0.000004 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.13366401195526123
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.46 step/s]

[Valid(teacher)][43][UTT][ MSE = 0.6042 | LCC = 0.6341 | SRCC = 0.6027 ] [SYS][ MSE = 0.1454 | LCC = 0.9814 | SRCC = 0.9528 ]
[Valid(teacher)][43][UTT][ GML = 0.229401 | AML = 0.430341 | MoV = 0.252477 | VoV = 0.002150 ] [SYS][ GML = 0.000000 | AML = 0.049105 | MoV = 0.002857 | VoV = 0.000004 ]
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Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.14140242338180542
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.00 step/s]

[Valid(teacher)][44][UTT][ MSE = 0.5671 | LCC = 0.6358 | SRCC = 0.6043 ] [SYS][ MSE = 0.1056 | LCC = 0.9821 | SRCC = 0.9603 ]
[Valid(teacher)][44][UTT][ GML = 0.246168 | AML = 0.441751 | MoV = 0.251056 | VoV = 0.002155 ] [SYS][ GML = 0.000000 | AML = 0.272328 | MoV = 0.002831 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=-0.15265575051307678
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.56 step/s]

[Valid(teacher)][45][UTT][ MSE = 0.5961 | LCC = 0.6326 | SRCC = 0.6018 ] [SYS][ MSE = 0.1376 | LCC = 0.9816 | SRCC = 0.9576 ]
[Valid(teacher)][45][UTT][ GML = 0.228786 | AML = 0.433885 | MoV = 0.246854 | VoV = 0.002103 ] [SYS][ GML = 0.000000 | AML = 0.086526 | MoV = 0.002800 | VoV = 0.000004 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.14828573167324066
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.93 step/s]

[Valid(teacher)][46][UTT][ MSE = 0.5596 | LCC = 0.6339 | SRCC = 0.6025 ] [SYS][ MSE = 0.1016 | LCC = 0.9824 | SRCC = 0.9638 ]
[Valid(teacher)][46][UTT][ GML = 0.248541 | AML = 0.443759 | MoV = 0.247310 | VoV = 0.001981 ] [SYS][ GML = 0.000000 | AML = 0.438117 | MoV = 0.002791 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.1551695317029953
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.23 step/s]

[Valid(teacher)][47][UTT][ MSE = 0.5531 | LCC = 0.6348 | SRCC = 0.6032 ] [SYS][ MSE = 0.0933 | LCC = 0.9824 | SRCC = 0.9644 ]
[Valid(teacher)][47][UTT][ GML = 0.249662 | AML = 0.446998 | MoV = 0.244508 | VoV = 0.002003 ] [SYS][ GML = 0.000000 | AML = 0.544156 | MoV = 0.002757 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.16683010756969452
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.33 step/s]

[Valid(teacher)][48][UTT][ MSE = 0.5894 | LCC = 0.6315 | SRCC = 0.5998 ] [SYS][ MSE = 0.1306 | LCC = 0.9819 | SRCC = 0.9549 ]
[Valid(teacher)][48][UTT][ GML = 0.228352 | AML = 0.437345 | MoV = 0.241143 | VoV = 0.002037 ] [SYS][ GML = 0.000000 | AML = 0.152749 | MoV = 0.002730 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=-0.16933433711528778
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.11 step/s]

[Valid(teacher)][49][UTT][ MSE = 0.5813 | LCC = 0.6323 | SRCC = 0.6011 ] [SYS][ MSE = 0.1244 | LCC = 0.9821 | SRCC = 0.9583 ]
[Valid(teacher)][49][UTT][ GML = 0.231697 | AML = 0.440197 | MoV = 0.239675 | VoV = 0.001926 ] [SYS][ GML = 0.000000 | AML = 0.190256 | MoV = 0.002714 | VoV = 0.000004 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=-0.1783829927444458
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.82 step/s]

[Valid(teacher)][50][UTT][ MSE = 0.5812 | LCC = 0.6321 | SRCC = 0.6007 ] [SYS][ MSE = 0.1226 | LCC = 0.9812 | SRCC = 0.9487 ]
[Valid(teacher)][50][UTT][ GML = 0.226016 | AML = 0.442573 | MoV = 0.232654 | VoV = 0.001848 ] [SYS][ GML = 0.000000 | AML = 0.158023 | MoV = 0.002638 | VoV = 0.000004 ]
Train: 100% 845/845 [04:13<00:00,  3.33 step/s]
Average loss=-0.18533410131931305
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.97 step/s]

[Valid(teacher)][51][UTT][ MSE = 0.5764 | LCC = 0.6321 | SRCC = 0.6013 ] [SYS][ MSE = 0.1187 | LCC = 0.9813 | SRCC = 0.9521 ]
[Valid(teacher)][51][UTT][ GML = 0.225791 | AML = 0.445220 | MoV = 0.229757 | VoV = 0.001801 ] [SYS][ GML = 0.000000 | AML = 0.234034 | MoV = 0.002606 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.18272903561592102
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.46 step/s]

[Valid(teacher)][52][UTT][ MSE = 0.5665 | LCC = 0.6316 | SRCC = 0.6005 ] [SYS][ MSE = 0.1082 | LCC = 0.9814 | SRCC = 0.9521 ]
[Valid(teacher)][52][UTT][ GML = 0.231054 | AML = 0.448232 | MoV = 0.229297 | VoV = 0.001736 ] [SYS][ GML = 0.000000 | AML = 0.415616 | MoV = 0.002596 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=-0.19325663149356842
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.10 step/s]

[Valid(teacher)][53][UTT][ MSE = 0.5371 | LCC = 0.6331 | SRCC = 0.6012 ] [SYS][ MSE = 0.0807 | LCC = 0.9814 | SRCC = 0.9590 ]
[Valid(teacher)][53][UTT][ GML = 0.244728 | AML = 0.456642 | MoV = 0.227519 | VoV = 0.001779 ] [SYS][ GML = 0.000000 | AML = 0.722331 | MoV = 0.002571 | VoV = 0.000003 ]
Train: 100% 845/845 [03:26<00:00,  4.10 step/s]
Average loss=-0.1990441083908081
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.56 step/s]

[Valid(teacher)][54][UTT][ MSE = 0.5296 | LCC = 0.6334 | SRCC = 0.6009 ] [SYS][ MSE = 0.0725 | LCC = 0.9816 | SRCC = 0.9590 ]
[Valid(teacher)][54][UTT][ GML = 0.246334 | AML = 0.459596 | MoV = 0.224580 | VoV = 0.001760 ] [SYS][ GML = 0.000001 | AML = 0.808578 | MoV = 0.002537 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=-0.20780013501644135
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.40 step/s]

[Valid(teacher)][55][UTT][ MSE = 0.5164 | LCC = 0.6341 | SRCC = 0.6020 ] [SYS][ MSE = 0.0585 | LCC = 0.9811 | SRCC = 0.9501 ]
[Valid(teacher)][55][UTT][ GML = 0.252198 | AML = 0.464384 | MoV = 0.222298 | VoV = 0.001729 ] [SYS][ GML = 0.000044 | AML = 1.127378 | MoV = 0.002507 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.2115374654531479
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.24 step/s]

[Valid(teacher)][56][UTT][ MSE = 0.5116 | LCC = 0.6336 | SRCC = 0.6017 ] [SYS][ MSE = 0.0518 | LCC = 0.9816 | SRCC = 0.9583 ]
[Valid(teacher)][56][UTT][ GML = 0.253650 | AML = 0.466153 | MoV = 0.220610 | VoV = 0.001714 ] [SYS][ GML = 0.000204 | AML = 1.207844 | MoV = 0.002484 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.21723221242427826
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.86 step/s]

[Valid(teacher)][57][UTT][ MSE = 0.5113 | LCC = 0.6342 | SRCC = 0.6030 ] [SYS][ MSE = 0.0543 | LCC = 0.9811 | SRCC = 0.9583 ]
[Valid(teacher)][57][UTT][ GML = 0.251724 | AML = 0.467132 | MoV = 0.218471 | VoV = 0.001706 ] [SYS][ GML = 0.000120 | AML = 1.164713 | MoV = 0.002462 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.22211119532585144
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.06 step/s]

[Valid(teacher)][58][UTT][ MSE = 0.5082 | LCC = 0.6340 | SRCC = 0.6029 ] [SYS][ MSE = 0.0513 | LCC = 0.9812 | SRCC = 0.9617 ]
[Valid(teacher)][58][UTT][ GML = 0.252019 | AML = 0.468429 | MoV = 0.215672 | VoV = 0.001621 ] [SYS][ GML = 0.000245 | AML = 1.267729 | MoV = 0.002431 | VoV = 0.000003 ]
Train: 100% 845/845 [03:43<00:00,  3.78 step/s]
Average loss=-0.2285147607325076
Valid(teacher): 100% 3000/3000 [00:23<00:00, 126.52 step/s]

[Valid(teacher)][59][UTT][ MSE = 0.5167 | LCC = 0.6321 | SRCC = 0.6009 ] [SYS][ MSE = 0.0595 | LCC = 0.9807 | SRCC = 0.9638 ]
[Valid(teacher)][59][UTT][ GML = 0.245041 | AML = 0.467080 | MoV = 0.213629 | VoV = 0.001633 ] [SYS][ GML = 0.000033 | AML = 1.047301 | MoV = 0.002410 | VoV = 0.000003 ]
Train: 100% 845/845 [07:36<00:00,  1.85 step/s]
Average loss=-0.2348017455310822
Valid(teacher): 100% 3000/3000 [00:19<00:00, 154.87 step/s]

[Valid(teacher)][60][UTT][ MSE = 0.5164 | LCC = 0.6294 | SRCC = 0.5987 ] [SYS][ MSE = 0.0575 | LCC = 0.9801 | SRCC = 0.9569 ]
[Valid(teacher)][60][UTT][ GML = 0.243534 | AML = 0.467994 | MoV = 0.211409 | VoV = 0.001569 ] [SYS][ GML = 0.000062 | AML = 1.262971 | MoV = 0.002385 | 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, 184.64 step/s]

[Test(best)][61][UTT][ MSE = 0.5482 | LCC = 0.6477 | SRCC = 0.6121 ] [SYS][ MSE = 0.0856 | LCC = 0.9837 | SRCC = 0.9583 ]
[Test(best)][61][UTT][ GML = 0.254484 | AML = 0.450664 | MoV = 0.251059 | VoV = 0.002123 ] [SYS][ GML = 0.000000 | AML = 0.314466 | MoV = 0.002061 | VoV = 0.000002 ]
Test(last): 100% 4000/4000 [00:19<00:00, 201.34 step/s]

[Test(last)][61][UTT][ MSE = 0.5070 | LCC = 0.6401 | SRCC = 0.6073 ] [SYS][ MSE = 0.0465 | LCC = 0.9787 | SRCC = 0.9467 ]
[Test(last)][61][UTT][ GML = 0.248250 | AML = 0.475001 | MoV = 0.211694 | VoV = 0.001571 ] [SYS][ GML = 0.000038 | AML = 1.163986 | MoV = 0.001734 | VoV = 0.000001 ]
(lxygpu) [x_xlian@node013 ProMOSNet]$ client_loop: send disconnect: Broken pipe
lxy@Hope-Liang-MBA ProMOSNet %
```