```
(lxygpu) [x_xlian@node021 ProMOSNet]$ python train.py --lamb_c=0.25 --lamb_t=0.25 --save_path "run9/"
Loading all wav files.
100%|████████████████████████████████████████████████████████████████████████████████████████████| 54040/54040 [08:00<00:00, 112.56it/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 [01:46<00:00, 28.27it/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, 27.51it/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 [03:53<00:00,  3.61 step/s]
Average loss=28452.685546875
Valid(teacher): 100% 3000/3000 [00:15<00:00, 188.34 step/s]

[Valid(teacher)][0][UTT][ MSE = 1.5685 | LCC = 0.5155 | SRCC = 0.4861 ] [SYS][ MSE = 1.2959 | LCC = 0.8734 | SRCC = 0.8591 ]
[Valid(teacher)][0][UTT][ GML = 0.116203 | AML = 0.246537 | MoV = 0.508280 | VoV = 0.007861 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.005966 | VoV = 0.000027 ]
Train: 100% 845/845 [03:57<00:00,  3.56 step/s]
Average loss=0.34663787484169006
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.44 step/s]

[Valid(teacher)][1][UTT][ MSE = 2.3797 | LCC = 0.5716 | SRCC = 0.5323 ] [SYS][ MSE = 2.0290 | LCC = 0.9252 | SRCC = 0.8940 ]
[Valid(teacher)][1][UTT][ GML = 0.003536 | AML = 0.143873 | MoV = 0.315014 | VoV = 0.016356 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003972 | VoV = 0.000020 ]
Train: 100% 845/845 [03:57<00:00,  3.56 step/s]
Average loss=0.29132315516471863
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.53 step/s]

[Valid(teacher)][2][UTT][ MSE = 2.3385 | LCC = 0.5902 | SRCC = 0.5480 ] [SYS][ MSE = 1.9491 | LCC = 0.9436 | SRCC = 0.8974 ]
[Valid(teacher)][2][UTT][ GML = 0.002031 | AML = 0.144862 | MoV = 0.299428 | VoV = 0.015597 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003783 | VoV = 0.000018 ]
Train: 100% 845/845 [03:37<00:00,  3.89 step/s]
Average loss=0.2602856755256653
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.87 step/s]

[Valid(teacher)][3][UTT][ MSE = 2.2438 | LCC = 0.6053 | SRCC = 0.5652 ] [SYS][ MSE = 1.8580 | LCC = 0.9482 | SRCC = 0.9145 ]
[Valid(teacher)][3][UTT][ GML = 0.004025 | AML = 0.151341 | MoV = 0.316471 | VoV = 0.015889 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003989 | VoV = 0.000019 ]
Train: 100% 845/845 [04:15<00:00,  3.30 step/s]
Average loss=0.2380712926387787
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.22 step/s]

[Valid(teacher)][4][UTT][ MSE = 1.6377 | LCC = 0.6196 | SRCC = 0.5776 ] [SYS][ MSE = 1.2330 | LCC = 0.9600 | SRCC = 0.9248 ]
[Valid(teacher)][4][UTT][ GML = 0.037646 | AML = 0.219495 | MoV = 0.364688 | VoV = 0.012989 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004439 | VoV = 0.000019 ]
Train: 100% 845/845 [03:21<00:00,  4.18 step/s]
Average loss=0.21402642130851746
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.67 step/s]

[Valid(teacher)][5][UTT][ MSE = 1.5269 | LCC = 0.6257 | SRCC = 0.5838 ] [SYS][ MSE = 1.1217 | LCC = 0.9623 | SRCC = 0.9323 ]
[Valid(teacher)][5][UTT][ GML = 0.050305 | AML = 0.233889 | MoV = 0.365726 | VoV = 0.011508 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004420 | VoV = 0.000017 ]
Train: 100% 845/845 [03:50<00:00,  3.66 step/s]
Average loss=0.19617974758148193
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.38 step/s]

[Valid(teacher)][6][UTT][ MSE = 1.3330 | LCC = 0.6330 | SRCC = 0.5915 ] [SYS][ MSE = 0.9249 | LCC = 0.9645 | SRCC = 0.9296 ]
[Valid(teacher)][6][UTT][ GML = 0.079740 | AML = 0.263101 | MoV = 0.367488 | VoV = 0.009578 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004405 | VoV = 0.000016 ]
Train: 100% 845/845 [04:10<00:00,  3.37 step/s]
Average loss=0.17918935418128967
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.15 step/s]

[Valid(teacher)][7][UTT][ MSE = 0.7173 | LCC = 0.6509 | SRCC = 0.6120 ] [SYS][ MSE = 0.3037 | LCC = 0.9711 | SRCC = 0.9132 ]
[Valid(teacher)][7][UTT][ GML = 0.249644 | AML = 0.370835 | MoV = 0.416255 | VoV = 0.005984 ] [SYS][ GML = 0.000000 | AML = 0.000174 | MoV = 0.004769 | VoV = 0.000013 ]
Train: 100% 845/845 [03:26<00:00,  4.10 step/s]
Average loss=0.1657518744468689
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.85 step/s]

[Valid(teacher)][8][UTT][ MSE = 0.7155 | LCC = 0.6526 | SRCC = 0.6155 ] [SYS][ MSE = 0.3055 | LCC = 0.9725 | SRCC = 0.9193 ]
[Valid(teacher)][8][UTT][ GML = 0.250639 | AML = 0.372838 | MoV = 0.406842 | VoV = 0.005389 ] [SYS][ GML = 0.000000 | AML = 0.000084 | MoV = 0.004647 | VoV = 0.000012 ]
Train: 100% 845/845 [03:53<00:00,  3.61 step/s]
Average loss=0.14981834590435028
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.24 step/s]

[Valid(teacher)][9][UTT][ MSE = 0.7023 | LCC = 0.6515 | SRCC = 0.6159 ] [SYS][ MSE = 0.2912 | LCC = 0.9733 | SRCC = 0.9173 ]
[Valid(teacher)][9][UTT][ GML = 0.256463 | AML = 0.376569 | MoV = 0.402959 | VoV = 0.004677 ] [SYS][ GML = 0.000000 | AML = 0.000292 | MoV = 0.004594 | VoV = 0.000012 ]
Train: 100% 845/845 [03:57<00:00,  3.56 step/s]
Average loss=0.13487574458122253
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.40 step/s]

[Valid(teacher)][10][UTT][ MSE = 0.7396 | LCC = 0.6506 | SRCC = 0.6161 ] [SYS][ MSE = 0.3368 | LCC = 0.9743 | SRCC = 0.9125 ]
[Valid(teacher)][10][UTT][ GML = 0.243018 | AML = 0.370394 | MoV = 0.392102 | VoV = 0.004365 ] [SYS][ GML = 0.000000 | AML = 0.000008 | MoV = 0.004495 | VoV = 0.000012 ]
Train: 100% 845/845 [03:25<00:00,  4.11 step/s]
Average loss=0.12072688341140747
Valid(teacher): 100% 3000/3000 [00:47<00:00, 63.52 step/s]

[Valid(teacher)][11][UTT][ MSE = 0.6994 | LCC = 0.6506 | SRCC = 0.6172 ] [SYS][ MSE = 0.2907 | LCC = 0.9756 | SRCC = 0.9132 ]
[Valid(teacher)][11][UTT][ GML = 0.255129 | AML = 0.379611 | MoV = 0.386745 | VoV = 0.003925 ] [SYS][ GML = 0.000000 | AML = 0.000099 | MoV = 0.004419 | VoV = 0.000011 ]
Train: 100% 845/845 [03:33<00:00,  3.96 step/s]
Average loss=0.11298660188913345
Valid(teacher): 100% 3000/3000 [00:19<00:00, 156.90 step/s]

[Valid(teacher)][12][UTT][ MSE = 0.7221 | LCC = 0.6506 | SRCC = 0.6177 ] [SYS][ MSE = 0.3133 | LCC = 0.9774 | SRCC = 0.9207 ]
[Valid(teacher)][12][UTT][ GML = 0.245609 | AML = 0.375836 | MoV = 0.379779 | VoV = 0.003807 ] [SYS][ GML = 0.000000 | AML = 0.000012 | MoV = 0.004358 | VoV = 0.000011 ]
Train: 100% 845/845 [03:58<00:00,  3.54 step/s]
Average loss=0.09710479527711868
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.18 step/s]

[Valid(teacher)][13][UTT][ MSE = 0.7029 | LCC = 0.6491 | SRCC = 0.6152 ] [SYS][ MSE = 0.2889 | LCC = 0.9774 | SRCC = 0.9207 ]
[Valid(teacher)][13][UTT][ GML = 0.250460 | AML = 0.380832 | MoV = 0.374782 | VoV = 0.003528 ] [SYS][ GML = 0.000000 | AML = 0.000035 | MoV = 0.004285 | VoV = 0.000010 ]
Train: 100% 845/845 [03:43<00:00,  3.78 step/s]
Average loss=0.0828518196940422
Valid(teacher): 100% 3000/3000 [00:16<00:00, 178.04 step/s]

[Valid(teacher)][14][UTT][ MSE = 0.7018 | LCC = 0.6452 | SRCC = 0.6110 ] [SYS][ MSE = 0.2838 | LCC = 0.9786 | SRCC = 0.9227 ]
[Valid(teacher)][14][UTT][ GML = 0.248780 | AML = 0.381972 | MoV = 0.367886 | VoV = 0.003254 ] [SYS][ GML = 0.000000 | AML = 0.000029 | MoV = 0.004207 | VoV = 0.000010 ]
Train: 100% 845/845 [03:26<00:00,  4.09 step/s]
Average loss=0.0682981014251709
Valid(teacher): 100% 3000/3000 [01:06<00:00, 44.91 step/s]

[Valid(teacher)][15][UTT][ MSE = 0.6994 | LCC = 0.6382 | SRCC = 0.6044 ] [SYS][ MSE = 0.2718 | LCC = 0.9780 | SRCC = 0.9186 ]
[Valid(teacher)][15][UTT][ GML = 0.245932 | AML = 0.384660 | MoV = 0.358899 | VoV = 0.003145 ] [SYS][ GML = 0.000000 | AML = 0.000087 | MoV = 0.004101 | VoV = 0.000009 ]
Train: 100% 845/845 [03:25<00:00,  4.12 step/s]
Average loss=0.06614984571933746
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.44 step/s]

[Valid(teacher)][16][UTT][ MSE = 0.6991 | LCC = 0.6360 | SRCC = 0.6031 ] [SYS][ MSE = 0.2692 | LCC = 0.9778 | SRCC = 0.9207 ]
[Valid(teacher)][16][UTT][ GML = 0.243945 | AML = 0.385796 | MoV = 0.353327 | VoV = 0.002935 ] [SYS][ GML = 0.000000 | AML = 0.000149 | MoV = 0.004046 | VoV = 0.000009 ]
Train: 100% 845/845 [03:47<00:00,  3.72 step/s]
Average loss=0.04633621498942375
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.40 step/s]

[Valid(teacher)][17][UTT][ MSE = 0.7141 | LCC = 0.6323 | SRCC = 0.5990 ] [SYS][ MSE = 0.2770 | LCC = 0.9781 | SRCC = 0.9241 ]
[Valid(teacher)][17][UTT][ GML = 0.233918 | AML = 0.384005 | MoV = 0.344283 | VoV = 0.003043 ] [SYS][ GML = 0.000000 | AML = 0.000107 | MoV = 0.003951 | VoV = 0.000009 ]
Train: 100% 845/845 [04:10<00:00,  3.38 step/s]
Average loss=0.0362906269729374
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.82 step/s]

[Valid(teacher)][18][UTT][ MSE = 0.7765 | LCC = 0.6287 | SRCC = 0.5949 ] [SYS][ MSE = 0.3407 | LCC = 0.9777 | SRCC = 0.9241 ]
[Valid(teacher)][18][UTT][ GML = 0.209309 | AML = 0.371957 | MoV = 0.336013 | VoV = 0.003046 ] [SYS][ GML = 0.000000 | AML = 0.000015 | MoV = 0.003870 | VoV = 0.000009 ]
Train: 100% 845/845 [03:28<00:00,  4.06 step/s]
Average loss=0.02316504344344139
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.45 step/s]

[Valid(teacher)][19][UTT][ MSE = 0.7485 | LCC = 0.6250 | SRCC = 0.5915 ] [SYS][ MSE = 0.3042 | LCC = 0.9783 | SRCC = 0.9282 ]
[Valid(teacher)][19][UTT][ GML = 0.214459 | AML = 0.379469 | MoV = 0.329405 | VoV = 0.002996 ] [SYS][ GML = 0.000000 | AML = 0.000025 | MoV = 0.003792 | VoV = 0.000008 ]
Train: 100% 845/845 [03:43<00:00,  3.79 step/s]
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Average loss=0.016929443925619125
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.53 step/s]

[Valid(teacher)][20][UTT][ MSE = 0.7399 | LCC = 0.6230 | SRCC = 0.5894 ] [SYS][ MSE = 0.2903 | LCC = 0.9783 | SRCC = 0.9221 ]
[Valid(teacher)][20][UTT][ GML = 0.213561 | AML = 0.382753 | MoV = 0.324351 | VoV = 0.003038 ] [SYS][ GML = 0.000000 | AML = 0.000022 | MoV = 0.003739 | VoV = 0.000008 ]
Train: 100% 845/845 [03:47<00:00,  3.72 step/s]
Average loss=0.007089326158165932
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.69 step/s]

[Valid(teacher)][21][UTT][ MSE = 0.7303 | LCC = 0.6218 | SRCC = 0.5890 ] [SYS][ MSE = 0.2761 | LCC = 0.9780 | SRCC = 0.9248 ]
[Valid(teacher)][21][UTT][ GML = 0.212222 | AML = 0.386326 | MoV = 0.318287 | VoV = 0.003261 ] [SYS][ GML = 0.000000 | AML = 0.000079 | MoV = 0.003675 | VoV = 0.000008 ]
Train: 100% 845/845 [03:47<00:00,  3.71 step/s]
Average loss=-0.003020793980311155
Valid(teacher): 100% 3000/3000 [01:08<00:00, 43.84 step/s]

[Valid(teacher)][22][UTT][ MSE = 0.7843 | LCC = 0.6199 | SRCC = 0.5883 ] [SYS][ MSE = 0.3332 | LCC = 0.9785 | SRCC = 0.9282 ]
[Valid(teacher)][22][UTT][ GML = 0.191097 | AML = 0.375486 | MoV = 0.311863 | VoV = 0.003307 ] [SYS][ GML = 0.000000 | AML = 0.000005 | MoV = 0.003620 | VoV = 0.000008 ]
Train: 100% 845/845 [03:28<00:00,  4.05 step/s]
Average loss=-0.012906472198665142
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.54 step/s]

[Valid(teacher)][23][UTT][ MSE = 0.7784 | LCC = 0.6195 | SRCC = 0.5885 ] [SYS][ MSE = 0.3251 | LCC = 0.9792 | SRCC = 0.9268 ]
[Valid(teacher)][23][UTT][ GML = 0.190834 | AML = 0.377268 | MoV = 0.308056 | VoV = 0.003181 ] [SYS][ GML = 0.000000 | AML = 0.000009 | MoV = 0.003571 | VoV = 0.000008 ]
Train: 100% 845/845 [04:18<00:00,  3.27 step/s]
Average loss=-0.023050982505083084
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.59 step/s]

[Valid(teacher)][24][UTT][ MSE = 0.7414 | LCC = 0.6192 | SRCC = 0.5873 ] [SYS][ MSE = 0.2805 | LCC = 0.9792 | SRCC = 0.9234 ]
[Valid(teacher)][24][UTT][ GML = 0.200789 | AML = 0.385798 | MoV = 0.305168 | VoV = 0.003051 ] [SYS][ GML = 0.000000 | AML = 0.000098 | MoV = 0.003531 | VoV = 0.000007 ]
Train: 100% 845/845 [03:25<00:00,  4.12 step/s]
Average loss=-0.03360670804977417
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.39 step/s]

[Valid(teacher)][25][UTT][ MSE = 0.7613 | LCC = 0.6153 | SRCC = 0.5829 ] [SYS][ MSE = 0.2959 | LCC = 0.9787 | SRCC = 0.9234 ]
[Valid(teacher)][25][UTT][ GML = 0.190234 | AML = 0.382313 | MoV = 0.298590 | VoV = 0.002894 ] [SYS][ GML = 0.000000 | AML = 0.000034 | MoV = 0.003460 | VoV = 0.000007 ]
Train: 100% 845/845 [03:48<00:00,  3.70 step/s]
Average loss=-0.050292760133743286
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.13 step/s]

[Valid(teacher)][26][UTT][ MSE = 0.7311 | LCC = 0.6161 | SRCC = 0.5838 ] [SYS][ MSE = 0.2604 | LCC = 0.9796 | SRCC = 0.9138 ]
[Valid(teacher)][26][UTT][ GML = 0.197227 | AML = 0.389875 | MoV = 0.293509 | VoV = 0.002866 ] [SYS][ GML = 0.000000 | AML = 0.000056 | MoV = 0.003391 | VoV = 0.000007 ]
Train: 100% 845/845 [03:53<00:00,  3.62 step/s]
Average loss=-0.04845183715224266
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.72 step/s]

[Valid(teacher)][27][UTT][ MSE = 0.7790 | LCC = 0.6128 | SRCC = 0.5817 ] [SYS][ MSE = 0.3122 | LCC = 0.9796 | SRCC = 0.9152 ]
[Valid(teacher)][27][UTT][ GML = 0.177914 | AML = 0.380208 | MoV = 0.286788 | VoV = 0.002762 ] [SYS][ GML = 0.000000 | AML = 0.000003 | MoV = 0.003326 | VoV = 0.000007 ]
Train: 100% 845/845 [04:10<00:00,  3.37 step/s]
Average loss=-0.0738474652171135
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.99 step/s]

[Valid(teacher)][28][UTT][ MSE = 0.8008 | LCC = 0.6117 | SRCC = 0.5816 ] [SYS][ MSE = 0.3361 | LCC = 0.9797 | SRCC = 0.9207 ]
[Valid(teacher)][28][UTT][ GML = 0.166886 | AML = 0.375989 | MoV = 0.280827 | VoV = 0.002748 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003263 | VoV = 0.000007 ]
Train: 100% 845/845 [03:25<00:00,  4.11 step/s]
Average loss=-0.08137832581996918
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.15 step/s]

[Valid(teacher)][29][UTT][ MSE = 0.7941 | LCC = 0.6132 | SRCC = 0.5818 ] [SYS][ MSE = 0.3310 | LCC = 0.9806 | SRCC = 0.9207 ]
[Valid(teacher)][29][UTT][ GML = 0.169455 | AML = 0.377194 | MoV = 0.280725 | VoV = 0.002652 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003256 | VoV = 0.000006 ]
Train: 100% 845/845 [03:52<00:00,  3.63 step/s]
Average loss=-0.09176446497440338
Valid(teacher): 100% 3000/3000 [00:18<00:00, 162.21 step/s]

[Valid(teacher)][30][UTT][ MSE = 0.7966 | LCC = 0.6145 | SRCC = 0.5818 ] [SYS][ MSE = 0.3322 | LCC = 0.9824 | SRCC = 0.9241 ]
[Valid(teacher)][30][UTT][ GML = 0.167374 | AML = 0.377567 | MoV = 0.278871 | VoV = 0.002599 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003234 | VoV = 0.000006 ]
Train: 100% 845/845 [03:28<00:00,  4.05 step/s]
Average loss=-0.10169050842523575
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.09 step/s]

[Valid(teacher)][31][UTT][ MSE = 0.8019 | LCC = 0.6138 | SRCC = 0.5820 ] [SYS][ MSE = 0.3385 | LCC = 0.9827 | SRCC = 0.9255 ]
[Valid(teacher)][31][UTT][ GML = 0.162986 | AML = 0.377163 | MoV = 0.274240 | VoV = 0.002508 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003181 | VoV = 0.000006 ]
Train: 100% 845/845 [04:08<00:00,  3.39 step/s]
Average loss=-0.08390723168849945
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.77 step/s]

[Valid(teacher)][32][UTT][ MSE = 0.7870 | LCC = 0.6163 | SRCC = 0.5846 ] [SYS][ MSE = 0.3217 | LCC = 0.9827 | SRCC = 0.9241 ]
[Valid(teacher)][32][UTT][ GML = 0.163783 | AML = 0.381537 | MoV = 0.268776 | VoV = 0.002420 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003124 | VoV = 0.000006 ]
Train: 100% 845/845 [03:57<00:00,  3.56 step/s]
Average loss=-0.11968982219696045
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.93 step/s]

[Valid(teacher)][33][UTT][ MSE = 0.8217 | LCC = 0.6103 | SRCC = 0.5796 ] [SYS][ MSE = 0.3537 | LCC = 0.9817 | SRCC = 0.9193 ]
[Valid(teacher)][33][UTT][ GML = 0.149470 | AML = 0.375283 | MoV = 0.262428 | VoV = 0.002269 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003056 | VoV = 0.000006 ]
Train: 100% 845/845 [03:50<00:00,  3.67 step/s]
Average loss=-0.1300535500049591
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.09 step/s]

[Valid(teacher)][34][UTT][ MSE = 0.8188 | LCC = 0.6097 | SRCC = 0.5789 ] [SYS][ MSE = 0.3502 | LCC = 0.9819 | SRCC = 0.9193 ]
[Valid(teacher)][34][UTT][ GML = 0.147903 | AML = 0.375965 | MoV = 0.259467 | VoV = 0.002222 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003020 | VoV = 0.000006 ]
Train: 100% 845/845 [03:43<00:00,  3.78 step/s]
Average loss=-0.1371554583311081
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.71 step/s]

[Valid(teacher)][35][UTT][ MSE = 0.9247 | LCC = 0.6036 | SRCC = 0.5729 ] [SYS][ MSE = 0.4613 | LCC = 0.9804 | SRCC = 0.9152 ]
[Valid(teacher)][35][UTT][ GML = 0.114850 | AML = 0.353385 | MoV = 0.252903 | VoV = 0.002262 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002963 | VoV = 0.000006 ]
Train: 100% 845/845 [03:35<00:00,  3.92 step/s]
Average loss=-0.15211611986160278
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.59 step/s]

[Valid(teacher)][36][UTT][ MSE = 0.8911 | LCC = 0.6045 | SRCC = 0.5737 ] [SYS][ MSE = 0.4215 | LCC = 0.9816 | SRCC = 0.9193 ]
[Valid(teacher)][36][UTT][ GML = 0.118704 | AML = 0.361727 | MoV = 0.248057 | VoV = 0.002256 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002906 | VoV = 0.000006 ]
Train: 100% 845/845 [03:57<00:00,  3.55 step/s]
Average loss=-0.15424902737140656
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.89 step/s]

[Valid(teacher)][37][UTT][ MSE = 0.8356 | LCC = 0.6068 | SRCC = 0.5760 ] [SYS][ MSE = 0.3625 | LCC = 0.9818 | SRCC = 0.9166 ]
[Valid(teacher)][37][UTT][ GML = 0.132709 | AML = 0.373582 | MoV = 0.247154 | VoV = 0.002292 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002890 | VoV = 0.000005 ]
Train: 100% 845/845 [03:47<00:00,  3.71 step/s]
Average loss=-0.16324307024478912
Valid(teacher): 100% 3000/3000 [00:15<00:00, 188.62 step/s]

[Valid(teacher)][38][UTT][ MSE = 0.8689 | LCC = 0.6050 | SRCC = 0.5743 ] [SYS][ MSE = 0.4030 | LCC = 0.9821 | SRCC = 0.9193 ]
[Valid(teacher)][38][UTT][ GML = 0.122777 | AML = 0.366228 | MoV = 0.244188 | VoV = 0.002151 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002857 | VoV = 0.000005 ]
Train: 100% 845/845 [03:52<00:00,  3.64 step/s]
Average loss=-0.17305131256580353
Valid(teacher): 100% 3000/3000 [00:23<00:00, 125.46 step/s]

[Valid(teacher)][39][UTT][ MSE = 0.8640 | LCC = 0.6027 | SRCC = 0.5723 ] [SYS][ MSE = 0.3948 | LCC = 0.9820 | SRCC = 0.9179 ]
[Valid(teacher)][39][UTT][ GML = 0.122775 | AML = 0.367720 | MoV = 0.242261 | VoV = 0.002100 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002832 | VoV = 0.000005 ]
Train: 100% 845/845 [03:46<00:00,  3.74 step/s]
Average loss=-0.18242548406124115
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.81 step/s]

[Valid(teacher)][40][UTT][ MSE = 0.8472 | LCC = 0.6044 | SRCC = 0.5747 ] [SYS][ MSE = 0.3781 | LCC = 0.9812 | SRCC = 0.9125 ]
[Valid(teacher)][40][UTT][ GML = 0.125133 | AML = 0.372063 | MoV = 0.238550 | VoV = 0.001995 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002785 | VoV = 0.000005 ]
Train: 100% 845/845 [04:04<00:00,  3.46 step/s]
Average loss=-0.1872752606868744
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.62 step/s]

[Valid(teacher)][41][UTT][ MSE = 0.8653 | LCC = 0.6082 | SRCC = 0.5783 ] [SYS][ MSE = 0.4040 | LCC = 0.9819 | SRCC = 0.9221 ]
[Valid(teacher)][41][UTT][ GML = 0.119228 | AML = 0.367098 | MoV = 0.237003 | VoV = 0.002004 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002773 | VoV = 0.000005 ]
Train: 100% 845/845 [03:25<00:00,  4.12 step/s]
Average loss=-0.1933591514825821
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.50 step/s]

[Valid(teacher)][42][UTT][ MSE = 0.8142 | LCC = 0.6118 | SRCC = 0.5804 ] [SYS][ MSE = 0.3492 | LCC = 0.9830 | SRCC = 0.9289 ]
[Valid(teacher)][42][UTT][ GML = 0.132435 | AML = 0.379000 | MoV = 0.236597 | VoV = 0.001990 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002760 | VoV = 0.000005 ]
Train: 100% 845/845 [03:59<00:00,  3.53 step/s]
Average loss=-0.20588307082653046
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.09 step/s]

[Valid(teacher)][43][UTT][ MSE = 0.8520 | LCC = 0.6066 | SRCC = 0.5757 ] [SYS][ MSE = 0.3822 | LCC = 0.9822 | SRCC = 0.9207 ]
[Valid(teacher)][43][UTT][ GML = 0.116917 | AML = 0.371572 | MoV = 0.230735 | VoV = 0.001969 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002699 | VoV = 0.000005 ]
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Train: 100% 845/845 [04:26<00:00,  3.17 step/s]
Average loss=-0.2094927430152893
Valid(teacher): 100% 3000/3000 [00:19<00:00, 150.64 step/s]

[Valid(teacher)][44][UTT][ MSE = 0.7884 | LCC = 0.6087 | SRCC = 0.5765 ] [SYS][ MSE = 0.3131 | LCC = 0.9833 | SRCC = 0.9432 ]
[Valid(teacher)][44][UTT][ GML = 0.134240 | AML = 0.386691 | MoV = 0.230837 | VoV = 0.001975 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002694 | VoV = 0.000005 ]
Train: 100% 845/845 [03:25<00:00,  4.12 step/s]
Average loss=-0.21546302735805511
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.64 step/s]

[Valid(teacher)][45][UTT][ MSE = 0.7939 | LCC = 0.6083 | SRCC = 0.5758 ] [SYS][ MSE = 0.3173 | LCC = 0.9833 | SRCC = 0.9439 ]
[Valid(teacher)][45][UTT][ GML = 0.131270 | AML = 0.385160 | MoV = 0.229301 | VoV = 0.001989 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002675 | VoV = 0.000005 ]
Train: 100% 845/845 [03:31<00:00,  4.00 step/s]
Average loss=-0.22407761216163635
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.01 step/s]

[Valid(teacher)][46][UTT][ MSE = 0.8016 | LCC = 0.6056 | SRCC = 0.5739 ] [SYS][ MSE = 0.3258 | LCC = 0.9831 | SRCC = 0.9439 ]
[Valid(teacher)][46][UTT][ GML = 0.127332 | AML = 0.384122 | MoV = 0.226851 | VoV = 0.001943 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002651 | VoV = 0.000005 ]
Train: 100% 845/845 [03:45<00:00,  3.75 step/s]
Average loss=-0.23337824642658234
Valid(teacher): 100% 3000/3000 [00:19<00:00, 156.96 step/s]

[Valid(teacher)][47][UTT][ MSE = 0.8024 | LCC = 0.6050 | SRCC = 0.5737 ] [SYS][ MSE = 0.3214 | LCC = 0.9833 | SRCC = 0.9439 ]
[Valid(teacher)][47][UTT][ GML = 0.124684 | AML = 0.385296 | MoV = 0.224523 | VoV = 0.001900 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002621 | VoV = 0.000005 ]
Train: 100% 845/845 [03:47<00:00,  3.72 step/s]
Average loss=-0.24649997055530548
Valid(teacher): 100% 3000/3000 [00:20<00:00, 149.66 step/s]

[Valid(teacher)][48][UTT][ MSE = 0.7926 | LCC = 0.6075 | SRCC = 0.5766 ] [SYS][ MSE = 0.3162 | LCC = 0.9830 | SRCC = 0.9432 ]
[Valid(teacher)][48][UTT][ GML = 0.124698 | AML = 0.388361 | MoV = 0.220569 | VoV = 0.001875 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002576 | VoV = 0.000004 ]
Train: 100% 845/845 [03:51<00:00,  3.65 step/s]
Average loss=-0.24936245381832123
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.91 step/s]

[Valid(teacher)][49][UTT][ MSE = 0.7530 | LCC = 0.6089 | SRCC = 0.5767 ] [SYS][ MSE = 0.2730 | LCC = 0.9841 | SRCC = 0.9432 ]
[Valid(teacher)][49][UTT][ GML = 0.136848 | AML = 0.398631 | MoV = 0.220608 | VoV = 0.001865 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002568 | VoV = 0.000004 ]
Train: 100% 845/845 [04:01<00:00,  3.50 step/s]
Average loss=-0.25550776720046997
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.49 step/s]

[Valid(teacher)][50][UTT][ MSE = 0.7910 | LCC = 0.6069 | SRCC = 0.5741 ] [SYS][ MSE = 0.3113 | LCC = 0.9837 | SRCC = 0.9460 ]
[Valid(teacher)][50][UTT][ GML = 0.123412 | AML = 0.388937 | MoV = 0.218158 | VoV = 0.001780 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002540 | VoV = 0.000004 ]
Train: 100% 845/845 [03:35<00:00,  3.92 step/s]
Average loss=-0.2681426405906677
Valid(teacher): 100% 3000/3000 [00:16<00:00, 185.07 step/s]

[Valid(teacher)][51][UTT][ MSE = 0.8122 | LCC = 0.6076 | SRCC = 0.5757 ] [SYS][ MSE = 0.3371 | LCC = 0.9827 | SRCC = 0.9426 ]
[Valid(teacher)][51][UTT][ GML = 0.113589 | AML = 0.383859 | MoV = 0.213101 | VoV = 0.001672 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002487 | VoV = 0.000004 ]
Train: 100% 845/845 [03:36<00:00,  3.90 step/s]
Average loss=-0.2733866274356842
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.63 step/s]

[Valid(teacher)][52][UTT][ MSE = 0.7724 | LCC = 0.6077 | SRCC = 0.5757 ] [SYS][ MSE = 0.2931 | LCC = 0.9831 | SRCC = 0.9371 ]
[Valid(teacher)][52][UTT][ GML = 0.123495 | AML = 0.394584 | MoV = 0.211584 | VoV = 0.001689 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002469 | VoV = 0.000004 ]
Train: 100% 845/845 [03:44<00:00,  3.76 step/s]
Average loss=-0.27325528860092163
Valid(teacher): 100% 3000/3000 [00:21<00:00, 136.54 step/s]

[Valid(teacher)][53][UTT][ MSE = 0.7351 | LCC = 0.6066 | SRCC = 0.5739 ] [SYS][ MSE = 0.2514 | LCC = 0.9842 | SRCC = 0.9412 ]
[Valid(teacher)][53][UTT][ GML = 0.137142 | AML = 0.403933 | MoV = 0.212520 | VoV = 0.001613 ] [SYS][ GML = 0.000000 | AML = 0.000001 | MoV = 0.002470 | VoV = 0.000004 ]
Train: 100% 845/845 [03:54<00:00,  3.61 step/s]
Average loss=-0.28328654170036316
Valid(teacher): 100% 3000/3000 [00:21<00:00, 142.53 step/s]

[Valid(teacher)][54][UTT][ MSE = 0.7639 | LCC = 0.6083 | SRCC = 0.5762 ] [SYS][ MSE = 0.2879 | LCC = 0.9844 | SRCC = 0.9405 ]
[Valid(teacher)][54][UTT][ GML = 0.127018 | AML = 0.395952 | MoV = 0.211630 | VoV = 0.001655 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002471 | VoV = 0.000004 ]
Train: 100% 845/845 [03:54<00:00,  3.61 step/s]
Average loss=-0.2962205111980438
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.40 step/s]

[Valid(teacher)][55][UTT][ MSE = 0.7471 | LCC = 0.6097 | SRCC = 0.5777 ] [SYS][ MSE = 0.2686 | LCC = 0.9847 | SRCC = 0.9474 ]
[Valid(teacher)][55][UTT][ GML = 0.129371 | AML = 0.400642 | MoV = 0.208548 | VoV = 0.001645 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002429 | VoV = 0.000004 ]
Train: 100% 845/845 [03:57<00:00,  3.56 step/s]
Average loss=-0.29463085532188416
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.69 step/s]

[Valid(teacher)][56][UTT][ MSE = 0.7169 | LCC = 0.6115 | SRCC = 0.5793 ] [SYS][ MSE = 0.2346 | LCC = 0.9851 | SRCC = 0.9494 ]
[Valid(teacher)][56][UTT][ GML = 0.139067 | AML = 0.409176 | MoV = 0.208296 | VoV = 0.001669 ] [SYS][ GML = 0.000000 | AML = 0.000001 | MoV = 0.002419 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=-0.30426499247550964
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.71 step/s]

[Valid(teacher)][57][UTT][ MSE = 0.7162 | LCC = 0.6117 | SRCC = 0.5794 ] [SYS][ MSE = 0.2306 | LCC = 0.9848 | SRCC = 0.9494 ]
[Valid(teacher)][57][UTT][ GML = 0.135969 | AML = 0.410402 | MoV = 0.205996 | VoV = 0.001714 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002393 | VoV = 0.000004 ]
Train: 100% 845/845 [03:47<00:00,  3.72 step/s]
Average loss=-0.27929767966270447
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.67 step/s]

[Valid(teacher)][58][UTT][ MSE = 0.7277 | LCC = 0.6120 | SRCC = 0.5791 ] [SYS][ MSE = 0.2473 | LCC = 0.9845 | SRCC = 0.9501 ]
[Valid(teacher)][58][UTT][ GML = 0.130905 | AML = 0.407130 | MoV = 0.203627 | VoV = 0.001571 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002367 | VoV = 0.000004 ]
Train: 100% 845/845 [03:39<00:00,  3.85 step/s]
Average loss=-0.32154950499534607
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.86 step/s]

[Valid(teacher)][59][UTT][ MSE = 0.7323 | LCC = 0.6117 | SRCC = 0.5789 ] [SYS][ MSE = 0.2538 | LCC = 0.9842 | SRCC = 0.9467 ]
[Valid(teacher)][59][UTT][ GML = 0.126895 | AML = 0.406080 | MoV = 0.201576 | VoV = 0.001569 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002348 | VoV = 0.000004 ]
Train: 100% 845/845 [04:01<00:00,  3.50 step/s]
Average loss=-0.32523420453071594
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.72 step/s]

[Valid(teacher)][60][UTT][ MSE = 0.7133 | LCC = 0.6123 | SRCC = 0.5798 ] [SYS][ MSE = 0.2317 | LCC = 0.9839 | SRCC = 0.9453 ]
[Valid(teacher)][60][UTT][ GML = 0.130761 | AML = 0.411972 | MoV = 0.199365 | VoV = 0.001550 ] [SYS][ GML = 0.000000 | AML = 0.000001 | MoV = 0.002321 | VoV = 0.000004 ]
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, 195.24 step/s]

[Test(best)][61][UTT][ MSE = 0.6922 | LCC = 0.6640 | SRCC = 0.6307 ] [SYS][ MSE = 0.2819 | LCC = 0.9734 | SRCC = 0.9590 ]
[Test(best)][61][UTT][ GML = 0.258598 | AML = 0.378084 | MoV = 0.406321 | VoV = 0.005612 ] [SYS][ GML = 0.000000 | AML = 0.000050 | MoV = 0.003394 | VoV = 0.000006 ]
Test(last): 100% 4000/4000 [00:30<00:00, 131.58 step/s]

[Test(last)][61][UTT][ MSE = 0.6782 | LCC = 0.6332 | SRCC = 0.6005 ] [SYS][ MSE = 0.2127 | LCC = 0.9803 | SRCC = 0.9638 ]
[Test(last)][61][UTT][ GML = 0.148016 | AML = 0.421797 | MoV = 0.200181 | VoV = 0.001495 ] [SYS][ GML = 0.000000 | AML = 0.000443 | MoV = 0.001689 | VoV = 0.000002 ]
(lxygpu) [x_xlian@node021 ProMOSNet]$ client_loop: send disconnect: Broken pipe
lxy@Hope-Liang-MBA ProMOSNet %
```