```
(lxygpu) [x_xlian@node051 ProMOSNet]$ python train.py --lamb_c=0.5 --lamb_t=1 --save_path "runs/c5e-1-t1/run2"
Loading all wav files.
 5%|██████                                                                                                        | 2737/54040 [00:25<08:12, 104.26it/s]
 5%|██████                                                                                                        | 2748/54040 [00:25<08:20, 102.57it/s]
100%|████████████████████████████████████████████████████████████████████████████████████████████████████████| 54040/54040 [07:56<00:00, 113.41it/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 [01:44<00:00, 28.74it/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 [02:20<00:00, 28.53it/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 [03:26<00:00,  4.08 step/s]
Average loss=39927.1484375
Valid(teacher): 100% 3000/3000 [00:15<00:00, 190.70 step/s]

[Valid(teacher)][0][UTT][ MSE = 3.1612 | LCC = 0.4528 | SRCC = 0.4425 ] [SYS][ MSE = 3.0286 | LCC = 0.7639 | SRCC = 0.8263 ]
[Valid(teacher)][0][UTT][ GML = 0.014369 | AML = 0.121336 | MoV = 0.436563 | VoV = 0.008952 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.005098 | VoV = 0.000020 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.5905699133872986
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.94 step/s]

[Valid(teacher)][1][UTT][ MSE = 2.0115 | LCC = 0.5684 | SRCC = 0.5324 ] [SYS][ MSE = 1.6634 | LCC = 0.9099 | SRCC = 0.8694 ]
[Valid(teacher)][1][UTT][ GML = 0.036717 | AML = 0.185108 | MoV = 0.407474 | VoV = 0.012430 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004964 | VoV = 0.000024 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.48855695128440857
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.36 step/s]

[Valid(teacher)][2][UTT][ MSE = 1.1895 | LCC = 0.5928 | SRCC = 0.5540 ] [SYS][ MSE = 0.7963 | LCC = 0.9215 | SRCC = 0.8503 ]
[Valid(teacher)][2][UTT][ GML = 0.133566 | AML = 0.282668 | MoV = 0.440973 | VoV = 0.009532 ] [SYS][ GML = 0.000000 | AML = 0.000110 | MoV = 0.005266 | VoV = 0.000023 ]
Train: 100% 845/845 [03:22<00:00,  4.17 step/s]
Average loss=0.4340641498565674
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.64 step/s]

[Valid(teacher)][3][UTT][ MSE = 1.0205 | LCC = 0.6123 | SRCC = 0.5706 ] [SYS][ MSE = 0.6372 | LCC = 0.9404 | SRCC = 0.8680 ]
[Valid(teacher)][3][UTT][ GML = 0.174349 | AML = 0.310798 | MoV = 0.437666 | VoV = 0.006763 ] [SYS][ GML = 0.000000 | AML = 0.000024 | MoV = 0.005153 | VoV = 0.000019 ]
Train: 100% 845/845 [03:22<00:00,  4.16 step/s]
Average loss=0.3952488899230957
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.78 step/s]

[Valid(teacher)][4][UTT][ MSE = 0.8744 | LCC = 0.6212 | SRCC = 0.5846 ] [SYS][ MSE = 0.4842 | LCC = 0.9465 | SRCC = 0.8790 ]
[Valid(teacher)][4][UTT][ GML = 0.212436 | AML = 0.339047 | MoV = 0.425671 | VoV = 0.004345 ] [SYS][ GML = 0.000000 | AML = 0.001790 | MoV = 0.004973 | VoV = 0.000017 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.3682314157485962
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.79 step/s]

[Valid(teacher)][5][UTT][ MSE = 0.8511 | LCC = 0.6242 | SRCC = 0.5887 ] [SYS][ MSE = 0.4574 | LCC = 0.9487 | SRCC = 0.8790 ]
[Valid(teacher)][5][UTT][ GML = 0.218273 | AML = 0.343516 | MoV = 0.424360 | VoV = 0.004287 ] [SYS][ GML = 0.000000 | AML = 0.009494 | MoV = 0.004940 | VoV = 0.000016 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.3440101444721222
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.98 step/s]

[Valid(teacher)][6][UTT][ MSE = 0.8591 | LCC = 0.6264 | SRCC = 0.5934 ] [SYS][ MSE = 0.4668 | LCC = 0.9524 | SRCC = 0.8865 ]
[Valid(teacher)][6][UTT][ GML = 0.215468 | AML = 0.343290 | MoV = 0.417120 | VoV = 0.003933 ] [SYS][ GML = 0.000000 | AML = 0.001032 | MoV = 0.004851 | VoV = 0.000015 ]
Train: 100% 845/845 [03:22<00:00,  4.16 step/s]
Average loss=0.3219365179538727
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.23 step/s]

[Valid(teacher)][7][UTT][ MSE = 0.8371 | LCC = 0.6279 | SRCC = 0.5978 ] [SYS][ MSE = 0.4455 | LCC = 0.9529 | SRCC = 0.8933 ]
[Valid(teacher)][7][UTT][ GML = 0.220382 | AML = 0.348152 | MoV = 0.411165 | VoV = 0.003734 ] [SYS][ GML = 0.000000 | AML = 0.001076 | MoV = 0.004782 | VoV = 0.000015 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.30009791254997253
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.02 step/s]

[Valid(teacher)][8][UTT][ MSE = 0.8027 | LCC = 0.6302 | SRCC = 0.6017 ] [SYS][ MSE = 0.4109 | LCC = 0.9543 | SRCC = 0.8913 ]
[Valid(teacher)][8][UTT][ GML = 0.229524 | AML = 0.355208 | MoV = 0.407069 | VoV = 0.003426 ] [SYS][ GML = 0.000000 | AML = 0.001598 | MoV = 0.004722 | VoV = 0.000014 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.2747528851032257
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.03 step/s]

[Valid(teacher)][9][UTT][ MSE = 0.7517 | LCC = 0.6296 | SRCC = 0.6015 ] [SYS][ MSE = 0.3501 | LCC = 0.9549 | SRCC = 0.8913 ]
[Valid(teacher)][9][UTT][ GML = 0.243687 | AML = 0.365804 | MoV = 0.403491 | VoV = 0.003368 ] [SYS][ GML = 0.000000 | AML = 0.015595 | MoV = 0.004664 | VoV = 0.000013 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.2621228098869324
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.57 step/s]

[Valid(teacher)][10][UTT][ MSE = 0.8901 | LCC = 0.6229 | SRCC = 0.5992 ] [SYS][ MSE = 0.5070 | LCC = 0.9527 | SRCC = 0.8858 ]
[Valid(teacher)][10][UTT][ GML = 0.201099 | AML = 0.341348 | MoV = 0.388923 | VoV = 0.003582 ] [SYS][ GML = 0.000000 | AML = 0.000003 | MoV = 0.004539 | VoV = 0.000013 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.2383890002965927
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.73 step/s]

[Valid(teacher)][11][UTT][ MSE = 0.8317 | LCC = 0.6222 | SRCC = 0.5995 ] [SYS][ MSE = 0.4416 | LCC = 0.9534 | SRCC = 0.8858 ]
[Valid(teacher)][11][UTT][ GML = 0.216969 | AML = 0.352435 | MoV = 0.388695 | VoV = 0.003332 ] [SYS][ GML = 0.000000 | AML = 0.000032 | MoV = 0.004521 | VoV = 0.000013 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.21446464955806732
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.93 step/s]

[Valid(teacher)][12][UTT][ MSE = 0.7461 | LCC = 0.6256 | SRCC = 0.6011 ] [SYS][ MSE = 0.3470 | LCC = 0.9551 | SRCC = 0.8824 ]
[Valid(teacher)][12][UTT][ GML = 0.242329 | AML = 0.368986 | MoV = 0.389456 | VoV = 0.003060 ] [SYS][ GML = 0.000000 | AML = 0.004537 | MoV = 0.004503 | VoV = 0.000012 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.19141365587711334
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.28 step/s]

[Valid(teacher)][13][UTT][ MSE = 0.6617 | LCC = 0.6297 | SRCC = 0.6022 ] [SYS][ MSE = 0.2512 | LCC = 0.9571 | SRCC = 0.8824 ]
[Valid(teacher)][13][UTT][ GML = 0.269962 | AML = 0.386507 | MoV = 0.388856 | VoV = 0.002708 ] [SYS][ GML = 0.000000 | AML = 0.212917 | MoV = 0.004459 | VoV = 0.000011 ]
Train: 100% 845/845 [03:25<00:00,  4.12 step/s]
Average loss=0.17261791229248047
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.25 step/s]

[Valid(teacher)][14][UTT][ MSE = 0.6729 | LCC = 0.6266 | SRCC = 0.5993 ] [SYS][ MSE = 0.2616 | LCC = 0.9558 | SRCC = 0.8749 ]
[Valid(teacher)][14][UTT][ GML = 0.264029 | AML = 0.385699 | MoV = 0.381086 | VoV = 0.002581 ] [SYS][ GML = 0.000000 | AML = 0.083173 | MoV = 0.004370 | VoV = 0.000010 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.15080305933952332
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.47 step/s]

[Valid(teacher)][15][UTT][ MSE = 0.6058 | LCC = 0.6343 | SRCC = 0.6058 ] [SYS][ MSE = 0.1890 | LCC = 0.9598 | SRCC = 0.8899 ]
[Valid(teacher)][15][UTT][ GML = 0.288229 | AML = 0.400796 | MoV = 0.378681 | VoV = 0.002463 ] [SYS][ GML = 0.000000 | AML = 0.337911 | MoV = 0.004316 | VoV = 0.000010 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.13389556109905243
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.59 step/s]

[Valid(teacher)][16][UTT][ MSE = 0.5786 | LCC = 0.6370 | SRCC = 0.6082 ] [SYS][ MSE = 0.1586 | LCC = 0.9607 | SRCC = 0.8865 ]
[Valid(teacher)][16][UTT][ GML = 0.298010 | AML = 0.407522 | MoV = 0.374987 | VoV = 0.002403 ] [SYS][ GML = 0.000000 | AML = 0.264920 | MoV = 0.004263 | VoV = 0.000009 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.1124931201338768
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.77 step/s]

[Valid(teacher)][17][UTT][ MSE = 0.5769 | LCC = 0.6376 | SRCC = 0.6083 ] [SYS][ MSE = 0.1569 | LCC = 0.9614 | SRCC = 0.8988 ]
[Valid(teacher)][17][UTT][ GML = 0.297811 | AML = 0.408721 | MoV = 0.370253 | VoV = 0.002292 ] [SYS][ GML = 0.000000 | AML = 0.358207 | MoV = 0.004201 | VoV = 0.000009 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=0.08955899626016617
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.38 step/s]

[Valid(teacher)][18][UTT][ MSE = 0.5301 | LCC = 0.6471 | SRCC = 0.6171 ] [SYS][ MSE = 0.1079 | LCC = 0.9663 | SRCC = 0.9132 ]
[Valid(teacher)][18][UTT][ GML = 0.317086 | AML = 0.420657 | MoV = 0.366949 | VoV = 0.002260 ] [SYS][ GML = 0.000003 | AML = 0.357799 | MoV = 0.004139 | VoV = 0.000008 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.12099789083003998
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.60 step/s]

[Valid(teacher)][19][UTT][ MSE = 0.4806 | LCC = 0.6570 | SRCC = 0.6270 ] [SYS][ MSE = 0.0517 | LCC = 0.9716 | SRCC = 0.9234 ]
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[Valid(teacher)][19][UTT][ GML = 0.339382 | AML = 0.434447 | MoV = 0.363243 | VoV = 0.002248 ] [SYS][ GML = 0.005769 | AML = 1.334791 | MoV = 0.004061 | VoV = 0.000007 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.041940849274396896
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.71 step/s]

[Valid(teacher)][20][UTT][ MSE = 0.4802 | LCC = 0.6565 | SRCC = 0.6270 ] [SYS][ MSE = 0.0494 | LCC = 0.9703 | SRCC = 0.9097 ]
[Valid(teacher)][20][UTT][ GML = 0.338275 | AML = 0.435989 | MoV = 0.356788 | VoV = 0.002159 ] [SYS][ GML = 0.006374 | AML = 1.581489 | MoV = 0.003987 | VoV = 0.000007 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.0261093899607584
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.91 step/s]

[Valid(teacher)][21][UTT][ MSE = 0.4632 | LCC = 0.6603 | SRCC = 0.6310 ] [SYS][ MSE = 0.0272 | LCC = 0.9726 | SRCC = 0.9275 ]
[Valid(teacher)][21][UTT][ GML = 0.346682 | AML = 0.441817 | MoV = 0.353824 | VoV = 0.002090 ] [SYS][ GML = 0.136126 | AML = 2.848216 | MoV = 0.003934 | VoV = 0.000006 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.00835641566639805
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.36 step/s]

[Valid(teacher)][22][UTT][ MSE = 0.4622 | LCC = 0.6619 | SRCC = 0.6329 ] [SYS][ MSE = 0.0207 | LCC = 0.9748 | SRCC = 0.9344 ]
[Valid(teacher)][22][UTT][ GML = 0.346648 | AML = 0.443811 | MoV = 0.348879 | VoV = 0.002123 ] [SYS][ GML = 0.287803 | AML = 2.494028 | MoV = 0.003872 | VoV = 0.000006 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.0170509349554777715
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.80 step/s]

[Valid(teacher)][23][UTT][ MSE = 0.4639 | LCC = 0.6618 | SRCC = 0.6330 ] [SYS][ MSE = 0.0201 | LCC = 0.9751 | SRCC = 0.9426 ]
[Valid(teacher)][23][UTT][ GML = 0.344487 | AML = 0.445496 | MoV = 0.341387 | VoV = 0.002065 ] [SYS][ GML = 0.311814 | AML = 2.562423 | MoV = 0.003788 | VoV = 0.000006 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.03874016553163284
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.54 step/s]

[Valid(teacher)][24][UTT][ MSE = 0.4668 | LCC = 0.6618 | SRCC = 0.6336 ] [SYS][ MSE = 0.0198 | LCC = 0.9751 | SRCC = 0.9487 ]
[Valid(teacher)][24][UTT][ GML = 0.342174 | AML = 0.446431 | MoV = 0.337216 | VoV = 0.002055 ] [SYS][ GML = 0.283655 | AML = 2.604754 | MoV = 0.003734 | VoV = 0.000006 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=-0.06129668653011322
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.11 step/s]

[Valid(teacher)][25][UTT][ MSE = 0.4693 | LCC = 0.6611 | SRCC = 0.6332 ] [SYS][ MSE = 0.0202 | LCC = 0.9757 | SRCC = 0.9494 ]
[Valid(teacher)][25][UTT][ GML = 0.339673 | AML = 0.447659 | MoV = 0.331619 | VoV = 0.002099 ] [SYS][ GML = 0.253589 | AML = 2.593504 | MoV = 0.003670 | VoV = 0.000005 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.07895390689373016
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.29 step/s]

[Valid(teacher)][26][UTT][ MSE = 0.4688 | LCC = 0.6612 | SRCC = 0.6335 ] [SYS][ MSE = 0.0187 | LCC = 0.9769 | SRCC = 0.9603 ]
[Valid(teacher)][26][UTT][ GML = 0.338314 | AML = 0.449107 | MoV = 0.325579 | VoV = 0.002036 ] [SYS][ GML = 0.330989 | AML = 2.800531 | MoV = 0.003608 | VoV = 0.000005 ]
Train: 100% 845/845 [03:22<00:00,  4.16 step/s]
Average loss=-0.10524317622184753
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.51 step/s]

[Valid(teacher)][27][UTT][ MSE = 0.4745 | LCC = 0.6597 | SRCC = 0.6322 ] [SYS][ MSE = 0.0204 | LCC = 0.9763 | SRCC = 0.9590 ]
[Valid(teacher)][27][UTT][ GML = 0.333848 | AML = 0.449349 | MoV = 0.320101 | VoV = 0.002057 ] [SYS][ GML = 0.214137 | AML = 2.723587 | MoV = 0.003547 | VoV = 0.000005 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.1258516162633896
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.89 step/s]

[Valid(teacher)][28][UTT][ MSE = 0.4670 | LCC = 0.6597 | SRCC = 0.6313 ] [SYS][ MSE = 0.0176 | LCC = 0.9798 | SRCC = 0.9713 ]
[Valid(teacher)][28][UTT][ GML = 0.336697 | AML = 0.450793 | MoV = 0.317372 | VoV = 0.002094 ] [SYS][ GML = 0.507254 | AML = 2.480176 | MoV = 0.003527 | VoV = 0.000005 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.14899437129497528
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.95 step/s]

[Valid(teacher)][29][UTT][ MSE = 0.4663 | LCC = 0.6598 | SRCC = 0.6320 ] [SYS][ MSE = 0.0167 | LCC = 0.9794 | SRCC = 0.9713 ]
[Valid(teacher)][29][UTT][ GML = 0.335713 | AML = 0.452446 | MoV = 0.313400 | VoV = 0.002109 ] [SYS][ GML = 0.545069 | AML = 2.685191 | MoV = 0.003478 | VoV = 0.000005 ]
Train: 100% 845/845 [03:25<00:00,  4.11 step/s]
Average loss=-0.1688770204782486
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.09 step/s]

[Valid(teacher)][30][UTT][ MSE = 0.4735 | LCC = 0.6576 | SRCC = 0.6294 ] [SYS][ MSE = 0.0174 | LCC = 0.9783 | SRCC = 0.9665 ]
[Valid(teacher)][30][UTT][ GML = 0.329858 | AML = 0.452644 | MoV = 0.308141 | VoV = 0.002244 ] [SYS][ GML = 0.375688 | AML = 2.746413 | MoV = 0.003416 | VoV = 0.000005 ]
Train: 100% 845/845 [03:26<00:00,  4.09 step/s]
Average loss=-0.19220012426376343
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.85 step/s]

[Valid(teacher)][31][UTT][ MSE = 0.4704 | LCC = 0.6574 | SRCC = 0.6295 ] [SYS][ MSE = 0.0171 | LCC = 0.9786 | SRCC = 0.9603 ]
[Valid(teacher)][31][UTT][ GML = 0.329520 | AML = 0.454354 | MoV = 0.303084 | VoV = 0.002270 ] [SYS][ GML = 0.446506 | AML = 2.659489 | MoV = 0.003359 | VoV = 0.000005 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=-0.20804867148399353
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.93 step/s]

[Valid(teacher)][32][UTT][ MSE = 0.4810 | LCC = 0.6558 | SRCC = 0.6283 ] [SYS][ MSE = 0.0203 | LCC = 0.9773 | SRCC = 0.9576 ]
[Valid(teacher)][32][UTT][ GML = 0.321195 | AML = 0.453382 | MoV = 0.297754 | VoV = 0.002359 ] [SYS][ GML = 0.156236 | AML = 2.428340 | MoV = 0.003290 | VoV = 0.000004 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=-0.21976183354854584
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.89 step/s]

[Valid(teacher)][33][UTT][ MSE = 0.4854 | LCC = 0.6548 | SRCC = 0.6271 ] [SYS][ MSE = 0.0217 | LCC = 0.9777 | SRCC = 0.9576 ]
[Valid(teacher)][33][UTT][ GML = 0.316953 | AML = 0.453080 | MoV = 0.293443 | VoV = 0.002407 ] [SYS][ GML = 0.108354 | AML = 2.397187 | MoV = 0.003242 | VoV = 0.000004 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.2366902232170105
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.73 step/s]

[Valid(teacher)][34][UTT][ MSE = 0.4793 | LCC = 0.6537 | SRCC = 0.6252 ] [SYS][ MSE = 0.0168 | LCC = 0.9795 | SRCC = 0.9569 ]
[Valid(teacher)][34][UTT][ GML = 0.318525 | AML = 0.454899 | MoV = 0.290649 | VoV = 0.002530 ] [SYS][ GML = 0.369589 | AML = 2.600943 | MoV = 0.003214 | VoV = 0.000004 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=-0.25628143548965454
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.47 step/s]

[Valid(teacher)][35][UTT][ MSE = 0.4887 | LCC = 0.6523 | SRCC = 0.6244 ] [SYS][ MSE = 0.0213 | LCC = 0.9780 | SRCC = 0.9665 ]
[Valid(teacher)][35][UTT][ GML = 0.310800 | AML = 0.455229 | MoV = 0.284744 | VoV = 0.002414 ] [SYS][ GML = 0.109983 | AML = 2.423202 | MoV = 0.003147 | VoV = 0.000004 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.2740468680858612
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.09 step/s]

[Valid(teacher)][36][UTT][ MSE = 0.4856 | LCC = 0.6515 | SRCC = 0.6242 ] [SYS][ MSE = 0.0192 | LCC = 0.9782 | SRCC = 0.9761 ]
[Valid(teacher)][36][UTT][ GML = 0.310212 | AML = 0.457257 | MoV = 0.280201 | VoV = 0.002377 ] [SYS][ GML = 0.211892 | AML = 2.596272 | MoV = 0.003101 | VoV = 0.000004 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=-0.28331083059310913
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.22 step/s]

[Valid(teacher)][37][UTT][ MSE = 0.4952 | LCC = 0.6503 | SRCC = 0.6234 ] [SYS][ MSE = 0.0251 | LCC = 0.9773 | SRCC = 0.9638 ]
[Valid(teacher)][37][UTT][ GML = 0.302833 | AML = 0.455248 | MoV = 0.277187 | VoV = 0.002455 ] [SYS][ GML = 0.041977 | AML = 2.592023 | MoV = 0.003054 | VoV = 0.000004 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.30358701944351196
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.46 step/s]

[Valid(teacher)][38][UTT][ MSE = 0.5211 | LCC = 0.6491 | SRCC = 0.6231 ] [SYS][ MSE = 0.0441 | LCC = 0.9740 | SRCC = 0.9556 ]
[Valid(teacher)][38][UTT][ GML = 0.285654 | AML = 0.450066 | MoV = 0.272818 | VoV = 0.002621 ] [SYS][ GML = 0.000390 | AML = 1.420665 | MoV = 0.002998 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.3218694031238556
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.02 step/s]

[Valid(teacher)][39][UTT][ MSE = 0.5014 | LCC = 0.6512 | SRCC = 0.6242 ] [SYS][ MSE = 0.0291 | LCC = 0.9769 | SRCC = 0.9583 ]
[Valid(teacher)][39][UTT][ GML = 0.294641 | AML = 0.455475 | MoV = 0.269859 | VoV = 0.002650 ] [SYS][ GML = 0.013141 | AML = 2.084243 | MoV = 0.002960 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.3397866487503052
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.55 step/s]

[Valid(teacher)][40][UTT][ MSE = 0.5119 | LCC = 0.6488 | SRCC = 0.6222 ] [SYS][ MSE = 0.0352 | LCC = 0.9761 | SRCC = 0.9631 ]
[Valid(teacher)][40][UTT][ GML = 0.285828 | AML = 0.454002 | MoV = 0.264687 | VoV = 0.002544 ] [SYS][ GML = 0.002870 | AML = 1.727671 | MoV = 0.002906 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.3477689325809479
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.62 step/s]

[Valid(teacher)][41][UTT][ MSE = 0.5510 | LCC = 0.6448 | SRCC = 0.6203 ] [SYS][ MSE = 0.0646 | LCC = 0.9718 | SRCC = 0.9562 ]
[Valid(teacher)][41][UTT][ GML = 0.261451 | AML = 0.445945 | MoV = 0.259800 | VoV = 0.002534 ] [SYS][ GML = 0.000002 | AML = 0.682687 | MoV = 0.002846 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=-0.3642992377281189
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.86 step/s]

[Valid(teacher)][42][UTT][ MSE = 0.5369 | LCC = 0.6451 | SRCC = 0.6203 ] [SYS][ MSE = 0.0523 | LCC = 0.9734 | SRCC = 0.9528 ]
[Valid(teacher)][42][UTT][ GML = 0.266843 | AML = 0.450083 | MoV = 0.257373 | VoV = 0.002516 ] [SYS][ GML = 0.000033 | AML = 0.964883 | MoV = 0.002824 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.3835611611755371
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.49 step/s]
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[Valid(teacher)][43][UTT][ MSE = 0.5300 | LCC = 0.6458 | SRCC = 0.6212 ] [SYS][ MSE = 0.0460 | LCC = 0.9739 | SRCC = 0.9556 ]
[Valid(teacher)][43][UTT][ GML = 0.267670 | AML = 0.452770 | MoV = 0.253822 | VoV = 0.002537 ] [SYS][ GML = 0.000116 | AML = 1.164829 | MoV = 0.002781 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.3927447497844696
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.49 step/s]

[Valid(teacher)][44][UTT][ MSE = 0.5144 | LCC = 0.6463 | SRCC = 0.6210 ] [SYS][ MSE = 0.0340 | LCC = 0.9764 | SRCC = 0.9542 ]
[Valid(teacher)][44][UTT][ GML = 0.275817 | AML = 0.457281 | MoV = 0.253084 | VoV = 0.002540 ] [SYS][ GML = 0.002463 | AML = 1.779175 | MoV = 0.002773 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=-0.3994112014770508
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.40 step/s]

[Valid(teacher)][45][UTT][ MSE = 0.5205 | LCC = 0.6440 | SRCC = 0.6188 ] [SYS][ MSE = 0.0363 | LCC = 0.9756 | SRCC = 0.9501 ]
[Valid(teacher)][45][UTT][ GML = 0.271398 | AML = 0.456117 | MoV = 0.251026 | VoV = 0.002442 ] [SYS][ GML = 0.001108 | AML = 1.730206 | MoV = 0.002749 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.42046746611595154
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.96 step/s]

[Valid(teacher)][46][UTT][ MSE = 0.5107 | LCC = 0.6428 | SRCC = 0.6169 ] [SYS][ MSE = 0.0274 | LCC = 0.9775 | SRCC = 0.9528 ]
[Valid(teacher)][46][UTT][ GML = 0.275763 | AML = 0.458676 | MoV = 0.250313 | VoV = 0.002511 ] [SYS][ GML = 0.012016 | AML = 2.432627 | MoV = 0.002747 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.43540552258491516
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.41 step/s]

[Valid(teacher)][47][UTT][ MSE = 0.5094 | LCC = 0.6418 | SRCC = 0.6153 ] [SYS][ MSE = 0.0251 | LCC = 0.9781 | SRCC = 0.9542 ]
[Valid(teacher)][47][UTT][ GML = 0.274522 | AML = 0.459736 | MoV = 0.247776 | VoV = 0.002564 ] [SYS][ GML = 0.021599 | AML = 2.714067 | MoV = 0.002718 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=-0.4476562738418579
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.87 step/s]

[Valid(teacher)][48][UTT][ MSE = 0.5190 | LCC = 0.6399 | SRCC = 0.6139 ] [SYS][ MSE = 0.0310 | LCC = 0.9762 | SRCC = 0.9556 ]
[Valid(teacher)][48][UTT][ GML = 0.266255 | AML = 0.458024 | MoV = 0.243667 | VoV = 0.002478 ] [SYS][ GML = 0.004176 | AML = 2.432142 | MoV = 0.002676 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=-0.4652837812900543
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.29 step/s]

[Valid(teacher)][49][UTT][ MSE = 0.5235 | LCC = 0.6395 | SRCC = 0.6145 ] [SYS][ MSE = 0.0335 | LCC = 0.9759 | SRCC = 0.9556 ]
[Valid(teacher)][49][UTT][ GML = 0.261244 | AML = 0.458204 | MoV = 0.239967 | VoV = 0.002363 ] [SYS][ GML = 0.002005 | AML = 2.149436 | MoV = 0.002640 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=-0.4760853052139282
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.41 step/s]

[Valid(teacher)][50][UTT][ MSE = 0.5186 | LCC = 0.6387 | SRCC = 0.6136 ] [SYS][ MSE = 0.0300 | LCC = 0.9764 | SRCC = 0.9583 ]
[Valid(teacher)][50][UTT][ GML = 0.262217 | AML = 0.459668 | MoV = 0.237802 | VoV = 0.002357 ] [SYS][ GML = 0.005118 | AML = 2.606401 | MoV = 0.002613 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.4847174882888794
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.89 step/s]

[Valid(teacher)][51][UTT][ MSE = 0.5320 | LCC = 0.6368 | SRCC = 0.6122 ] [SYS][ MSE = 0.0381 | LCC = 0.9749 | SRCC = 0.9542 ]
[Valid(teacher)][51][UTT][ GML = 0.253799 | AML = 0.456518 | MoV = 0.235854 | VoV = 0.002228 ] [SYS][ GML = 0.000507 | AML = 1.677213 | MoV = 0.002594 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.495812326669693
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.27 step/s]

[Valid(teacher)][52][UTT][ MSE = 0.5342 | LCC = 0.6360 | SRCC = 0.6115 ] [SYS][ MSE = 0.0386 | LCC = 0.9750 | SRCC = 0.9487 ]
[Valid(teacher)][52][UTT][ GML = 0.248961 | AML = 0.456653 | MoV = 0.233354 | VoV = 0.002419 ] [SYS][ GML = 0.000358 | AML = 1.660394 | MoV = 0.002560 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.5111850500106812
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.72 step/s]

[Valid(teacher)][53][UTT][ MSE = 0.5389 | LCC = 0.6364 | SRCC = 0.6125 ] [SYS][ MSE = 0.0422 | LCC = 0.9736 | SRCC = 0.9501 ]
[Valid(teacher)][53][UTT][ GML = 0.244158 | AML = 0.456718 | MoV = 0.230113 | VoV = 0.002332 ] [SYS][ GML = 0.000096 | AML = 1.389527 | MoV = 0.002520 | VoV = 0.000002 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=-0.5184593200683594
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.34 step/s]

[Valid(teacher)][54][UTT][ MSE = 0.5234 | LCC = 0.6365 | SRCC = 0.6119 ] [SYS][ MSE = 0.0312 | LCC = 0.9754 | SRCC = 0.9501 ]
[Valid(teacher)][54][UTT][ GML = 0.251242 | AML = 0.460567 | MoV = 0.228616 | VoV = 0.002322 ] [SYS][ GML = 0.002587 | AML = 2.469309 | MoV = 0.002503 | VoV = 0.000002 ]
Train: 100% 845/845 [03:22<00:00,  4.17 step/s]
Average loss=-0.5343180894851685
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.44 step/s]

[Valid(teacher)][55][UTT][ MSE = 0.5291 | LCC = 0.6343 | SRCC = 0.6096 ] [SYS][ MSE = 0.0365 | LCC = 0.9746 | SRCC = 0.9480 ]
[Valid(teacher)][55][UTT][ GML = 0.247003 | AML = 0.459344 | MoV = 0.226153 | VoV = 0.002189 ] [SYS][ GML = 0.000533 | AML = 1.731679 | MoV = 0.002480 | VoV = 0.000002 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=-0.5450753569602966
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.16 step/s]

[Valid(teacher)][56][UTT][ MSE = 0.5486 | LCC = 0.6321 | SRCC = 0.6089 ] [SYS][ MSE = 0.0528 | LCC = 0.9723 | SRCC = 0.9494 ]
[Valid(teacher)][56][UTT][ GML = 0.233387 | AML = 0.455354 | MoV = 0.222958 | VoV = 0.002073 ] [SYS][ GML = 0.000004 | AML = 0.555513 | MoV = 0.002445 | VoV = 0.000002 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=-0.553789138793453
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.79 step/s]

[Valid(teacher)][57][UTT][ MSE = 0.5455 | LCC = 0.6309 | SRCC = 0.6077 ] [SYS][ MSE = 0.0502 | LCC = 0.9726 | SRCC = 0.9391 ]
[Valid(teacher)][57][UTT][ GML = 0.234073 | AML = 0.456987 | MoV = 0.222290 | VoV = 0.002094 ] [SYS][ GML = 0.000009 | AML = 0.718030 | MoV = 0.002437 | VoV = 0.000002 ]
Train: 100% 845/845 [03:22<00:00,  4.16 step/s]
Average loss=-0.5666180849075317
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.11 step/s]

[Valid(teacher)][58][UTT][ MSE = 0.5427 | LCC = 0.6307 | SRCC = 0.6074 ] [SYS][ MSE = 0.0484 | LCC = 0.9737 | SRCC = 0.9391 ]
[Valid(teacher)][58][UTT][ GML = 0.234803 | AML = 0.458179 | MoV = 0.220974 | VoV = 0.002061 ] [SYS][ GML = 0.000015 | AML = 0.707855 | MoV = 0.002420 | VoV = 0.000002 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=-0.5689451098442078
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.68 step/s]

[Valid(teacher)][59][UTT][ MSE = 0.5458 | LCC = 0.6300 | SRCC = 0.6068 ] [SYS][ MSE = 0.0472 | LCC = 0.9731 | SRCC = 0.9494 ]
[Valid(teacher)][59][UTT][ GML = 0.230823 | AML = 0.458436 | MoV = 0.218730 | VoV = 0.002035 ] [SYS][ GML = 0.000018 | AML = 0.663415 | MoV = 0.002395 | VoV = 0.000002 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.5848208069801331
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.46 step/s]

[Valid(teacher)][60][UTT][ MSE = 0.5522 | LCC = 0.6285 | SRCC = 0.6054 ] [SYS][ MSE = 0.0481 | LCC = 0.9740 | SRCC = 0.9494 ]
[Valid(teacher)][60][UTT][ GML = 0.225045 | AML = 0.457456 | MoV = 0.216449 | VoV = 0.002121 ] [SYS][ GML = 0.000010 | AML = 0.636692 | MoV = 0.002368 | 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 [00:20<00:00, 196.08 step/s]

[Test(best)][61][UTT][ MSE = 0.4540 | LCC = 0.6728 | SRCC = 0.6400 ] [SYS][ MSE = 0.0236 | LCC = 0.9705 | SRCC = 0.9590 ]
[Test(best)][61][UTT][ GML = 0.352108 | AML = 0.451450 | MoV = 0.348922 | VoV = 0.002078 ] [SYS][ GML = 0.121202 | AML = 2.584101 | MoV = 0.002841 | VoV = 0.000003 ]
Test(last): 100% 4000/4000 [00:19<00:00, 200.12 step/s]

[Test(last)][61][UTT][ MSE = 0.5620 | LCC = 0.6365 | SRCC = 0.6090 ] [SYS][ MSE = 0.0588 | LCC = 0.9760 | SRCC = 0.9535 ]
[Test(last)][61][UTT][ GML = 0.221619 | AML = 0.459209 | MoV = 0.216209 | VoV = 0.002102 ] [SYS][ GML = 0.000000 | AML = 0.090919 | MoV = 0.001727 | VoV = 0.000001 ]
(lxygpu) [x_xlian@node051 ProMOSNet]$   client_loop: send disconnect: Broken pipe
lxy@Hope-Liang-MBA ProMOSNet %
```