```
(lxygpu) [x_xlian@node031 ProMOSNet]$ python train.py --lamb_c=0.5 --lamb_t=1 --save_path "runs/c5e-1-t1/run4"
Loading all wav files.
100%|████████████████████████████████████████████████████████████████████████████████████████████████████| 54040/54040 [07:51<00:00, 114.68it/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, 29.03it/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, 28.39it/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, 4.04 step/s]
Average loss=263493.34375
Valid(teacher): 100% 3000/3000 [00:15<00:00, 190.65 step/s]

[Valid(teacher)][0][UTT][ MSE = 1.2530 | LCC = 0.4458 | SRCC = 0.4370 ] [SYS][ MSE = 0.9939 | LCC = 0.7449 | SRCC = 0.7921 ]
[Valid(teacher)][0][UTT][ GML = 0.183116 | AML = 0.282236 | MoV = 0.606846 | VoV = 0.005622 ] [SYS][ GML = 0.000000 | AML = 0.002742 | MoV = 0.006970 | VoV = 0.000030 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=0.5834908485412598
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.85 step/s]

[Valid(teacher)][1][UTT][ MSE = 2.5711 | LCC = 0.5578 | SRCC = 0.5290 ] [SYS][ MSE = 2.2225 | LCC = 0.9199 | SRCC = 0.8872 ]
[Valid(teacher)][1][UTT][ GML = 0.003181 | AML = 0.127148 | MoV = 0.317147 | VoV = 0.016856 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004039 | VoV = 0.000021 ]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=0.4679795503616333
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.73 step/s]

[Valid(teacher)][2][UTT][ MSE = 2.5836 | LCC = 0.5775 | SRCC = 0.5449 ] [SYS][ MSE = 2.2043 | LCC = 0.9400 | SRCC = 0.9077 ]
[Valid(teacher)][2][UTT][ GML = 0.000842 | AML = 0.119488 | MoV = 0.292495 | VoV = 0.016623 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003746 | VoV = 0.000018 ]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=0.4130886197090149
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.82 step/s]

[Valid(teacher)][3][UTT][ MSE = 2.4463 | LCC = 0.5848 | SRCC = 0.5507 ] [SYS][ MSE = 2.0570 | LCC = 0.9465 | SRCC = 0.9152 ]
[Valid(teacher)][3][UTT][ GML = 0.001158 | AML = 0.131065 | MoV = 0.300629 | VoV = 0.014370 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003790 | VoV = 0.000017 ]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=0.37501877546310425
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.39 step/s]

[Valid(teacher)][4][UTT][ MSE = 2.1878 | LCC = 0.5872 | SRCC = 0.5519 ] [SYS][ MSE = 1.7842 | LCC = 0.9391 | SRCC = 0.9104 ]
[Valid(teacher)][4][UTT][ GML = 0.004813 | AML = 0.154582 | MoV = 0.313695 | VoV = 0.013490 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003924 | VoV = 0.000016 ]
Train: 100% 845/845 [03:26<00:00, 4.10 step/s]
Average loss=0.3465796411037445
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.17 step/s]

[Valid(teacher)][5][UTT][ MSE = 2.0855 | LCC = 0.5883 | SRCC = 0.5526 ] [SYS][ MSE = 1.6737 | LCC = 0.9410 | SRCC = 0.9132 ]
[Valid(teacher)][5][UTT][ GML = 0.006752 | AML = 0.165745 | MoV = 0.318767 | VoV = 0.013187 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003967 | VoV = 0.000016 ]
Train: 100% 845/845 [03:27<00:00, 4.07 step/s]
Average loss=0.32695814967155457
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.43 step/s]

[Valid(teacher)][6][UTT][ MSE = 2.0270 | LCC = 0.5871 | SRCC = 0.5519 ] [SYS][ MSE = 1.6123 | LCC = 0.9408 | SRCC = 0.9070 ]
[Valid(teacher)][6][UTT][ GML = 0.009835 | AML = 0.173053 | MoV = 0.319619 | VoV = 0.012332 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003961 | VoV = 0.000016 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=0.3028353452682495
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.64 step/s]

[Valid(teacher)][7][UTT][ MSE = 1.9446 | LCC = 0.5876 | SRCC = 0.5521 ] [SYS][ MSE = 1.5277 | LCC = 0.9421 | SRCC = 0.9022 ]
[Valid(teacher)][7][UTT][ GML = 0.014041 | AML = 0.182862 | MoV = 0.317572 | VoV = 0.011092 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003922 | VoV = 0.000015 ]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=0.2794747054576874
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.25 step/s]

[Valid(teacher)][8][UTT][ MSE = 1.6568 | LCC = 0.5927 | SRCC = 0.5556 ] [SYS][ MSE = 1.2269 | LCC = 0.9476 | SRCC = 0.8995 ]
[Valid(teacher)][8][UTT][ GML = 0.033416 | AML = 0.219775 | MoV = 0.329241 | VoV = 0.009796 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004012 | VoV = 0.000014 ]
Train: 100% 845/845 [03:27<00:00, 4.07 step/s]
Average loss=0.259304940700531
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.76 step/s]

[Valid(teacher)][9][UTT][ MSE = 1.5940 | LCC = 0.5937 | SRCC = 0.5574 ] [SYS][ MSE = 1.1682 | LCC = 0.9490 | SRCC = 0.8981 ]
[Valid(teacher)][9][UTT][ GML = 0.042410 | AML = 0.229355 | MoV = 0.331886 | VoV = 0.008911 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004025 | VoV = 0.000014 ]
Train: 100% 845/845 [03:26<00:00, 4.08 step/s]
Average loss=0.2354901134967804
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.02 step/s]

[Valid(teacher)][10][UTT][ MSE = 1.5005 | LCC = 0.5961 | SRCC = 0.5591 ] [SYS][ MSE = 1.0743 | LCC = 0.9511 | SRCC = 0.8981 ]
[Valid(teacher)][10][UTT][ GML = 0.054055 | AML = 0.243306 | MoV = 0.332328 | VoV = 0.007969 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004009 | VoV = 0.000013 ]
Train: 100% 845/845 [03:27<00:00, 4.07 step/s]
Average loss=0.21031655371189117
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.99 step/s]

[Valid(teacher)][11][UTT][ MSE = 1.4913 | LCC = 0.5949 | SRCC = 0.5575 ] [SYS][ MSE = 1.0626 | LCC = 0.9497 | SRCC = 0.8858 ]
[Valid(teacher)][11][UTT][ GML = 0.052626 | AML = 0.244891 | MoV = 0.324863 | VoV = 0.007606 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003916 | VoV = 0.000012 ]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=0.19117355346679688
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.73 step/s]

[Valid(teacher)][12][UTT][ MSE = 1.4573 | LCC = 0.5931 | SRCC = 0.5574 ] [SYS][ MSE = 1.0338 | LCC = 0.9502 | SRCC = 0.8872 ]
[Valid(teacher)][12][UTT][ GML = 0.058854 | AML = 0.251699 | MoV = 0.323138 | VoV = 0.006854 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003885 | VoV = 0.000011 ]
Train: 100% 845/845 [03:26<00:00, 4.09 step/s]
Average loss=0.1728639155626297
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.00 step/s]

[Valid(teacher)][13][UTT][ MSE = 1.4041 | LCC = 0.5916 | SRCC = 0.5558 ] [SYS][ MSE = 0.9790 | LCC = 0.9490 | SRCC = 0.8824 ]
[Valid(teacher)][13][UTT][ GML = 0.066414 | AML = 0.260211 | MoV = 0.323584 | VoV = 0.006371 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003871 | VoV = 0.000011 ]
Train: 100% 845/845 [03:25<00:00, 4.10 step/s]
Average loss=0.144438236951828
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.13 step/s]

[Valid(teacher)][14][UTT][ MSE = 1.4272 | LCC = 0.5881 | SRCC = 0.5534 ] [SYS][ MSE = 1.0065 | LCC = 0.9474 | SRCC = 0.8721 ]
[Valid(teacher)][14][UTT][ GML = 0.061037 | AML = 0.258214 | MoV = 0.314595 | VoV = 0.006186 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003773 | VoV = 0.000010 ]
Train: 100% 845/845 [03:26<00:00, 4.09 step/s]
Average loss=0.12677015364170074
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.42 step/s]

[Valid(teacher)][15][UTT][ MSE = 1.4451 | LCC = 0.5830 | SRCC = 0.5503 ] [SYS][ MSE = 1.0313 | LCC = 0.9469 | SRCC = 0.8653 ]
[Valid(teacher)][15][UTT][ GML = 0.059030 | AML = 0.257588 | MoV = 0.308050 | VoV = 0.005552 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003695 | VoV = 0.000010 ]
Train: 100% 845/845 [03:24<00:00, 4.12 step/s]
Average loss=0.08666683733463287
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.83 step/s]

[Valid(teacher)][16][UTT][ MSE = 1.3686 | LCC = 0.5806 | SRCC = 0.5480 ] [SYS][ MSE = 0.9479 | LCC = 0.9492 | SRCC = 0.8632 ]
[Valid(teacher)][16][UTT][ GML = 0.067896 | AML = 0.270732 | MoV = 0.306749 | VoV = 0.005091 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003662 | VoV = 0.000010 ]
Train: 100% 845/845 [03:29<00:00, 4.03 step/s]
Average loss=0.06636013090610504
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.13 step/s]

[Valid(teacher)][17][UTT][ MSE = 1.3620 | LCC = 0.5808 | SRCC = 0.5490 ] [SYS][ MSE = 0.9457 | LCC = 0.9509 | SRCC = 0.8694 ]
[Valid(teacher)][17][UTT][ GML = 0.068810 | AML = 0.272183 | MoV = 0.303597 | VoV = 0.004597 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003622 | VoV = 0.000009 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=0.0528339222073555
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.02 step/s]

[Valid(teacher)][18][UTT][ MSE = 1.4415 | LCC = 0.5789 | SRCC = 0.5480 ] [SYS][ MSE = 1.0390 | LCC = 0.9481 | SRCC = 0.8694 ]
[Valid(teacher)][18][UTT][ GML = 0.057582 | AML = 0.260451 | MoV = 0.296048 | VoV = 0.004332 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003548 | VoV = 0.000009 ]
Train: 100% 845/845 [03:26<00:00, 4.10 step/s]

[Valid(teacher)][19][UTT][ MSE = 1.4482 | LCC = 0.5775 | SRCC = 0.5474 ] [SYS][ MSE = 1.0484 | LCC = 0.9488 | SRCC = 0.8646 ]
[Valid(teacher)][19][UTT][ GML = 0.055228 | AML = 0.260026 | MoV = 0.291239 | VoV = 0.004258 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003493 | VoV = 0.000009 ]
Train: 100% 845/845 [03:26<00:00, 4.10 step/s]
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Average loss=0.0336233638226869859
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.95 step/s]

[Valid(teacher)][20][UTT][ MSE = 1.3442 | LCC = 0.5793 | SRCC = 0.5500 ] [SYS][ MSE = 0.9359 | LCC = 0.9505 | SRCC = 0.8646 ]
[Valid(teacher)][20][UTT][ GML = 0.067435 | AML = 0.276677 | MoV = 0.292261 | VoV = 0.004078 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003487 | VoV = 0.000009 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.0140122557059304
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.14 step/s]

[Valid(teacher)][21][UTT][ MSE = 1.2264 | LCC = 0.5853 | SRCC = 0.5585 ] [SYS][ MSE = 0.8125 | LCC = 0.9544 | SRCC = 0.8708 ]
[Valid(teacher)][21][UTT][ GML = 0.087067 | AML = 0.295390 | MoV = 0.296901 | VoV = 0.003673 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003522 | VoV = 0.000008 ]
Train: 100% 845/845 [03:27<00:00,  4.07 step/s]
Average loss=-0.00163967674598978
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.87 step/s]

[Valid(teacher)][22][UTT][ MSE = 1.1920 | LCC = 0.5890 | SRCC = 0.5626 ] [SYS][ MSE = 0.7804 | LCC = 0.9564 | SRCC = 0.8701 ]
[Valid(teacher)][22][UTT][ GML = 0.092365 | AML = 0.300813 | MoV = 0.296654 | VoV = 0.003695 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003516 | VoV = 0.000008 ]
Train: 100% 845/845 [03:25<00:00,  4.12 step/s]
Average loss=-0.01942274533212185
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.37 step/s]

[Valid(teacher)][23][UTT][ MSE = 1.2269 | LCC = 0.5883 | SRCC = 0.5645 ] [SYS][ MSE = 0.8252 | LCC = 0.9566 | SRCC = 0.8756 ]
[Valid(teacher)][23][UTT][ GML = 0.085066 | AML = 0.295428 | MoV = 0.290770 | VoV = 0.003529 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003459 | VoV = 0.000008 ]
Train: 100% 845/845 [03:26<00:00,  4.09 step/s]
Average loss=-0.03634657710790634
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.21 step/s]

[Valid(teacher)][24][UTT][ MSE = 1.1499 | LCC = 0.5922 | SRCC = 0.5686 ] [SYS][ MSE = 0.7372 | LCC = 0.9599 | SRCC = 0.8735 ]
[Valid(teacher)][24][UTT][ GML = 0.096811 | AML = 0.307266 | MoV = 0.290524 | VoV = 0.003443 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003445 | VoV = 0.000008 ]
Train: 100% 845/845 [03:26<00:00,  4.09 step/s]
Average loss=-0.055456291884183884
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.09 step/s]

[Valid(teacher)][25][UTT][ MSE = 1.1070 | LCC = 0.5945 | SRCC = 0.5711 ] [SYS][ MSE = 0.6858 | LCC = 0.9608 | SRCC = 0.8783 ]
[Valid(teacher)][25][UTT][ GML = 0.103138 | AML = 0.314952 | MoV = 0.289427 | VoV = 0.003489 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003421 | VoV = 0.000008 ]
Train: 100% 845/845 [03:25<00:00,  4.12 step/s]
Average loss=-0.06810087710618973
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.55 step/s]

[Valid(teacher)][26][UTT][ MSE = 1.0144 | LCC = 0.6033 | SRCC = 0.5768 ] [SYS][ MSE = 0.5845 | LCC = 0.9630 | SRCC = 0.8858 ]
[Valid(teacher)][26][UTT][ GML = 0.121665 | AML = 0.330784 | MoV = 0.291644 | VoV = 0.003523 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003428 | VoV = 0.000007 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.09306184947490692
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.54 step/s]

[Valid(teacher)][27][UTT][ MSE = 1.0113 | LCC = 0.6033 | SRCC = 0.5767 ] [SYS][ MSE = 0.5794 | LCC = 0.9651 | SRCC = 0.8858 ]
[Valid(teacher)][27][UTT][ GML = 0.120115 | AML = 0.331127 | MoV = 0.288091 | VoV = 0.003452 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003385 | VoV = 0.000007 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=-0.12089867144823074
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.23 step/s]

[Valid(teacher)][28][UTT][ MSE = 0.9791 | LCC = 0.6072 | SRCC = 0.5806 ] [SYS][ MSE = 0.5431 | LCC = 0.9679 | SRCC = 0.9015 ]
[Valid(teacher)][28][UTT][ GML = 0.125146 | AML = 0.336877 | MoV = 0.284322 | VoV = 0.003223 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003326 | VoV = 0.000007 ]
Train: 100% 845/845 [03:26<00:00,  4.09 step/s]
Average loss=-0.13252362608909607
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.08 step/s]

[Valid(teacher)][29][UTT][ MSE = 1.0546 | LCC = 0.5993 | SRCC = 0.5745 ] [SYS][ MSE = 0.6234 | LCC = 0.9648 | SRCC = 0.8790 ]
[Valid(teacher)][29][UTT][ GML = 0.105574 | AML = 0.323526 | MoV = 0.276722 | VoV = 0.003043 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003252 | VoV = 0.000007 ]
Train: 100% 845/845 [03:26<00:00,  4.09 step/s]
Average loss=-0.1490720510482788
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.42 step/s]

[Valid(teacher)][30][UTT][ MSE = 1.0111 | LCC = 0.6001 | SRCC = 0.5746 ] [SYS][ MSE = 0.5736 | LCC = 0.9658 | SRCC = 0.8838 ]
[Valid(teacher)][30][UTT][ GML = 0.113359 | AML = 0.331566 | MoV = 0.275550 | VoV = 0.002967 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003228 | VoV = 0.000007 ]
Train: 100% 845/845 [03:25<00:00,  4.11 step/s]
Average loss=-0.15987852215766907
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.30 step/s]

[Valid(teacher)][31][UTT][ MSE = 0.9825 | LCC = 0.6004 | SRCC = 0.5763 ] [SYS][ MSE = 0.5460 | LCC = 0.9665 | SRCC = 0.8968 ]
[Valid(teacher)][31][UTT][ GML = 0.118982 | AML = 0.337124 | MoV = 0.273743 | VoV = 0.002852 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003209 | VoV = 0.000007 ]
Train: 100% 845/845 [03:26<00:00,  4.10 step/s]
Average loss=-0.18010221421718597
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.48 step/s]

[Valid(teacher)][32][UTT][ MSE = 0.9531 | LCC = 0.6047 | SRCC = 0.5797 ] [SYS][ MSE = 0.5118 | LCC = 0.9686 | SRCC = 0.9132 ]
[Valid(teacher)][32][UTT][ GML = 0.122715 | AML = 0.342546 | MoV = 0.271030 | VoV = 0.002990 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003178 | VoV = 0.000006 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=-0.19543497264385223
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.95 step/s]

[Valid(teacher)][33][UTT][ MSE = 1.0074 | LCC = 0.5987 | SRCC = 0.5748 ] [SYS][ MSE = 0.5708 | LCC = 0.9679 | SRCC = 0.9077 ]
[Valid(teacher)][33][UTT][ GML = 0.108806 | AML = 0.332442 | MoV = 0.267210 | VoV = 0.002877 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003147 | VoV = 0.000006 ]
Train: 100% 845/845 [03:25<00:00,  4.11 step/s]
Average loss=-0.20525966584682465
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.15 step/s]

[Valid(teacher)][34][UTT][ MSE = 0.9813 | LCC = 0.6023 | SRCC = 0.5791 ] [SYS][ MSE = 0.5449 | LCC = 0.9691 | SRCC = 0.9050 ]
[Valid(teacher)][34][UTT][ GML = 0.113178 | AML = 0.336910 | MoV = 0.265901 | VoV = 0.002959 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003136 | VoV = 0.000006 ]
Train: 100% 845/845 [03:26<00:00,  4.10 step/s]
Average loss=-0.22213652729988098
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.89 step/s]

[Valid(teacher)][35][UTT][ MSE = 0.9286 | LCC = 0.6057 | SRCC = 0.5812 ] [SYS][ MSE = 0.4847 | LCC = 0.9718 | SRCC = 0.9029 ]
[Valid(teacher)][35][UTT][ GML = 0.124208 | AML = 0.347258 | MoV = 0.265557 | VoV = 0.002922 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003125 | VoV = 0.000006 ]
Train: 100% 845/845 [03:25<00:00,  4.11 step/s]
Average loss=-0.23425787687301636
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.30 step/s]

[Valid(teacher)][36][UTT][ MSE = 0.9142 | LCC = 0.6079 | SRCC = 0.5831 ] [SYS][ MSE = 0.4675 | LCC = 0.9734 | SRCC = 0.9118 ]
[Valid(teacher)][36][UTT][ GML = 0.125954 | AML = 0.349907 | MoV = 0.263549 | VoV = 0.002980 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003098 | VoV = 0.000006 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=-0.25575917959213257
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.80 step/s]

[Valid(teacher)][37][UTT][ MSE = 0.8672 | LCC = 0.6122 | SRCC = 0.5866 ] [SYS][ MSE = 0.4208 | LCC = 0.9756 | SRCC = 0.9262 ]
[Valid(teacher)][37][UTT][ GML = 0.138193 | AML = 0.359688 | MoV = 0.262615 | VoV = 0.002824 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003076 | VoV = 0.000006 ]
Train: 100% 845/845 [03:27<00:00,  4.08 step/s]
Average loss=-0.27391090989112854
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.16 step/s]

[Valid(teacher)][38][UTT][ MSE = 0.8699 | LCC = 0.6108 | SRCC = 0.5860 ] [SYS][ MSE = 0.4241 | LCC = 0.9758 | SRCC = 0.9173 ]
[Valid(teacher)][38][UTT][ GML = 0.135328 | AML = 0.359064 | MoV = 0.259671 | VoV = 0.002804 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003045 | VoV = 0.000006 ]
Train: 100% 845/845 [03:27<00:00,  4.07 step/s]
Average loss=-0.28908881545066833
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.61 step/s]

[Valid(teacher)][39][UTT][ MSE = 0.8284 | LCC = 0.6133 | SRCC = 0.5876 ] [SYS][ MSE = 0.3778 | LCC = 0.9755 | SRCC = 0.9097 ]
[Valid(teacher)][39][UTT][ GML = 0.146332 | AML = 0.367630 | MoV = 0.258769 | VoV = 0.002652 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003026 | VoV = 0.000006 ]
Train: 100% 845/845 [03:28<00:00,  4.04 step/s]
Average loss=-0.3052178919315338
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.41 step/s]

[Valid(teacher)][40][UTT][ MSE = 0.7443 | LCC = 0.6180 | SRCC = 0.5916 ] [SYS][ MSE = 0.2864 | LCC = 0.9782 | SRCC = 0.9200 ]
[Valid(teacher)][40][UTT][ GML = 0.172800 | AML = 0.386752 | MoV = 0.258668 | VoV = 0.002528 ] [SYS][ GML = 0.000000 | AML = 0.000028 | MoV = 0.003010 | VoV = 0.000005 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.3120429813861847
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.81 step/s]

[Valid(teacher)][41][UTT][ MSE = 0.7572 | LCC = 0.6171 | SRCC = 0.5902 ] [SYS][ MSE = 0.3021 | LCC = 0.9772 | SRCC = 0.9207 ]
[Valid(teacher)][41][UTT][ GML = 0.165991 | AML = 0.383961 | MoV = 0.255622 | VoV = 0.002547 ] [SYS][ GML = 0.000000 | AML = 0.000018 | MoV = 0.002984 | VoV = 0.000006 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.32428407669067383
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.37 step/s]

[Valid(teacher)][42][UTT][ MSE = 0.7000 | LCC = 0.6209 | SRCC = 0.5923 ] [SYS][ MSE = 0.2397 | LCC = 0.9783 | SRCC = 0.9227 ]
[Valid(teacher)][42][UTT][ GML = 0.187555 | AML = 0.397587 | MoV = 0.256822 | VoV = 0.002402 ] [SYS][ GML = 0.000000 | AML = 0.000921 | MoV = 0.002976 | VoV = 0.000005 ]
Train: 100% 845/845 [03:27<00:00,  4.08 step/s]
Average loss=-0.33406591415405273
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.63 step/s]

[Valid(teacher)][43][UTT][ MSE = 0.6783 | LCC = 0.6227 | SRCC = 0.5937 ] [SYS][ MSE = 0.2168 | LCC = 0.9791 | SRCC = 0.9227 ]
[Valid(teacher)][43][UTT][ GML = 0.194933 | AML = 0.403513 | MoV = 0.255185 | VoV = 0.002352 ] [SYS][ GML = 0.000000 | AML = 0.001631 | MoV = 0.002955 | VoV = 0.000005 ]
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Train: 100% 845/845 [03:26<00:00,  4.08 step/s]
Average loss=-0.3455561399459839
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.46 step/s]

[Valid(teacher)][44][UTT][ MSE = 0.6444 | LCC = 0.6253 | SRCC = 0.5959 ] [SYS][ MSE = 0.1835 | LCC = 0.9799 | SRCC = 0.9350 ]
[Valid(teacher)][44][UTT][ GML = 0.208914 | AML = 0.412700 | MoV = 0.254162 | VoV = 0.002207 ] [SYS][ GML = 0.000000 | AML = 0.014635 | MoV = 0.002930 | VoV = 0.000005 ]
Train: 100% 845/845 [03:28<00:00,  4.05 step/s]
Average loss=-0.3567026535614014
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.07 step/s]

[Valid(teacher)][45][UTT][ MSE = 0.6548 | LCC = 0.6263 | SRCC = 0.5975 ] [SYS][ MSE = 0.1929 | LCC = 0.9817 | SRCC = 0.9385 ]
[Valid(teacher)][45][UTT][ GML = 0.202753 | AML = 0.410757 | MoV = 0.251342 | VoV = 0.002150 ] [SYS][ GML = 0.000000 | AML = 0.005806 | MoV = 0.002896 | VoV = 0.000005 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=-0.37626880407333374
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.41 step/s]

[Valid(teacher)][46][UTT][ MSE = 0.6635 | LCC = 0.6247 | SRCC = 0.5958 ] [SYS][ MSE = 0.2000 | LCC = 0.9810 | SRCC = 0.9296 ]
[Valid(teacher)][46][UTT][ GML = 0.196130 | AML = 0.409275 | MoV = 0.248142 | VoV = 0.002206 ] [SYS][ GML = 0.000000 | AML = 0.003040 | MoV = 0.002861 | VoV = 0.000005 ]
Train: 100% 845/845 [03:24<00:00,  4.12 step/s]
Average loss=-0.38297975063323975
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.29 step/s]

[Valid(teacher)][47][UTT][ MSE = 0.6321 | LCC = 0.6266 | SRCC = 0.5970 ] [SYS][ MSE = 0.1662 | LCC = 0.9820 | SRCC = 0.9330 ]
[Valid(teacher)][47][UTT][ GML = 0.209094 | AML = 0.418123 | MoV = 0.246405 | VoV = 0.002018 ] [SYS][ GML = 0.000000 | AML = 0.010613 | MoV = 0.002833 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.38861510157585144
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.68 step/s]

[Valid(teacher)][48][UTT][ MSE = 0.6335 | LCC = 0.6263 | SRCC = 0.5966 ] [SYS][ MSE = 0.1689 | LCC = 0.9824 | SRCC = 0.9391 ]
[Valid(teacher)][48][UTT][ GML = 0.208198 | AML = 0.418172 | MoV = 0.245836 | VoV = 0.001991 ] [SYS][ GML = 0.000000 | AML = 0.013747 | MoV = 0.002831 | VoV = 0.000004 ]
Train: 100% 845/845 [03:25<00:00,  4.11 step/s]
Average loss=-0.412253201007843
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.15 step/s]

[Valid(teacher)][49][UTT][ MSE = 0.6259 | LCC = 0.6280 | SRCC = 0.5989 ] [SYS][ MSE = 0.1609 | LCC = 0.9831 | SRCC = 0.9350 ]
[Valid(teacher)][49][UTT][ GML = 0.210034 | AML = 0.420709 | MoV = 0.244040 | VoV = 0.002027 ] [SYS][ GML = 0.000000 | AML = 0.022082 | MoV = 0.002809 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00,  4.12 step/s]
Average loss=-0.4244968295097351
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.88 step/s]

[Valid(teacher)][50][UTT][ MSE = 0.6041 | LCC = 0.6283 | SRCC = 0.5994 ] [SYS][ MSE = 0.1371 | LCC = 0.9823 | SRCC = 0.9391 ]
[Valid(teacher)][50][UTT][ GML = 0.220046 | AML = 0.426846 | MoV = 0.243501 | VoV = 0.001978 ] [SYS][ GML = 0.000000 | AML = 0.086689 | MoV = 0.002789 | VoV = 0.000004 ]
Train: 100% 845/845 [03:26<00:00,  4.09 step/s]
Average loss=-0.4285934567451477
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.21 step/s]

[Valid(teacher)][51][UTT][ MSE = 0.6160 | LCC = 0.6248 | SRCC = 0.5964 ] [SYS][ MSE = 0.1457 | LCC = 0.9826 | SRCC = 0.9419 ]
[Valid(teacher)][51][UTT][ GML = 0.212943 | AML = 0.423851 | MoV = 0.241323 | VoV = 0.001962 ] [SYS][ GML = 0.000000 | AML = 0.058277 | MoV = 0.002763 | VoV = 0.000004 ]
Train: 100% 845/845 [03:25<00:00,  4.11 step/s]
Average loss=-0.4479459822177887
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.73 step/s]

[Valid(teacher)][52][UTT][ MSE = 0.6013 | LCC = 0.6245 | SRCC = 0.5962 ] [SYS][ MSE = 0.1266 | LCC = 0.9822 | SRCC = 0.9432 ]
[Valid(teacher)][52][UTT][ GML = 0.216559 | AML = 0.429065 | MoV = 0.238532 | VoV = 0.001992 ] [SYS][ GML = 0.000000 | AML = 0.143124 | MoV = 0.002736 | VoV = 0.000004 ]
Train: 100% 845/845 [03:26<00:00,  4.10 step/s]
Average loss=-0.45767536759376526
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.22 step/s]

[Valid(teacher)][53][UTT][ MSE = 0.5964 | LCC = 0.6249 | SRCC = 0.5963 ] [SYS][ MSE = 0.1217 | LCC = 0.9829 | SRCC = 0.9432 ]
[Valid(teacher)][53][UTT][ GML = 0.219385 | AML = 0.430129 | MoV = 0.237739 | VoV = 0.001903 ] [SYS][ GML = 0.000000 | AML = 0.165057 | MoV = 0.002723 | VoV = 0.000004 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.4714873731136322
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.79 step/s]

[Valid(teacher)][54][UTT][ MSE = 0.5923 | LCC = 0.6251 | SRCC = 0.5965 ] [SYS][ MSE = 0.1159 | LCC = 0.9825 | SRCC = 0.9432 ]
[Valid(teacher)][54][UTT][ GML = 0.219230 | AML = 0.432292 | MoV = 0.235100 | VoV = 0.001871 ] [SYS][ GML = 0.000000 | AML = 0.226220 | MoV = 0.002696 | VoV = 0.000004 ]
Train: 100% 845/845 [03:26<00:00,  4.09 step/s]
Average loss=-0.4717409312725067
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.35 step/s]

[Valid(teacher)][55][UTT][ MSE = 0.5912 | LCC = 0.6232 | SRCC = 0.5953 ] [SYS][ MSE = 0.1153 | LCC = 0.9821 | SRCC = 0.9391 ]
[Valid(teacher)][55][UTT][ GML = 0.219663 | AML = 0.432903 | MoV = 0.234591 | VoV = 0.001829 ] [SYS][ GML = 0.000000 | AML = 0.291841 | MoV = 0.002687 | VoV = 0.000004 ]
Train: 100% 845/845 [03:25<00:00,  4.11 step/s]
Average loss=-0.4835745394229889
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.00 step/s]

[Valid(teacher)][56][UTT][ MSE = 0.5872 | LCC = 0.6244 | SRCC = 0.5965 ] [SYS][ MSE = 0.1110 | LCC = 0.9822 | SRCC = 0.9432 ]
[Valid(teacher)][56][UTT][ GML = 0.219438 | AML = 0.434965 | MoV = 0.232490 | VoV = 0.001885 ] [SYS][ GML = 0.000000 | AML = 0.313095 | MoV = 0.002660 | VoV = 0.000004 ]
Train: 100% 845/845 [03:26<00:00,  4.09 step/s]
Average loss=-0.4960348308086395
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.30 step/s]

[Valid(teacher)][57][UTT][ MSE = 0.5938 | LCC = 0.6232 | SRCC = 0.5960 ] [SYS][ MSE = 0.1160 | LCC = 0.9822 | SRCC = 0.9405 ]
[Valid(teacher)][57][UTT][ GML = 0.214150 | AML = 0.434018 | MoV = 0.229628 | VoV = 0.001830 ] [SYS][ GML = 0.000000 | AML = 0.264817 | MoV = 0.002627 | VoV = 0.000004 ]
Train: 100% 845/845 [03:25<00:00,  4.12 step/s]
Average loss=-0.5149593949317932
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.01 step/s]

[Valid(teacher)][58][UTT][ MSE = 0.5902 | LCC = 0.6223 | SRCC = 0.5946 ] [SYS][ MSE = 0.1129 | LCC = 0.9823 | SRCC = 0.9432 ]
[Valid(teacher)][58][UTT][ GML = 0.215303 | AML = 0.435709 | MoV = 0.227834 | VoV = 0.001708 ] [SYS][ GML = 0.000000 | AML = 0.287563 | MoV = 0.002606 | VoV = 0.000004 ]
Train: 100% 845/845 [03:27<00:00,  4.07 step/s]
Average loss=-0.5184986591339111
Valid(teacher): 100% 3000/3000 [00:16<00:00, 182.69 step/s]

[Valid(teacher)][59][UTT][ MSE = 0.5616 | LCC = 0.6232 | SRCC = 0.5949 ] [SYS][ MSE = 0.0791 | LCC = 0.9821 | SRCC = 0.9515 ]
[Valid(teacher)][59][UTT][ GML = 0.228264 | AML = 0.445728 | MoV = 0.225912 | VoV = 0.001642 ] [SYS][ GML = 0.000000 | AML = 0.679953 | MoV = 0.002568 | VoV = 0.000003 ]
Train: 100% 845/845 [03:25<00:00,  4.12 step/s]
Average loss=-0.5240954160690308
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.77 step/s]

[Valid(teacher)][60][UTT][ MSE = 0.5566 | LCC = 0.6225 | SRCC = 0.5942 ] [SYS][ MSE = 0.0737 | LCC = 0.9809 | SRCC = 0.9515 ]
[Valid(teacher)][60][UTT][ GML = 0.230565 | AML = 0.447381 | MoV = 0.225589 | VoV = 0.001660 ] [SYS][ GML = 0.000001 | AML = 0.732807 | MoV = 0.002565 | 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 [00:20<00:00, 195.79 step/s]

[Test(best)][61][UTT][ MSE = 0.5906 | LCC = 0.6340 | SRCC = 0.5974 ] [SYS][ MSE = 0.1269 | LCC = 0.9789 | SRCC = 0.9426 ]
[Test(best)][61][UTT][ GML = 0.225105 | AML = 0.437045 | MoV = 0.243583 | VoV = 0.001965 ] [SYS][ GML = 0.000000 | AML = 0.616730 | MoV = 0.002040 | VoV = 0.000002 ]
Test(last): 100% 4000/4000 [00:20<00:00, 197.58 step/s]

[Test(last)][61][UTT][ MSE = 0.5396 | LCC = 0.6329 | SRCC = 0.5980 ] [SYS][ MSE = 0.0652 | LCC = 0.9778 | SRCC = 0.9590 ]
[Test(last)][61][UTT][ GML = 0.239656 | AML = 0.457592 | MoV = 0.225824 | VoV = 0.001639 ] [SYS][ GML = 0.000000 | AML = 0.696152 | MoV = 0.001881 | VoV = 0.000002 ]
(lxygpu) [x_xlian@node031 ProMOSNet]$ client_loop: send disconnect: Broken pipe
lxy@Hope-Liang-MBA ProMOSNet %
```