```
(lxygpu) [x_xlian@node053 DeePMOS]$ python train.py --lamb_c=2 --lamb_t=0 --save_path="./runs/c2/run4/"
Loading all wav files.
100%|████████████████████████████████████████████████████████████████████████████████████████████████████████████████████| 54040/54040 [07:57<00:00, 113.27it/s]
/proj/ihorse_2021/users/x_xlian/ProMOSNet/DeePMOS/dataset.py:59: 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, 28.65it/s]
/proj/ihorse_2021/users/x_xlian/ProMOSNet/DeePMOS/dataset.py:59: 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, 28.51it/s]
/proj/ihorse_2021/users/x_xlian/ProMOSNet/DeePMOS/dataset.py:59: 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 [03:27<00:00,  4.07 step/s]
Average loss=1939.28271484375
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.27 step/s]

[Valid(teacher)][0][UTT][ MSE = 2.9536 | LCC = 0.4739 | SRCC = 0.4522 ] [SYS][ MSE = 2.8349 | LCC = 0.8237 | SRCC = 0.8250 ]
[Valid(teacher)][0][UTT][ AML = 0.156160 | MoV = 0.840439 | VoV = 0.017239 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.6282081604003906
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.07 step/s]

[Valid(teacher)][1][UTT][ MSE = 1.6982 | LCC = 0.5496 | SRCC = 0.5146 ] [SYS][ MSE = 1.4272 | LCC = 0.8881 | SRCC = 0.8489 ]
[Valid(teacher)][1][UTT][ AML = 0.227260 | MoV = 0.619964 | VoV = 0.033542 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.47893503308296284
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.74 step/s]

[Valid(teacher)][2][UTT][ MSE = 0.6995 | LCC = 0.5846 | SRCC = 0.5458 ] [SYS][ MSE = 0.3178 | LCC = 0.9101 | SRCC = 0.8687 ]
[Valid(teacher)][2][UTT][ AML = 0.352939 | MoV = 0.555865 | VoV = 0.020544 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.427196204662323
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.72 step/s]

[Valid(teacher)][3][UTT][ MSE = 0.5161 | LCC = 0.6061 | SRCC = 0.5634 ] [SYS][ MSE = 0.0938 | LCC = 0.9339 | SRCC = 0.8810 ]
[Valid(teacher)][3][UTT][ AML = 0.390762 | MoV = 0.515948 | VoV = 0.006837 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=0.3998977541923523
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.34 step/s]

[Valid(teacher)][4][UTT][ MSE = 0.5034 | LCC = 0.6247 | SRCC = 0.5773 ] [SYS][ MSE = 0.0847 | LCC = 0.9497 | SRCC = 0.8906 ]
[Valid(teacher)][4][UTT][ AML = 0.402854 | MoV = 0.469422 | VoV = 0.003588 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.38130202809442444
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.27 step/s]

[Valid(teacher)][5][UTT][ MSE = 0.4847 | LCC = 0.6277 | SRCC = 0.5810 ] [SYS][ MSE = 0.0611 | LCC = 0.9504 | SRCC = 0.8851 ]
[Valid(teacher)][5][UTT][ AML = 0.405682 | MoV = 0.474084 | VoV = 0.003367 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.3676620125770569
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.20 step/s]

[Valid(teacher)][6][UTT][ MSE = 0.4781 | LCC = 0.6323 | SRCC = 0.5857 ] [SYS][ MSE = 0.0558 | LCC = 0.9537 | SRCC = 0.8988 ]
[Valid(teacher)][6][UTT][ AML = 0.407747 | MoV = 0.470814 | VoV = 0.003241 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.3530348539352417
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.23 step/s]

[Valid(teacher)][7][UTT][ MSE = 0.4856 | LCC = 0.6367 | SRCC = 0.5910 ] [SYS][ MSE = 0.0677 | LCC = 0.9580 | SRCC = 0.8913 ]
[Valid(teacher)][7][UTT][ AML = 0.408968 | MoV = 0.458564 | VoV = 0.003212 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.33936506509780884
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.41 step/s]

[Valid(teacher)][8][UTT][ MSE = 0.5038 | LCC = 0.6396 | SRCC = 0.5952 ] [SYS][ MSE = 0.0901 | LCC = 0.9625 | SRCC = 0.8961 ]
[Valid(teacher)][8][UTT][ AML = 0.408100 | MoV = 0.445797 | VoV = 0.003272 ]
Train: 100% 845/845 [03:24<00:00,  4.12 step/s]
Average loss=0.3258751928086305
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.19 step/s]

[Valid(teacher)][9][UTT][ MSE = 0.5010 | LCC = 0.6440 | SRCC = 0.5997 ] [SYS][ MSE = 0.0890 | LCC = 0.9655 | SRCC = 0.9036 ]
[Valid(teacher)][9][UTT][ AML = 0.410535 | MoV = 0.437710 | VoV = 0.003205 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.31329876184465
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.57 step/s]

[Valid(teacher)][10][UTT][ MSE = 0.5121 | LCC = 0.6471 | SRCC = 0.6031 ] [SYS][ MSE = 0.1041 | LCC = 0.9689 | SRCC = 0.9145 ]
[Valid(teacher)][10][UTT][ AML = 0.410199 | MoV = 0.428059 | VoV = 0.003081 ]
Train: 100% 845/845 [03:24<00:00,  4.12 step/s]
Average loss=0.3021400570869446
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.45 step/s]

[Valid(teacher)][11][UTT][ MSE = 0.5113 | LCC = 0.6504 | SRCC = 0.6071 ] [SYS][ MSE = 0.1057 | LCC = 0.9707 | SRCC = 0.9166 ]
[Valid(teacher)][11][UTT][ AML = 0.411772 | MoV = 0.421164 | VoV = 0.003032 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=0.29201790690042286
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.31 step/s]

[Valid(teacher)][12][UTT][ MSE = 0.5070 | LCC = 0.6540 | SRCC = 0.6115 ] [SYS][ MSE = 0.1033 | LCC = 0.9723 | SRCC = 0.9166 ]
[Valid(teacher)][12][UTT][ AML = 0.414090 | MoV = 0.414214 | VoV = 0.002902 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.27883201837539673
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.14 step/s]

[Valid(teacher)][13][UTT][ MSE = 0.4993 | LCC = 0.6579 | SRCC = 0.6164 ] [SYS][ MSE = 0.0975 | LCC = 0.9742 | SRCC = 0.9337 ]
[Valid(teacher)][13][UTT][ AML = 0.416886 | MoV = 0.408563 | VoV = 0.002739 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=0.26825723052024884
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.71 step/s]

[Valid(teacher)][14][UTT][ MSE = 0.4861 | LCC = 0.6609 | SRCC = 0.6201 ] [SYS][ MSE = 0.0850 | LCC = 0.9752 | SRCC = 0.9371 ]
[Valid(teacher)][14][UTT][ AML = 0.420949 | MoV = 0.403432 | VoV = 0.002648 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.2599950065369184
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.23 step/s]

[Valid(teacher)][15][UTT][ MSE = 0.4911 | LCC = 0.6609 | SRCC = 0.6213 ] [SYS][ MSE = 0.0905 | LCC = 0.9758 | SRCC = 0.9364 ]
[Valid(teacher)][15][UTT][ AML = 0.421448 | MoV = 0.395516 | VoV = 0.002534 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.24706484377384186
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.60 step/s]

[Valid(teacher)][16][UTT][ MSE = 0.5041 | LCC = 0.6614 | SRCC = 0.6223 ] [SYS][ MSE = 0.1058 | LCC = 0.9775 | SRCC = 0.9330 ]
[Valid(teacher)][16][UTT][ AML = 0.420344 | MoV = 0.387143 | VoV = 0.002489 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=0.23717764019966125
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.50 step/s]

[Valid(teacher)][17][UTT][ MSE = 0.4798 | LCC = 0.6649 | SRCC = 0.6263 ] [SYS][ MSE = 0.0811 | LCC = 0.9779 | SRCC = 0.9364 ]
[Valid(teacher)][17][UTT][ AML = 0.426843 | MoV = 0.382129 | VoV = 0.002304 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=0.22505919635295868
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.55 step/s]

[Valid(teacher)][18][UTT][ MSE = 0.4907 | LCC = 0.6652 | SRCC = 0.6266 ] [SYS][ MSE = 0.0942 | LCC = 0.9797 | SRCC = 0.9364 ]
[Valid(teacher)][18][UTT][ AML = 0.425929 | MoV = 0.374051 | VoV = 0.002193 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.22294328166110992
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.54 step/s]

[Valid(teacher)][19][UTT][ MSE = 0.4736 | LCC = 0.6669 | SRCC = 0.6289 ] [SYS][ MSE = 0.0747 | LCC = 0.9802 | SRCC = 0.9344 ]
[Valid(teacher)][19][UTT][ AML = 0.431104 | MoV = 0.369238 | VoV = 0.002076 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.20508566053829193
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.94 step/s]

[Valid(teacher)][20][UTT][ MSE = 0.4786 | LCC = 0.6669 | SRCC = 0.6290 ] [SYS][ MSE = 0.0813 | LCC = 0.9811 | SRCC = 0.9378 ]
[Valid(teacher)][20][UTT][ AML = 0.431097 | MoV = 0.362754 | VoV = 0.001959 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.19778713583946228
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.29 step/s]

[Valid(teacher)][21][UTT][ MSE = 0.4637 | LCC = 0.6675 | SRCC = 0.6296 ] [SYS][ MSE = 0.0637 | LCC = 0.9808 | SRCC = 0.9378 ]
[Valid(teacher)][21][UTT][ AML = 0.436273 | MoV = 0.356773 | VoV = 0.001796 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.26517018675580414
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.67 step/s]

[Valid(teacher)][22][UTT][ MSE = 0.4654 | LCC = 0.6676 | SRCC = 0.6296 ] [SYS][ MSE = 0.0656 | LCC = 0.9816 | SRCC = 0.9439 ]
[Valid(teacher)][22][UTT][ AML = 0.436970 | MoV = 0.351951 | VoV = 0.001702 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=0.18033947050571442
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.47 step/s]

[Valid(teacher)][23][UTT][ MSE = 0.4593 | LCC = 0.6677 | SRCC = 0.6302 ] [SYS][ MSE = 0.0583 | LCC = 0.9819 | SRCC = 0.9432 ]
[Valid(teacher)][23][UTT][ AML = 0.440053 | MoV = 0.346682 | VoV = 0.001725 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=0.19105185568332672
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.62 step/s]

[Valid(teacher)][24][UTT][ MSE = 0.4673 | LCC = 0.6666 | SRCC = 0.6287 ] [SYS][ MSE = 0.0652 | LCC = 0.9828 | SRCC = 0.9432 ]
[Valid(teacher)][24][UTT][ AML = 0.439571 | MoV = 0.340198 | VoV = 0.001739 ]
Train: 100% 845/845 [03:24<00:00,  4.12 step/s]
Average loss=0.42428389191627
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.25 step/s]

[Valid(teacher)][25][UTT][ MSE = 0.4669 | LCC = 0.6649 | SRCC = 0.6270 ] [SYS][ MSE = 0.0628 | LCC = 0.9819 | SRCC = 0.9412 ]
[Valid(teacher)][25][UTT][ AML = 0.440888 | MoV = 0.334543 | VoV = 0.001650 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=0.14167743921279987
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.00 step/s]

[Valid(teacher)][26][UTT][ MSE = 0.4668 | LCC = 0.6640 | SRCC = 0.6267 ] [SYS][ MSE = 0.0605 | LCC = 0.9822 | SRCC = 0.9412 ]
[Valid(teacher)][26][UTT][ AML = 0.442545 | MoV = 0.328397 | VoV = 0.001617 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.14013874530792236
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.66 step/s]

[Valid(teacher)][27][UTT][ MSE = 0.4645 | LCC = 0.6641 | SRCC = 0.6267 ] [SYS][ MSE = 0.0577 | LCC = 0.9827 | SRCC = 0.9480 ]
[Valid(teacher)][27][UTT][ AML = 0.444645 | MoV = 0.323352 | VoV = 0.001616 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.12319755554199219
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.12 step/s]

[Valid(teacher)][28][UTT][ MSE = 0.4749 | LCC = 0.6632 | SRCC = 0.6258 ] [SYS][ MSE = 0.0672 | LCC = 0.9837 | SRCC = 0.9501 ]
[Valid(teacher)][28][UTT][ AML = 0.443655 | MoV = 0.316536 | VoV = 0.001610 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=0.11781992018222809
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.79 step/s]
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[Valid(teacher)][29][UTT][ MSE = 0.4710 | LCC = 0.6610 | SRCC = 0.6229 ] [SYS][ MSE = 0.0598 | LCC = 0.9822 | SRCC = 0.9487 ]
[Valid(teacher)][29][UTT][ AML = 0.446075 | MoV = 0.311917 | VoV = 0.001621 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.11007192730983625
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.39 step/s]

[Valid(teacher)][30][UTT][ MSE = 0.4720 | LCC = 0.6610 | SRCC = 0.6227 ] [SYS][ MSE = 0.0616 | LCC = 0.9830 | SRCC = 0.9419 ]
[Valid(teacher)][30][UTT][ AML = 0.446650 | MoV = 0.307865 | VoV = 0.001603 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=0.10069625079631805
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.10 step/s]

[Valid(teacher)][31][UTT][ MSE = 0.4634 | LCC = 0.6615 | SRCC = 0.6231 ] [SYS][ MSE = 0.0521 | LCC = 0.9832 | SRCC = 0.9446 ]
[Valid(teacher)][31][UTT][ AML = 0.450083 | MoV = 0.304977 | VoV = 0.001527 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.08765561878681183
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.11 step/s]

[Valid(teacher)][32][UTT][ MSE = 0.4723 | LCC = 0.6601 | SRCC = 0.6209 ] [SYS][ MSE = 0.0606 | LCC = 0.9832 | SRCC = 0.9378 ]
[Valid(teacher)][32][UTT][ AML = 0.448460 | MoV = 0.300199 | VoV = 0.001498 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.07750789821147919
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.43 step/s]

[Valid(teacher)][33][UTT][ MSE = 0.4781 | LCC = 0.6594 | SRCC = 0.6207 ] [SYS][ MSE = 0.0654 | LCC = 0.9842 | SRCC = 0.9474 ]
[Valid(teacher)][33][UTT][ AML = 0.448504 | MoV = 0.294974 | VoV = 0.001551 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.07400334626436234
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.43 step/s]

[Valid(teacher)][34][UTT][ MSE = 0.4748 | LCC = 0.6577 | SRCC = 0.6193 ] [SYS][ MSE = 0.0589 | LCC = 0.9836 | SRCC = 0.9480 ]
[Valid(teacher)][34][UTT][ AML = 0.450359 | MoV = 0.291643 | VoV = 0.001516 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.06499763578176498
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.28 step/s]

[Valid(teacher)][35][UTT][ MSE = 0.4701 | LCC = 0.6571 | SRCC = 0.6193 ] [SYS][ MSE = 0.0527 | LCC = 0.9835 | SRCC = 0.9391 ]
[Valid(teacher)][35][UTT][ AML = 0.452748 | MoV = 0.288329 | VoV = 0.001509 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=0.05503937096595764
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.14 step/s]

[Valid(teacher)][36][UTT][ MSE = 0.4689 | LCC = 0.6575 | SRCC = 0.6198 ] [SYS][ MSE = 0.0503 | LCC = 0.9837 | SRCC = 0.9385 ]
[Valid(teacher)][36][UTT][ AML = 0.454261 | MoV = 0.284193 | VoV = 0.001542 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=0.04797125235199928
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.49 step/s]

[Valid(teacher)][37][UTT][ MSE = 0.4635 | LCC = 0.6546 | SRCC = 0.6173 ] [SYS][ MSE = 0.0399 | LCC = 0.9819 | SRCC = 0.9391 ]
[Valid(teacher)][37][UTT][ AML = 0.456767 | MoV = 0.280938 | VoV = 0.001524 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.04104184359312075
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.62 step/s]

[Valid(teacher)][38][UTT][ MSE = 0.4607 | LCC = 0.6541 | SRCC = 0.6169 ] [SYS][ MSE = 0.0345 | LCC = 0.9824 | SRCC = 0.9439 ]
[Valid(teacher)][38][UTT][ AML = 0.458913 | MoV = 0.277098 | VoV = 0.001518 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.03275001049041748
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.32 step/s]

[Valid(teacher)][39][UTT][ MSE = 0.4652 | LCC = 0.6507 | SRCC = 0.6144 ] [SYS][ MSE = 0.0357 | LCC = 0.9810 | SRCC = 0.9378 ]
[Valid(teacher)][39][UTT][ AML = 0.458180 | MoV = 0.274378 | VoV = 0.001554 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=0.02632074803113974
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.34 step/s]

[Valid(teacher)][40][UTT][ MSE = 0.4634 | LCC = 0.6499 | SRCC = 0.6138 ] [SYS][ MSE = 0.0321 | LCC = 0.9813 | SRCC = 0.9398 ]
[Valid(teacher)][40][UTT][ AML = 0.459417 | MoV = 0.271276 | VoV = 0.001544 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.02080726437270641
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.46 step/s]

[Valid(teacher)][41][UTT][ MSE = 0.4638 | LCC = 0.6487 | SRCC = 0.6125 ] [SYS][ MSE = 0.0318 | LCC = 0.9811 | SRCC = 0.9385 ]
[Valid(teacher)][41][UTT][ AML = 0.460236 | MoV = 0.268968 | VoV = 0.001589 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.01719841919839382
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.94 step/s]

[Valid(teacher)][42][UTT][ MSE = 0.4614 | LCC = 0.6493 | SRCC = 0.6143 ] [SYS][ MSE = 0.0295 | LCC = 0.9814 | SRCC = 0.9487 ]
[Valid(teacher)][42][UTT][ AML = 0.462197 | MoV = 0.265122 | VoV = 0.001531 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.0024183508049556923
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.52 step/s]

[Valid(teacher)][43][UTT][ MSE = 0.4639 | LCC = 0.6476 | SRCC = 0.6129 ] [SYS][ MSE = 0.0303 | LCC = 0.9807 | SRCC = 0.9480 ]
[Valid(teacher)][43][UTT][ AML = 0.462101 | MoV = 0.261958 | VoV = 0.001458 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.0009469428914599121
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.54 step/s]

[Valid(teacher)][44][UTT][ MSE = 0.4633 | LCC = 0.6459 | SRCC = 0.6119 ] [SYS][ MSE = 0.0279 | LCC = 0.9797 | SRCC = 0.9371 ]
[Valid(teacher)][44][UTT][ AML = 0.463465 | MoV = 0.259225 | VoV = 0.001514 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.007641717791557312
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.92 step/s]

[Valid(teacher)][45][UTT][ MSE = 0.4609 | LCC = 0.6467 | SRCC = 0.6134 ] [SYS][ MSE = 0.0272 | LCC = 0.9799 | SRCC = 0.9603 ]
[Valid(teacher)][45][UTT][ AML = 0.465845 | MoV = 0.257334 | VoV = 0.001504 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=-0.014977198643548965
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.31 step/s]

[Valid(teacher)][46][UTT][ MSE = 0.4631 | LCC = 0.6445 | SRCC = 0.6106 ] [SYS][ MSE = 0.0283 | LCC = 0.9796 | SRCC = 0.9460 ]
[Valid(teacher)][46][UTT][ AML = 0.464063 | MoV = 0.256999 | VoV = 0.001495 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.02060816232705116
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.76 step/s]

[Valid(teacher)][47][UTT][ MSE = 0.4649 | LCC = 0.6426 | SRCC = 0.6095 ] [SYS][ MSE = 0.0269 | LCC = 0.9781 | SRCC = 0.9398 ]
[Valid(teacher)][47][UTT][ AML = 0.464964 | MoV = 0.254232 | VoV = 0.001496 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.026832744479179382
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.50 step/s]

[Valid(teacher)][48][UTT][ MSE = 0.4674 | LCC = 0.6402 | SRCC = 0.6071 ] [SYS][ MSE = 0.0276 | LCC = 0.9778 | SRCC = 0.9385 ]
[Valid(teacher)][48][UTT][ AML = 0.464674 | MoV = 0.252076 | VoV = 0.001517 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.03318722173571866
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.59 step/s]

[Valid(teacher)][49][UTT][ MSE = 0.4678 | LCC = 0.6402 | SRCC = 0.6067 ] [SYS][ MSE = 0.0294 | LCC = 0.9791 | SRCC = 0.9398 ]
[Valid(teacher)][49][UTT][ AML = 0.464326 | MoV = 0.250098 | VoV = 0.001529 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.04329304769635265
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.38 step/s]

[Valid(teacher)][50][UTT][ MSE = 0.4695 | LCC = 0.6378 | SRCC = 0.6049 ] [SYS][ MSE = 0.0270 | LCC = 0.9776 | SRCC = 0.9412 ]
[Valid(teacher)][50][UTT][ AML = 0.465570 | MoV = 0.246814 | VoV = 0.001532 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=-0.04804221913218498
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.45 step/s]

[Valid(teacher)][51][UTT][ MSE = 0.4675 | LCC = 0.6403 | SRCC = 0.6077 ] [SYS][ MSE = 0.0291 | LCC = 0.9793 | SRCC = 0.9549 ]
[Valid(teacher)][51][UTT][ AML = 0.465824 | MoV = 0.243979 | VoV = 0.001503 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=-0.05310485512018204
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.98 step/s]

[Valid(teacher)][52][UTT][ MSE = 0.4681 | LCC = 0.6384 | SRCC = 0.6055 ] [SYS][ MSE = 0.0294 | LCC = 0.9777 | SRCC = 0.9337 ]
[Valid(teacher)][52][UTT][ AML = 0.466121 | MoV = 0.243259 | VoV = 0.001561 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.05776602402329445
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.39 step/s]

[Valid(teacher)][53][UTT][ MSE = 0.4668 | LCC = 0.6389 | SRCC = 0.6064 ] [SYS][ MSE = 0.0298 | LCC = 0.9780 | SRCC = 0.9439 ]
[Valid(teacher)][53][UTT][ AML = 0.466846 | MoV = 0.242133 | VoV = 0.001476 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.06451648473739624
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.78 step/s]

[Valid(teacher)][54][UTT][ MSE = 0.4683 | LCC = 0.6368 | SRCC = 0.6045 ] [SYS][ MSE = 0.0300 | LCC = 0.9770 | SRCC = 0.9446 ]
[Valid(teacher)][54][UTT][ AML = 0.467463 | MoV = 0.239643 | VoV = 0.001467 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=-0.07221012562513361
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.90 step/s]

[Valid(teacher)][55][UTT][ MSE = 0.4694 | LCC = 0.6364 | SRCC = 0.6039 ] [SYS][ MSE = 0.0291 | LCC = 0.9766 | SRCC = 0.9385 ]
[Valid(teacher)][55][UTT][ AML = 0.468113 | MoV = 0.237651 | VoV = 0.001470 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=-0.07696712762117386
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.91 step/s]

[Valid(teacher)][56][UTT][ MSE = 0.4681 | LCC = 0.6375 | SRCC = 0.6051 ] [SYS][ MSE = 0.0285 | LCC = 0.9769 | SRCC = 0.9337 ]
[Valid(teacher)][56][UTT][ AML = 0.469654 | MoV = 0.234219 | VoV = 0.001433 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.064191050825025032
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.76 step/s]

[Valid(teacher)][57][UTT][ MSE = 0.4711 | LCC = 0.6358 | SRCC = 0.6038 ] [SYS][ MSE = 0.0278 | LCC = 0.9765 | SRCC = 0.9330 ]
[Valid(teacher)][57][UTT][ AML = 0.469899 | MoV = 0.233335 | VoV = 0.001509 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.08984066681861877
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.69 step/s]

[Valid(teacher)][58][UTT][ MSE = 0.4745 | LCC = 0.6328 | SRCC = 0.6012 ] [SYS][ MSE = 0.0293 | LCC = 0.9757 | SRCC = 0.9296 ]
[Valid(teacher)][58][UTT][ AML = 0.469361 | MoV = 0.231715 | VoV = 0.001542 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=-0.09882063418626785
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.04 step/s]

[Valid(teacher)][59][UTT][ MSE = 0.4759 | LCC = 0.6332 | SRCC = 0.6021 ] [SYS][ MSE = 0.0310 | LCC = 0.9745 | SRCC = 0.9337 ]
[Valid(teacher)][59][UTT][ AML = 0.470272 | MoV = 0.228209 | VoV = 0.001516 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=-0.10484085915498735
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.97 step/s]

[Valid(teacher)][60][UTT][ MSE = 0.4780 | LCC = 0.6315 | SRCC = 0.6008 ] [SYS][ MSE = 0.0323 | LCC = 0.9736 | SRCC = 0.9405 ]
[Valid(teacher)][60][UTT][ AML = 0.470173 | MoV = 0.225475 | VoV = 0.001485 ]
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 contiguous chunk of memory. This means they need to be compacted at every call, poss
ibly greatly increasing memory usage. To compact weights again call flatten_parameters(). (Triggered internally at ../aten/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, 195.98 step/s]

[Test(best)][61][UTT][ MSE = 0.4418 | LCC = 0.6835 | SRCC = 0.6492 ] [SYS][ MSE = 0.0465 | LCC = 0.9859 | SRCC = 0.9569 ]
[Test(best)][61][UTT][ AML = 0.448739 | MoV = 0.345835 | VoV = 0.001783 ]
(lxygpu) [x_xlian@node053 DeePMOS]$
```