```
(lxygpu) [x_xlian@node001 DeePMOS]$ python train.py --lamb_c=2 --lamb_t=0 --save_path="./runs/c2/run8/"
Loading all wav files.
100%|████████████████████████████████████████████████████████████████████████████████████████████████████████████████████████| 54040/54040 [07:36<00:00, 118.46it/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 [01:40<00:00, 29.81it/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 [02:15<00:00, 29.51it/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 [03:25<00:00,  4.11 step/s]
Average loss=5204.654296875
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.71 step/s]

[Valid(teacher)][0][UTT][ MSE = 4.6206 | LCC = 0.4020 | SRCC = 0.3931 ] [SYS][ MSE = 4.5967 | LCC = 0.6792 | SRCC = 0.7497 ]
[Valid(teacher)][0][UTT][ AML = 0.079327 | MoV = 0.612939 | VoV = 0.010853 ]
Train: 100% 845/845 [03:22<00:00,  4.16 step/s]
Average loss=0.6428185105323792
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.92 step/s]

[Valid(teacher)][1][UTT][ MSE = 3.0536 | LCC = 0.5341 | SRCC = 0.5078 ] [SYS][ MSE = 2.8446 | LCC = 0.8582 | SRCC = 0.8605 ]
[Valid(teacher)][1][UTT][ AML = 0.116243 | MoV = 0.507845 | VoV = 0.037144 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=0.49157413840293884
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.51 step/s]

[Valid(teacher)][2][UTT][ MSE = 2.1007 | LCC = 0.5699 | SRCC = 0.5359 ] [SYS][ MSE = 1.7885 | LCC = 0.9013 | SRCC = 0.8598 ]
[Valid(teacher)][2][UTT][ AML = 0.173987 | MoV = 0.483208 | VoV = 0.020447 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=0.43195369839668274
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.79 step/s]

[Valid(teacher)][3][UTT][ MSE = 1.8635 | LCC = 0.5876 | SRCC = 0.5483 ] [SYS][ MSE = 1.5324 | LCC = 0.9258 | SRCC = 0.8660 ]
[Valid(teacher)][3][UTT][ AML = 0.196063 | MoV = 0.358778 | VoV = 0.011331 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.4023497104447754
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.60 step/s]

[Valid(teacher)][4][UTT][ MSE = 1.8000 | LCC = 0.5941 | SRCC = 0.5530 ] [SYS][ MSE = 1.4586 | LCC = 0.9407 | SRCC = 0.8831 ]
[Valid(teacher)][4][UTT][ AML = 0.203970 | MoV = 0.348337 | VoV = 0.008017 ]
Train: 100% 845/845 [03:21<00:00,  4.20 step/s]
Average loss=0.3872963786125183
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.84 step/s]

[Valid(teacher)][5][UTT][ MSE = 1.9713 | LCC = 0.5961 | SRCC = 0.5549 ] [SYS][ MSE = 1.6399 | LCC = 0.9453 | SRCC = 0.8913 ]
[Valid(teacher)][5][UTT][ AML = 0.183861 | MoV = 0.335891 | VoV = 0.007596 ]
Train: 100% 845/845 [03:21<00:00,  4.18 step/s]
Average loss=0.37060269713401794
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.18 step/s]

[Valid(teacher)][6][UTT][ MSE = 2.1511 | LCC = 0.5986 | SRCC = 0.5582 ] [SYS][ MSE = 1.8337 | LCC = 0.9508 | SRCC = 0.9036 ]
[Valid(teacher)][6][UTT][ AML = 0.164930 | MoV = 0.323063 | VoV = 0.006795 ]
Train: 100% 845/845 [03:22<00:00,  4.16 step/s]
Average loss=0.3596251308917999
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.30 step/s]

[Valid(teacher)][7][UTT][ MSE = 2.1405 | LCC = 0.6009 | SRCC = 0.5618 ] [SYS][ MSE = 1.8273 | LCC = 0.9555 | SRCC = 0.9029 ]
[Valid(teacher)][7][UTT][ AML = 0.167389 | MoV = 0.323550 | VoV = 0.006014 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.34258347749710083
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.82 step/s]

[Valid(teacher)][8][UTT][ MSE = 1.9969 | LCC = 0.6051 | SRCC = 0.5681 ] [SYS][ MSE = 1.6778 | LCC = 0.9601 | SRCC = 0.9015 ]
[Valid(teacher)][8][UTT][ AML = 0.183887 | MoV = 0.327490 | VoV = 0.005412 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.3339140117164265
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.26 step/s]

[Valid(teacher)][9][UTT][ MSE = 1.7910 | LCC = 0.6064 | SRCC = 0.5746 ] [SYS][ MSE = 1.4600 | LCC = 0.9623 | SRCC = 0.9166 ]
[Valid(teacher)][9][UTT][ AML = 0.209031 | MoV = 0.337760 | VoV = 0.004809 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=0.32036861777305603
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.85 step/s]

[Valid(teacher)][10][UTT][ MSE = 1.6912 | LCC = 0.6055 | SRCC = 0.5792 ] [SYS][ MSE = 1.3528 | LCC = 0.9628 | SRCC = 0.9125 ]
[Valid(teacher)][10][UTT][ AML = 0.222104 | MoV = 0.339643 | VoV = 0.004394 ]
Train: 100% 845/845 [03:22<00:00,  4.17 step/s]
Average loss=0.31014177203178406
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.45 step/s]

[Valid(teacher)][11][UTT][ MSE = 1.4827 | LCC = 0.6066 | SRCC = 0.5874 ] [SYS][ MSE = 1.1256 | LCC = 0.9612 | SRCC = 0.9125 ]
[Valid(teacher)][11][UTT][ AML = 0.248928 | MoV = 0.348987 | VoV = 0.004173 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.29835909605026245
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.41 step/s]

[Valid(teacher)][12][UTT][ MSE = 1.3053 | LCC = 0.6075 | SRCC = 0.5935 ] [SYS][ MSE = 0.9307 | LCC = 0.9588 | SRCC = 0.9166 ]
[Valid(teacher)][12][UTT][ AML = 0.274026 | MoV = 0.355259 | VoV = 0.004079 ]
Train: 100% 845/845 [03:22<00:00,  4.17 step/s]
Average loss=0.2873028814792633
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.45 step/s]

[Valid(teacher)][13][UTT][ MSE = 1.2347 | LCC = 0.6053 | SRCC = 0.5942 ] [SYS][ MSE = 0.8518 | LCC = 0.9578 | SRCC = 0.9145 ]
[Valid(teacher)][13][UTT][ AML = 0.285458 | MoV = 0.353560 | VoV = 0.003943 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.27571386098861694
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.39 step/s]

[Valid(teacher)][14][UTT][ MSE = 1.1863 | LCC = 0.6045 | SRCC = 0.5956 ] [SYS][ MSE = 0.7982 | LCC = 0.9568 | SRCC = 0.9221 ]
[Valid(teacher)][14][UTT][ AML = 0.293445 | MoV = 0.350667 | VoV = 0.003947 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.2679224908351898
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.94 step/s]

[Valid(teacher)][15][UTT][ MSE = 1.0671 | LCC = 0.6090 | SRCC = 0.6000 ] [SYS][ MSE = 0.6660 | LCC = 0.9580 | SRCC = 0.9193 ]
[Valid(teacher)][15][UTT][ AML = 0.312618 | MoV = 0.353186 | VoV = 0.003629 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.25336405634880066
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.19 step/s]

[Valid(teacher)][16][UTT][ MSE = 1.0185 | LCC = 0.6106 | SRCC = 0.6011 ] [SYS][ MSE = 0.6110 | LCC = 0.9596 | SRCC = 0.9186 ]
[Valid(teacher)][16][UTT][ AML = 0.321204 | MoV = 0.352470 | VoV = 0.003295 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.24307085573673248
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.73 step/s]

[Valid(teacher)][17][UTT][ MSE = 0.9411 | LCC = 0.6154 | SRCC = 0.6042 ] [SYS][ MSE = 0.5258 | LCC = 0.9612 | SRCC = 0.9193 ]
[Valid(teacher)][17][UTT][ AML = 0.335474 | MoV = 0.351150 | VoV = 0.003017 ]
Train: 100% 845/845 [03:22<00:00,  4.16 step/s]
Average loss=0.23546110093593597
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.75 step/s]

[Valid(teacher)][18][UTT][ MSE = 0.9558 | LCC = 0.6133 | SRCC = 0.6022 ] [SYS][ MSE = 0.5383 | LCC = 0.9610 | SRCC = 0.9193 ]
[Valid(teacher)][18][UTT][ AML = 0.333815 | MoV = 0.343856 | VoV = 0.003037 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.22710421681404114
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.40 step/s]

[Valid(teacher)][19][UTT][ MSE = 0.8769 | LCC = 0.6185 | SRCC = 0.6041 ] [SYS][ MSE = 0.4535 | LCC = 0.9634 | SRCC = 0.9268 ]
[Valid(teacher)][19][UTT][ AML = 0.348911 | MoV = 0.344068 | VoV = 0.002838 ]
Train: 100% 845/845 [03:22<00:00,  4.17 step/s]
Average loss=0.2155706584535828
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.92 step/s]

[Valid(teacher)][20][UTT][ MSE = 0.8107 | LCC = 0.6246 | SRCC = 0.6073 ] [SYS][ MSE = 0.3835 | LCC = 0.9654 | SRCC = 0.9268 ]
[Valid(teacher)][20][UTT][ AML = 0.362612 | MoV = 0.341647 | VoV = 0.002794 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.20595817267894745
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.52 step/s]

[Valid(teacher)][21][UTT][ MSE = 0.7363 | LCC = 0.6318 | SRCC = 0.6113 ] [SYS][ MSE = 0.3049 | LCC = 0.9685 | SRCC = 0.9262 ]
[Valid(teacher)][21][UTT][ AML = 0.378587 | MoV = 0.339173 | VoV = 0.002686 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.19266982376575547
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.51 step/s]

[Valid(teacher)][22][UTT][ MSE = 0.7263 | LCC = 0.6352 | SRCC = 0.6139 ] [SYS][ MSE = 0.2949 | LCC = 0.9700 | SRCC = 0.9268 ]
[Valid(teacher)][22][UTT][ AML = 0.381492 | MoV = 0.334273 | VoV = 0.002733 ]
Train: 100% 845/845 [03:22<00:00,  4.16 step/s]
Average loss=0.18320880830287933
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.95 step/s]

[Valid(teacher)][23][UTT][ MSE = 0.6894 | LCC = 0.6381 | SRCC = 0.6155 ] [SYS][ MSE = 0.2540 | LCC = 0.9718 | SRCC = 0.9289 ]
[Valid(teacher)][23][UTT][ AML = 0.391818 | MoV = 0.328726 | VoV = 0.002663 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.17454548180103302
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.81 step/s]

[Valid(teacher)][24][UTT][ MSE = 0.6849 | LCC = 0.6379 | SRCC = 0.6155 ] [SYS][ MSE = 0.2481 | LCC = 0.9728 | SRCC = 0.9289 ]
[Valid(teacher)][24][UTT][ AML = 0.392558 | MoV = 0.324347 | VoV = 0.002441 ]
Train: 100% 845/845 [03:22<00:00,  4.16 step/s]
Average loss=0.16044983267784412
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.89 step/s]

[Valid(teacher)][25][UTT][ MSE = 0.6734 | LCC = 0.6405 | SRCC = 0.6167 ] [SYS][ MSE = 0.2367 | LCC = 0.9749 | SRCC = 0.9391 ]
[Valid(teacher)][25][UTT][ AML = 0.395562 | MoV = 0.319671 | VoV = 0.002442 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.14842580258846283
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.81 step/s]

[Valid(teacher)][26][UTT][ MSE = 0.6890 | LCC = 0.6410 | SRCC = 0.6173 ] [SYS][ MSE = 0.2530 | LCC = 0.9750 | SRCC = 0.9357 ]
[Valid(teacher)][26][UTT][ AML = 0.392756 | MoV = 0.314760 | VoV = 0.002305 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=0.1395828127861023
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.87 step/s]

[Valid(teacher)][27][UTT][ MSE = 0.6621 | LCC = 0.6446 | SRCC = 0.6200 ] [SYS][ MSE = 0.2291 | LCC = 0.9769 | SRCC = 0.9398 ]
[Valid(teacher)][27][UTT][ AML = 0.399672 | MoV = 0.310959 | VoV = 0.002237 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.13077382743358612
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.40 step/s]

[Valid(teacher)][28][UTT][ MSE = 0.6091 | LCC = 0.6491 | SRCC = 0.6235 ] [SYS][ MSE = 0.1751 | LCC = 0.9779 | SRCC = 0.9398 ]
[Valid(teacher)][28][UTT][ AML = 0.413344 | MoV = 0.307938 | VoV = 0.002171 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.12235541641712189
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.16 step/s]
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[Valid(teacher)][29][UTT][ MSE = 0.5847 | LCC = 0.6530 | SRCC = 0.6267 ] [SYS][ MSE = 0.1513 | LCC = 0.9787 | SRCC = 0.9398 ]
[Valid(teacher)][29][UTT][ AML = 0.420230 | MoV = 0.304485 | VoV = 0.002124 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.11878703534603119
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.55 step/s]

[Valid(teacher)][30][UTT][ MSE = 0.5973 | LCC = 0.6505 | SRCC = 0.6246 ] [SYS][ MSE = 0.1619 | LCC = 0.9786 | SRCC = 0.9371 ]
[Valid(teacher)][30][UTT][ AML = 0.418125 | MoV = 0.299828 | VoV = 0.002063 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.10798192024230957
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.02 step/s]

[Valid(teacher)][31][UTT][ MSE = 0.5844 | LCC = 0.6513 | SRCC = 0.6249 ] [SYS][ MSE = 0.1485 | LCC = 0.9791 | SRCC = 0.9385 ]
[Valid(teacher)][31][UTT][ AML = 0.422744 | MoV = 0.295758 | VoV = 0.002034 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.0991620421409607
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.24 step/s]

[Valid(teacher)][32][UTT][ MSE = 0.5936 | LCC = 0.6498 | SRCC = 0.6233 ] [SYS][ MSE = 0.1571 | LCC = 0.9788 | SRCC = 0.9344 ]
[Valid(teacher)][32][UTT][ AML = 0.421914 | MoV = 0.291433 | VoV = 0.001997 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.09235980361700058
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.93 step/s]

[Valid(teacher)][33][UTT][ MSE = 0.5755 | LCC = 0.6510 | SRCC = 0.6235 ] [SYS][ MSE = 0.1419 | LCC = 0.9791 | SRCC = 0.9337 ]
[Valid(teacher)][33][UTT][ AML = 0.427294 | MoV = 0.289954 | VoV = 0.001984 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.08084170520305634
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.87 step/s]

[Valid(teacher)][34][UTT][ MSE = 0.6014 | LCC = 0.6502 | SRCC = 0.6232 ] [SYS][ MSE = 0.1683 | LCC = 0.9787 | SRCC = 0.9357 ]
[Valid(teacher)][34][UTT][ AML = 0.421505 | MoV = 0.284561 | VoV = 0.001960 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.0754273533821106
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.91 step/s]

[Valid(teacher)][35][UTT][ MSE = 0.5810 | LCC = 0.6527 | SRCC = 0.6249 ] [SYS][ MSE = 0.1478 | LCC = 0.9791 | SRCC = 0.9337 ]
[Valid(teacher)][35][UTT][ AML = 0.420086 | MoV = 0.280880 | VoV = 0.002029 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.06677256779504776
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.68 step/s]

[Valid(teacher)][36][UTT][ MSE = 0.5826 | LCC = 0.6523 | SRCC = 0.6247 ] [SYS][ MSE = 0.1478 | LCC = 0.9793 | SRCC = 0.9337 ]
[Valid(teacher)][36][UTT][ AML = 0.428454 | MoV = 0.276416 | VoV = 0.001950 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.059666961431503296
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.50 step/s]

[Valid(teacher)][37][UTT][ MSE = 0.5905 | LCC = 0.6515 | SRCC = 0.6243 ] [SYS][ MSE = 0.1546 | LCC = 0.9791 | SRCC = 0.9344 ]
[Valid(teacher)][37][UTT][ AML = 0.427536 | MoV = 0.271442 | VoV = 0.001953 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.05353788286447525
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.71 step/s]

[Valid(teacher)][38][UTT][ MSE = 0.5983 | LCC = 0.6492 | SRCC = 0.6221 ] [SYS][ MSE = 0.1601 | LCC = 0.9792 | SRCC = 0.9296 ]
[Valid(teacher)][38][UTT][ AML = 0.426508 | MoV = 0.268892 | VoV = 0.001948 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.04421794841991234
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.50 step/s]

[Valid(teacher)][39][UTT][ MSE = 0.5655 | LCC = 0.6522 | SRCC = 0.6244 ] [SYS][ MSE = 0.1262 | LCC = 0.9796 | SRCC = 0.9364 ]
[Valid(teacher)][39][UTT][ AML = 0.437324 | MoV = 0.265612 | VoV = 0.001909 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.03868388384580612
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.62 step/s]

[Valid(teacher)][40][UTT][ MSE = 0.5674 | LCC = 0.6518 | SRCC = 0.6244 ] [SYS][ MSE = 0.1281 | LCC = 0.9800 | SRCC = 0.9350 ]
[Valid(teacher)][40][UTT][ AML = 0.437574 | MoV = 0.263968 | VoV = 0.001820 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.03404378518462181
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.84 step/s]

[Valid(teacher)][41][UTT][ MSE = 0.5296 | LCC = 0.6545 | SRCC = 0.6267 ] [SYS][ MSE = 0.0898 | LCC = 0.9810 | SRCC = 0.9364 ]
[Valid(teacher)][41][UTT][ AML = 0.449270 | MoV = 0.262420 | VoV = 0.001807 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.022431254386901855
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.43 step/s]

[Valid(teacher)][42][UTT][ MSE = 0.5172 | LCC = 0.6548 | SRCC = 0.6265 ] [SYS][ MSE = 0.0788 | LCC = 0.9806 | SRCC = 0.9398 ]
[Valid(teacher)][42][UTT][ AML = 0.453205 | MoV = 0.260325 | VoV = 0.001792 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.020114175975322723
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.66 step/s]

[Valid(teacher)][43][UTT][ MSE = 0.5204 | LCC = 0.6547 | SRCC = 0.6269 ] [SYS][ MSE = 0.0815 | LCC = 0.9808 | SRCC = 0.9432 ]
[Valid(teacher)][43][UTT][ AML = 0.452416 | MoV = 0.257486 | VoV = 0.001797 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.0087560610845685
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.63 step/s]

[Valid(teacher)][44][UTT][ MSE = 0.5398 | LCC = 0.6529 | SRCC = 0.6246 ] [SYS][ MSE = 0.1020 | LCC = 0.9806 | SRCC = 0.9405 ]
[Valid(teacher)][44][UTT][ AML = 0.447481 | MoV = 0.253890 | VoV = 0.001710 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.009933190420269966
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.71 step/s]

[Valid(teacher)][45][UTT][ MSE = 0.5198 | LCC = 0.6539 | SRCC = 0.6252 ] [SYS][ MSE = 0.0821 | LCC = 0.9810 | SRCC = 0.9432 ]
[Valid(teacher)][45][UTT][ AML = 0.453555 | MoV = 0.253776 | VoV = 0.001671 ]
Train: 100% 845/845 [03:22<00:00,  4.16 step/s]
Average loss=-0.0006829985323684216
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.96 step/s]

[Valid(teacher)][46][UTT][ MSE = 0.5151 | LCC = 0.6528 | SRCC = 0.6241 ] [SYS][ MSE = 0.0744 | LCC = 0.9808 | SRCC = 0.9446 ]
[Valid(teacher)][46][UTT][ AML = 0.455929 | MoV = 0.251576 | VoV = 0.001714 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.00710467854151471806
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.72 step/s]

[Valid(teacher)][47][UTT][ MSE = 0.5152 | LCC = 0.6530 | SRCC = 0.6244 ] [SYS][ MSE = 0.0753 | LCC = 0.9810 | SRCC = 0.9439 ]
[Valid(teacher)][47][UTT][ AML = 0.456211 | MoV = 0.249344 | VoV = 0.001732 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.011273969896137714
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.82 step/s]

[Valid(teacher)][48][UTT][ MSE = 0.5018 | LCC = 0.6535 | SRCC = 0.6248 ] [SYS][ MSE = 0.0620 | LCC = 0.9809 | SRCC = 0.9453 ]
[Valid(teacher)][48][UTT][ AML = 0.460934 | MoV = 0.248937 | VoV = 0.001689 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=-0.022641038903594017
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.15 step/s]

[Valid(teacher)][49][UTT][ MSE = 0.4885 | LCC = 0.6546 | SRCC = 0.6259 ] [SYS][ MSE = 0.0482 | LCC = 0.9811 | SRCC = 0.9364 ]
[Valid(teacher)][49][UTT][ AML = 0.465370 | MoV = 0.246991 | VoV = 0.001744 ]
Train: 100% 845/845 [03:22<00:00,  4.16 step/s]
Average loss=-0.02135379053652865
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.05 step/s]

[Valid(teacher)][50][UTT][ MSE = 0.4761 | LCC = 0.6545 | SRCC = 0.6258 ] [SYS][ MSE = 0.0344 | LCC = 0.9814 | SRCC = 0.9453 ]
[Valid(teacher)][50][UTT][ AML = 0.470065 | MoV = 0.245377 | VoV = 0.001717 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=-0.027158843353390694
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.56 step/s]

[Valid(teacher)][51][UTT][ MSE = 0.4723 | LCC = 0.6538 | SRCC = 0.6249 ] [SYS][ MSE = 0.0305 | LCC = 0.9804 | SRCC = 0.9357 ]
[Valid(teacher)][51][UTT][ AML = 0.472312 | MoV = 0.244531 | VoV = 0.001753 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.03477363602647781a
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.33 step/s]

[Valid(teacher)][52][UTT][ MSE = 0.4645 | LCC = 0.6564 | SRCC = 0.6282 ] [SYS][ MSE = 0.0262 | LCC = 0.9817 | SRCC = 0.9378 ]
[Valid(teacher)][52][UTT][ AML = 0.474885 | MoV = 0.243373 | VoV = 0.001744 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.036062739780948593
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.41 step/s]

[Valid(teacher)][53][UTT][ MSE = 0.4653 | LCC = 0.6546 | SRCC = 0.6264 ] [SYS][ MSE = 0.0240 | LCC = 0.9806 | SRCC = 0.9323 ]
[Valid(teacher)][53][UTT][ AML = 0.475662 | MoV = 0.240416 | VoV = 0.001739 ]
Train: 100% 845/845 [03:22<00:00,  4.16 step/s]
Average loss=-0.04758656524038315
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.64 step/s]

[Valid(teacher)][54][UTT][ MSE = 0.4627 | LCC = 0.6554 | SRCC = 0.6275 ] [SYS][ MSE = 0.0249 | LCC = 0.9809 | SRCC = 0.9350 ]
[Valid(teacher)][54][UTT][ AML = 0.476341 | MoV = 0.238852 | VoV = 0.001691 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.0540700692100203
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.45 step/s]

[Valid(teacher)][55][UTT][ MSE = 0.4614 | LCC = 0.6553 | SRCC = 0.6276 ] [SYS][ MSE = 0.0247 | LCC = 0.9803 | SRCC = 0.9316 ]
[Valid(teacher)][55][UTT][ AML = 0.477396 | MoV = 0.237752 | VoV = 0.001703 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=-0.04356897994875908
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.97 step/s]

[Valid(teacher)][56][UTT][ MSE = 0.4645 | LCC = 0.6541 | SRCC = 0.6260 ] [SYS][ MSE = 0.0257 | LCC = 0.9803 | SRCC = 0.9309 ]
[Valid(teacher)][56][UTT][ AML = 0.476031 | MoV = 0.236881 | VoV = 0.001771 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.0665553286716385
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.91 step/s]

[Valid(teacher)][57][UTT][ MSE = 0.4648 | LCC = 0.6538 | SRCC = 0.6257 ] [SYS][ MSE = 0.0259 | LCC = 0.9810 | SRCC = 0.9364 ]
[Valid(teacher)][57][UTT][ AML = 0.476487 | MoV = 0.234503 | VoV = 0.001713 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=-0.069203384220660813
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.81 step/s]

[Valid(teacher)][58][UTT][ MSE = 0.4738 | LCC = 0.6516 | SRCC = 0.6234 ] [SYS][ MSE = 0.0334 | LCC = 0.9808 | SRCC = 0.9275 ]
[Valid(teacher)][58][UTT][ AML = 0.474828 | MoV = 0.232734 | VoV = 0.001751 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=-0.07320891320705414
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.75 step/s]

[Valid(teacher)][59][UTT][ MSE = 0.4663 | LCC = 0.6515 | SRCC = 0.6230 ] [SYS][ MSE = 0.0258 | LCC = 0.9810 | SRCC = 0.9309 ]
[Valid(teacher)][59][UTT][ AML = 0.476640 | MoV = 0.232035 | VoV = 0.001770 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=-0.08090914663100426
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.04 step/s]

[Valid(teacher)][60][UTT][ MSE = 0.4699 | LCC = 0.6518 | SRCC = 0.6231 ] [SYS][ MSE = 0.0292 | LCC = 0.9818 | SRCC = 0.9309 ]
[Valid(teacher)][60][UTT][ AML = 0.475843 | MoV = 0.229866 | VoV = 0.001808 ]
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, 193.57 step/s]

[Test(best)][61][UTT][ MSE = 0.4579 | LCC = 0.6666 | SRCC = 0.6377 ] [SYS][ MSE = 0.0319 | LCC = 0.9737 | SRCC = 0.9590 ]
[Test(best)][61][UTT][ AML = 0.482004 | MoV = 0.242648 | VoV = 0.001738 ]
(lxygpu) [x_xlian@node001 DeePMOS]$
```