```
(lxygpu) [x_xlian@node056 DeePMOS]$ python train.py --lamb_c=1.5 --lamb_t=0 --save_path="./runs/c15e-1/run10/"
Loading all wav files.
100%|█████████████████████████████████████████████████████████████████████████████████████████████████████████████████████████████████████| 54040/54040 [07:54<00:00, 113.88it/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, 28.61it/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, 28.42it/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 [03:26<00:00,  4.10 step/s]
Average loss=7.430628776550293
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.03 step/s]

[Valid(teacher)][0][UTT][ MSE = 2.5626 | LCC = 0.4586 | SRCC = 0.4364 ] [SYS][ MSE = 2.4197 | LCC = 0.7921 | SRCC = 0.8202 ]
[Valid(teacher)][0][UTT][ AML = 0.171979 | MoV = 0.774662 | VoV = 0.027120 ]
Train: 100% 845/845 [03:22<00:00,  4.17 step/s]
Average loss=0.4834511578083383
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.92 step/s]

[Valid(teacher)][1][UTT][ MSE = 1.7517 | LCC = 0.5461 | SRCC = 0.5115 ] [SYS][ MSE = 1.4302 | LCC = 0.9076 | SRCC = 0.8516 ]
[Valid(teacher)][1][UTT][ AML = 0.220465 | MoV = 0.489588 | VoV = 0.022271 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.38436347246170044
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.41 step/s]

[Valid(teacher)][2][UTT][ MSE = 1.0440 | LCC = 0.5677 | SRCC = 0.5250 ] [SYS][ MSE = 0.6198 | LCC = 0.9323 | SRCC = 0.8537 ]
[Valid(teacher)][2][UTT][ AML = 0.311308 | MoV = 0.444394 | VoV = 0.010437 ]
Train: 100% 845/845 [03:22<00:00,  4.16 step/s]
Average loss=0.3493662476539612
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.72 step/s]

[Valid(teacher)][3][UTT][ MSE = 0.7196 | LCC = 0.5970 | SRCC = 0.5500 ] [SYS][ MSE = 0.2932 | LCC = 0.9472 | SRCC = 0.8721 ]
[Valid(teacher)][3][UTT][ AML = 0.365155 | MoV = 0.449737 | VoV = 0.005280 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.3257175087928772
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.54 step/s]

[Valid(teacher)][4][UTT][ MSE = 0.7491 | LCC = 0.6145 | SRCC = 0.5696 ] [SYS][ MSE = 0.3388 | LCC = 0.9546 | SRCC = 0.8708 ]
[Valid(teacher)][4][UTT][ AML = 0.362818 | MoV = 0.430628 | VoV = 0.004426 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.3084966838359833
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.98 step/s]

[Valid(teacher)][5][UTT][ MSE = 0.6995 | LCC = 0.6202 | SRCC = 0.5744 ] [SYS][ MSE = 0.2863 | LCC = 0.9575 | SRCC = 0.8708 ]
[Valid(teacher)][5][UTT][ AML = 0.372032 | MoV = 0.431050 | VoV = 0.004371 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.2962091863155365
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.24 step/s]

[Valid(teacher)][6][UTT][ MSE = 0.6322 | LCC = 0.6287 | SRCC = 0.5817 ] [SYS][ MSE = 0.2164 | LCC = 0.9611 | SRCC = 0.8865 ]
[Valid(teacher)][6][UTT][ AML = 0.385089 | MoV = 0.431332 | VoV = 0.004231 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.28018548143966675
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.34 step/s]

[Valid(teacher)][7][UTT][ MSE = 0.5793 | LCC = 0.6356 | SRCC = 0.5887 ] [SYS][ MSE = 0.1617 | LCC = 0.9637 | SRCC = 0.8926 ]
[Valid(teacher)][7][UTT][ AML = 0.395668 | MoV = 0.431270 | VoV = 0.003660 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.2713342462371063
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.51 step/s]

[Valid(teacher)][8][UTT][ MSE = 0.5995 | LCC = 0.6409 | SRCC = 0.5944 ] [SYS][ MSE = 0.1865 | LCC = 0.9672 | SRCC = 0.9138 ]
[Valid(teacher)][8][UTT][ AML = 0.392581 | MoV = 0.424988 | VoV = 0.003314 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.25282872867202759
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.92 step/s]

[Valid(teacher)][9][UTT][ MSE = 0.5714 | LCC = 0.6457 | SRCC = 0.6003 ] [SYS][ MSE = 0.1595 | LCC = 0.9689 | SRCC = 0.9200 ]
[Valid(teacher)][9][UTT][ AML = 0.399168 | MoV = 0.421267 | VoV = 0.003050 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=0.24884055554866679
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.54 step/s]

[Valid(teacher)][10][UTT][ MSE = 0.6164 | LCC = 0.6466 | SRCC = 0.6028 ] [SYS][ MSE = 0.2088 | LCC = 0.9694 | SRCC = 0.9138 ]
[Valid(teacher)][10][UTT][ AML = 0.391400 | MoV = 0.412855 | VoV = 0.002919 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=0.2346617877483368
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.28 step/s]

[Valid(teacher)][11][UTT][ MSE = 0.5770 | LCC = 0.6502 | SRCC = 0.6070 ] [SYS][ MSE = 0.1669 | LCC = 0.9720 | SRCC = 0.9193 ]
[Valid(teacher)][11][UTT][ AML = 0.400437 | MoV = 0.409076 | VoV = 0.002816 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.2293824702501297
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.82 step/s]

[Valid(teacher)][12][UTT][ MSE = 0.5944 | LCC = 0.6511 | SRCC = 0.6090 ] [SYS][ MSE = 0.1848 | LCC = 0.9725 | SRCC = 0.9104 ]
[Valid(teacher)][12][UTT][ AML = 0.398053 | MoV = 0.402361 | VoV = 0.002712 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.21343542635440826
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.07 step/s]

[Valid(teacher)][13][UTT][ MSE = 0.5965 | LCC = 0.6525 | SRCC = 0.6109 ] [SYS][ MSE = 0.1874 | LCC = 0.9735 | SRCC = 0.9104 ]
[Valid(teacher)][13][UTT][ AML = 0.398370 | MoV = 0.398211 | VoV = 0.002594 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.20450852945613861
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.10 step/s]

[Valid(teacher)][14][UTT][ MSE = 0.5854 | LCC = 0.6548 | SRCC = 0.6141 ] [SYS][ MSE = 0.1752 | LCC = 0.9752 | SRCC = 0.9138 ]
[Valid(teacher)][14][UTT][ AML = 0.401430 | MoV = 0.393468 | VoV = 0.002372 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.1921363025937018
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.67 step/s]

[Valid(teacher)][15][UTT][ MSE = 0.5906 | LCC = 0.6532 | SRCC = 0.6125 ] [SYS][ MSE = 0.1784 | LCC = 0.9752 | SRCC = 0.9111 ]
[Valid(teacher)][15][UTT][ AML = 0.401793 | MoV = 0.386418 | VoV = 0.002251 ]
Train: 100% 845/845 [03:22<00:00,  4.16 step/s]
Average loss=0.18352361023426056
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.22 step/s]

[Valid(teacher)][16][UTT][ MSE = 0.5544 | LCC = 0.6569 | SRCC = 0.6154 ] [SYS][ MSE = 0.1419 | LCC = 0.9767 | SRCC = 0.9084 ]
[Valid(teacher)][16][UTT][ AML = 0.410851 | MoV = 0.381963 | VoV = 0.002183 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.17879407107830048
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.68 step/s]

[Valid(teacher)][17][UTT][ MSE = 0.5955 | LCC = 0.6552 | SRCC = 0.6146 ] [SYS][ MSE = 0.1847 | LCC = 0.9768 | SRCC = 0.9145 ]
[Valid(teacher)][17][UTT][ AML = 0.402755 | MoV = 0.375907 | VoV = 0.002145 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.1676279533623886
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.78 step/s]

[Valid(teacher)][18][UTT][ MSE = 0.5997 | LCC = 0.6574 | SRCC = 0.6169 ] [SYS][ MSE = 0.1906 | LCC = 0.9772 | SRCC = 0.9138 ]
[Valid(teacher)][18][UTT][ AML = 0.402650 | MoV = 0.371242 | VoV = 0.002037 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.15917006134986877
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.24 step/s]

[Valid(teacher)][19][UTT][ MSE = 0.5763 | LCC = 0.6593 | SRCC = 0.6185 ] [SYS][ MSE = 0.1660 | LCC = 0.9780 | SRCC = 0.9268 ]
[Valid(teacher)][19][UTT][ AML = 0.408920 | MoV = 0.367056 | VoV = 0.002097 ]
Train: 100% 845/845 [03:22<00:00,  4.16 step/s]
Average loss=0.15023478865623474
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.80 step/s]

[Valid(teacher)][20][UTT][ MSE = 0.6127 | LCC = 0.6565 | SRCC = 0.6163 ] [SYS][ MSE = 0.2035 | LCC = 0.9768 | SRCC = 0.9179 ]
[Valid(teacher)][20][UTT][ AML = 0.401812 | MoV = 0.359797 | VoV = 0.002074 ]
Train: 100% 845/845 [03:22<00:00,  4.17 step/s]
Average loss=0.13955430686473846
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.85 step/s]

[Valid(teacher)][21][UTT][ MSE = 0.6288 | LCC = 0.6548 | SRCC = 0.6144 ] [SYS][ MSE = 0.2171 | LCC = 0.9765 | SRCC = 0.9111 ]
[Valid(teacher)][21][UTT][ AML = 0.398781 | MoV = 0.355319 | VoV = 0.002025 ]
Train: 100% 845/845 [03:22<00:00,  4.17 step/s]
Average loss=0.1243242621421814
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.32 step/s]

[Valid(teacher)][22][UTT][ MSE = 0.6429 | LCC = 0.6534 | SRCC = 0.6124 ] [SYS][ MSE = 0.2312 | LCC = 0.9761 | SRCC = 0.9111 ]
[Valid(teacher)][22][UTT][ AML = 0.396418 | MoV = 0.349778 | VoV = 0.001944 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.1136966124176979
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.77 step/s]

[Valid(teacher)][23][UTT][ MSE = 0.6598 | LCC = 0.6515 | SRCC = 0.6095 ] [SYS][ MSE = 0.2467 | LCC = 0.9764 | SRCC = 0.9179 ]
[Valid(teacher)][23][UTT][ AML = 0.393490 | MoV = 0.345204 | VoV = 0.001921 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.10938330739736557
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.64 step/s]

[Valid(teacher)][24][UTT][ MSE = 0.6646 | LCC = 0.6488 | SRCC = 0.6057 ] [SYS][ MSE = 0.2497 | LCC = 0.9756 | SRCC = 0.9152 ]
[Valid(teacher)][24][UTT][ AML = 0.393434 | MoV = 0.341036 | VoV = 0.001847 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.0982004776597023
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.28 step/s]

[Valid(teacher)][25][UTT][ MSE = 0.6318 | LCC = 0.6510 | SRCC = 0.6077 ] [SYS][ MSE = 0.2152 | LCC = 0.9765 | SRCC = 0.9111 ]
[Valid(teacher)][25][UTT][ AML = 0.401896 | MoV = 0.335375 | VoV = 0.001807 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.09420015351295471
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.69 step/s]

[Valid(teacher)][26][UTT][ MSE = 0.6493 | LCC = 0.6477 | SRCC = 0.6042 ] [SYS][ MSE = 0.2322 | LCC = 0.9761 | SRCC = 0.9043 ]
[Valid(teacher)][26][UTT][ AML = 0.398645 | MoV = 0.331790 | VoV = 0.001740 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.08801697194576263
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.43 step/s]

[Valid(teacher)][27][UTT][ MSE = 0.6770 | LCC = 0.6426 | SRCC = 0.5985 ] [SYS][ MSE = 0.2568 | LCC = 0.9745 | SRCC = 0.8988 ]
[Valid(teacher)][27][UTT][ AML = 0.393128 | MoV = 0.328515 | VoV = 0.001752 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.08182271569967227
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.83 step/s]

[Valid(teacher)][28][UTT][ MSE = 0.6798 | LCC = 0.6417 | SRCC = 0.5976 ] [SYS][ MSE = 0.2591 | LCC = 0.9750 | SRCC = 0.9050 ]
[Valid(teacher)][28][UTT][ AML = 0.392811 | MoV = 0.326443 | VoV = 0.001753 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.06972111016511917
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.89 step/s]
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[Valid(teacher)][29][UTT][ MSE = 0.6792 | LCC = 0.6413 | SRCC = 0.5975 ] [SYS][ MSE = 0.2559 | LCC = 0.9758 | SRCC = 0.9036 ]
[Valid(teacher)][29][UTT][ AML = 0.393441 | MoV = 0.324390 | VoV = 0.001744 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.05993805825710266
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.78 step/s]

[Valid(teacher)][30][UTT][ MSE = 0.6856 | LCC = 0.6400 | SRCC = 0.5957 ] [SYS][ MSE = 0.2608 | LCC = 0.9764 | SRCC = 0.9043 ]
[Valid(teacher)][30][UTT][ AML = 0.392291 | MoV = 0.322007 | VoV = 0.001756 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.051777821034419304
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.75 step/s]

[Valid(teacher)][31][UTT][ MSE = 0.6750 | LCC = 0.6489 | SRCC = 0.5969 ] [SYS][ MSE = 0.2500 | LCC = 0.9770 | SRCC = 0.9152 ]
[Valid(teacher)][31][UTT][ AML = 0.395501 | MoV = 0.317049 | VoV = 0.001798 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.04323618486523628
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.93 step/s]

[Valid(teacher)][32][UTT][ MSE = 0.6327 | LCC = 0.6469 | SRCC = 0.6037 ] [SYS][ MSE = 0.2076 | LCC = 0.9796 | SRCC = 0.9316 ]
[Valid(teacher)][32][UTT][ AML = 0.406376 | MoV = 0.313152 | VoV = 0.001713 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.03825052450676346
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.51 step/s]

[Valid(teacher)][33][UTT][ MSE = 0.6469 | LCC = 0.6456 | SRCC = 0.6023 ] [SYS][ MSE = 0.2224 | LCC = 0.9788 | SRCC = 0.9371 ]
[Valid(teacher)][33][UTT][ AML = 0.403411 | MoV = 0.311121 | VoV = 0.001717 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.03209355100989342
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.55 step/s]

[Valid(teacher)][34][UTT][ MSE = 0.6486 | LCC = 0.6450 | SRCC = 0.6018 ] [SYS][ MSE = 0.2219 | LCC = 0.9790 | SRCC = 0.9337 ]
[Valid(teacher)][34][UTT][ AML = 0.403476 | MoV = 0.310231 | VoV = 0.001750 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.023609008640050888
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.71 step/s]

[Valid(teacher)][35][UTT][ MSE = 0.6478 | LCC = 0.6468 | SRCC = 0.6050 ] [SYS][ MSE = 0.2210 | LCC = 0.9802 | SRCC = 0.9357 ]
[Valid(teacher)][35][UTT][ AML = 0.404488 | MoV = 0.305107 | VoV = 0.001730 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.018298445269465446
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.05 step/s]

[Valid(teacher)][36][UTT][ MSE = 0.6586 | LCC = 0.6455 | SRCC = 0.6034 ] [SYS][ MSE = 0.2307 | LCC = 0.9807 | SRCC = 0.9412 ]
[Valid(teacher)][36][UTT][ AML = 0.402141 | MoV = 0.303521 | VoV = 0.001817 ]
Train: 100% 845/845 [03:22<00:00,  4.17 step/s]
Average loss=0.012519463896751404
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.25 step/s]

[Valid(teacher)][37][UTT][ MSE = 0.6453 | LCC = 0.6452 | SRCC = 0.6023 ] [SYS][ MSE = 0.2161 | LCC = 0.9812 | SRCC = 0.9405 ]
[Valid(teacher)][37][UTT][ AML = 0.405719 | MoV = 0.301466 | VoV = 0.001871 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.005626716185361147
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.22 step/s]

[Valid(teacher)][38][UTT][ MSE = 0.6304 | LCC = 0.6457 | SRCC = 0.6029 ] [SYS][ MSE = 0.1994 | LCC = 0.9807 | SRCC = 0.9391 ]
[Valid(teacher)][38][UTT][ AML = 0.410254 | MoV = 0.297538 | VoV = 0.001790 ]
Train: 100% 845/845 [03:22<00:00,  4.16 step/s]
Average loss=-0.0008674113196320832
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.54 step/s]

[Valid(teacher)][39][UTT][ MSE = 0.6362 | LCC = 0.6446 | SRCC = 0.6020 ] [SYS][ MSE = 0.2039 | LCC = 0.9813 | SRCC = 0.9385 ]
[Valid(teacher)][39][UTT][ AML = 0.409742 | MoV = 0.293887 | VoV = 0.001765 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=-0.010822007432579994
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.69 step/s]

[Valid(teacher)][40][UTT][ MSE = 0.6471 | LCC = 0.6426 | SRCC = 0.6006 ] [SYS][ MSE = 0.2126 | LCC = 0.9813 | SRCC = 0.9398 ]
[Valid(teacher)][40][UTT][ AML = 0.407607 | MoV = 0.289728 | VoV = 0.001749 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.015643158927559853
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.56 step/s]

[Valid(teacher)][41][UTT][ MSE = 0.6570 | LCC = 0.6404 | SRCC = 0.5979 ] [SYS][ MSE = 0.2200 | LCC = 0.9811 | SRCC = 0.9337 ]
[Valid(teacher)][41][UTT][ AML = 0.405965 | MoV = 0.287692 | VoV = 0.001844 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.019151881337165833
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.60 step/s]

[Valid(teacher)][42][UTT][ MSE = 0.6740 | LCC = 0.6398 | SRCC = 0.5979 ] [SYS][ MSE = 0.2387 | LCC = 0.9810 | SRCC = 0.9398 ]
[Valid(teacher)][42][UTT][ AML = 0.402045 | MoV = 0.285099 | VoV = 0.001960 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=-0.02660777047276497
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.84 step/s]

[Valid(teacher)][43][UTT][ MSE = 0.6807 | LCC = 0.6378 | SRCC = 0.5956 ] [SYS][ MSE = 0.2454 | LCC = 0.9808 | SRCC = 0.9426 ]
[Valid(teacher)][43][UTT][ AML = 0.400115 | MoV = 0.283369 | VoV = 0.001828 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.03677993414420886
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.56 step/s]

[Valid(teacher)][44][UTT][ MSE = 0.6836 | LCC = 0.6374 | SRCC = 0.5955 ] [SYS][ MSE = 0.2477 | LCC = 0.9814 | SRCC = 0.9446 ]
[Valid(teacher)][44][UTT][ AML = 0.400005 | MoV = 0.281133 | VoV = 0.001858 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=-0.04123449255615234
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.31 step/s]

[Valid(teacher)][45][UTT][ MSE = 0.6903 | LCC = 0.6366 | SRCC = 0.5945 ] [SYS][ MSE = 0.2544 | LCC = 0.9806 | SRCC = 0.9405 ]
[Valid(teacher)][45][UTT][ AML = 0.398569 | MoV = 0.281300 | VoV = 0.001848 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=-0.0382380336523056
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.08 step/s]

[Valid(teacher)][46][UTT][ MSE = 0.6650 | LCC = 0.6394 | SRCC = 0.5976 ] [SYS][ MSE = 0.2282 | LCC = 0.9820 | SRCC = 0.9480 ]
[Valid(teacher)][46][UTT][ AML = 0.405338 | MoV = 0.278769 | VoV = 0.001860 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.05254484383678436
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.67 step/s]

[Valid(teacher)][47][UTT][ MSE = 0.6641 | LCC = 0.6388 | SRCC = 0.5972 ] [SYS][ MSE = 0.2258 | LCC = 0.9821 | SRCC = 0.9528 ]
[Valid(teacher)][47][UTT][ AML = 0.406355 | MoV = 0.276483 | VoV = 0.001900 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=-0.05348395183682442
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.60 step/s]

[Valid(teacher)][48][UTT][ MSE = 0.6659 | LCC = 0.6369 | SRCC = 0.5954 ] [SYS][ MSE = 0.2260 | LCC = 0.9822 | SRCC = 0.9487 ]
[Valid(teacher)][48][UTT][ AML = 0.406920 | MoV = 0.274883 | VoV = 0.001909 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.06455123424530029
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.32 step/s]

[Valid(teacher)][49][UTT][ MSE = 0.6539 | LCC = 0.6378 | SRCC = 0.5962 ] [SYS][ MSE = 0.2128 | LCC = 0.9829 | SRCC = 0.9528 ]
[Valid(teacher)][49][UTT][ AML = 0.410550 | MoV = 0.273503 | VoV = 0.002070 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=-0.06668312102556229
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.96 step/s]

[Valid(teacher)][50][UTT][ MSE = 0.6107 | LCC = 0.6419 | SRCC = 0.6008 ] [SYS][ MSE = 0.1695 | LCC = 0.9839 | SRCC = 0.9569 ]
[Valid(teacher)][50][UTT][ AML = 0.421994 | MoV = 0.271681 | VoV = 0.002020 ]
Train: 100% 845/845 [03:22<00:00,  4.16 step/s]
Average loss=-0.07550560683012009
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.98 step/s]

[Valid(teacher)][51][UTT][ MSE = 0.6239 | LCC = 0.6407 | SRCC = 0.6005 ] [SYS][ MSE = 0.1820 | LCC = 0.9840 | SRCC = 0.9515 ]
[Valid(teacher)][51][UTT][ AML = 0.419297 | MoV = 0.267458 | VoV = 0.001981 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=-0.06960418820381165
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.24 step/s]

[Valid(teacher)][52][UTT][ MSE = 0.6200 | LCC = 0.6402 | SRCC = 0.6004 ] [SYS][ MSE = 0.1777 | LCC = 0.9838 | SRCC = 0.9494 ]
[Valid(teacher)][52][UTT][ AML = 0.420301 | MoV = 0.266891 | VoV = 0.002015 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.07956115901470184
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.56 step/s]

[Valid(teacher)][53][UTT][ MSE = 0.6132 | LCC = 0.6399 | SRCC = 0.6001 ] [SYS][ MSE = 0.1699 | LCC = 0.9838 | SRCC = 0.9549 ]
[Valid(teacher)][53][UTT][ AML = 0.422744 | MoV = 0.264039 | VoV = 0.001964 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.07517100125551224
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.77 step/s]

[Valid(teacher)][54][UTT][ MSE = 0.6276 | LCC = 0.6387 | SRCC = 0.5993 ] [SYS][ MSE = 0.1853 | LCC = 0.9832 | SRCC = 0.9542 ]
[Valid(teacher)][54][UTT][ AML = 0.419265 | MoV = 0.262348 | VoV = 0.002022 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.09358231723308563
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.46 step/s]

[Valid(teacher)][55][UTT][ MSE = 0.6180 | LCC = 0.6397 | SRCC = 0.6002 ] [SYS][ MSE = 0.1741 | LCC = 0.9834 | SRCC = 0.9549 ]
[Valid(teacher)][55][UTT][ AML = 0.422645 | MoV = 0.260390 | VoV = 0.002104 ]
Train: 100% 845/845 [03:22<00:00,  4.16 step/s]
Average loss=-0.09771382808685303
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.60 step/s]

[Valid(teacher)][56][UTT][ MSE = 0.5977 | LCC = 0.6400 | SRCC = 0.6004 ] [SYS][ MSE = 0.1526 | LCC = 0.9836 | SRCC = 0.9542 ]
[Valid(teacher)][56][UTT][ AML = 0.428025 | MoV = 0.257389 | VoV = 0.002015 ]
Train: 100% 845/845 [03:22<00:00,  4.17 step/s]
Average loss=-0.1014061976385117
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.62 step/s]

[Valid(teacher)][57][UTT][ MSE = 0.5908 | LCC = 0.6392 | SRCC = 0.6000 ] [SYS][ MSE = 0.1457 | LCC = 0.9829 | SRCC = 0.9446 ]
[Valid(teacher)][57][UTT][ AML = 0.430219 | MoV = 0.254717 | VoV = 0.001960 ]
Train: 100% 845/845 [03:22<00:00,  4.16 step/s]
Average loss=-0.1109711751341819B
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.29 step/s]

[Valid(teacher)][58][UTT][ MSE = 0.5824 | LCC = 0.6381 | SRCC = 0.5991 ] [SYS][ MSE = 0.1338 | LCC = 0.9836 | SRCC = 0.9474 ]
[Valid(teacher)][58][UTT][ AML = 0.433370 | MoV = 0.253865 | VoV = 0.002044 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=-0.11918900161981583
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.82 step/s]

[Valid(teacher)][59][UTT][ MSE = 0.5847 | LCC = 0.6373 | SRCC = 0.5982 ] [SYS][ MSE = 0.1376 | LCC = 0.9839 | SRCC = 0.9556 ]
[Valid(teacher)][59][UTT][ AML = 0.433280 | MoV = 0.251743 | VoV = 0.001923 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.12056442223581543
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.78 step/s]

[Valid(teacher)][60][UTT][ MSE = 0.5862 | LCC = 0.6377 | SRCC = 0.5989 ] [SYS][ MSE = 0.1415 | LCC = 0.9840 | SRCC = 0.9556 ]
[Valid(teacher)][60][UTT][ AML = 0.433425 | MoV = 0.250676 | VoV = 0.001917 ]
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, 192.76 step/s]

[Test(best)][61][UTT][ MSE = 0.5568 | LCC = 0.6708 | SRCC = 0.6332 ] [SYS][ MSE = 0.1521 | LCC = 0.9796 | SRCC = 0.9467 ]
[Test(best)][61][UTT][ AML = 0.415537 | MoV = 0.365678 | VoV = 0.002164 ]
(lxygpu) [x_xlian@node056 DeePMOS]$ client_loop: send disconnect: Broken pipe
liangxinyu@liangxinyus-Mac-mini ~ %
```