```
(lxygpu) [x_xlian@node001 DeePMOS]$ python train.py --lamb_c=2 --lamb_t=0 --save_path=./runs/c2/run5/*
Loading all wav files.
100%|███████████████████████████████████████████████████████████████████████████████████████████████████████████████████████████████████████| 54040/54040 [07:53<00:00, 114.12it/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, 28.80it/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, 28.41it/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 [03:28<00:00,  4.05 step/s]
Average loss=19418.677734375
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.27 step/s]

[Valid(teacher)][0][UTT][ MSE = 2.6996 | LCC = 0.4289 | SRCC = 0.4188 ] [SYS][ MSE = 2.5742 | LCC = 0.7678 | SRCC = 0.7846 ]
[Valid(teacher)][0][UTT][ AML = 0.168944 | MoV = 0.808187 | VoV = 0.018834 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=0.6256505846977234
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.36 step/s]

[Valid(teacher)][1][UTT][ MSE = 2.1321 | LCC = 0.5148 | SRCC = 0.4934 ] [SYS][ MSE = 1.8779 | LCC = 0.8680 | SRCC = 0.8475 ]
[Valid(teacher)][1][UTT][ AML = 0.186663 | MoV = 0.535293 | VoV = 0.030216 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=0.4928360879421234
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.77 step/s]

[Valid(teacher)][2][UTT][ MSE = 2.2057 | LCC = 0.5410 | SRCC = 0.5139 ] [SYS][ MSE = 1.9123 | LCC = 0.9035 | SRCC = 0.8482 ]
[Valid(teacher)][2][UTT][ AML = 0.170153 | MoV = 0.364385 | VoV = 0.013048 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=0.4439784586429596
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.91 step/s]

[Valid(teacher)][3][UTT][ MSE = 1.1253 | LCC = 0.5558 | SRCC = 0.5271 ] [SYS][ MSE = 0.7537 | LCC = 0.9206 | SRCC = 0.8448 ]
[Valid(teacher)][3][UTT][ AML = 0.298739 | MoV = 0.433468 | VoV = 0.007753 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=0.4181855022907257
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.55 step/s]

[Valid(teacher)][4][UTT][ MSE = 0.6492 | LCC = 0.5716 | SRCC = 0.5409 ] [SYS][ MSE = 0.2524 | LCC = 0.9434 | SRCC = 0.8578 ]
[Valid(teacher)][4][UTT][ AML = 0.370039 | MoV = 0.484425 | VoV = 0.003924 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.3979272246360779
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.96 step/s]

[Valid(teacher)][5][UTT][ MSE = 0.6198 | LCC = 0.5745 | SRCC = 0.5432 ] [SYS][ MSE = 0.2195 | LCC = 0.9471 | SRCC = 0.8598 ]
[Valid(teacher)][5][UTT][ AML = 0.374356 | MoV = 0.487929 | VoV = 0.003695 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.37890732288360596
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.24 step/s]

[Valid(teacher)][6][UTT][ MSE = 0.6003 | LCC = 0.5768 | SRCC = 0.5477 ] [SYS][ MSE = 0.2069 | LCC = 0.9522 | SRCC = 0.8735 ]
[Valid(teacher)][6][UTT][ AML = 0.376136 | MoV = 0.491236 | VoV = 0.003154 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=0.363223522290153503
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.48 step/s]

[Valid(teacher)][7][UTT][ MSE = 0.5767 | LCC = 0.5725 | SRCC = 0.5455 ] [SYS][ MSE = 0.1765 | LCC = 0.9533 | SRCC = 0.8947 ]
[Valid(teacher)][7][UTT][ AML = 0.378364 | MoV = 0.495623 | VoV = 0.002521 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=0.35129329562187195
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.03 step/s]

[Valid(teacher)][8][UTT][ MSE = 0.6111 | LCC = 0.5709 | SRCC = 0.5467 ] [SYS][ MSE = 0.2274 | LCC = 0.9516 | SRCC = 0.9009 ]
[Valid(teacher)][8][UTT][ AML = 0.373210 | MoV = 0.485632 | VoV = 0.002359 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.33598321676258427
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.72 step/s]

[Valid(teacher)][9][UTT][ MSE = 0.6424 | LCC = 0.5749 | SRCC = 0.5522 ] [SYS][ MSE = 0.2721 | LCC = 0.9515 | SRCC = 0.9152 ]
[Valid(teacher)][9][UTT][ AML = 0.369386 | MoV = 0.473435 | VoV = 0.002296 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=0.31888806819991577
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.03 step/s]

[Valid(teacher)][10][UTT][ MSE = 0.7034 | LCC = 0.5643 | SRCC = 0.5446 ] [SYS][ MSE = 0.3467 | LCC = 0.9481 | SRCC = 0.9207 ]
[Valid(teacher)][10][UTT][ AML = 0.360557 | MoV = 0.458712 | VoV = 0.002150 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.308290779596060067
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.56 step/s]

[Valid(teacher)][11][UTT][ MSE = 0.6882 | LCC = 0.5475 | SRCC = 0.5278 ] [SYS][ MSE = 0.3162 | LCC = 0.9401 | SRCC = 0.9118 ]
[Valid(teacher)][11][UTT][ AML = 0.362497 | MoV = 0.455774 | VoV = 0.001942 ]
Train: 100% 845/845 [03:24<00:00,  4.12 step/s]
Average loss=0.29724293947721985
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.51 step/s]

[Valid(teacher)][12][UTT][ MSE = 0.6829 | LCC = 0.5455 | SRCC = 0.5253 ] [SYS][ MSE = 0.3057 | LCC = 0.9384 | SRCC = 0.9029 ]
[Valid(teacher)][12][UTT][ AML = 0.364213 | MoV = 0.449418 | VoV = 0.001923 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=0.2847839295864105
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.56 step/s]

[Valid(teacher)][13][UTT][ MSE = 0.6836 | LCC = 0.5513 | SRCC = 0.5313 ] [SYS][ MSE = 0.3104 | LCC = 0.9377 | SRCC = 0.8933 ]
[Valid(teacher)][13][UTT][ AML = 0.365392 | MoV = 0.441590 | VoV = 0.001923 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.27339482307434408
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.60 step/s]

[Valid(teacher)][14][UTT][ MSE = 0.6656 | LCC = 0.5585 | SRCC = 0.5383 ] [SYS][ MSE = 0.2986 | LCC = 0.9404 | SRCC = 0.9043 ]
[Valid(teacher)][14][UTT][ AML = 0.370023 | MoV = 0.434433 | VoV = 0.001908 ]
Train: 100% 845/845 [03:24<00:00,  4.12 step/s]
Average loss=0.25789508524330139
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.79 step/s]

[Valid(teacher)][15][UTT][ MSE = 0.6232 | LCC = 0.5605 | SRCC = 0.5388 ] [SYS][ MSE = 0.2347 | LCC = 0.9402 | SRCC = 0.8947 ]
[Valid(teacher)][15][UTT][ AML = 0.378567 | MoV = 0.430575 | VoV = 0.001846 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=0.24684838950634003
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.63 step/s]

[Valid(teacher)][16][UTT][ MSE = 0.5861 | LCC = 0.5649 | SRCC = 0.5486 ] [SYS][ MSE = 0.1824 | LCC = 0.9381 | SRCC = 0.8776 ]
[Valid(teacher)][16][UTT][ AML = 0.386924 | MoV = 0.426238 | VoV = 0.001726 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=0.2338756024837494
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.30 step/s]

[Valid(teacher)][17][UTT][ MSE = 0.5733 | LCC = 0.5723 | SRCC = 0.5472 ] [SYS][ MSE = 0.1651 | LCC = 0.9432 | SRCC = 0.8947 ]
[Valid(teacher)][17][UTT][ AML = 0.391306 | MoV = 0.419733 | VoV = 0.001743 ]
Train: 100% 845/845 [03:25<00:00,  4.11 step/s]
Average loss=0.22049579024314808
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.04 step/s]

[Valid(teacher)][18][UTT][ MSE = 0.6461 | LCC = 0.5731 | SRCC = 0.5478 ] [SYS][ MSE = 0.1153 | LCC = 0.9459 | SRCC = 0.8961 ]
[Valid(teacher)][18][UTT][ AML = 0.398986 | MoV = 0.413725 | VoV = 0.001744 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=0.209012441898536682
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.05 step/s]

[Valid(teacher)][19][UTT][ MSE = 0.5480 | LCC = 0.5753 | SRCC = 0.5503 ] [SYS][ MSE = 0.1179 | LCC = 0.9473 | SRCC = 0.8892 ]
[Valid(teacher)][19][UTT][ AML = 0.400535 | MoV = 0.405333 | VoV = 0.001769 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.20025512576810321
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.94 step/s]

[Valid(teacher)][20][UTT][ MSE = 0.5380 | LCC = 0.5787 | SRCC = 0.5541 ] [SYS][ MSE = 0.0980 | LCC = 0.9521 | SRCC = 0.8940 ]
[Valid(teacher)][20][UTT][ AML = 0.404956 | MoV = 0.398009 | VoV = 0.001776 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=0.19305966794498014
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.26 step/s]

[Valid(teacher)][21][UTT][ MSE = 0.5246 | LCC = 0.5853 | SRCC = 0.5595 ] [SYS][ MSE = 0.0786 | LCC = 0.9552 | SRCC = 0.9009 ]
[Valid(teacher)][21][UTT][ AML = 0.410153 | MoV = 0.391738 | VoV = 0.001856 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.17589189112186432
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.95 step/s]

[Valid(teacher)][22][UTT][ MSE = 0.5236 | LCC = 0.5852 | SRCC = 0.5594 ] [SYS][ MSE = 0.0733 | LCC = 0.9573 | SRCC = 0.9111 ]
[Valid(teacher)][22][UTT][ AML = 0.411878 | MoV = 0.385851 | VoV = 0.001869 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=0.16888634860515594
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.29 step/s]

[Valid(teacher)][23][UTT][ MSE = 0.5264 | LCC = 0.5927 | SRCC = 0.5662 ] [SYS][ MSE = 0.0886 | LCC = 0.9600 | SRCC = 0.9084 ]
[Valid(teacher)][23][UTT][ AML = 0.413316 | MoV = 0.376849 | VoV = 0.002078 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.1577545702457428
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.71 step/s]

[Valid(teacher)][24][UTT][ MSE = 0.5222 | LCC = 0.5998 | SRCC = 0.5729 ] [SYS][ MSE = 0.0860 | LCC = 0.9645 | SRCC = 0.9309 ]
[Valid(teacher)][24][UTT][ AML = 0.416546 | MoV = 0.368965 | VoV = 0.002219 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.15154339373111725
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.80 step/s]

[Valid(teacher)][25][UTT][ MSE = 0.5182 | LCC = 0.5962 | SRCC = 0.5697 ] [SYS][ MSE = 0.0639 | LCC = 0.9640 | SRCC = 0.9186 ]
[Valid(teacher)][25][UTT][ AML = 0.419478 | MoV = 0.363802 | VoV = 0.002266 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=0.14182618260383686
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.53 step/s]

[Valid(teacher)][26][UTT][ MSE = 0.5103 | LCC = 0.6010 | SRCC = 0.5732 ] [SYS][ MSE = 0.0451 | LCC = 0.9647 | SRCC = 0.9186 ]
[Valid(teacher)][26][UTT][ AML = 0.424359 | MoV = 0.356965 | VoV = 0.002232 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=0.13070008158683777
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.09 step/s]

[Valid(teacher)][27][UTT][ MSE = 0.4934 | LCC = 0.6181 | SRCC = 0.5881 ] [SYS][ MSE = 0.0435 | LCC = 0.9719 | SRCC = 0.9255 ]
[Valid(teacher)][27][UTT][ AML = 0.431748 | MoV = 0.347608 | VoV = 0.002477 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=0.12343209236860275
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.08 step/s]

[Valid(teacher)][28][UTT][ MSE = 0.4838 | LCC = 0.6276 | SRCC = 0.5962 ] [SYS][ MSE = 0.0368 | LCC = 0.9752 | SRCC = 0.9282 ]
[Valid(teacher)][28][UTT][ AML = 0.437357 | MoV = 0.339417 | VoV = 0.002627 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=0.11662948876619339
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.52 step/s]
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[Valid(teacher)][29][UTT][ MSE = 0.4840 | LCC = 0.6279 | SRCC = 0.5976 ][SYS][ MSE = 0.0328 | LCC = 0.9755 | SRCC = 0.9309 ]
[Valid(teacher)][29][UTT][ AML = 0.439709 | MoV = 0.330784 | VoV = 0.002581 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.10914723575115204
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.14 step/s]

[Valid(teacher)][30][UTT][ MSE = 0.4903 | LCC = 0.6263 | SRCC = 0.5974 ][SYS][ MSE = 0.0271 | LCC = 0.9728 | SRCC = 0.9316 ]
[Valid(teacher)][30][UTT][ AML = 0.440691 | MoV = 0.324318 | VoV = 0.002509 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=0.09423833340406418
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.39 step/s]

[Valid(teacher)][31][UTT][ MSE = 0.4989 | LCC = 0.6186 | SRCC = 0.5911 ][SYS][ MSE = 0.0301 | LCC = 0.9704 | SRCC = 0.9323 ]
[Valid(teacher)][31][UTT][ AML = 0.438536 | MoV = 0.319500 | VoV = 0.002422 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.08407525718212128
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.62 step/s]

[Valid(teacher)][32][UTT][ MSE = 0.5002 | LCC = 0.6184 | SRCC = 0.5916 ][SYS][ MSE = 0.0314 | LCC = 0.9717 | SRCC = 0.9323 ]
[Valid(teacher)][32][UTT][ AML = 0.439288 | MoV = 0.313362 | VoV = 0.002551 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.07742717862129211
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.85 step/s]

[Valid(teacher)][33][UTT][ MSE = 0.5073 | LCC = 0.6147 | SRCC = 0.5889 ][SYS][ MSE = 0.0311 | LCC = 0.9680 | SRCC = 0.9330 ]
[Valid(teacher)][33][UTT][ AML = 0.439194 | MoV = 0.308698 | VoV = 0.002517 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.06290196627378444
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.31 step/s]

[Valid(teacher)][34][UTT][ MSE = 0.5063 | LCC = 0.6139 | SRCC = 0.5889 ][SYS][ MSE = 0.0313 | LCC = 0.9695 | SRCC = 0.9337 ]
[Valid(teacher)][34][UTT][ AML = 0.440316 | MoV = 0.305318 | VoV = 0.002607 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.06076657772064209
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.30 step/s]

[Valid(teacher)][35][UTT][ MSE = 0.4959 | LCC = 0.6208 | SRCC = 0.5949 ][SYS][ MSE = 0.0319 | LCC = 0.9724 | SRCC = 0.9378 ]
[Valid(teacher)][35][UTT][ AML = 0.444215 | MoV = 0.300895 | VoV = 0.002695 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.05212708935145634
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.75 step/s]

[Valid(teacher)][36][UTT][ MSE = 0.5031 | LCC = 0.6182 | SRCC = 0.5926 ][SYS][ MSE = 0.0301 | LCC = 0.9696 | SRCC = 0.9364 ]
[Valid(teacher)][36][UTT][ AML = 0.443945 | MoV = 0.296523 | VoV = 0.002708 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.04343404993414879
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.35 step/s]

[Valid(teacher)][37][UTT][ MSE = 0.4999 | LCC = 0.6221 | SRCC = 0.5966 ][SYS][ MSE = 0.0283 | LCC = 0.9731 | SRCC = 0.9398 ]
[Valid(teacher)][37][UTT][ AML = 0.444326 | MoV = 0.291932 | VoV = 0.002823 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.03772967308759689
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.97 step/s]

[Valid(teacher)][38][UTT][ MSE = 0.5112 | LCC = 0.6168 | SRCC = 0.5925 ][SYS][ MSE = 0.0279 | LCC = 0.9705 | SRCC = 0.9405 ]
[Valid(teacher)][38][UTT][ AML = 0.445211 | MoV = 0.287483 | VoV = 0.002816 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.02552122808992827
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.56 step/s]

[Valid(teacher)][39][UTT][ MSE = 0.5060 | LCC = 0.6201 | SRCC = 0.5960 ][SYS][ MSE = 0.0274 | LCC = 0.9710 | SRCC = 0.9432 ]
[Valid(teacher)][39][UTT][ AML = 0.447863 | MoV = 0.283060 | VoV = 0.002816 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.022977374494075775
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.87 step/s]

[Valid(teacher)][40][UTT][ MSE = 0.4988 | LCC = 0.6246 | SRCC = 0.6001 ][SYS][ MSE = 0.0264 | LCC = 0.9730 | SRCC = 0.9446 ]
[Valid(teacher)][40][UTT][ AML = 0.450949 | MoV = 0.279556 | VoV = 0.002826 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=0.01408481691032648
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.83 step/s]

[Valid(teacher)][41][UTT][ MSE = 0.5086 | LCC = 0.6194 | SRCC = 0.5960 ][SYS][ MSE = 0.0293 | LCC = 0.9696 | SRCC = 0.9439 ]
[Valid(teacher)][41][UTT][ AML = 0.449916 | MoV = 0.274207 | VoV = 0.002833 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.00283280853182074
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.69 step/s]

[Valid(teacher)][42][UTT][ MSE = 0.5148 | LCC = 0.6153 | SRCC = 0.5928 ][SYS][ MSE = 0.0309 | LCC = 0.9682 | SRCC = 0.9467 ]
[Valid(teacher)][42][UTT][ AML = 0.448716 | MoV = 0.270969 | VoV = 0.002846 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.0007099261856637895
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.56 step/s]

[Valid(teacher)][43][UTT][ MSE = 0.5200 | LCC = 0.6120 | SRCC = 0.5901 ][SYS][ MSE = 0.0314 | LCC = 0.9679 | SRCC = 0.9467 ]
[Valid(teacher)][43][UTT][ AML = 0.448101 | MoV = 0.266065 | VoV = 0.002795 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.003083572491407957
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.87 step/s]

[Valid(teacher)][44][UTT][ MSE = 0.5145 | LCC = 0.6127 | SRCC = 0.5908 ][SYS][ MSE = 0.0311 | LCC = 0.9687 | SRCC = 0.9426 ]
[Valid(teacher)][44][UTT][ AML = 0.449408 | MoV = 0.265144 | VoV = 0.002758 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.01412841970624828
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.13 step/s]

[Valid(teacher)][45][UTT][ MSE = 0.5081 | LCC = 0.6167 | SRCC = 0.5936 ][SYS][ MSE = 0.0279 | LCC = 0.9727 | SRCC = 0.9412 ]
[Valid(teacher)][45][UTT][ AML = 0.452238 | MoV = 0.261721 | VoV = 0.002820 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=-0.01692122034728527
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.37 step/s]

[Valid(teacher)][46][UTT][ MSE = 0.5166 | LCC = 0.6145 | SRCC = 0.5918 ][SYS][ MSE = 0.0307 | LCC = 0.9707 | SRCC = 0.9412 ]
[Valid(teacher)][46][UTT][ AML = 0.451929 | MoV = 0.256985 | VoV = 0.002780 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=-0.024895574897527695
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.79 step/s]

[Valid(teacher)][47][UTT][ MSE = 0.5177 | LCC = 0.6152 | SRCC = 0.5929 ][SYS][ MSE = 0.0340 | LCC = 0.9706 | SRCC = 0.9391 ]
[Valid(teacher)][47][UTT][ AML = 0.453415 | MoV = 0.253403 | VoV = 0.002715 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=-0.030597848817706108
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.29 step/s]

[Valid(teacher)][48][UTT][ MSE = 0.5118 | LCC = 0.6168 | SRCC = 0.5938 ][SYS][ MSE = 0.0327 | LCC = 0.9724 | SRCC = 0.9357 ]
[Valid(teacher)][48][UTT][ AML = 0.454967 | MoV = 0.251090 | VoV = 0.002773 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.04248856008052826
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.98 step/s]

[Valid(teacher)][49][UTT][ MSE = 0.5050 | LCC = 0.6199 | SRCC = 0.5969 ][SYS][ MSE = 0.0307 | LCC = 0.9730 | SRCC = 0.9357 ]
[Valid(teacher)][49][UTT][ AML = 0.456918 | MoV = 0.248672 | VoV = 0.002893 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=-0.039934482425545128
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.62 step/s]

[Valid(teacher)][50][UTT][ MSE = 0.5012 | LCC = 0.6187 | SRCC = 0.5958 ][SYS][ MSE = 0.0295 | LCC = 0.9738 | SRCC = 0.9350 ]
[Valid(teacher)][50][UTT][ AML = 0.457461 | MoV = 0.248042 | VoV = 0.002864 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=-0.05069485306739807
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.67 step/s]

[Valid(teacher)][51][UTT][ MSE = 0.4957 | LCC = 0.6185 | SRCC = 0.5953 ][SYS][ MSE = 0.0314 | LCC = 0.9765 | SRCC = 0.9405 ]
[Valid(teacher)][51][UTT][ AML = 0.457789 | MoV = 0.248384 | VoV = 0.002952 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.052380643784999985
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.34 step/s]

[Valid(teacher)][52][UTT][ MSE = 0.5037 | LCC = 0.6124 | SRCC = 0.5896 ][SYS][ MSE = 0.0363 | LCC = 0.9756 | SRCC = 0.9391 ]
[Valid(teacher)][52][UTT][ AML = 0.454782 | MoV = 0.247230 | VoV = 0.003002 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=-0.06332027912139893
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.09 step/s]

[Valid(teacher)][53][UTT][ MSE = 0.5057 | LCC = 0.6107 | SRCC = 0.5880 ][SYS][ MSE = 0.0362 | LCC = 0.9734 | SRCC = 0.9282 ]
[Valid(teacher)][53][UTT][ AML = 0.455323 | MoV = 0.243554 | VoV = 0.002986 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.0721922367811283
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.14 step/s]

[Valid(teacher)][54][UTT][ MSE = 0.5092 | LCC = 0.6099 | SRCC = 0.5878 ][SYS][ MSE = 0.0342 | LCC = 0.9715 | SRCC = 0.9289 ]
[Valid(teacher)][54][UTT][ AML = 0.455986 | MoV = 0.240544 | VoV = 0.002972 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.0754109025008015259
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.80 step/s]

[Valid(teacher)][55][UTT][ MSE = 0.5032 | LCC = 0.6150 | SRCC = 0.5923 ][SYS][ MSE = 0.0320 | LCC = 0.9737 | SRCC = 0.9405 ]
[Valid(teacher)][55][UTT][ AML = 0.459286 | MoV = 0.238291 | VoV = 0.002977 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.07979837805083273
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.66 step/s]

[Valid(teacher)][56][UTT][ MSE = 0.5119 | LCC = 0.6131 | SRCC = 0.5913 ][SYS][ MSE = 0.0360 | LCC = 0.9718 | SRCC = 0.9371 ]
[Valid(teacher)][56][UTT][ AML = 0.458865 | MoV = 0.234722 | VoV = 0.002932 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.08773549646139145
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.99 step/s]

[Valid(teacher)][57][UTT][ MSE = 0.5213 | LCC = 0.6122 | SRCC = 0.5907 ][SYS][ MSE = 0.0435 | LCC = 0.9692 | SRCC = 0.9289 ]
[Valid(teacher)][57][UTT][ AML = 0.457561 | MoV = 0.232884 | VoV = 0.002886 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=-0.093241140246393913
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.70 step/s]

[Valid(teacher)][58][UTT][ MSE = 0.5148 | LCC = 0.6126 | SRCC = 0.5906 ][SYS][ MSE = 0.0404 | LCC = 0.9698 | SRCC = 0.9350 ]
[Valid(teacher)][58][UTT][ AML = 0.459926 | MoV = 0.231648 | VoV = 0.002936 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.09912015497684479
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.09 step/s]

[Valid(teacher)][59][UTT][ MSE = 0.5193 | LCC = 0.6105 | SRCC = 0.5897 ][SYS][ MSE = 0.0429 | LCC = 0.9675 | SRCC = 0.9371 ]
[Valid(teacher)][59][UTT][ AML = 0.459369 | MoV = 0.229262 | VoV = 0.002828 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=-0.10935109108686447
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.88 step/s]

[Valid(teacher)][60][UTT][ MSE = 0.5180 | LCC = 0.6085 | SRCC = 0.5878 ][SYS][ MSE = 0.0424 | LCC = 0.9676 | SRCC = 0.9371 ]
[Valid(teacher)][60][UTT][ AML = 0.459372 | MoV = 0.227452 | VoV = 0.002806 ]
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, 194.37 step/s]

[Test(best)][61][UTT][ MSE = 0.4801 | LCC = 0.6383 | SRCC = 0.6009 ][SYS][ MSE = 0.0272 | LCC = 0.9777 | SRCC = 0.9521 ]
[Test(best)][61][UTT][ AML = 0.444290 | MoV = 0.330439 | VoV = 0.002540 ]
(lxygpu) [x_xlian@node001 DeePMOS]$
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