```
(lxygpu) [x_xlian@node018 DeePMOS]$ python train.py --lamb_c=1 --lamb_t=0.5 --save_path="./runs/c1-t5e-1-no-sgn/run10/"
Loading all wav files.
100%|██████████████████████████████████████████████████████████████████████████████████████████████████████████████████████████████████████████████████████████████| 54040/54040 [07:41<00:00, 117.11it/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 [01:42<00:00, 29.26it/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 [02:17<00:00, 29.08it/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 [03:24<00:00,  4.13 step/s]
Average loss=7088.54541015625
Valid(teacher): 100% 3000/3000 [00:16<00:00, 186.99 step/s]

[Valid(teacher)][0][UTT][ MSE = 1.4922 | LCC = 0.4745 | SRCC = 0.4585 ] [SYS][ MSE = 1.2604 | LCC = 0.8001 | SRCC = 0.8236 ]
[Valid(teacher)][0][UTT][ AML = 0.252144 | MoV = 0.735002 | VoV = 0.010689 ]
Train: 100% 845/845 [03:21<00:00,  4.19 step/s]
Average loss=0.4959624111652374
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.32 step/s]

[Valid(teacher)][1][UTT][ MSE = 0.7666 | LCC = 0.5656 | SRCC = 0.5306 ] [SYS][ MSE = 0.3654 | LCC = 0.8960 | SRCC = 0.8537 ]
[Valid(teacher)][1][UTT][ AML = 0.345156 | MoV = 0.525036 | VoV = 0.010814 ]
Train: 100% 845/845 [03:21<00:00,  4.19 step/s]
Average loss=0.3913463056087494
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.07 step/s]

[Valid(teacher)][2][UTT][ MSE = 2.2718 | LCC = 0.5798 | SRCC = 0.5399 ] [SYS][ MSE = 1.8556 | LCC = 0.9376 | SRCC = 0.8715 ]
[Valid(teacher)][2][UTT][ AML = 0.157335 | MoV = 0.337367 | VoV = 0.000453 ]
Train: 100% 845/845 [03:21<00:00,  4.19 step/s]
Average loss=0.3456687033176422
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.60 step/s]

[Valid(teacher)][3][UTT][ MSE = 1.6588 | LCC = 0.5946 | SRCC = 0.5506 ] [SYS][ MSE = 1.2238 | LCC = 0.9430 | SRCC = 0.8790 ]
[Valid(teacher)][3][UTT][ AML = 0.221729 | MoV = 0.361666 | VoV = 0.005941 ]
Train: 100% 845/845 [03:22<00:00,  4.18 step/s]
Average loss=0.32040375471111511
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.54 step/s]

[Valid(teacher)][4][UTT][ MSE = 1.5249 | LCC = 0.5986 | SRCC = 0.5546 ] [SYS][ MSE = 1.0826 | LCC = 0.9476 | SRCC = 0.9009 ]
[Valid(teacher)][4][UTT][ AML = 0.239085 | MoV = 0.357646 | VoV = 0.004704 ]
Train: 100% 845/845 [03:21<00:00,  4.18 step/s]
Average loss=0.30400192737579346
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.70 step/s]

[Valid(teacher)][5][UTT][ MSE = 1.2907 | LCC = 0.6001 | SRCC = 0.5636 ] [SYS][ MSE = 0.8518 | LCC = 0.9501 | SRCC = 0.9009 ]
[Valid(teacher)][5][UTT][ AML = 0.271651 | MoV = 0.371731 | VoV = 0.004640 ]
Train: 100% 845/845 [03:22<00:00,  4.17 step/s]
Average loss=0.28701066970825195
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.28 step/s]

[Valid(teacher)][6][UTT][ MSE = 0.9847 | LCC = 0.6196 | SRCC = 0.5758 ] [SYS][ MSE = 0.5495 | LCC = 0.9536 | SRCC = 0.8968 ]
[Valid(teacher)][6][UTT][ AML = 0.321022 | MoV = 0.390130 | VoV = 0.004076 ]
Train: 100% 845/845 [03:22<00:00,  4.17 step/s]
Average loss=0.2681431174278259
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.04 step/s]

[Valid(teacher)][7][UTT][ MSE = 0.7175 | LCC = 0.6317 | SRCC = 0.5876 ] [SYS][ MSE = 0.2854 | LCC = 0.9584 | SRCC = 0.8947 ]
[Valid(teacher)][7][UTT][ AML = 0.369680 | MoV = 0.410666 | VoV = 0.003740 ]
Train: 100% 845/845 [03:22<00:00,  4.17 step/s]
Average loss=0.25158020853996277
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.27 step/s]

[Valid(teacher)][8][UTT][ MSE = 0.6186 | LCC = 0.6379 | SRCC = 0.5936 ] [SYS][ MSE = 0.1775 | LCC = 0.9617 | SRCC = 0.8988 ]
[Valid(teacher)][8][UTT][ AML = 0.391211 | MoV = 0.417851 | VoV = 0.003529 ]
Train: 100% 845/845 [03:22<00:00,  4.17 step/s]
Average loss=0.23404566943645477
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.74 step/s]

[Valid(teacher)][9][UTT][ MSE = 0.6045 | LCC = 0.6393 | SRCC = 0.5971 ] [SYS][ MSE = 0.1697 | LCC = 0.9633 | SRCC = 0.8926 ]
[Valid(teacher)][9][UTT][ AML = 0.393658 | MoV = 0.413604 | VoV = 0.003315 ]
Train: 100% 845/845 [03:22<00:00,  4.17 step/s]
Average loss=0.21974299848079681
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.26 step/s]

[Valid(teacher)][10][UTT][ MSE = 0.5744 | LCC = 0.6416 | SRCC = 0.5999 ] [SYS][ MSE = 0.1379 | LCC = 0.9655 | SRCC = 0.8968 ]
[Valid(teacher)][10][UTT][ AML = 0.401129 | MoV = 0.410975 | VoV = 0.003096 ]
Train: 100% 845/845 [03:22<00:00,  4.18 step/s]
Average loss=0.20514002442359924
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.54 step/s]

[Valid(teacher)][11][UTT][ MSE = 0.5682 | LCC = 0.6421 | SRCC = 0.6007 ] [SYS][ MSE = 0.1306 | LCC = 0.9670 | SRCC = 0.9063 ]
[Valid(teacher)][11][UTT][ AML = 0.404034 | MoV = 0.404909 | VoV = 0.003111 ]
Train: 100% 845/845 [03:22<00:00,  4.16 step/s]
Average loss=0.19268498881340027
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.44 step/s]

[Valid(teacher)][12][UTT][ MSE = 0.5635 | LCC = 0.6419 | SRCC = 0.6011 ] [SYS][ MSE = 0.1219 | LCC = 0.9669 | SRCC = 0.8995 ]
[Valid(teacher)][12][UTT][ AML = 0.407310 | MoV = 0.396990 | VoV = 0.003080 ]
Train: 100% 845/845 [03:21<00:00,  4.19 step/s]
Average loss=0.18171215057373047
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.68 step/s]

[Valid(teacher)][13][UTT][ MSE = 0.5511 | LCC = 0.6436 | SRCC = 0.6034 ] [SYS][ MSE = 0.1099 | LCC = 0.9678 | SRCC = 0.8995 ]
[Valid(teacher)][13][UTT][ AML = 0.411342 | MoV = 0.392210 | VoV = 0.002905 ]
Train: 100% 845/845 [03:22<00:00,  4.17 step/s]
Average loss=0.16823001205921173
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.51 step/s]

[Valid(teacher)][14][UTT][ MSE = 0.5712 | LCC = 0.6409 | SRCC = 0.6013 ] [SYS][ MSE = 0.1257 | LCC = 0.9677 | SRCC = 0.8995 ]
[Valid(teacher)][14][UTT][ AML = 0.408758 | MoV = 0.383711 | VoV = 0.002827 ]
Train: 100% 845/845 [03:22<00:00,  4.17 step/s]
Average loss=0.15653826296329498
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.16 step/s]

[Valid(teacher)][15][UTT][ MSE = 0.5501 | LCC = 0.6430 | SRCC = 0.6037 ] [SYS][ MSE = 0.1047 | LCC = 0.9701 | SRCC = 0.9036 ]
[Valid(teacher)][15][UTT][ AML = 0.414382 | MoV = 0.380168 | VoV = 0.002737 ]
Train: 100% 845/845 [03:22<00:00,  4.17 step/s]
Average loss=0.14131088555485916
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.97 step/s]

[Valid(teacher)][16][UTT][ MSE = 0.5218 | LCC = 0.6464 | SRCC = 0.6065 ] [SYS][ MSE = 0.0775 | LCC = 0.9718 | SRCC = 0.9166 ]
[Valid(teacher)][16][UTT][ AML = 0.422436 | MoV = 0.375998 | VoV = 0.002709 ]
Train: 100% 845/845 [03:22<00:00,  4.17 step/s]
Average loss=0.12906278669834137
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.58 step/s]

[Valid(teacher)][17][UTT][ MSE = 0.5290 | LCC = 0.6446 | SRCC = 0.6051 ] [SYS][ MSE = 0.0816 | LCC = 0.9715 | SRCC = 0.9159 ]
[Valid(teacher)][17][UTT][ AML = 0.422397 | MoV = 0.368744 | VoV = 0.002634 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.11697959154844284
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.07 step/s]

[Valid(teacher)][18][UTT][ MSE = 0.5199 | LCC = 0.6452 | SRCC = 0.6061 ] [SYS][ MSE = 0.0715 | LCC = 0.9720 | SRCC = 0.9173 ]
[Valid(teacher)][18][UTT][ AML = 0.426146 | MoV = 0.362871 | VoV = 0.002552 ]
Train: 100% 845/845 [03:22<00:00,  4.17 step/s]
Average loss=0.10279213637113571
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.46 step/s]

[Valid(teacher)][19][UTT][ MSE = 0.5492 | LCC = 0.6411 | SRCC = 0.6028 ] [SYS][ MSE = 0.0967 | LCC = 0.9726 | SRCC = 0.9104 ]
[Valid(teacher)][19][UTT][ AML = 0.420836 | MoV = 0.353265 | VoV = 0.002374 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.09481603652238846
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.49 step/s]

[Valid(teacher)][20][UTT][ MSE = 0.5185 | LCC = 0.6447 | SRCC = 0.6058 ] [SYS][ MSE = 0.0682 | LCC = 0.9725 | SRCC = 0.9070 ]
[Valid(teacher)][20][UTT][ AML = 0.428782 | MoV = 0.351810 | VoV = 0.002303 ]
Train: 100% 845/845 [03:22<00:00,  4.18 step/s]
Average loss=0.07927335798740387
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.75 step/s]

[Valid(teacher)][21][UTT][ MSE = 0.5011 | LCC = 0.6475 | SRCC = 0.6092 ] [SYS][ MSE = 0.0513 | LCC = 0.9729 | SRCC = 0.9159 ]
[Valid(teacher)][21][UTT][ AML = 0.434386 | MoV = 0.347000 | VoV = 0.002246 ]
Train: 100% 845/845 [03:22<00:00,  4.17 step/s]
Average loss=0.06374799460172653
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.38 step/s]

[Valid(teacher)][22][UTT][ MSE = 0.4985 | LCC = 0.6493 | SRCC = 0.6113 ] [SYS][ MSE = 0.0532 | LCC = 0.9741 | SRCC = 0.9193 ]
[Valid(teacher)][22][UTT][ AML = 0.436086 | MoV = 0.342840 | VoV = 0.002332 ]
Train: 100% 845/845 [03:22<00:00,  4.18 step/s]
Average loss=0.05196082592010498
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.49 step/s]

[Valid(teacher)][23][UTT][ MSE = 0.5014 | LCC = 0.6491 | SRCC = 0.6115 ] [SYS][ MSE = 0.0540 | LCC = 0.9748 | SRCC = 0.9193 ]
[Valid(teacher)][23][UTT][ AML = 0.437198 | MoV = 0.336650 | VoV = 0.002243 ]
Train: 100% 845/845 [03:22<00:00,  4.17 step/s]
Average loss=0.0400356687605381
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.47 step/s]

[Valid(teacher)][24][UTT][ MSE = 0.5085 | LCC = 0.6480 | SRCC = 0.6110 ] [SYS][ MSE = 0.0586 | LCC = 0.9748 | SRCC = 0.9193 ]
[Valid(teacher)][24][UTT][ AML = 0.437085 | MoV = 0.329154 | VoV = 0.002146 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.02941858020966959
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.20 step/s]

[Valid(teacher)][25][UTT][ MSE = 0.5077 | LCC = 0.6477 | SRCC = 0.6111 ] [SYS][ MSE = 0.0561 | LCC = 0.9741 | SRCC = 0.9138 ]
[Valid(teacher)][25][UTT][ AML = 0.438375 | MoV = 0.324603 | VoV = 0.002114 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.01842755265533924
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.48 step/s]

[Valid(teacher)][26][UTT][ MSE = 0.5125 | LCC = 0.6474 | SRCC = 0.6119 ] [SYS][ MSE = 0.0588 | LCC = 0.9749 | SRCC = 0.9138 ]
[Valid(teacher)][26][UTT][ AML = 0.438951 | MoV = 0.318759 | VoV = 0.002095 ]
Train: 100% 845/845 [03:22<00:00,  4.18 step/s]
Average loss=0.005429079290479422
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.25 step/s]

[Valid(teacher)][27][UTT][ MSE = 0.5000 | LCC = 0.6479 | SRCC = 0.6126 ] [SYS][ MSE = 0.0442 | LCC = 0.9752 | SRCC = 0.9234 ]
[Valid(teacher)][27][UTT][ AML = 0.443194 | MoV = 0.314109 | VoV = 0.001991 ]
Train: 100% 845/845 [03:22<00:00,  4.17 step/s]
Average loss=-0.0068005913067178259
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.89 step/s]

[Valid(teacher)][28][UTT][ MSE = 0.5093 | LCC = 0.6452 | SRCC = 0.6101 ] [SYS][ MSE = 0.0501 | LCC = 0.9743 | SRCC = 0.9152 ]
[Valid(teacher)][28][UTT][ AML = 0.441882 | MoV = 0.309314 | VoV = 0.001960 ]
Train: 100% 845/845 [03:22<00:00,  4.17 step/s]
Average loss=-0.016862692311406136
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.78 step/s]
```

```
[Valid(teacher)][29][UTT][ MSE = 0.5156 | LCC = 0.6438 | SRCC = 0.6094 ] [SYS][ MSE = 0.0543 | LCC = 0.9744 | SRCC = 0.9097 ]
[Valid(teacher)][29][UTT][ AML = 0.441242 | MoV = 0.304683 | VoV = 0.001934 ]
Train: 100% 845/845 [03:22<00:00,  4.17 step/s]
Average loss=-0.027906201779842377
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.34 step/s]

[Valid(teacher)][30][UTT][ MSE = 0.4991 | LCC = 0.6467 | SRCC = 0.6112 ] [SYS][ MSE = 0.0404 | LCC = 0.9752 | SRCC = 0.9152 ]
[Valid(teacher)][30][UTT][ AML = 0.446663 | MoV = 0.303547 | VoV = 0.002036 ]
Train: 100% 845/845 [03:22<00:00,  4.18 step/s]
Average loss=-0.0359316132962037
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.52 step/s]

[Valid(teacher)][31][UTT][ MSE = 0.5142 | LCC = 0.6447 | SRCC = 0.6094 ] [SYS][ MSE = 0.0539 | LCC = 0.9771 | SRCC = 0.9132 ]
[Valid(teacher)][31][UTT][ AML = 0.443577 | MoV = 0.298891 | VoV = 0.002013 ]
Train: 100% 845/845 [03:21<00:00,  4.19 step/s]
Average loss=0.0513964796750069
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.19 step/s]

[Valid(teacher)][32][UTT][ MSE = 0.5119 | LCC = 0.6443 | SRCC = 0.6096 ] [SYS][ MSE = 0.0514 | LCC = 0.9770 | SRCC = 0.9145 ]
[Valid(teacher)][32][UTT][ AML = 0.445936 | MoV = 0.293987 | VoV = 0.001934 ]
Train: 100% 845/845 [03:22<00:00,  4.18 step/s]
Average loss=-0.0627034455537796
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.59 step/s]

[Valid(teacher)][33][UTT][ MSE = 0.5106 | LCC = 0.6441 | SRCC = 0.6089 ] [SYS][ MSE = 0.0467 | LCC = 0.9771 | SRCC = 0.9179 ]
[Valid(teacher)][33][UTT][ AML = 0.448005 | MoV = 0.288409 | VoV = 0.001942 ]
Train: 100% 845/845 [03:22<00:00,  4.17 step/s]
Average loss=-0.06775774806673799
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.53 step/s]

[Valid(teacher)][34][UTT][ MSE = 0.4970 | LCC = 0.6470 | SRCC = 0.6113 ] [SYS][ MSE = 0.0357 | LCC = 0.9790 | SRCC = 0.9262 ]
[Valid(teacher)][34][UTT][ AML = 0.451537 | MoV = 0.287941 | VoV = 0.001958 ]
Train: 100% 845/845 [03:21<00:00,  4.19 step/s]
Average loss=0.0766819640994072
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.07 step/s]

[Valid(teacher)][35][UTT][ MSE = 0.5068 | LCC = 0.6454 | SRCC = 0.6097 ] [SYS][ MSE = 0.0434 | LCC = 0.9796 | SRCC = 0.9221 ]
[Valid(teacher)][35][UTT][ AML = 0.450223 | MoV = 0.283686 | VoV = 0.001861 ]
Train: 100% 845/845 [03:21<00:00,  4.18 step/s]
Average loss=-0.0937961563467794
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.07 step/s]

[Valid(teacher)][36][UTT][ MSE = 0.5040 | LCC = 0.6456 | SRCC = 0.6099 ] [SYS][ MSE = 0.0419 | LCC = 0.9793 | SRCC = 0.9255 ]
[Valid(teacher)][36][UTT][ AML = 0.452021 | MoV = 0.280158 | VoV = 0.001861 ]
Train: 100% 845/845 [03:22<00:00,  4.18 step/s]
Average loss=-0.09707935154438019
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.86 step/s]

[Valid(teacher)][37][UTT][ MSE = 0.5038 | LCC = 0.6449 | SRCC = 0.6095 ] [SYS][ MSE = 0.0415 | LCC = 0.9788 | SRCC = 0.9255 ]
[Valid(teacher)][37][UTT][ AML = 0.453121 | MoV = 0.278018 | VoV = 0.001812 ]
Train: 100% 845/845 [03:22<00:00,  4.18 step/s]
Average loss=-0.1116102859377861
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.37 step/s]

[Valid(teacher)][38][UTT][ MSE = 0.4999 | LCC = 0.6444 | SRCC = 0.6084 ] [SYS][ MSE = 0.0359 | LCC = 0.9789 | SRCC = 0.9262 ]
[Valid(teacher)][38][UTT][ AML = 0.454935 | MoV = 0.275966 | VoV = 0.001843 ]
Train: 100% 845/845 [03:22<00:00,  4.18 step/s]
Average loss=-0.11819424480199814
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.71 step/s]

[Valid(teacher)][39][UTT][ MSE = 0.5013 | LCC = 0.6444 | SRCC = 0.6078 ] [SYS][ MSE = 0.0371 | LCC = 0.9807 | SRCC = 0.9344 ]
[Valid(teacher)][39][UTT][ AML = 0.455855 | MoV = 0.272614 | VoV = 0.001765 ]
Train: 100% 845/845 [03:22<00:00,  4.18 step/s]
Average loss=-0.12943965196609497
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.22 step/s]

[Valid(teacher)][40][UTT][ MSE = 0.4935 | LCC = 0.6440 | SRCC = 0.6072 ] [SYS][ MSE = 0.0274 | LCC = 0.9806 | SRCC = 0.9432 ]
[Valid(teacher)][40][UTT][ AML = 0.458624 | MoV = 0.271413 | VoV = 0.001811 ]
Train: 100% 845/845 [03:22<00:00,  4.18 step/s]
Average loss=-0.143158957362175
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.11 step/s]

[Valid(teacher)][41][UTT][ MSE = 0.5038 | LCC = 0.6421 | SRCC = 0.6064 ] [SYS][ MSE = 0.0351 | LCC = 0.9809 | SRCC = 0.9378 ]
[Valid(teacher)][41][UTT][ AML = 0.457320 | MoV = 0.267041 | VoV = 0.001787 ]
Train: 100% 845/845 [03:22<00:00,  4.17 step/s]
Average loss=-0.1472512632684137
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.07 step/s]

[Valid(teacher)][42][UTT][ MSE = 0.5001 | LCC = 0.6426 | SRCC = 0.6068 ] [SYS][ MSE = 0.0325 | LCC = 0.9822 | SRCC = 0.9371 ]
[Valid(teacher)][42][UTT][ AML = 0.458697 | MoV = 0.265370 | VoV = 0.001749 ]
Train: 100% 845/845 [03:22<00:00,  4.18 step/s]
Average loss=-0.14864763617515564
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.33 step/s]

[Valid(teacher)][43][UTT][ MSE = 0.4898 | LCC = 0.6446 | SRCC = 0.6089 ] [SYS][ MSE = 0.0261 | LCC = 0.9813 | SRCC = 0.9378 ]
[Valid(teacher)][43][UTT][ AML = 0.462061 | MoV = 0.265328 | VoV = 0.001703 ]
Train: 100% 845/845 [03:22<00:00,  4.17 step/s]
Average loss=-0.1630023866891861
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.00 step/s]

[Valid(teacher)][44][UTT][ MSE = 0.4961 | LCC = 0.6433 | SRCC = 0.6074 ] [SYS][ MSE = 0.0315 | LCC = 0.9810 | SRCC = 0.9385 ]
[Valid(teacher)][44][UTT][ AML = 0.460765 | MoV = 0.261722 | VoV = 0.001695 ]
Train: 100% 845/845 [03:22<00:00,  4.18 step/s]
Average loss=-0.17680063843727112
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.57 step/s]

[Valid(teacher)][45][UTT][ MSE = 0.4917 | LCC = 0.6430 | SRCC = 0.6069 ] [SYS][ MSE = 0.0273 | LCC = 0.9810 | SRCC = 0.9385 ]
[Valid(teacher)][45][UTT][ AML = 0.463281 | MoV = 0.259061 | VoV = 0.001701 ]
Train: 100% 845/845 [03:22<00:00,  4.18 step/s]
Average loss=-0.18106113374233246
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.49 step/s]

[Valid(teacher)][46][UTT][ MSE = 0.4945 | LCC = 0.6428 | SRCC = 0.6062 ] [SYS][ MSE = 0.0289 | LCC = 0.9816 | SRCC = 0.9385 ]
[Valid(teacher)][46][UTT][ AML = 0.463042 | MoV = 0.256786 | VoV = 0.001700 ]
Train: 100% 845/845 [03:22<00:00,  4.18 step/s]
Average loss=-0.189792916178033
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.25 step/s]

[Valid(teacher)][47][UTT][ MSE = 0.4903 | LCC = 0.6436 | SRCC = 0.6068 ] [SYS][ MSE = 0.0276 | LCC = 0.9822 | SRCC = 0.9432 ]
[Valid(teacher)][47][UTT][ AML = 0.464480 | MoV = 0.254671 | VoV = 0.001669 ]
Train: 100% 845/845 [03:22<00:00,  4.18 step/s]
Average loss=-0.20334400236606598
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.75 step/s]

[Valid(teacher)][48][UTT][ MSE = 0.4997 | LCC = 0.6429 | SRCC = 0.6069 ] [SYS][ MSE = 0.0369 | LCC = 0.9824 | SRCC = 0.9432 ]
[Valid(teacher)][48][UTT][ AML = 0.462221 | MoV = 0.251415 | VoV = 0.001635 ]
Train: 100% 845/845 [03:22<00:00,  4.18 step/s]
Average loss=-0.20780743658542633
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.01 step/s]

[Valid(teacher)][49][UTT][ MSE = 0.5075 | LCC = 0.6411 | SRCC = 0.6056 ] [SYS][ MSE = 0.0422 | LCC = 0.9820 | SRCC = 0.9432 ]
[Valid(teacher)][49][UTT][ AML = 0.461178 | MoV = 0.246907 | VoV = 0.001491 ]
Train: 100% 845/845 [03:22<00:00,  4.18 step/s]
Average loss=-0.21450300514698829
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.84 step/s]

[Valid(teacher)][50][UTT][ MSE = 0.5035 | LCC = 0.6406 | SRCC = 0.6048 ] [SYS][ MSE = 0.0351 | LCC = 0.9829 | SRCC = 0.9460 ]
[Valid(teacher)][50][UTT][ AML = 0.463132 | MoV = 0.245638 | VoV = 0.001485 ]
Train: 100% 845/845 [03:22<00:00,  4.16 step/s]
Average loss=-0.21933512389659882
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.05 step/s]

[Valid(teacher)][51][UTT][ MSE = 0.5195 | LCC = 0.6389 | SRCC = 0.6036 ] [SYS][ MSE = 0.0499 | LCC = 0.9834 | SRCC = 0.9439 ]
[Valid(teacher)][51][UTT][ AML = 0.459003 | MoV = 0.241570 | VoV = 0.001432 ]
Train: 100% 845/845 [03:22<00:00,  4.17 step/s]
Average loss=-0.2349324077367826
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.24 step/s]

[Valid(teacher)][52][UTT][ MSE = 0.5132 | LCC = 0.6387 | SRCC = 0.6031 ] [SYS][ MSE = 0.0434 | LCC = 0.9832 | SRCC = 0.9480 ]
[Valid(teacher)][52][UTT][ AML = 0.461648 | MoV = 0.240236 | VoV = 0.001474 ]
Train: 100% 845/845 [03:22<00:00,  4.18 step/s]
Average loss=-0.23700451850891113
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.36 step/s]

[Valid(teacher)][53][UTT][ MSE = 0.5036 | LCC = 0.6405 | SRCC = 0.6050 ] [SYS][ MSE = 0.0379 | LCC = 0.9832 | SRCC = 0.9398 ]
[Valid(teacher)][53][UTT][ AML = 0.464284 | MoV = 0.240419 | VoV = 0.001472 ]
Train: 100% 845/845 [03:22<00:00,  4.18 step/s]
Average loss=-0.2461501955986023
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.83 step/s]

[Valid(teacher)][54][UTT][ MSE = 0.4991 | LCC = 0.6406 | SRCC = 0.6046 ] [SYS][ MSE = 0.0338 | LCC = 0.9833 | SRCC = 0.9474 ]
[Valid(teacher)][54][UTT][ AML = 0.465732 | MoV = 0.239092 | VoV = 0.001477 ]
Train: 100% 845/845 [03:22<00:00,  4.17 step/s]
Average loss=-0.2573531860736084
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.15 step/s]

[Valid(teacher)][55][UTT][ MSE = 0.5098 | LCC = 0.6391 | SRCC = 0.6030 ] [SYS][ MSE = 0.0437 | LCC = 0.9833 | SRCC = 0.9412 ]
[Valid(teacher)][55][UTT][ AML = 0.463735 | MoV = 0.234087 | VoV = 0.001432 ]
Train: 100% 845/845 [03:22<00:00,  4.17 step/s]
Average loss=-0.2632545530796051
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.64 step/s]

[Valid(teacher)][56][UTT][ MSE = 0.5060 | LCC = 0.6390 | SRCC = 0.6032 ] [SYS][ MSE = 0.0400 | LCC = 0.9840 | SRCC = 0.9521 ]
[Valid(teacher)][56][UTT][ AML = 0.465301 | MoV = 0.232066 | VoV = 0.001447 ]
Train: 100% 845/845 [03:22<00:00,  4.18 step/s]
Average loss=-0.27021387219429016
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.09 step/s]

[Valid(teacher)][57][UTT][ MSE = 0.5110 | LCC = 0.6392 | SRCC = 0.6033 ] [SYS][ MSE = 0.0458 | LCC = 0.9840 | SRCC = 0.9412 ]
[Valid(teacher)][57][UTT][ AML = 0.463811 | MoV = 0.231007 | VoV = 0.001465 ]
Train: 100% 845/845 [03:22<00:00,  4.17 step/s]
Average loss=-0.284838945388794
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.56 step/s]

[Valid(teacher)][58][UTT][ MSE = 0.5025 | LCC = 0.6375 | SRCC = 0.6005 ] [SYS][ MSE = 0.0376 | LCC = 0.9831 | SRCC = 0.9474 ]
[Valid(teacher)][58][UTT][ AML = 0.466159 | MoV = 0.229570 | VoV = 0.001447 ]
Train: 100% 845/845 [03:21<00:00,  4.20 step/s]
Average loss=-0.2682561278343207
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.35 step/s]

[Valid(teacher)][59][UTT][ MSE = 0.4954 | LCC = 0.6377 | SRCC = 0.6007 ] [SYS][ MSE = 0.0315 | LCC = 0.9825 | SRCC = 0.9432 ]
[Valid(teacher)][59][UTT][ AML = 0.469168 | MoV = 0.228706 | VoV = 0.001438 ]
Train: 100% 845/845 [03:22<00:00,  4.18 step/s]
Average loss=-0.29825049638274817
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.31 step/s]

[Valid(teacher)][60][UTT][ MSE = 0.4977 | LCC = 0.6373 | SRCC = 0.6003 ] [SYS][ MSE = 0.0343 | LCC = 0.9817 | SRCC = 0.9391 ]
[Valid(teacher)][60][UTT][ AML = 0.469707 | MoV = 0.225953 | VoV = 0.001452 ]
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, 193.93 step/s]

[Test(best)][61][UTT][ MSE = 0.4812 | LCC = 0.6646 | SRCC = 0.6313 ] [SYS][ MSE = 0.0515 | LCC = 0.9665 | SRCC = 0.9309 ]
[Test(best)][61][UTT][ AML = 0.444209 | MoV = 0.341587 | VoV = 0.002465 ]
(lxygpu) [x_xlian@node018 DeePMOS]$ client_loop: send disconnect: Broken pipe
liangxinyu@liangxinyus-Mac-mini ~ %
```