```
(lxygpu) [x_xlian@node025 DeePMOS]$ python train.py --lamb_c=2 --lamb_t=0 --save_path=./runs/c2/run2/*
Loading all wav files.
100%|███████████████████████████████████████████████████████████████████████████████████████████████████████████████████████████| 54040/54040 [08:00<00:00, 112.48it/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, 28.78it/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 [02:28<00:00, 27.02it/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 [03:34<00:00,  3.94 step/s]
Average loss=4135.46875
Valid(teacher): 100% 3000/3000 [00:17<00:00, 167.98 step/s]

[Valid(teacher)][0][UTT][ MSE = 3.3267 | LCC = 0.4430 | SRCC = 0.4282 ] [SYS][ MSE = 3.2476 | LCC = 0.7494 | SRCC = 0.7949 ]
[Valid(teacher)][0][UTT][ AML = 0.142446 | MoV = 0.918147 | VoV = 0.009036 ]
Train: 100% 845/845 [03:27<00:00,  4.06 step/s]
Average loss=0.6633828878a0271
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.19 step/s]

[Valid(teacher)][1][UTT][ MSE = 0.9096 | LCC = 0.5551 | SRCC = 0.5234 ] [SYS][ MSE = 0.6008 | LCC = 0.8787 | SRCC = 0.8550 ]
[Valid(teacher)][1][UTT][ AML = 0.295636 | MoV = 0.886420 | VoV = 0.031616 ]
Train: 100% 845/845 [03:29<00:00,  4.04 step/s]
Average loss=0.4929496231446057
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.71 step/s]

[Valid(teacher)][2][UTT][ MSE = 1.0751 | LCC = 0.5808 | SRCC = 0.5414 ] [SYS][ MSE = 0.6938 | LCC = 0.9129 | SRCC = 0.8489 ]
[Valid(teacher)][2][UTT][ AML = 0.298564 | MoV = 0.529327 | VoV = 0.026779 ]
Train: 100% 845/845 [03:30<00:00,  4.02 step/s]
Average loss=0.42480039596557617
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.96 step/s]

[Valid(teacher)][3][UTT][ MSE = 0.8360 | LCC = 0.5968 | SRCC = 0.5560 ] [SYS][ MSE = 0.4122 | LCC = 0.9254 | SRCC = 0.8489 ]
[Valid(teacher)][3][UTT][ AML = 0.342796 | MoV = 0.455652 | VoV = 0.011251 ]
Train: 100% 845/845 [03:29<00:00,  4.03 step/s]
Average loss=0.39860206842422485
Valid(teacher): 100% 3000/3000 [00:15<00:00, 181.08 step/s]

[Valid(teacher)][4][UTT][ MSE = 0.5466 | LCC = 0.6144 | SRCC = 0.5702 ] [SYS][ MSE = 0.1232 | LCC = 0.9319 | SRCC = 0.8489 ]
[Valid(teacher)][4][UTT][ AML = 0.395577 | MoV = 0.466970 | VoV = 0.005388 ]
Train: 100% 845/845 [03:30<00:00,  4.02 step/s]
Average loss=0.3812277913093567
Valid(teacher): 100% 3000/3000 [00:16<00:00, 184.94 step/s]

[Valid(teacher)][5][UTT][ MSE = 0.6174 | LCC = 0.6132 | SRCC = 0.5703 ] [SYS][ MSE = 0.1938 | LCC = 0.9343 | SRCC = 0.8626 ]
[Valid(teacher)][5][UTT][ AML = 0.386552 | MoV = 0.448628 | VoV = 0.005401 ]
Train: 100% 845/845 [03:29<00:00,  4.04 step/s]
Average loss=0.36652946472216797
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.56 step/s]

[Valid(teacher)][6][UTT][ MSE = 0.6759 | LCC = 0.6124 | SRCC = 0.5703 ] [SYS][ MSE = 0.2506 | LCC = 0.9366 | SRCC = 0.8557 ]
[Valid(teacher)][6][UTT][ AML = 0.377154 | MoV = 0.434711 | VoV = 0.005219 ]
Train: 100% 845/845 [03:30<00:00,  4.02 step/s]
Average loss=0.3516447809677124
Valid(teacher): 100% 3000/3000 [00:16<00:00, 176.57 step/s]

[Valid(teacher)][7][UTT][ MSE = 0.6559 | LCC = 0.6154 | SRCC = 0.5739 ] [SYS][ MSE = 0.2298 | LCC = 0.9379 | SRCC = 0.8503 ]
[Valid(teacher)][7][UTT][ AML = 0.381648 | MoV = 0.431799 | VoV = 0.004611 ]
Train: 100% 845/845 [03:31<00:00,  3.99 step/s]
Average loss=0.33719387650489807
Valid(teacher): 100% 3000/3000 [00:16<00:00, 181.85 step/s]

[Valid(teacher)][8][UTT][ MSE = 0.6415 | LCC = 0.6182 | SRCC = 0.5771 ] [SYS][ MSE = 0.2175 | LCC = 0.9387 | SRCC = 0.8448 ]
[Valid(teacher)][8][UTT][ AML = 0.385619 | MoV = 0.425386 | VoV = 0.004311 ]
Train: 100% 845/845 [03:30<00:00,  4.01 step/s]
Average loss=0.32571321725845337
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.64 step/s]

[Valid(teacher)][9][UTT][ MSE = 0.5861 | LCC = 0.6227 | SRCC = 0.5812 ] [SYS][ MSE = 0.1598 | LCC = 0.9415 | SRCC = 0.8530 ]
[Valid(teacher)][9][UTT][ AML = 0.397041 | MoV = 0.424866 | VoV = 0.003888 ]
Train: 100% 845/845 [03:30<00:00,  4.02 step/s]
Average loss=0.31390684843063354
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.49 step/s]

[Valid(teacher)][10][UTT][ MSE = 0.5861 | LCC = 0.6254 | SRCC = 0.5847 ] [SYS][ MSE = 0.1595 | LCC = 0.9453 | SRCC = 0.8571 ]
[Valid(teacher)][10][UTT][ AML = 0.398838 | MoV = 0.416324 | VoV = 0.003572 ]
Train: 100% 845/845 [03:30<00:00,  4.02 step/s]
Average loss=0.3029088209705353
Valid(teacher): 100% 3000/3000 [00:15<00:00, 190.02 step/s]

[Valid(teacher)][11][UTT][ MSE = 0.5911 | LCC = 0.6276 | SRCC = 0.5878 ] [SYS][ MSE = 0.1643 | LCC = 0.9495 | SRCC = 0.8680 ]
[Valid(teacher)][11][UTT][ AML = 0.399454 | MoV = 0.408379 | VoV = 0.003449 ]
Train: 100% 845/845 [03:29<00:00,  4.04 step/s]
Average loss=0.28840992926079865
Valid(teacher): 100% 3000/3000 [00:16<00:00, 181.06 step/s]

[Valid(teacher)][12][UTT][ MSE = 0.6014 | LCC = 0.6273 | SRCC = 0.5890 ] [SYS][ MSE = 0.1741 | LCC = 0.9505 | SRCC = 0.8749 ]
[Valid(teacher)][12][UTT][ AML = 0.399040 | MoV = 0.400573 | VoV = 0.003246 ]
Train: 100% 845/845 [03:32<00:00,  3.98 step/s]
Average loss=0.2745046317577362
Valid(teacher): 100% 3000/3000 [00:16<00:00, 180.57 step/s]

[Valid(teacher)][13][UTT][ MSE = 0.6463 | LCC = 0.6257 | SRCC = 0.5984 ] [SYS][ MSE = 0.2183 | LCC = 0.9534 | SRCC = 0.8831 ]
[Valid(teacher)][13][UTT][ AML = 0.392851 | MoV = 0.386449 | VoV = 0.003198 ]
Train: 100% 845/845 [03:31<00:00,  4.00 step/s]
Average loss=0.26669663190841675
Valid(teacher): 100% 3000/3000 [00:16<00:00, 181.60 step/s]

[Valid(teacher)][14][UTT][ MSE = 0.7113 | LCC = 0.6208 | SRCC = 0.5896 ] [SYS][ MSE = 0.2828 | LCC = 0.9525 | SRCC = 0.8749 ]
[Valid(teacher)][14][UTT][ AML = 0.381499 | MoV = 0.373419 | VoV = 0.002931 ]
Train: 100% 845/845 [03:30<00:00,  4.02 step/s]
Average loss=0.2550870180130005
Valid(teacher): 100% 3000/3000 [00:16<00:00, 179.93 step/s]

[Valid(teacher)][15][UTT][ MSE = 0.6541 | LCC = 0.6256 | SRCC = 0.5933 ] [SYS][ MSE = 0.2227 | LCC = 0.9552 | SRCC = 0.8851 ]
[Valid(teacher)][15][UTT][ AML = 0.394321 | MoV = 0.370578 | VoV = 0.002677 ]
Train: 100% 845/845 [03:27<00:00,  4.07 step/s]
Average loss=0.2476358860731125
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.37 step/s]

[Valid(teacher)][16][UTT][ MSE = 0.6220 | LCC = 0.6260 | SRCC = 0.5939 ] [SYS][ MSE = 0.1872 | LCC = 0.9542 | SRCC = 0.8769 ]
[Valid(teacher)][16][UTT][ AML = 0.401948 | MoV = 0.368014 | VoV = 0.002547 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.2361081838607788
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.45 step/s]

[Valid(teacher)][17][UTT][ MSE = 0.5861 | LCC = 0.6309 | SRCC = 0.5970 ] [SYS][ MSE = 0.1510 | LCC = 0.9581 | SRCC = 0.8803 ]
[Valid(teacher)][17][UTT][ AML = 0.410869 | MoV = 0.364313 | VoV = 0.002477 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.22697818279266357
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.11 step/s]

[Valid(teacher)][18][UTT][ MSE = 0.5826 | LCC = 0.6332 | SRCC = 0.5990 ] [SYS][ MSE = 0.1497 | LCC = 0.9590 | SRCC = 0.8776 ]
[Valid(teacher)][18][UTT][ AML = 0.412576 | MoV = 0.358633 | VoV = 0.002425 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=0.21562919020065277
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.66 step/s]

[Valid(teacher)][19][UTT][ MSE = 0.5861 | LCC = 0.6349 | SRCC = 0.6011 ] [SYS][ MSE = 0.1539 | LCC = 0.9595 | SRCC = 0.8721 ]
[Valid(teacher)][19][UTT][ AML = 0.413135 | MoV = 0.351617 | VoV = 0.002335 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.20883655540095703
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.95 step/s]

[Valid(teacher)][20][UTT][ MSE = 0.5858 | LCC = 0.6364 | SRCC = 0.6032 ] [SYS][ MSE = 0.1544 | LCC = 0.9622 | SRCC = 0.8926 ]
[Valid(teacher)][20][UTT][ AML = 0.414420 | MoV = 0.346597 | VoV = 0.002164 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.19804202020168304
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.65 step/s]

[Valid(teacher)][21][UTT][ MSE = 0.5761 | LCC = 0.6385 | SRCC = 0.6051 ] [SYS][ MSE = 0.1457 | LCC = 0.9640 | SRCC = 0.8981 ]
[Valid(teacher)][21][UTT][ AML = 0.418129 | MoV = 0.341486 | VoV = 0.002079 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.19154910743236542
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.46 step/s]

[Valid(teacher)][22][UTT][ MSE = 0.5459 | LCC = 0.6418 | SRCC = 0.6072 ] [SYS][ MSE = 0.1144 | LCC = 0.9638 | SRCC = 0.8879 ]
[Valid(teacher)][22][UTT][ AML = 0.426228 | MoV = 0.338499 | VoV = 0.002067 ]
Train: 100% 845/845 [03:22<00:00,  4.16 step/s]
Average loss=0.17784501612186432
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.24 step/s]

[Valid(teacher)][23][UTT][ MSE = 0.5653 | LCC = 0.6407 | SRCC = 0.6074 ] [SYS][ MSE = 0.1354 | LCC = 0.9642 | SRCC = 0.8879 ]
[Valid(teacher)][23][UTT][ AML = 0.422875 | MoV = 0.331305 | VoV = 0.002011 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.17172735929489136
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.14 step/s]

[Valid(teacher)][24][UTT][ MSE = 0.5595 | LCC = 0.6442 | SRCC = 0.6110 ] [SYS][ MSE = 0.1344 | LCC = 0.9663 | SRCC = 0.9002 ]
[Valid(teacher)][24][UTT][ AML = 0.424744 | MoV = 0.328386 | VoV = 0.001956 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.15479248762130737
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.23 step/s]

[Valid(teacher)][25][UTT][ MSE = 0.5816 | LCC = 0.6433 | SRCC = 0.6117 ] [SYS][ MSE = 0.1578 | LCC = 0.9678 | SRCC = 0.9002 ]
[Valid(teacher)][25][UTT][ AML = 0.421040 | MoV = 0.321358 | VoV = 0.001768 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.14790862798690796
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.38 step/s]

[Valid(teacher)][26][UTT][ MSE = 0.5633 | LCC = 0.6447 | SRCC = 0.6124 ] [SYS][ MSE = 0.1378 | LCC = 0.9694 | SRCC = 0.9084 ]
[Valid(teacher)][26][UTT][ AML = 0.426870 | MoV = 0.317356 | VoV = 0.001698 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.13980608698129654
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.13 step/s]

[Valid(teacher)][27][UTT][ MSE = 0.5556 | LCC = 0.6467 | SRCC = 0.6147 ] [SYS][ MSE = 0.1307 | LCC = 0.9729 | SRCC = 0.9234 ]
[Valid(teacher)][27][UTT][ AML = 0.429576 | MoV = 0.313218 | VoV = 0.001677 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.12958618998527527
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.13 step/s]

[Valid(teacher)][28][UTT][ MSE = 0.5454 | LCC = 0.6474 | SRCC = 0.6153 ] [SYS][ MSE = 0.1197 | LCC = 0.9730 | SRCC = 0.9234 ]
[Valid(teacher)][28][UTT][ AML = 0.433167 | MoV = 0.308309 | VoV = 0.001586 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.11956296861171722
Valid(teacher): 100% 3000/3000 [00:15<00:00, 188.01 step/s]
```

```
[Valid(teacher)][29][UTT][ MSE = 0.5733 | LCC = 0.6447 | SRCC = 0.6139 ] [SYS][ MSE = 0.1485 | LCC = 0.9727 | SRCC = 0.9323 ]
[Valid(teacher)][29][UTT][ AML = 0.426443 | MoV = 0.303542 | VoV = 0.001492 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.11150571703910828
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.07 step/s]

[Valid(teacher)][30][UTT][ MSE = 0.5596 | LCC = 0.6464 | SRCC = 0.6149 ] [SYS][ MSE = 0.1341 | LCC = 0.9734 | SRCC = 0.9255 ]
[Valid(teacher)][30][UTT][ AML = 0.430657 | MoV = 0.300482 | VoV = 0.001497 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.10683399438858032
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.72 step/s]

[Valid(teacher)][31][UTT][ MSE = 0.5670 | LCC = 0.6488 | SRCC = 0.6177 ] [SYS][ MSE = 0.1475 | LCC = 0.9741 | SRCC = 0.9255 ]
[Valid(teacher)][31][UTT][ AML = 0.428473 | MoV = 0.297846 | VoV = 0.001518 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.09338153153657913
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.02 step/s]

[Valid(teacher)][32][UTT][ MSE = 0.5456 | LCC = 0.6507 | SRCC = 0.6195 ] [SYS][ MSE = 0.1238 | LCC = 0.9760 | SRCC = 0.9350 ]
[Valid(teacher)][32][UTT][ AML = 0.435391 | MoV = 0.293596 | VoV = 0.001466 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.08246038109864102
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.01 step/s]

[Valid(teacher)][33][UTT][ MSE = 0.5517 | LCC = 0.6504 | SRCC = 0.6196 ] [SYS][ MSE = 0.1284 | LCC = 0.9761 | SRCC = 0.9398 ]
[Valid(teacher)][33][UTT][ AML = 0.434584 | MoV = 0.289389 | VoV = 0.001448 ]
Train: 100% 845/845 [03:27<00:00,  4.06 step/s]
Average loss=0.08135052770376205
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.20 step/s]

[Valid(teacher)][34][UTT][ MSE = 0.5574 | LCC = 0.6479 | SRCC = 0.6179 ] [SYS][ MSE = 0.1303 | LCC = 0.9759 | SRCC = 0.9398 ]
[Valid(teacher)][34][UTT][ AML = 0.434149 | MoV = 0.285168 | VoV = 0.001421 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=0.06654246151447296
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.20 step/s]

[Valid(teacher)][35][UTT][ MSE = 0.5785 | LCC = 0.6449 | SRCC = 0.6160 ] [SYS][ MSE = 0.1489 | LCC = 0.9759 | SRCC = 0.9426 ]
[Valid(teacher)][35][UTT][ AML = 0.429629 | MoV = 0.279953 | VoV = 0.001331 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.06650425493717194
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.26 step/s]

[Valid(teacher)][36][UTT][ MSE = 0.5718 | LCC = 0.6452 | SRCC = 0.6164 ] [SYS][ MSE = 0.1387 | LCC = 0.9765 | SRCC = 0.9446 ]
[Valid(teacher)][36][UTT][ AML = 0.432300 | MoV = 0.276305 | VoV = 0.001264 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.05496210232377052
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.05 step/s]

[Valid(teacher)][37][UTT][ MSE = 0.5847 | LCC = 0.6420 | SRCC = 0.6155 ] [SYS][ MSE = 0.1477 | LCC = 0.9760 | SRCC = 0.9501 ]
[Valid(teacher)][37][UTT][ AML = 0.430544 | MoV = 0.269870 | VoV = 0.001179 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=0.05253507196903229
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.46 step/s]

[Valid(teacher)][38][UTT][ MSE = 0.5955 | LCC = 0.6394 | SRCC = 0.6138 ] [SYS][ MSE = 0.1583 | LCC = 0.9748 | SRCC = 0.9460 ]
[Valid(teacher)][38][UTT][ AML = 0.427466 | MoV = 0.268078 | VoV = 0.001170 ]
Train: 100% 845/845 [03:22<00:00,  4.17 step/s]
Average loss=0.05067307502031326
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.56 step/s]

[Valid(teacher)][39][UTT][ MSE = 0.5646 | LCC = 0.6407 | SRCC = 0.6144 ] [SYS][ MSE = 0.1237 | LCC = 0.9754 | SRCC = 0.9501 ]
[Valid(teacher)][39][UTT][ AML = 0.436362 | MoV = 0.267204 | VoV = 0.001193 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.03274687007069588
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.86 step/s]

[Valid(teacher)][40][UTT][ MSE = 0.5868 | LCC = 0.6376 | SRCC = 0.6118 ] [SYS][ MSE = 0.1450 | LCC = 0.9748 | SRCC = 0.9501 ]
[Valid(teacher)][40][UTT][ AML = 0.431314 | MoV = 0.261324 | VoV = 0.001074 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.02627251483500038
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.61 step/s]

[Valid(teacher)][41][UTT][ MSE = 0.6185 | LCC = 0.6360 | SRCC = 0.6116 ] [SYS][ MSE = 0.1811 | LCC = 0.9748 | SRCC = 0.9501 ]
[Valid(teacher)][41][UTT][ AML = 0.423675 | MoV = 0.258674 | VoV = 0.001056 ]
Train: 100% 845/845 [03:22<00:00,  4.17 step/s]
Average loss=0.021493187174820101
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.28 step/s]

[Valid(teacher)][42][UTT][ MSE = 0.6162 | LCC = 0.6355 | SRCC = 0.6115 ] [SYS][ MSE = 0.1778 | LCC = 0.9746 | SRCC = 0.9521 ]
[Valid(teacher)][42][UTT][ AML = 0.425068 | MoV = 0.255594 | VoV = 0.001028 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.02126525156199932
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.11 step/s]

[Valid(teacher)][43][UTT][ MSE = 0.5877 | LCC = 0.6387 | SRCC = 0.6129 ] [SYS][ MSE = 0.1465 | LCC = 0.9759 | SRCC = 0.9521 ]
[Valid(teacher)][43][UTT][ AML = 0.433545 | MoV = 0.253948 | VoV = 0.001071 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.01003497559577266
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.88 step/s]

[Valid(teacher)][44][UTT][ MSE = 0.5820 | LCC = 0.6394 | SRCC = 0.6132 ] [SYS][ MSE = 0.1401 | LCC = 0.9765 | SRCC = 0.9521 ]
[Valid(teacher)][44][UTT][ AML = 0.435412 | MoV = 0.252176 | VoV = 0.001090 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.005165100563317537
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.37 step/s]

[Valid(teacher)][45][UTT][ MSE = 0.5612 | LCC = 0.6402 | SRCC = 0.6133 ] [SYS][ MSE = 0.1178 | LCC = 0.9774 | SRCC = 0.9535 ]
[Valid(teacher)][45][UTT][ AML = 0.440827 | MoV = 0.251717 | VoV = 0.001139 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=-0.0017392527079209685
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.94 step/s]

[Valid(teacher)][46][UTT][ MSE = 0.5517 | LCC = 0.6404 | SRCC = 0.6133 ] [SYS][ MSE = 0.1063 | LCC = 0.9777 | SRCC = 0.9439 ]
[Valid(teacher)][46][UTT][ AML = 0.444210 | MoV = 0.248680 | VoV = 0.001172 ]
Train: 100% 845/845 [03:27<00:00,  4.07 step/s]
Average loss=-0.01000442076474428 2
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.45 step/s]

[Valid(teacher)][47][UTT][ MSE = 0.5594 | LCC = 0.6371 | SRCC = 0.6105 ] [SYS][ MSE = 0.1110 | LCC = 0.9763 | SRCC = 0.9521 ]
[Valid(teacher)][47][UTT][ AML = 0.442724 | MoV = 0.247497 | VoV = 0.001220 ]
Train: 100% 845/845 [03:27<00:00,  4.07 step/s]
Average loss=-0.01923456704759598
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.03 step/s]

[Valid(teacher)][48][UTT][ MSE = 0.5655 | LCC = 0.6331 | SRCC = 0.6079 ] [SYS][ MSE = 0.1131 | LCC = 0.9745 | SRCC = 0.9467 ]
[Valid(teacher)][48][UTT][ AML = 0.441904 | MoV = 0.243516 | VoV = 0.001152 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.02105841785669326 8
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.08 step/s]

[Valid(teacher)][49][UTT][ MSE = 0.5982 | LCC = 0.6310 | SRCC = 0.6070 ] [SYS][ MSE = 0.1475 | LCC = 0.9744 | SRCC = 0.9385 ]
[Valid(teacher)][49][UTT][ AML = 0.433551 | MoV = 0.240369 | VoV = 0.001099 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.02790670784526252 7
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.75 step/s]

[Valid(teacher)][50][UTT][ MSE = 0.6185 | LCC = 0.6268 | SRCC = 0.6040 ] [SYS][ MSE = 0.1677 | LCC = 0.9726 | SRCC = 0.9460 ]
[Valid(teacher)][50][UTT][ AML = 0.428126 | MoV = 0.238239 | VoV = 0.001073 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.02884343413952589 04
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.37 step/s]

[Valid(teacher)][51][UTT][ MSE = 0.6129 | LCC = 0.6257 | SRCC = 0.6031 ] [SYS][ MSE = 0.1607 | LCC = 0.9716 | SRCC = 0.9439 ]
[Valid(teacher)][51][UTT][ AML = 0.429936 | MoV = 0.237664 | VoV = 0.001137 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.0318294130265712 74
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.91 step/s]

[Valid(teacher)][52][UTT][ MSE = 0.6140 | LCC = 0.6245 | SRCC = 0.6022 ] [SYS][ MSE = 0.1601 | LCC = 0.9719 | SRCC = 0.9378 ]
[Valid(teacher)][52][UTT][ AML = 0.429679 | MoV = 0.237344 | VoV = 0.001184 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.0351354425368309
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.77 step/s]

[Valid(teacher)][53][UTT][ MSE = 0.5935 | LCC = 0.6287 | SRCC = 0.6043 ] [SYS][ MSE = 0.1401 | LCC = 0.9745 | SRCC = 0.9391 ]
[Valid(teacher)][53][UTT][ AML = 0.434796 | MoV = 0.236843 | VoV = 0.001277 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.04589765518903732
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.52 step/s]

[Valid(teacher)][54][UTT][ MSE = 0.5762 | LCC = 0.6305 | SRCC = 0.6052 ] [SYS][ MSE = 0.1212 | LCC = 0.9741 | SRCC = 0.9350 ]
[Valid(teacher)][54][UTT][ AML = 0.440578 | MoV = 0.233796 | VoV = 0.001226 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=-0.05152138322591781 6
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.02 step/s]

[Valid(teacher)][55][UTT][ MSE = 0.5770 | LCC = 0.6298 | SRCC = 0.6048 ] [SYS][ MSE = 0.1206 | LCC = 0.9734 | SRCC = 0.9364 ]
[Valid(teacher)][55][UTT][ AML = 0.440582 | MoV = 0.232143 | VoV = 0.001232 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=-0.05493835359811783
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.81 step/s]

[Valid(teacher)][56][UTT][ MSE = 0.5672 | LCC = 0.6288 | SRCC = 0.6032 ] [SYS][ MSE = 0.1108 | LCC = 0.9720 | SRCC = 0.9364 ]
[Valid(teacher)][56][UTT][ AML = 0.442501 | MoV = 0.231491 | VoV = 0.001259 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=-0.05814906217718124
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.62 step/s]

[Valid(teacher)][57][UTT][ MSE = 0.5746 | LCC = 0.6265 | SRCC = 0.6011 ] [SYS][ MSE = 0.1163 | LCC = 0.9716 | SRCC = 0.9275 ]
[Valid(teacher)][57][UTT][ AML = 0.440553 | MoV = 0.229055 | VoV = 0.001267 ]
Train: 100% 845/845 [03:22<00:00,  4.17 step/s]
Average loss=-0.06820970773696 9
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.49 step/s]

[Valid(teacher)][58][UTT][ MSE = 0.5799 | LCC = 0.6264 | SRCC = 0.6011 ] [SYS][ MSE = 0.1209 | LCC = 0.9715 | SRCC = 0.9227 ]
[Valid(teacher)][58][UTT][ AML = 0.439467 | MoV = 0.227596 | VoV = 0.001345 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=-0.07588271796703339
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.00 step/s]

[Valid(teacher)][59][UTT][ MSE = 0.5910 | LCC = 0.6202 | SRCC = 0.5973 ] [SYS][ MSE = 0.1293 | LCC = 0.9691 | SRCC = 0.9330 ]
[Valid(teacher)][59][UTT][ AML = 0.436801 | MoV = 0.224971 | VoV = 0.001334 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=-0.07651364543180467 2
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.60 step/s]

[Valid(teacher)][60][UTT][ MSE = 0.5911 | LCC = 0.6198 | SRCC = 0.5965 ] [SYS][ MSE = 0.1305 | LCC = 0.9700 | SRCC = 0.9323 ]
[Valid(teacher)][60][UTT][ AML = 0.436478 | MoV = 0.225345 | VoV = 0.001388 ]
Best model performance test:
Test(best):  8% 0/4000 [00:00<?, ? step/s]/home/x_xlian/.conda/envs/lxygpu/lib/python3.8/site-packages/torch/nn/modules/rnn.py:774: UserWarning: RNN module weights are not part of single contiguous chunk of memory. This means they need to be compacted at every call, poss
ibly greatly increasing memory usage. To compact weights again call flatten_parameters(). (Triggered internally at ../aten/src/ATen/native/cudnn/RNN.cpp:968.)
  result = _VF.lstm(input, hx, self._flat_weights, self.bias, self.num_layers,
Test(best): 100% 4000/4000 [00:20<00:00, 195.93 step/s]

[Test(best)][61][UTT][ MSE = 0.5320 | LCC = 0.6630 | SRCC = 0.6316 ] [SYS][ MSE = 0.1190 | LCC = 0.9728 | SRCC = 0.9487 ]
[Test(best)][61][UTT][ AML = 0.441862 | MoV = 0.292596 | VoV = 0.001468 ]
(lxygpu) [x_xlian@node025 DeePMOS]$
```