```
(lxygpu) [x_xlian@node015 DeePMOS]$ python train.py --lamb_c=0 --lamb_t=0 --dataset "bvcc" --data_path '../BVCC/DATA/' --id_table '../BVCC/id_table/' --save_path='runs/bvcc/c0/run5/'
Train: 100% 622/622 [02:38<00:00,  3.93 step/s]
Average loss=83283.1875
Valid(teacher): 100% 1066/1066 [00:05<00:00, 182.38 step/s]

[Valid(teacher)][0][UTT][ MSE = 0.8683 | LCC = 0.5402 | SRCC = 0.5462 ] [SYS][ MSE = 0.6369 | LCC = 0.6730 | SRCC = 0.6846 ]
[Valid(teacher)][0][UTT][ AML = 0.331934 | MoV = 0.559809 | VoV = 0.014432 ]
Train: 100% 622/622 [02:33<00:00,  4.04 step/s]
Average loss=0.2141868621110916
Valid(teacher): 100% 1066/1066 [00:04<00:00, 219.75 step/s]
/home/x_xlian/.conda/envs/lxygpu/lib/python3.8/site-packages/scipy/stats/_distn_infrastructure.py:2885: RuntimeWarning: divide by zero encountered in divide
  x = np.asarray((x - loc)/scale, dtype=dtype)

[Valid(teacher)][1][UTT][ MSE = 3.3463 | LCC = 0.6543 | SRCC = 0.6581 ] [SYS][ MSE = 2.9869 | LCC = 0.7791 | SRCC = 0.7836 ]
[Valid(teacher)][1][UTT][ AML = nan | MoV = 0.201188 | VoV = 0.012145 ]
Train: 100% 622/622 [02:33<00:00,  4.04 step/s]
Average loss=0.10860256850719452
Valid(teacher): 100% 1066/1066 [00:04<00:00, 216.92 step/s]

[Valid(teacher)][2][UTT][ MSE = 2.4991 | LCC = 0.6900 | SRCC = 0.6952 ] [SYS][ MSE = 2.1393 | LCC = 0.8133 | SRCC = 0.8181 ]
[Valid(teacher)][2][UTT][ AML = 0.106427 | MoV = 0.204140 | VoV = 0.009596 ]
Train: 100% 622/622 [02:35<00:00,  4.00 step/s]
Average loss=0.0773618146777153
Valid(teacher): 100% 1066/1066 [00:05<00:00, 209.80 step/s]

[Valid(teacher)][3][UTT][ MSE = 1.4256 | LCC = 0.7072 | SRCC = 0.7228 ] [SYS][ MSE = 1.0914 | LCC = 0.8467 | SRCC = 0.8522 ]
[Valid(teacher)][3][UTT][ AML = 0.248055 | MoV = 0.243295 | VoV = 0.010302 ]
Train: 100% 622/622 [02:35<00:00,  4.00 step/s]
Average loss=0.021128056570887566
Valid(teacher): 100% 1066/1066 [00:05<00:00, 212.57 step/s]

[Valid(teacher)][4][UTT][ MSE = 1.8021 | LCC = 0.7073 | SRCC = 0.7291 ] [SYS][ MSE = 1.4497 | LCC = 0.8513 | SRCC = 0.8579 ]
[Valid(teacher)][4][UTT][ AML = 0.186069 | MoV = 0.186670 | VoV = 0.008492 ]
Train: 100% 622/622 [02:35<00:00,  4.01 step/s]
Average loss=-0.024237481877207756
Valid(teacher): 100% 1066/1066 [00:04<00:00, 213.73 step/s]

[Valid(teacher)][5][UTT][ MSE = 1.7444 | LCC = 0.7079 | SRCC = 0.7335 ] [SYS][ MSE = 1.3972 | LCC = 0.8555 | SRCC = 0.8629 ]
[Valid(teacher)][5][UTT][ AML = 0.195739 | MoV = 0.193439 | VoV = 0.008318 ]
Train: 100% 622/622 [02:35<00:00,  4.00 step/s]
Average loss=-0.0615046843863754
Valid(teacher): 100% 1066/1066 [00:05<00:00, 210.91 step/s]

[Valid(teacher)][6][UTT][ MSE = 1.7568 | LCC = 0.7058 | SRCC = 0.7342 ] [SYS][ MSE = 1.4119 | LCC = 0.8512 | SRCC = 0.8592 ]
[Valid(teacher)][6][UTT][ AML = 0.190448 | MoV = 0.187232 | VoV = 0.007892 ]
Train: 100% 622/622 [02:36<00:00,  3.97 step/s]
Average loss=-0.10956800924674988
Valid(teacher): 100% 1066/1066 [00:05<00:00, 204.25 step/s]

[Valid(teacher)][7][UTT][ MSE = 1.8248 | LCC = 0.7034 | SRCC = 0.7353 ] [SYS][ MSE = 1.4819 | LCC = 0.8451 | SRCC = 0.8570 ]
[Valid(teacher)][7][UTT][ AML = 0.177676 | MoV = 0.174713 | VoV = 0.007036 ]
Train: 100% 622/622 [02:37<00:00,  3.96 step/s]
Average loss=-0.1255938261743602
Valid(teacher): 100% 1066/1066 [00:04<00:00, 213.30 step/s]

[Valid(teacher)][8][UTT][ MSE = 1.9471 | LCC = 0.7006 | SRCC = 0.7360 ] [SYS][ MSE = 1.6007 | LCC = 0.8376 | SRCC = 0.8561 ]
[Valid(teacher)][8][UTT][ AML = 0.158777 | MoV = 0.160100 | VoV = 0.006451 ]
Train: 100% 622/622 [02:34<00:00,  4.02 step/s]
Average loss=-0.1550886631011963
Valid(teacher): 100% 1066/1066 [00:04<00:00, 216.30 step/s]

[Valid(teacher)][9][UTT][ MSE = 1.9901 | LCC = 0.6971 | SRCC = 0.7359 ] [SYS][ MSE = 1.6450 | LCC = 0.8324 | SRCC = 0.8559 ]
[Valid(teacher)][9][UTT][ AML = 0.152783 | MoV = 0.151187 | VoV = 0.006046 ]
Train: 100% 622/622 [02:33<00:00,  4.04 step/s]
Average loss=-0.18105366826057434
Valid(teacher): 100% 1066/1066 [00:04<00:00, 217.76 step/s]

[Valid(teacher)][10][UTT][ MSE = 1.9785 | LCC = 0.6940 | SRCC = 0.7338 ] [SYS][ MSE = 1.6361 | LCC = 0.8249 | SRCC = 0.8523 ]
[Valid(teacher)][10][UTT][ AML = 0.151950 | MoV = 0.144140 | VoV = 0.005954 ]
Train: 100% 622/622 [02:33<00:00,  4.06 step/s]
Average loss=-0.20678256452083588
Valid(teacher): 100% 1066/1066 [00:04<00:00, 220.96 step/s]

[Valid(teacher)][11][UTT][ MSE = 1.9626 | LCC = 0.6939 | SRCC = 0.7336 ] [SYS][ MSE = 1.6221 | LCC = 0.8181 | SRCC = 0.8488 ]
[Valid(teacher)][11][UTT][ AML = 0.151086 | MoV = 0.138605 | VoV = 0.005732 ]
Train: 100% 622/622 [02:34<00:00,  4.03 step/s]
Average loss=-0.2267421931028366
Valid(teacher): 100% 1066/1066 [00:05<00:00, 199.64 step/s]

[Valid(teacher)][12][UTT][ MSE = 1.8132 | LCC = 0.6988 | SRCC = 0.7328 ] [SYS][ MSE = 1.4771 | LCC = 0.8181 | SRCC = 0.8466 ]
[Valid(teacher)][12][UTT][ AML = 0.167184 | MoV = 0.140015 | VoV = 0.006088 ]
Train: 100% 622/622 [02:36<00:00,  3.98 step/s]
Average loss=-0.24862386286258698
Valid(teacher): 100% 1066/1066 [00:05<00:00, 210.95 step/s]

[Valid(teacher)][13][UTT][ MSE = 1.7540 | LCC = 0.7043 | SRCC = 0.7347 ] [SYS][ MSE = 1.4182 | LCC = 0.8226 | SRCC = 0.8496 ]
[Valid(teacher)][13][UTT][ AML = 0.170123 | MoV = 0.134282 | VoV = 0.005950 ]
Train: 100% 622/622 [02:35<00:00,  3.99 step/s]
Average loss=-0.275103837251632
Valid(teacher): 100% 1066/1066 [00:05<00:00, 212.28 step/s]

[Valid(teacher)][14][UTT][ MSE = 1.6710 | LCC = 0.7092 | SRCC = 0.7363 ] [SYS][ MSE = 1.3382 | LCC = 0.8285 | SRCC = 0.8518 ]
[Valid(teacher)][14][UTT][ AML = 0.180923 | MoV = 0.130890 | VoV = 0.005812 ]
Train: 100% 622/622 [02:36<00:00,  3.98 step/s]
Average loss=-0.2815406918525696
Valid(teacher): 100% 1066/1066 [00:05<00:00, 207.52 step/s]

[Valid(teacher)][15][UTT][ MSE = 1.5996 | LCC = 0.7126 | SRCC = 0.7370 ] [SYS][ MSE = 1.2666 | LCC = 0.8338 | SRCC = 0.8533 ]
[Valid(teacher)][15][UTT][ AML = 0.190973 | MoV = 0.128230 | VoV = 0.005542 ]
Train: 100% 622/622 [02:36<00:00,  3.98 step/s]
Average loss=-0.2950912117958069
Valid(teacher): 100% 1066/1066 [00:05<00:00, 196.34 step/s]

[Valid(teacher)][16][UTT][ MSE = 1.5850 | LCC = 0.7120 | SRCC = 0.7356 ] [SYS][ MSE = 1.2489 | LCC = 0.8359 | SRCC = 0.8518 ]
[Valid(teacher)][16][UTT][ AML = 0.193713 | MoV = 0.124267 | VoV = 0.005182 ]
Train: 100% 622/622 [02:36<00:00,  3.98 step/s]
Average loss=-0.3204197883685957
Valid(teacher): 100% 1066/1066 [00:05<00:00, 210.23 step/s]

[Valid(teacher)][17][UTT][ MSE = 1.5581 | LCC = 0.7143 | SRCC = 0.7367 ] [SYS][ MSE = 1.2238 | LCC = 0.8419 | SRCC = 0.8564 ]
[Valid(teacher)][17][UTT][ AML = 0.195242 | MoV = 0.120811 | VoV = 0.004940 ]
Train: 100% 622/622 [02:34<00:00,  4.02 step/s]
Average loss=-0.33234500885009766
Valid(teacher): 100% 1066/1066 [00:04<00:00, 214.83 step/s]

[Valid(teacher)][18][UTT][ MSE = 1.5457 | LCC = 0.7141 | SRCC = 0.7369 ] [SYS][ MSE = 1.2121 | LCC = 0.8411 | SRCC = 0.8551 ]
[Valid(teacher)][18][UTT][ AML = 0.198106 | MoV = 0.119059 | VoV = 0.004720 ]
Train: 100% 622/622 [02:35<00:00,  4.01 step/s]
Average loss=-0.3540083765983815
Valid(teacher): 100% 1066/1066 [00:04<00:00, 214.00 step/s]

[Valid(teacher)][19][UTT][ MSE = 1.4785 | LCC = 0.7175 | SRCC = 0.7379 ] [SYS][ MSE = 1.1460 | LCC = 0.8422 | SRCC = 0.8537 ]
[Valid(teacher)][19][UTT][ AML = 0.207601 | MoV = 0.117186 | VoV = 0.004699 ]
Train: 100% 622/622 [02:32<00:00,  4.07 step/s]
Average loss=-0.3580219149589586
Valid(teacher): 100% 1066/1066 [00:04<00:00, 216.75 step/s]

[Valid(teacher)][20][UTT][ MSE = 1.5460 | LCC = 0.7160 | SRCC = 0.7374 ] [SYS][ MSE = 1.2114 | LCC = 0.8423 | SRCC = 0.8543 ]
[Valid(teacher)][20][UTT][ AML = 0.191653 | MoV = 0.109393 | VoV = 0.004203 ]
Train: 100% 622/622 [02:34<00:00,  4.02 step/s]
Average loss=-0.37977564334869385
Valid(teacher): 100% 1066/1066 [00:04<00:00, 219.52 step/s]

[Valid(teacher)][21][UTT][ MSE = 1.4336 | LCC = 0.7218 | SRCC = 0.7396 ] [SYS][ MSE = 1.1028 | LCC = 0.8472 | SRCC = 0.8560 ]
[Valid(teacher)][21][UTT][ AML = 0.210879 | MoV = 0.109268 | VoV = 0.004261 ]
Train: 100% 622/622 [02:35<00:00,  4.01 step/s]
Average loss=-0.3871121406555176
Valid(teacher): 100% 1066/1066 [00:05<00:00, 209.78 step/s]

[Valid(teacher)][22][UTT][ MSE = 1.4263 | LCC = 0.7231 | SRCC = 0.7404 ] [SYS][ MSE = 1.0901 | LCC = 0.8495 | SRCC = 0.8569 ]
[Valid(teacher)][22][UTT][ AML = 0.212306 | MoV = 0.106314 | VoV = 0.004004 ]
Train: 100% 622/622 [02:36<00:00,  3.98 step/s]
Average loss=-0.3956724107265724
Valid(teacher): 100% 1066/1066 [00:05<00:00, 211.78 step/s]

[Valid(teacher)][23][UTT][ MSE = 1.3971 | LCC = 0.7260 | SRCC = 0.7429 ] [SYS][ MSE = 1.0642 | LCC = 0.8504 | SRCC = 0.8573 ]
[Valid(teacher)][23][UTT][ AML = 0.217186 | MoV = 0.104459 | VoV = 0.003876 ]
Train: 100% 622/622 [02:35<00:00,  4.01 step/s]
Average loss=-0.4110511839389801
Valid(teacher): 100% 1066/1066 [00:05<00:00, 212.68 step/s]

[Valid(teacher)][24][UTT][ MSE = 1.3848 | LCC = 0.7265 | SRCC = 0.7432 ] [SYS][ MSE = 1.0499 | LCC = 0.8505 | SRCC = 0.8601 ]
[Valid(teacher)][24][UTT][ AML = 0.219410 | MoV = 0.101359 | VoV = 0.003557 ]
Train: 100% 622/622 [02:36<00:00,  3.98 step/s]
Average loss=-0.4265538454055786
Valid(teacher): 100% 1066/1066 [00:05<00:00, 212.02 step/s]

[Valid(teacher)][25][UTT][ MSE = 1.4599 | LCC = 0.7208 | SRCC = 0.7401 ] [SYS][ MSE = 1.1176 | LCC = 0.8488 | SRCC = 0.8587 ]
[Valid(teacher)][25][UTT][ AML = 0.205017 | MoV = 0.095578 | VoV = 0.003264 ]
Train: 100% 622/622 [02:35<00:00,  4.01 step/s]
Average loss=-0.42906486988067627
Valid(teacher): 100% 1066/1066 [00:05<00:00, 204.73 step/s]

[Valid(teacher)][26][UTT][ MSE = 1.4002 | LCC = 0.7230 | SRCC = 0.7400 ] [SYS][ MSE = 1.0615 | LCC = 0.8493 | SRCC = 0.8577 ]
[Valid(teacher)][26][UTT][ AML = 0.215210 | MoV = 0.096276 | VoV = 0.003363 ]
Train: 100% 622/622 [02:35<00:00,  3.99 step/s]
Average loss=-0.452232301235199
Valid(teacher): 100% 1066/1066 [00:05<00:00, 197.30 step/s]

[Valid(teacher)][27][UTT][ MSE = 1.4240 | LCC = 0.7225 | SRCC = 0.7405 ] [SYS][ MSE = 1.0890 | LCC = 0.8502 | SRCC = 0.8592 ]
[Valid(teacher)][27][UTT][ AML = 0.218163 | MoV = 0.091131 | VoV = 0.003055 ]
Train: 100% 622/622 [02:33<00:00,  4.05 step/s]
Average loss=-0.4561026096343994
Valid(teacher): 100% 1066/1066 [00:04<00:00, 218.49 step/s]

[Valid(teacher)][28][UTT][ MSE = 1.3304 | LCC = 0.7278 | SRCC = 0.7434 ] [SYS][ MSE = 1.0003 | LCC = 0.8525 | SRCC = 0.8600 ]
[Valid(teacher)][28][UTT][ AML = 0.229301 | MoV = 0.091856 | VoV = 0.003053 ]
Train: 100% 622/622 [02:34<00:00,  4.03 step/s]
Average loss=-0.4623335599899292
Valid(teacher): 100% 1066/1066 [00:04<00:00, 219.19 step/s]

[Valid(teacher)][29][UTT][ MSE = 1.3422 | LCC = 0.7273 | SRCC = 0.7429 ] [SYS][ MSE = 1.0107 | LCC = 0.8543 | SRCC = 0.8616 ]
[Valid(teacher)][29][UTT][ AML = 0.226066 | MoV = 0.089264 | VoV = 0.002895 ]
Train: 100% 622/622 [02:32<00:00,  4.07 step/s]
Average loss=-0.4305387309659816
Valid(teacher): 100% 1066/1066 [00:04<00:00, 220.81 step/s]

[Valid(teacher)][30][UTT][ MSE = 1.3758 | LCC = 0.7254 | SRCC = 0.7418 ] [SYS][ MSE = 1.0362 | LCC = 0.8528 | SRCC = 0.8613 ]
[Valid(teacher)][30][UTT][ AML = 0.218785 | MoV = 0.088842 | VoV = 0.002800 ]
Train: 100% 622/622 [02:32<00:00,  4.08 step/s]
Average loss=-0.47522518038749695
Valid(teacher): 100% 1066/1066 [00:04<00:00, 214.23 step/s]

[Valid(teacher)][31][UTT][ MSE = 1.3302 | LCC = 0.7302 | SRCC = 0.7448 ] [SYS][ MSE = 0.9964 | LCC = 0.8545 | SRCC = 0.8641 ]
[Valid(teacher)][31][UTT][ AML = 0.225149 | MoV = 0.088692 | VoV = 0.002767 ]
Train: 100% 622/622 [02:35<00:00,  4.00 step/s]
Average loss=-0.4770554304122925
Valid(teacher): 100% 1066/1066 [00:05<00:00, 208.20 step/s]
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[Valid(teacher)][32][UTT][ MSE = 1.3201 | LCC = 0.7302 | SRCC = 0.7448 ] [SYS][ MSE = 0.9854 | LCC = 0.8543 | SRCC = 0.8621 ]
[Valid(teacher)][32][UTT][ AML = 0.227124 | MoV = 0.086840 | VoV = 0.002737 ]
Train: 100% 622/622 [02:36<00:00,  3.97 step/s]
Average loss=-0.4676623940446783345
Valid(teacher): 100% 1066/1066 [00:05<00:00, 205.48 step/s]

[Valid(teacher)][33][UTT][ MSE = 1.3001 | LCC = 0.7326 | SRCC = 0.7467 ] [SYS][ MSE = 0.9688 | LCC = 0.8555 | SRCC = 0.8632 ]
[Valid(teacher)][33][UTT][ AML = 0.229519 | MoV = 0.084951 | VoV = 0.002558 ]
Train: 100% 622/622 [02:35<00:00,  4.00 step/s]
Average loss=-0.5068827271461487
Valid(teacher): 100% 1066/1066 [00:05<00:00, 204.61 step/s]

[Valid(teacher)][34][UTT][ MSE = 1.2800 | LCC = 0.7330 | SRCC = 0.7474 ] [SYS][ MSE = 0.9475 | LCC = 0.8539 | SRCC = 0.8628 ]
[Valid(teacher)][34][UTT][ AML = 0.234929 | MoV = 0.082859 | VoV = 0.002378 ]
Train: 100% 622/622 [02:36<00:00,  3.97 step/s]
Average loss=-0.5085093975867139
Valid(teacher): 100% 1066/1066 [00:05<00:00, 202.05 step/s]

[Valid(teacher)][35][UTT][ MSE = 1.2913 | LCC = 0.7307 | SRCC = 0.7448 ] [SYS][ MSE = 0.9552 | LCC = 0.8508 | SRCC = 0.8596 ]
[Valid(teacher)][35][UTT][ AML = 0.232115 | MoV = 0.081203 | VoV = 0.002230 ]
Train: 100% 622/622 [02:35<00:00,  3.99 step/s]
Average loss=-0.5118413567543303
Valid(teacher): 100% 1066/1066 [00:05<00:00, 196.16 step/s]

[Valid(teacher)][36][UTT][ MSE = 1.3065 | LCC = 0.7285 | SRCC = 0.7437 ] [SYS][ MSE = 0.9694 | LCC = 0.8488 | SRCC = 0.8589 ]
[Valid(teacher)][36][UTT][ AML = 0.230798 | MoV = 0.080539 | VoV = 0.002145 ]
Train: 100% 622/622 [02:35<00:00,  4.01 step/s]
Average loss=-0.523830771446228
Valid(teacher): 100% 1066/1066 [00:05<00:00, 215.70 step/s]

[Valid(teacher)][37][UTT][ MSE = 1.3139 | LCC = 0.7290 | SRCC = 0.7447 ] [SYS][ MSE = 0.9804 | LCC = 0.8468 | SRCC = 0.8581 ]
[Valid(teacher)][37][UTT][ AML = 0.227417 | MoV = 0.078935 | VoV = 0.002068 ]
Train: 100% 622/622 [02:33<00:00,  4.05 step/s]
Average loss=-0.5315476059913635
Valid(teacher): 100% 1066/1066 [00:05<00:00, 212.20 step/s]

[Valid(teacher)][38][UTT][ MSE = 1.2247 | LCC = 0.7341 | SRCC = 0.7473 ] [SYS][ MSE = 0.8944 | LCC = 0.8505 | SRCC = 0.8606 ]
[Valid(teacher)][38][UTT][ AML = 0.244740 | MoV = 0.080162 | VoV = 0.002109 ]
Train: 100% 622/622 [02:33<00:00,  4.06 step/s]
Average loss=-0.5414281978687184
Valid(teacher): 100% 1066/1066 [00:05<00:00, 211.91 step/s]

[Valid(teacher)][39][UTT][ MSE = 1.1228 | LCC = 0.7406 | SRCC = 0.7514 ] [SYS][ MSE = 0.7997 | LCC = 0.8549 | SRCC = 0.8638 ]
[Valid(teacher)][39][UTT][ AML = 0.269986 | MoV = 0.082469 | VoV = 0.002148 ]
Train: 100% 622/622 [02:32<00:00,  4.07 step/s]
Average loss=-0.5462950468063354
Valid(teacher): 100% 1066/1066 [00:04<00:00, 221.47 step/s]

[Valid(teacher)][40][UTT][ MSE = 1.1498 | LCC = 0.7376 | SRCC = 0.7490 ] [SYS][ MSE = 0.8209 | LCC = 0.8540 | SRCC = 0.8624 ]
[Valid(teacher)][40][UTT][ AML = 0.262583 | MoV = 0.080247 | VoV = 0.002002 ]
Train: 100% 622/622 [02:33<00:00,  4.05 step/s]
Average loss=-0.5614409446716309
Valid(teacher): 100% 1066/1066 [00:05<00:00, 195.59 step/s]

[Valid(teacher)][41][UTT][ MSE = 1.1423 | LCC = 0.7369 | SRCC = 0.7484 ] [SYS][ MSE = 0.8142 | LCC = 0.8530 | SRCC = 0.8608 ]
[Valid(teacher)][41][UTT][ AML = 0.267222 | MoV = 0.078870 | VoV = 0.001968 ]
Train: 100% 622/622 [02:36<00:00,  3.98 step/s]
Average loss=-0.5684751272201538
Valid(teacher): 100% 1066/1066 [00:04<00:00, 213.53 step/s]

[Valid(teacher)][42][UTT][ MSE = 1.0692 | LCC = 0.7393 | SRCC = 0.7487 ] [SYS][ MSE = 0.7411 | LCC = 0.8552 | SRCC = 0.8620 ]
[Valid(teacher)][42][UTT][ AML = 0.289191 | MoV = 0.080535 | VoV = 0.001991 ]
Train: 100% 622/622 [02:35<00:00,  4.00 step/s]
Average loss=-0.5571330785751343
Valid(teacher): 100% 1066/1066 [00:05<00:00, 211.20 step/s]

[Valid(teacher)][43][UTT][ MSE = 1.0226 | LCC = 0.7435 | SRCC = 0.7523 ] [SYS][ MSE = 0.6999 | LCC = 0.8568 | SRCC = 0.8640 ]
[Valid(teacher)][43][UTT][ AML = 0.302838 | MoV = 0.081045 | VoV = 0.001949 ]
Train: 100% 622/622 [02:35<00:00,  4.00 step/s]
Average loss=-0.5751579403877258
Valid(teacher): 100% 1066/1066 [00:05<00:00, 206.08 step/s]

[Valid(teacher)][44][UTT][ MSE = 1.0900 | LCC = 0.7398 | SRCC = 0.7502 ] [SYS][ MSE = 0.7631 | LCC = 0.8528 | SRCC = 0.8619 ]
[Valid(teacher)][44][UTT][ AML = 0.282767 | MoV = 0.077442 | VoV = 0.001829 ]
Train: 100% 622/622 [02:35<00:00,  4.01 step/s]
Average loss=-0.5920922160148621
Valid(teacher): 100% 1066/1066 [00:04<00:00, 217.91 step/s]

[Valid(teacher)][45][UTT][ MSE = 1.0411 | LCC = 0.7439 | SRCC = 0.7523 ] [SYS][ MSE = 0.7193 | LCC = 0.8553 | SRCC = 0.8622 ]
[Valid(teacher)][45][UTT][ AML = 0.296109 | MoV = 0.077070 | VoV = 0.001837 ]
Train: 100% 622/622 [02:34<00:00,  4.01 step/s]
Average loss=-0.5941913127890917
Valid(teacher): 100% 1066/1066 [00:05<00:00, 207.79 step/s]

[Valid(teacher)][46][UTT][ MSE = 0.9959 | LCC = 0.7460 | SRCC = 0.7523 ] [SYS][ MSE = 0.6780 | LCC = 0.8567 | SRCC = 0.8604 ]
[Valid(teacher)][46][UTT][ AML = 0.310630 | MoV = 0.076624 | VoV = 0.001789 ]
Train: 100% 622/622 [02:35<00:00,  4.01 step/s]
Average loss=-0.6016404628753662
Valid(teacher): 100% 1066/1066 [00:05<00:00, 212.83 step/s]

[Valid(teacher)][47][UTT][ MSE = 0.9331 | LCC = 0.7503 | SRCC = 0.7559 ] [SYS][ MSE = 0.6215 | LCC = 0.8601 | SRCC = 0.8645 ]
[Valid(teacher)][47][UTT][ AML = 0.331443 | MoV = 0.078043 | VoV = 0.001814 ]
Train: 100% 622/622 [02:33<00:00,  4.04 step/s]
Average loss=-0.6070708034642273
Valid(teacher): 100% 1066/1066 [00:04<00:00, 217.57 step/s]

[Valid(teacher)][48][UTT][ MSE = 0.9005 | LCC = 0.7527 | SRCC = 0.7581 ] [SYS][ MSE = 0.5955 | LCC = 0.8608 | SRCC = 0.8657 ]
[Valid(teacher)][48][UTT][ AML = 0.342044 | MoV = 0.078523 | VoV = 0.001815 ]
Train: 100% 622/622 [02:33<00:00,  4.06 step/s]
Average loss=-0.6067696809768677
Valid(teacher): 100% 1066/1066 [00:04<00:00, 218.95 step/s]

[Valid(teacher)][49][UTT][ MSE = 0.8364 | LCC = 0.7563 | SRCC = 0.7606 ] [SYS][ MSE = 0.5393 | LCC = 0.8636 | SRCC = 0.8688 ]
[Valid(teacher)][49][UTT][ AML = 0.366117 | MoV = 0.080438 | VoV = 0.001834 ]
Train: 100% 622/622 [02:33<00:00,  4.04 step/s]
Average loss=-0.6234074831008911
Valid(teacher): 100% 1066/1066 [00:04<00:00, 215.40 step/s]

[Valid(teacher)][50][UTT][ MSE = 0.8673 | LCC = 0.7541 | SRCC = 0.7589 ] [SYS][ MSE = 0.5631 | LCC = 0.8633 | SRCC = 0.8696 ]
[Valid(teacher)][50][UTT][ AML = 0.353330 | MoV = 0.078043 | VoV = 0.001772 ]
Train: 100% 622/622 [02:33<00:00,  4.06 step/s]
Average loss=-0.6180004371833801
Valid(teacher): 100% 1066/1066 [00:05<00:00, 207.39 step/s]

[Valid(teacher)][51][UTT][ MSE = 0.8243 | LCC = 0.7572 | SRCC = 0.7612 ] [SYS][ MSE = 0.5262 | LCC = 0.8655 | SRCC = 0.8703 ]
[Valid(teacher)][51][UTT][ AML = 0.367481 | MoV = 0.078794 | VoV = 0.001778 ]
Train: 100% 622/622 [02:35<00:00,  4.01 step/s]
Average loss=-0.6266051530838013
Valid(teacher): 100% 1066/1066 [00:04<00:00, 218.91 step/s]

[Valid(teacher)][52][UTT][ MSE = 0.8700 | LCC = 0.7554 | SRCC = 0.7602 ] [SYS][ MSE = 0.5682 | LCC = 0.8634 | SRCC = 0.8682 ]
[Valid(teacher)][52][UTT][ AML = 0.349179 | MoV = 0.076094 | VoV = 0.001712 ]
Train: 100% 622/622 [02:36<00:00,  3.98 step/s]
Average loss=-0.6369239091873169
Valid(teacher): 100% 1066/1066 [00:05<00:00, 206.70 step/s]

[Valid(teacher)][53][UTT][ MSE = 0.8353 | LCC = 0.7565 | SRCC = 0.7607 ] [SYS][ MSE = 0.5348 | LCC = 0.8653 | SRCC = 0.8695 ]
[Valid(teacher)][53][UTT][ AML = 0.362880 | MoV = 0.076808 | VoV = 0.001656 ]
Train: 100% 622/622 [02:35<00:00,  4.00 step/s]
Average loss=-0.6596408486366272
Valid(teacher): 100% 1066/1066 [00:05<00:00, 210.95 step/s]

[Valid(teacher)][54][UTT][ MSE = 0.8505 | LCC = 0.7569 | SRCC = 0.7613 ] [SYS][ MSE = 0.5505 | LCC = 0.8669 | SRCC = 0.8720 ]
[Valid(teacher)][54][UTT][ AML = 0.358468 | MoV = 0.074313 | VoV = 0.001556 ]
Train: 100% 622/622 [02:35<00:00,  4.01 step/s]
Average loss=-0.6571851372718811
Valid(teacher): 100% 1066/1066 [00:05<00:00, 197.65 step/s]

[Valid(teacher)][55][UTT][ MSE = 0.8123 | LCC = 0.7588 | SRCC = 0.7624 ] [SYS][ MSE = 0.5142 | LCC = 0.8702 | SRCC = 0.8741 ]
[Valid(teacher)][55][UTT][ AML = 0.374517 | MoV = 0.074458 | VoV = 0.001513 ]
Train: 100% 622/622 [02:35<00:00,  4.01 step/s]
Average loss=-0.628883421421051
Valid(teacher): 100% 1066/1066 [00:04<00:00, 215.42 step/s]

[Valid(teacher)][56][UTT][ MSE = 0.7303 | LCC = 0.7651 | SRCC = 0.7670 ] [SYS][ MSE = 0.4443 | LCC = 0.8735 | SRCC = 0.8769 ]
[Valid(teacher)][56][UTT][ AML = 0.411180 | MoV = 0.077024 | VoV = 0.001540 ]
Train: 100% 622/622 [02:33<00:00,  4.05 step/s]
Average loss=-0.6663897703706104
Valid(teacher): 100% 1066/1066 [00:04<00:00, 215.50 step/s]

[Valid(teacher)][57][UTT][ MSE = 0.7449 | LCC = 0.7656 | SRCC = 0.7675 ] [SYS][ MSE = 0.4589 | LCC = 0.8736 | SRCC = 0.8774 ]
[Valid(teacher)][57][UTT][ AML = 0.404771 | MoV = 0.075106 | VoV = 0.001488 ]
Train: 100% 622/622 [02:32<00:00,  4.07 step/s]
Average loss=-0.6745538962944031
Valid(teacher): 100% 1066/1066 [00:04<00:00, 218.78 step/s]

[Valid(teacher)][58][UTT][ MSE = 0.7140 | LCC = 0.7676 | SRCC = 0.7697 ] [SYS][ MSE = 0.4323 | LCC = 0.8737 | SRCC = 0.8776 ]
[Valid(teacher)][58][UTT][ AML = 0.420209 | MoV = 0.074913 | VoV = 0.001481 ]
Train: 100% 622/622 [02:32<00:00,  4.07 step/s]
Average loss=-0.6659497618675232
Valid(teacher): 100% 1066/1066 [00:04<00:00, 219.03 step/s]

[Valid(teacher)][59][UTT][ MSE = 0.7285 | LCC = 0.7662 | SRCC = 0.7684 ] [SYS][ MSE = 0.4457 | LCC = 0.8721 | SRCC = 0.8756 ]
[Valid(teacher)][59][UTT][ AML = 0.413863 | MoV = 0.074806 | VoV = 0.001471 ]
Train: 100% 622/622 [02:33<00:00,  4.04 step/s]
Average loss=-0.6795457601547241
Valid(teacher): 100% 1066/1066 [00:04<00:00, 217.58 step/s]

[Valid(teacher)][60][UTT][ MSE = 0.7480 | LCC = 0.7637 | SRCC = 0.7664 ] [SYS][ MSE = 0.4658 | LCC = 0.8695 | SRCC = 0.8732 ]
[Valid(teacher)][60][UTT][ AML = 0.406701 | MoV = 0.073568 | VoV = 0.001447 ]
Best model performance test:
Test(best):   0% 0/1066 [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% 1066/1066 [00:05<00:00, 192.17 step/s]

[Test(best)][61][UTT][ MSE = 0.8538 | LCC = 0.7384 | SRCC = 0.7403 ] [SYS][ MSE = 0.6877 | LCC = 0.8519 | SRCC = 0.8554 ]
[Test(best)][61][UTT][ AML = 0.405132 | MoV = 0.074853 | VoV = 0.001663 ]
(lxygpu) [x_xlian@node015 DeePMOS]$
```