```
(lxygpu) [x_xlian@node056 DeePMOS]$ python train.py --lamb_c=0.5 --lamb_t=0 --dataset "bvcc" --data_path '../BVCC/DATA/' --id_table '../BVCC/id_table/' --save_path='runs/bvcc/c5e-1/run8/'
Train: 100% 622/622 [02:33<00:00,  4.06 step/s]
Average loss=9033.279296875
Valid(teacher): 100% 1066/1066 [00:05<00:00, 200.03 step/s]

[Valid(teacher)][0][UTT][ MSE = 1.2797 | LCC = 0.5122 | SRCC = 0.5161 ] [SYS][ MSE = 0.9960 | LCC = 0.6497 | SRCC = 0.6597 ]
[Valid(teacher)][0][UTT][ AML = 0.282115 | MoV = 0.609170 | VoV = 0.014181 ]
Train: 100% 622/622 [02:32<00:00,  4.08 step/s]
Average loss=0.45265379548072815
Valid(teacher): 100% 1066/1066 [00:04<00:00, 231.23 step/s]

[Valid(teacher)][1][UTT][ MSE = 0.9881 | LCC = 0.6568 | SRCC = 0.6725 ] [SYS][ MSE = 0.9473 | LCC = 0.7505 | SRCC = 0.7560 ]
[Valid(teacher)][1][UTT][ AML = 0.298828 | MoV = 0.656867 | VoV = 0.001078 ]
Train: 100% 622/622 [02:33<00:00,  4.06 step/s]
Average loss=0.19994981128066269
Valid(teacher): 100% 1066/1066 [00:04<00:00, 230.18 step/s]

[Valid(teacher)][2][UTT][ MSE = 1.7634 | LCC = 0.5465 | SRCC = 0.5640 ] [SYS][ MSE = 1.8054 | LCC = 0.6520 | SRCC = 0.6936 ]
[Valid(teacher)][2][UTT][ AML = 0.231118 | MoV = 0.533632 | VoV = 0.001190 ]
Train: 100% 622/622 [02:31<00:00,  4.09 step/s]
Average loss=0.1415385901927948
Valid(teacher): 100% 1066/1066 [00:04<00:00, 223.03 step/s]

[Valid(teacher)][3][UTT][ MSE = 1.6608 | LCC = 0.4900 | SRCC = 0.4933 ] [SYS][ MSE = 1.7078 | LCC = 0.5827 | SRCC = 0.6426 ]
[Valid(teacher)][3][UTT][ AML = 0.249986 | MoV = 0.428226 | VoV = 0.001627 ]
Train: 100% 622/622 [02:32<00:00,  4.07 step/s]
Average loss=0.0742135638237
Valid(teacher): 100% 1066/1066 [00:04<00:00, 228.62 step/s]

[Valid(teacher)][4][UTT][ MSE = 1.4660 | LCC = 0.5351 | SRCC = 0.5487 ] [SYS][ MSE = 1.5074 | LCC = 0.6326 | SRCC = 0.6935 ]
[Valid(teacher)][4][UTT][ AML = 0.266554 | MoV = 0.385389 | VoV = 0.002086 ]
Train: 100% 622/622 [02:33<00:00,  4.06 step/s]
Average loss=0.06243098060949326
Valid(teacher): 100% 1066/1066 [00:04<00:00, 226.26 step/s]

[Valid(teacher)][5][UTT][ MSE = 1.4714 | LCC = 0.5205 | SRCC = 0.5279 ] [SYS][ MSE = 1.5057 | LCC = 0.6209 | SRCC = 0.6942 ]
[Valid(teacher)][5][UTT][ AML = 0.269539 | MoV = 0.367331 | VoV = 0.001860 ]
Train: 100% 622/622 [02:33<00:00,  4.05 step/s]
Average loss=-0.01243861019611358G
Valid(teacher): 100% 1066/1066 [00:04<00:00, 228.53 step/s]

[Valid(teacher)][6][UTT][ MSE = 1.2842 | LCC = 0.5451 | SRCC = 0.5823 ] [SYS][ MSE = 1.2664 | LCC = 0.6560 | SRCC = 0.7387 ]
[Valid(teacher)][6][UTT][ AML = 0.296105 | MoV = 0.343581 | VoV = 0.001587 ]
Train: 100% 622/622 [02:33<00:00,  4.05 step/s]
Average loss=-0.03187435492871192
Valid(teacher): 100% 1066/1066 [00:04<00:00, 229.11 step/s]

[Valid(teacher)][7][UTT][ MSE = 0.8802 | LCC = 0.6218 | SRCC = 0.6626 ] [SYS][ MSE = 0.7936 | LCC = 0.7345 | SRCC = 0.7870 ]
[Valid(teacher)][7][UTT][ AML = 0.363518 | MoV = 0.315931 | VoV = 0.002096 ]
Train: 100% 622/622 [02:33<00:00,  4.04 step/s]
Average loss=-0.030683331191539764
Valid(teacher): 100% 1066/1066 [00:04<00:00, 230.25 step/s]

[Valid(teacher)][8][UTT][ MSE = 0.5110 | LCC = 0.6878 | SRCC = 0.6936 ] [SYS][ MSE = 0.3499 | LCC = 0.7980 | SRCC = 0.8125 ]
[Valid(teacher)][8][UTT][ AML = 0.459370 | MoV = 0.282092 | VoV = 0.003446 ]
Train: 100% 622/622 [02:33<00:00,  4.05 step/s]
Average loss=-0.06261441111564636
Valid(teacher): 100% 1066/1066 [00:04<00:00, 229.93 step/s]

[Valid(teacher)][9][UTT][ MSE = 0.4616 | LCC = 0.7049 | SRCC = 0.7040 ] [SYS][ MSE = 0.2360 | LCC = 0.8214 | SRCC = 0.8253 ]
[Valid(teacher)][9][UTT][ AML = 0.491332 | MoV = 0.247738 | VoV = 0.004452 ]
Train: 100% 622/622 [02:33<00:00,  4.06 step/s]
Average loss=-0.12079235166311264
Valid(teacher): 100% 1066/1066 [00:04<00:00, 229.42 step/s]

[Valid(teacher)][10][UTT][ MSE = 0.5231 | LCC = 0.7115 | SRCC = 0.7127 ] [SYS][ MSE = 0.2605 | LCC = 0.8354 | SRCC = 0.8342 ]
[Valid(teacher)][10][UTT][ AML = 0.478586 | MoV = 0.224559 | VoV = 0.004817 ]
Train: 100% 622/622 [02:32<00:00,  4.07 step/s]
Average loss=-0.14339932799339294
Valid(teacher): 100% 1066/1066 [00:04<00:00, 230.82 step/s]

[Valid(teacher)][11][UTT][ MSE = 0.5625 | LCC = 0.7161 | SRCC = 0.7187 ] [SYS][ MSE = 0.2878 | LCC = 0.8423 | SRCC = 0.8441 ]
[Valid(teacher)][11][UTT][ AML = 0.467516 | MoV = 0.209847 | VoV = 0.004713 ]
Train: 100% 622/622 [02:31<00:00,  4.10 step/s]
Average loss=-0.17553648352622986
Valid(teacher): 100% 1066/1066 [00:04<00:00, 230.24 step/s]

[Valid(teacher)][12][UTT][ MSE = 0.6795 | LCC = 0.7115 | SRCC = 0.7194 ] [SYS][ MSE = 0.3855 | LCC = 0.8410 | SRCC = 0.8422 ]
[Valid(teacher)][12][UTT][ AML = 0.432006 | MoV = 0.191051 | VoV = 0.004616 ]
Train: 100% 622/622 [02:32<00:00,  4.07 step/s]
Average loss=-0.19160221517088603
Valid(teacher): 100% 1066/1066 [00:04<00:00, 231.46 step/s]

[Valid(teacher)][13][UTT][ MSE = 0.7656 | LCC = 0.7071 | SRCC = 0.7191 ] [SYS][ MSE = 0.4604 | LCC = 0.8371 | SRCC = 0.8413 ]
[Valid(teacher)][13][UTT][ AML = 0.408534 | MoV = 0.176132 | VoV = 0.004389 ]
Train: 100% 622/622 [02:32<00:00,  4.08 step/s]
Average loss=-0.20239481329917908
Valid(teacher): 100% 1066/1066 [00:04<00:00, 228.43 step/s]

[Valid(teacher)][14][UTT][ MSE = 0.8355 | LCC = 0.7048 | SRCC = 0.7198 ] [SYS][ MSE = 0.5206 | LCC = 0.8372 | SRCC = 0.8413 ]
[Valid(teacher)][14][UTT][ AML = 0.388991 | MoV = 0.165082 | VoV = 0.004175 ]
Train: 100% 622/622 [02:32<00:00,  4.08 step/s]
Average loss=-0.22244206070899963
Valid(teacher): 100% 1066/1066 [00:04<00:00, 227.78 step/s]

[Valid(teacher)][15][UTT][ MSE = 0.8360 | LCC = 0.7072 | SRCC = 0.7218 ] [SYS][ MSE = 0.5254 | LCC = 0.8356 | SRCC = 0.8423 ]
[Valid(teacher)][15][UTT][ AML = 0.388208 | MoV = 0.159740 | VoV = 0.004040 ]
Train: 100% 622/622 [02:32<00:00,  4.09 step/s]
Average loss=-0.23726053535938263
Valid(teacher): 100% 1066/1066 [00:04<00:00, 227.26 step/s]

[Valid(teacher)][16][UTT][ MSE = 0.8409 | LCC = 0.7117 | SRCC = 0.7250 ] [SYS][ MSE = 0.5286 | LCC = 0.8385 | SRCC = 0.8438 ]
[Valid(teacher)][16][UTT][ AML = 0.384016 | MoV = 0.153470 | VoV = 0.003789 ]
Train: 100% 622/622 [02:32<00:00,  4.07 step/s]
Average loss=-0.2697851359844208
Valid(teacher): 100% 1066/1066 [00:04<00:00, 229.67 step/s]

[Valid(teacher)][17][UTT][ MSE = 0.8712 | LCC = 0.7133 | SRCC = 0.7263 ] [SYS][ MSE = 0.5591 | LCC = 0.8379 | SRCC = 0.8429 ]
[Valid(teacher)][17][UTT][ AML = 0.373158 | MoV = 0.145727 | VoV = 0.003700 ]
Train: 100% 622/622 [02:32<00:00,  4.07 step/s]
Average loss=-0.2829115164756775
Valid(teacher): 100% 1066/1066 [00:04<00:00, 231.16 step/s]

[Valid(teacher)][18][UTT][ MSE = 0.8747 | LCC = 0.7159 | SRCC = 0.7293 ] [SYS][ MSE = 0.5653 | LCC = 0.8380 | SRCC = 0.8421 ]
[Valid(teacher)][18][UTT][ AML = 0.371994 | MoV = 0.141241 | VoV = 0.003595 ]
Train: 100% 622/622 [02:33<00:00,  4.06 step/s]
Average loss=-0.29509949684143066
Valid(teacher): 100% 1066/1066 [00:04<00:00, 228.03 step/s]

[Valid(teacher)][19][UTT][ MSE = 0.8755 | LCC = 0.7175 | SRCC = 0.7310 ] [SYS][ MSE = 0.5690 | LCC = 0.8391 | SRCC = 0.8454 ]
[Valid(teacher)][19][UTT][ AML = 0.374757 | MoV = 0.137334 | VoV = 0.003469 ]
Train: 100% 622/622 [02:33<00:00,  4.06 step/s]
Average loss=-0.2829082608222961G
Valid(teacher): 100% 1066/1066 [00:04<00:00, 228.87 step/s]

[Valid(teacher)][20][UTT][ MSE = 0.8729 | LCC = 0.7203 | SRCC = 0.7340 ] [SYS][ MSE = 0.5713 | LCC = 0.8412 | SRCC = 0.8480 ]
[Valid(teacher)][20][UTT][ AML = 0.376611 | MoV = 0.134076 | VoV = 0.003193 ]
Train: 100% 622/622 [02:33<00:00,  4.06 step/s]
Average loss=-0.30823126435279846
Valid(teacher): 100% 1066/1066 [00:04<00:00, 228.61 step/s]

[Valid(teacher)][21][UTT][ MSE = 0.8611 | LCC = 0.7245 | SRCC = 0.7368 ] [SYS][ MSE = 0.5572 | LCC = 0.8468 | SRCC = 0.8545 ]
[Valid(teacher)][21][UTT][ AML = 0.380089 | MoV = 0.130968 | VoV = 0.003048 ]
Train: 100% 622/622 [02:33<00:00,  4.06 step/s]
Average loss=-0.3291979730129242
Valid(teacher): 100% 1066/1066 [00:04<00:00, 230.03 step/s]

[Valid(teacher)][22][UTT][ MSE = 0.8277 | LCC = 0.7281 | SRCC = 0.7388 ] [SYS][ MSE = 0.5252 | LCC = 0.8504 | SRCC = 0.8568 ]
[Valid(teacher)][22][UTT][ AML = 0.390054 | MoV = 0.129359 | VoV = 0.002936 ]
Train: 100% 622/622 [02:33<00:00,  4.05 step/s]
Average loss=-0.3420096039772037
Valid(teacher): 100% 1066/1066 [00:04<00:00, 224.00 step/s]

[Valid(teacher)][23][UTT][ MSE = 0.8090 | LCC = 0.7301 | SRCC = 0.7400 ] [SYS][ MSE = 0.5093 | LCC = 0.8523 | SRCC = 0.8587 ]
[Valid(teacher)][23][UTT][ AML = 0.397628 | MoV = 0.127049 | VoV = 0.002802 ]
Train: 100% 622/622 [02:33<00:00,  4.06 step/s]
Average loss=-0.36099278926849365
Valid(teacher): 100% 1066/1066 [00:04<00:00, 227.07 step/s]

[Valid(teacher)][24][UTT][ MSE = 0.7945 | LCC = 0.7333 | SRCC = 0.7428 ] [SYS][ MSE = 0.4972 | LCC = 0.8549 | SRCC = 0.8625 ]
[Valid(teacher)][24][UTT][ AML = 0.403083 | MoV = 0.124381 | VoV = 0.002715 ]
Train: 100% 622/622 [02:33<00:00,  4.05 step/s]
Average loss=-0.3727987240390777G
Valid(teacher): 100% 1066/1066 [00:04<00:00, 226.81 step/s]

[Valid(teacher)][25][UTT][ MSE = 0.7595 | LCC = 0.7372 | SRCC = 0.7450 ] [SYS][ MSE = 0.4664 | LCC = 0.8593 | SRCC = 0.8651 ]
[Valid(teacher)][25][UTT][ AML = 0.414298 | MoV = 0.123445 | VoV = 0.002576 ]
Train: 100% 622/622 [02:34<00:00,  4.03 step/s]
Average loss=-0.3772646188735962
Valid(teacher): 100% 1066/1066 [00:04<00:00, 229.13 step/s]

[Valid(teacher)][26][UTT][ MSE = 0.7566 | LCC = 0.7386 | SRCC = 0.7464 ] [SYS][ MSE = 0.4647 | LCC = 0.8601 | SRCC = 0.8662 ]
[Valid(teacher)][26][UTT][ AML = 0.414798 | MoV = 0.121488 | VoV = 0.002567 ]
Train: 100% 622/622 [02:33<00:00,  4.06 step/s]
Average loss=-0.36998826265335083
Valid(teacher): 100% 1066/1066 [00:04<00:00, 226.64 step/s]

[Valid(teacher)][27][UTT][ MSE = 0.7233 | LCC = 0.7432 | SRCC = 0.7498 ] [SYS][ MSE = 0.4384 | LCC = 0.8609 | SRCC = 0.8657 ]
[Valid(teacher)][27][UTT][ AML = 0.424136 | MoV = 0.121725 | VoV = 0.002588 ]
Train: 100% 622/622 [02:32<00:00,  4.07 step/s]
Average loss=-0.37900176644325256
Valid(teacher): 100% 1066/1066 [00:04<00:00, 229.42 step/s]

[Valid(teacher)][28][UTT][ MSE = 0.7167 | LCC = 0.7453 | SRCC = 0.7514 ] [SYS][ MSE = 0.4322 | LCC = 0.8629 | SRCC = 0.8685 ]
[Valid(teacher)][28][UTT][ AML = 0.425308 | MoV = 0.120460 | VoV = 0.002533 ]
Train: 100% 622/622 [02:31<00:00,  4.11 step/s]
Average loss=-0.4011096060276315
Valid(teacher): 100% 1066/1066 [00:04<00:00, 229.25 step/s]

[Valid(teacher)][29][UTT][ MSE = 0.7483 | LCC = 0.7444 | SRCC = 0.7519 ] [SYS][ MSE = 0.4685 | LCC = 0.8590 | SRCC = 0.8623 ]
[Valid(teacher)][29][UTT][ AML = 0.415138 | MoV = 0.116765 | VoV = 0.002447 ]
Train: 100% 622/622 [02:33<00:00,  4.06 step/s]
Average loss=-0.4179874360561371
Valid(teacher): 100% 1066/1066 [00:04<00:00, 231.54 step/s]

[Valid(teacher)][30][UTT][ MSE = 0.7300 | LCC = 0.7461 | SRCC = 0.7526 ] [SYS][ MSE = 0.4500 | LCC = 0.8614 | SRCC = 0.8658 ]
[Valid(teacher)][30][UTT][ AML = 0.423326 | MoV = 0.115891 | VoV = 0.002503 ]
Train: 100% 622/622 [02:32<00:00,  4.09 step/s]
Average loss=-0.4160805344581604
Valid(teacher): 100% 1066/1066 [00:04<00:00, 229.41 step/s]

[Valid(teacher)][31][UTT][ MSE = 0.8251 | LCC = 0.7404 | SRCC = 0.7504 ] [SYS][ MSE = 0.5385 | LCC = 0.8570 | SRCC = 0.8624 ]
[Valid(teacher)][31][UTT][ AML = 0.390078 | MoV = 0.111579 | VoV = 0.002460 ]
Train: 100% 622/622 [02:32<00:00,  4.07 step/s]
Average loss=-0.4308639466762543
Valid(teacher): 100% 1066/1066 [00:04<00:00, 227.65 step/s]

[Valid(teacher)][32][UTT][ MSE = 0.8779 | LCC = 0.7360 | SRCC = 0.7484 ] [SYS][ MSE = 0.5821 | LCC = 0.8560 | SRCC = 0.8623 ]
[Valid(teacher)][32][UTT][ AML = 0.372711 | MoV = 0.108052 | VoV = 0.002350 ]
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Train: 100% 622/622 [02:32<00:00,  4.08 step/s]
Average loss=-0.3838910758495331
Valid(teacher): 100% 1066/1066 [00:04<00:00, 221.27 step/s]

[Valid(teacher)][33][UTT][ MSE = 0.9323 | LCC = 0.7336 | SRCC = 0.7474 ] [SYS][ MSE = 0.6335 | LCC = 0.8540 | SRCC = 0.8619 ]
[Valid(teacher)][33][UTT][ AML = 0.354749 | MoV = 0.104027 | VoV = 0.002218 ]
Train: 100% 622/622 [02:33<00:00,  4.05 step/s]
Average loss=-0.4503567218700517
Valid(teacher): 100% 1066/1066 [00:04<00:00, 223.56 step/s]

[Valid(teacher)][34][UTT][ MSE = 0.9265 | LCC = 0.7354 | SRCC = 0.7474 ] [SYS][ MSE = 0.6336 | LCC = 0.8526 | SRCC = 0.8608 ]
[Valid(teacher)][34][UTT][ AML = 0.356324 | MoV = 0.101880 | VoV = 0.002172 ]
Train: 100% 622/622 [02:33<00:00,  4.05 step/s]
Average loss=-0.4651937186717987
Valid(teacher): 100% 1066/1066 [00:04<00:00, 222.30 step/s]

[Valid(teacher)][35][UTT][ MSE = 0.8992 | LCC = 0.7373 | SRCC = 0.7490 ] [SYS][ MSE = 0.6116 | LCC = 0.8515 | SRCC = 0.8589 ]
[Valid(teacher)][35][UTT][ AML = 0.364456 | MoV = 0.101384 | VoV = 0.002097 ]
Train: 100% 622/622 [02:33<00:00,  4.05 step/s]
Average loss=-0.4800982773039856
Valid(teacher): 100% 1066/1066 [00:04<00:00, 219.73 step/s]

[Valid(teacher)][36][UTT][ MSE = 0.9197 | LCC = 0.7374 | SRCC = 0.7506 ] [SYS][ MSE = 0.6314 | LCC = 0.8520 | SRCC = 0.8601 ]
[Valid(teacher)][36][UTT][ AML = 0.359548 | MoV = 0.098114 | VoV = 0.001914 ]
Train: 100% 622/622 [02:33<00:00,  4.06 step/s]
Average loss=-0.4826928628547685
Valid(teacher): 100% 1066/1066 [00:04<00:00, 231.17 step/s]

[Valid(teacher)][37][UTT][ MSE = 0.9429 | LCC = 0.7367 | SRCC = 0.7503 ] [SYS][ MSE = 0.6516 | LCC = 0.8547 | SRCC = 0.8634 ]
[Valid(teacher)][37][UTT][ AML = 0.351946 | MoV = 0.095595 | VoV = 0.001802 ]
Train: 100% 622/622 [02:33<00:00,  4.06 step/s]
Average loss=-0.49697867035865784
Valid(teacher): 100% 1066/1066 [00:04<00:00, 216.83 step/s]

[Valid(teacher)][38][UTT][ MSE = 0.9152 | LCC = 0.7383 | SRCC = 0.7511 ] [SYS][ MSE = 0.6241 | LCC = 0.8562 | SRCC = 0.8658 ]
[Valid(teacher)][38][UTT][ AML = 0.362209 | MoV = 0.094936 | VoV = 0.001789 ]
Train: 100% 622/622 [02:33<00:00,  4.06 step/s]
Average loss=-0.4984712302684784
Valid(teacher): 100% 1066/1066 [00:04<00:00, 229.58 step/s]

[Valid(teacher)][39][UTT][ MSE = 0.8803 | LCC = 0.7392 | SRCC = 0.7502 ] [SYS][ MSE = 0.5937 | LCC = 0.8547 | SRCC = 0.8642 ]
[Valid(teacher)][39][UTT][ AML = 0.374354 | MoV = 0.096293 | VoV = 0.001875 ]
Train: 100% 622/622 [02:32<00:00,  4.08 step/s]
Average loss=-0.5129834413528442
Valid(teacher): 100% 1066/1066 [00:04<00:00, 224.76 step/s]

[Valid(teacher)][40][UTT][ MSE = 0.8868 | LCC = 0.7387 | SRCC = 0.7498 ] [SYS][ MSE = 0.6024 | LCC = 0.8534 | SRCC = 0.8616 ]
[Valid(teacher)][40][UTT][ AML = 0.372933 | MoV = 0.095195 | VoV = 0.001825 ]
Train: 100% 622/622 [02:32<00:00,  4.09 step/s]
Average loss=-0.496024519205094
Valid(teacher): 100% 1066/1066 [00:04<00:00, 230.17 step/s]

[Valid(teacher)][41][UTT][ MSE = 0.7984 | LCC = 0.7432 | SRCC = 0.7521 ] [SYS][ MSE = 0.5210 | LCC = 0.8585 | SRCC = 0.8654 ]
[Valid(teacher)][41][UTT][ AML = 0.405074 | MoV = 0.096346 | VoV = 0.001828 ]
Train: 100% 622/622 [02:33<00:00,  4.06 step/s]
Average loss=-0.515978336334285
Valid(teacher): 100% 1066/1066 [00:04<00:00, 224.54 step/s]

[Valid(teacher)][42][UTT][ MSE = 0.8219 | LCC = 0.7422 | SRCC = 0.7522 ] [SYS][ MSE = 0.5422 | LCC = 0.8585 | SRCC = 0.8670 ]
[Valid(teacher)][42][UTT][ AML = 0.397170 | MoV = 0.095071 | VoV = 0.001848 ]
Train: 100% 622/622 [02:33<00:00,  4.05 step/s]
Average loss=-0.5260568857192993
Valid(teacher): 100% 1066/1066 [00:04<00:00, 227.77 step/s]

[Valid(teacher)][43][UTT][ MSE = 0.8201 | LCC = 0.7427 | SRCC = 0.7534 ] [SYS][ MSE = 0.5418 | LCC = 0.8607 | SRCC = 0.8676 ]
[Valid(teacher)][43][UTT][ AML = 0.397666 | MoV = 0.093490 | VoV = 0.001798 ]
Train: 100% 622/622 [02:33<00:00,  4.06 step/s]
Average loss=-0.5394517779350281
Valid(teacher): 100% 1066/1066 [00:04<00:00, 230.02 step/s]

[Valid(teacher)][44][UTT][ MSE = 0.7997 | LCC = 0.7435 | SRCC = 0.7537 ] [SYS][ MSE = 0.5217 | LCC = 0.8616 | SRCC = 0.8689 ]
[Valid(teacher)][44][UTT][ AML = 0.405232 | MoV = 0.093048 | VoV = 0.001786 ]
Train: 100% 622/622 [02:33<00:00,  4.05 step/s]
Average loss=-0.5452545285224915
Valid(teacher): 100% 1066/1066 [00:04<00:00, 228.85 step/s]

[Valid(teacher)][45][UTT][ MSE = 0.7848 | LCC = 0.7461 | SRCC = 0.7554 ] [SYS][ MSE = 0.5052 | LCC = 0.8632 | SRCC = 0.8697 ]
[Valid(teacher)][45][UTT][ AML = 0.410344 | MoV = 0.093416 | VoV = 0.001781 ]
Train: 100% 622/622 [02:33<00:00,  4.05 step/s]
Average loss=-0.552621066570282
Valid(teacher): 100% 1066/1066 [00:05<00:00, 211.33 step/s]

[Valid(teacher)][46][UTT][ MSE = 0.7694 | LCC = 0.7455 | SRCC = 0.7550 ] [SYS][ MSE = 0.4918 | LCC = 0.8626 | SRCC = 0.8688 ]
[Valid(teacher)][46][UTT][ AML = 0.416972 | MoV = 0.094124 | VoV = 0.001819 ]
Train: 100% 622/622 [02:33<00:00,  4.05 step/s]
Average loss=-0.5586273670196533
Valid(teacher): 100% 1066/1066 [00:04<00:00, 219.60 step/s]

[Valid(teacher)][47][UTT][ MSE = 0.7266 | LCC = 0.7486 | SRCC = 0.7568 ] [SYS][ MSE = 0.4558 | LCC = 0.8641 | SRCC = 0.8703 ]
[Valid(teacher)][47][UTT][ AML = 0.432391 | MoV = 0.095234 | VoV = 0.001849 ]
Train: 100% 622/622 [02:33<00:00,  4.06 step/s]
Average loss=-0.5509554147720337
Valid(teacher): 100% 1066/1066 [00:04<00:00, 227.95 step/s]

[Valid(teacher)][48][UTT][ MSE = 0.7160 | LCC = 0.7492 | SRCC = 0.7564 ] [SYS][ MSE = 0.4473 | LCC = 0.8633 | SRCC = 0.8678 ]
[Valid(teacher)][48][UTT][ AML = 0.435830 | MoV = 0.094359 | VoV = 0.001810 ]
Train: 100% 622/622 [02:33<00:00,  4.04 step/s]
Average loss=-0.5685300827026367
Valid(teacher): 100% 1066/1066 [00:04<00:00, 228.93 step/s]

[Valid(teacher)][49][UTT][ MSE = 0.6992 | LCC = 0.7506 | SRCC = 0.7574 ] [SYS][ MSE = 0.4312 | LCC = 0.8642 | SRCC = 0.8692 ]
[Valid(teacher)][49][UTT][ AML = 0.443709 | MoV = 0.093210 | VoV = 0.001761 ]
Train: 100% 622/622 [02:32<00:00,  4.07 step/s]
Average loss=-0.5794837474822998
Valid(teacher): 100% 1066/1066 [00:04<00:00, 229.94 step/s]

[Valid(teacher)][50][UTT][ MSE = 0.6760 | LCC = 0.7516 | SRCC = 0.7571 ] [SYS][ MSE = 0.4080 | LCC = 0.8665 | SRCC = 0.8710 ]
[Valid(teacher)][50][UTT][ AML = 0.454973 | MoV = 0.092766 | VoV = 0.001787 ]
Train: 100% 622/622 [02:33<00:00,  4.05 step/s]
Average loss=-0.5780615806657959
Valid(teacher): 100% 1066/1066 [00:04<00:00, 221.29 step/s]

[Valid(teacher)][51][UTT][ MSE = 0.6749 | LCC = 0.7513 | SRCC = 0.7568 ] [SYS][ MSE = 0.4040 | LCC = 0.8670 | SRCC = 0.8712 ]
[Valid(teacher)][51][UTT][ AML = 0.456658 | MoV = 0.092205 | VoV = 0.001822 ]
Train: 100% 622/622 [02:33<00:00,  4.04 step/s]
Average loss=-0.589548647403717
Valid(teacher): 100% 1066/1066 [00:04<00:00, 230.65 step/s]

[Valid(teacher)][52][UTT][ MSE = 0.6962 | LCC = 0.7514 | SRCC = 0.7565 ] [SYS][ MSE = 0.4241 | LCC = 0.8659 | SRCC = 0.8707 ]
[Valid(teacher)][52][UTT][ AML = 0.447229 | MoV = 0.090551 | VoV = 0.001824 ]
Train: 100% 622/622 [02:31<00:00,  4.11 step/s]
Average loss=-0.5849857926368713
Valid(teacher): 100% 1066/1066 [00:04<00:00, 231.69 step/s]

[Valid(teacher)][53][UTT][ MSE = 0.6822 | LCC = 0.7527 | SRCC = 0.7574 ] [SYS][ MSE = 0.4130 | LCC = 0.8659 | SRCC = 0.8702 ]
[Valid(teacher)][53][UTT][ AML = 0.453199 | MoV = 0.090255 | VoV = 0.001833 ]
Train: 100% 622/622 [02:31<00:00,  4.11 step/s]
Average loss=-0.5875584483146667
Valid(teacher): 100% 1066/1066 [00:04<00:00, 217.95 step/s]

[Valid(teacher)][54][UTT][ MSE = 0.6564 | LCC = 0.7547 | SRCC = 0.7584 ] [SYS][ MSE = 0.3915 | LCC = 0.8674 | SRCC = 0.8729 ]
[Valid(teacher)][54][UTT][ AML = 0.463939 | MoV = 0.091462 | VoV = 0.001894 ]
Train: 100% 622/622 [02:33<00:00,  4.06 step/s]
Average loss=-0.60893476809369
Valid(teacher): 100% 1066/1066 [00:04<00:00, 227.07 step/s]

[Valid(teacher)][55][UTT][ MSE = 0.6842 | LCC = 0.7538 | SRCC = 0.7585 ] [SYS][ MSE = 0.4226 | LCC = 0.8624 | SRCC = 0.8669 ]
[Valid(teacher)][55][UTT][ AML = 0.452982 | MoV = 0.089605 | VoV = 0.001828 ]
Train: 100% 622/622 [02:31<00:00,  4.09 step/s]
Average loss=-0.6104893088340759
Valid(teacher): 100% 1066/1066 [00:04<00:00, 229.02 step/s]

[Valid(teacher)][56][UTT][ MSE = 0.6842 | LCC = 0.7548 | SRCC = 0.7599 ] [SYS][ MSE = 0.4248 | LCC = 0.8617 | SRCC = 0.8664 ]
[Valid(teacher)][56][UTT][ AML = 0.452861 | MoV = 0.089256 | VoV = 0.001874 ]
Train: 100% 622/622 [02:32<00:00,  4.08 step/s]
Average loss=-0.6132616400718689
Valid(teacher): 100% 1066/1066 [00:04<00:00, 228.91 step/s]

[Valid(teacher)][57][UTT][ MSE = 0.6584 | LCC = 0.7571 | SRCC = 0.7616 ] [SYS][ MSE = 0.4004 | LCC = 0.8637 | SRCC = 0.8672 ]
[Valid(teacher)][57][UTT][ AML = 0.463381 | MoV = 0.089485 | VoV = 0.001828 ]
Train: 100% 622/622 [02:32<00:00,  4.08 step/s]
Average loss=-0.6270447969436646
Valid(teacher): 100% 1066/1066 [00:04<00:00, 230.08 step/s]

[Valid(teacher)][58][UTT][ MSE = 0.6322 | LCC = 0.7584 | SRCC = 0.7619 ] [SYS][ MSE = 0.3750 | LCC = 0.8673 | SRCC = 0.8705 ]
[Valid(teacher)][58][UTT][ AML = 0.475084 | MoV = 0.088883 | VoV = 0.001790 ]
Train: 100% 622/622 [02:32<00:00,  4.08 step/s]
Average loss=-0.6187098873718262
Valid(teacher): 100% 1066/1066 [00:04<00:00, 229.12 step/s]

[Valid(teacher)][59][UTT][ MSE = 0.6231 | LCC = 0.7598 | SRCC = 0.7631 ] [SYS][ MSE = 0.3686 | LCC = 0.8688 | SRCC = 0.8730 ]
[Valid(teacher)][59][UTT][ AML = 0.479846 | MoV = 0.087980 | VoV = 0.001771 ]
Train: 100% 622/622 [02:33<00:00,  4.06 step/s]
Average loss=-0.6309918761253357
Valid(teacher): 100% 1066/1066 [00:04<00:00, 229.94 step/s]

[Valid(teacher)][60][UTT][ MSE = 0.6354 | LCC = 0.7598 | SRCC = 0.7635 ] [SYS][ MSE = 0.3834 | LCC = 0.8657 | SRCC = 0.8698 ]
[Valid(teacher)][60][UTT][ AML = 0.474843 | MoV = 0.087288 | VoV = 0.001781 ]
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, 207.12 step/s]

[Test(best)][61][UTT][ MSE = 0.7971 | LCC = 0.7207 | SRCC = 0.7256 ] [SYS][ MSE = 0.6172 | LCC = 0.8366 | SRCC = 0.8430 ]
[Test(best)][61][UTT][ AML = 0.457720 | MoV = 0.084470 | VoV = 0.001776 ]
(lxygpu) [x_xlian@node056 DeePMOS]$
```