```
(lxygpu) [x_xlian@node015 DeePMOS]$ python train.py --lamb_c=1.5 --lamb_t=0 --dataset "bvcc" --data_path '../BVCC/DATA/' --id_table '../BVCC/id_table/' --save_path='runs/bvcc/c15e-1/run4/'
Train: 100% 622/622 [02:39<00:00,  3.90 step/s]
Average loss=23048.431640625
Valid(teacher): 100% 1066/1066 [00:06<00:00, 159.84 step/s]

[Valid(teacher)][0][UTT][ MSE = 2.1802 | LCC = 0.4635 | SRCC = 0.4610 ] [SYS][ MSE = 1.8310 | LCC = 0.6227 | SRCC = 0.6238 ]
[Valid(teacher)][0][UTT][ AML = 0.204525 | MoV = 0.991471 | VoV = 0.019926 ]
Train: 100% 622/622 [02:37<00:00,  3.95 step/s]
Average loss=0.5934569835662842
Valid(teacher): 100% 1066/1066 [00:05<00:00, 190.43 step/s]

[Valid(teacher)][1][UTT][ MSE = 0.8667 | LCC = 0.5933 | SRCC = 0.5973 ] [SYS][ MSE = 0.6344 | LCC = 0.7192 | SRCC = 0.7224 ]
[Valid(teacher)][1][UTT][ AML = 0.320483 | MoV = 0.740978 | VoV = 0.050854 ]
Train: 100% 622/622 [02:36<00:00,  3.97 step/s]
Average loss=0.38370361924171145
Valid(teacher): 100% 1066/1066 [00:05<00:00, 194.40 step/s]

[Valid(teacher)][2][UTT][ MSE = 0.5388 | LCC = 0.6675 | SRCC = 0.6625 ] [SYS][ MSE = 0.3078 | LCC = 0.7991 | SRCC = 0.7922 ]
[Valid(teacher)][2][UTT][ AML = 0.390881 | MoV = 0.545109 | VoV = 0.041367 ]
Train: 100% 622/622 [02:36<00:00,  3.97 step/s]
Average loss=0.269430547952652
Valid(teacher): 100% 1066/1066 [00:05<00:00, 197.10 step/s]

[Valid(teacher)][3][UTT][ MSE = 0.6025 | LCC = 0.7100 | SRCC = 0.7071 ] [SYS][ MSE = 0.3359 | LCC = 0.8503 | SRCC = 0.8480 ]
[Valid(teacher)][3][UTT][ AML = 0.411172 | MoV = 0.352743 | VoV = 0.015907 ]
Train: 100% 622/622 [02:36<00:00,  3.97 step/s]
Average loss=0.2157622277366638
Valid(teacher): 100% 1066/1066 [00:05<00:00, 190.40 step/s]

[Valid(teacher)][4][UTT][ MSE = 1.1577 | LCC = 0.7143 | SRCC = 0.7300 ] [SYS][ MSE = 0.8485 | LCC = 0.8611 | SRCC = 0.8700 ]
[Valid(teacher)][4][UTT][ AML = 0.290467 | MoV = 0.243719 | VoV = 0.007567 ]
Train: 100% 622/622 [02:37<00:00,  3.96 step/s]
Average loss=0.28886282444000244
Valid(teacher): 100% 1066/1066 [00:05<00:00, 201.50 step/s]

[Valid(teacher)][5][UTT][ MSE = 1.0116 | LCC = 0.7197 | SRCC = 0.7321 ] [SYS][ MSE = 0.7086 | LCC = 0.8638 | SRCC = 0.8703 ]
[Valid(teacher)][5][UTT][ AML = 0.321990 | MoV = 0.249004 | VoV = 0.008046 ]
Train: 100% 622/622 [02:33<00:00,  4.05 step/s]
Average loss=0.17175456881523132
Valid(teacher): 100% 1066/1066 [00:05<00:00, 205.69 step/s]

[Valid(teacher)][6][UTT][ MSE = 1.2565 | LCC = 0.7138 | SRCC = 0.7338 ] [SYS][ MSE = 0.9339 | LCC = 0.8590 | SRCC = 0.8700 ]
[Valid(teacher)][6][UTT][ AML = 0.268983 | MoV = 0.221951 | VoV = 0.006800 ]
Train: 100% 622/622 [02:35<00:00,  3.99 step/s]
Average loss=0.13328717648983002
Valid(teacher): 100% 1066/1066 [00:05<00:00, 200.94 step/s]

[Valid(teacher)][7][UTT][ MSE = 1.4293 | LCC = 0.7087 | SRCC = 0.7321 ] [SYS][ MSE = 1.0929 | LCC = 0.8542 | SRCC = 0.8646 ]
[Valid(teacher)][7][UTT][ AML = 0.235159 | MoV = 0.203663 | VoV = 0.006010 ]
Train: 100% 622/622 [02:35<00:00,  4.01 step/s]
Average loss=0.08881057798862457
Valid(teacher): 100% 1066/1066 [00:05<00:00, 211.65 step/s]

[Valid(teacher)][8][UTT][ MSE = 1.4992 | LCC = 0.7107 | SRCC = 0.7344 ] [SYS][ MSE = 1.1602 | LCC = 0.8553 | SRCC = 0.8662 ]
[Valid(teacher)][8][UTT][ AML = 0.219968 | MoV = 0.189444 | VoV = 0.005707 ]
Train: 100% 622/622 [02:34<00:00,  4.03 step/s]
Average loss=0.0703495442867279
Valid(teacher): 100% 1066/1066 [00:05<00:00, 206.77 step/s]

[Valid(teacher)][9][UTT][ MSE = 1.5352 | LCC = 0.7116 | SRCC = 0.7369 ] [SYS][ MSE = 1.1995 | LCC = 0.8569 | SRCC = 0.8702 ]
[Valid(teacher)][9][UTT][ AML = 0.213233 | MoV = 0.176111 | VoV = 0.005378 ]
Train: 100% 622/622 [02:34<00:00,  4.02 step/s]
Average loss=0.030088153240084448
Valid(teacher): 100% 1066/1066 [00:05<00:00, 204.62 step/s]

[Valid(teacher)][10][UTT][ MSE = 1.6034 | LCC = 0.7132 | SRCC = 0.7400 ] [SYS][ MSE = 1.2719 | LCC = 0.8592 | SRCC = 0.8711 ]
[Valid(teacher)][10][UTT][ AML = 0.201183 | MoV = 0.163023 | VoV = 0.004799 ]
Train: 100% 622/622 [02:34<00:00,  4.02 step/s]
Average loss=0.010043006390333176
Valid(teacher): 100% 1066/1066 [00:05<00:00, 198.95 step/s]

[Valid(teacher)][11][UTT][ MSE = 1.6313 | LCC = 0.7114 | SRCC = 0.7398 ] [SYS][ MSE = 1.3034 | LCC = 0.8569 | SRCC = 0.8689 ]
[Valid(teacher)][11][UTT][ AML = 0.197129 | MoV = 0.155046 | VoV = 0.004499 ]
Train: 100% 622/622 [02:33<00:00,  4.04 step/s]
Average loss=-0.013113645836711093
Valid(teacher): 100% 1066/1066 [00:05<00:00, 198.32 step/s]

[Valid(teacher)][12][UTT][ MSE = 1.6324 | LCC = 0.7098 | SRCC = 0.7410 ] [SYS][ MSE = 1.3090 | LCC = 0.8543 | SRCC = 0.8709 ]
[Valid(teacher)][12][UTT][ AML = 0.197625 | MoV = 0.147726 | VoV = 0.004219 ]
Train: 100% 622/622 [02:34<00:00,  4.03 step/s]
Average loss=-0.03747561946511266886
Valid(teacher): 100% 1066/1066 [00:05<00:00, 203.47 step/s]

[Valid(teacher)][13][UTT][ MSE = 1.5552 | LCC = 0.7099 | SRCC = 0.7413 ] [SYS][ MSE = 1.2392 | LCC = 0.8514 | SRCC = 0.8716 ]
[Valid(teacher)][13][UTT][ AML = 0.208888 | MoV = 0.142985 | VoV = 0.004107 ]
Train: 100% 622/622 [02:35<00:00,  4.01 step/s]
Average loss=-0.031087562441825867
Valid(teacher): 100% 1066/1066 [00:05<00:00, 203.12 step/s]

[Valid(teacher)][14][UTT][ MSE = 1.4740 | LCC = 0.7131 | SRCC = 0.7426 ] [SYS][ MSE = 1.1658 | LCC = 0.8507 | SRCC = 0.8717 ]
[Valid(teacher)][14][UTT][ AML = 0.222140 | MoV = 0.138803 | VoV = 0.003862 ]
Train: 100% 622/622 [02:35<00:00,  3.99 step/s]
Average loss=-0.0792774111032486
Valid(teacher): 100% 1066/1066 [00:05<00:00, 207.24 step/s]

[Valid(teacher)][15][UTT][ MSE = 1.3816 | LCC = 0.7162 | SRCC = 0.7427 ] [SYS][ MSE = 1.0775 | LCC = 0.8497 | SRCC = 0.8692 ]
[Valid(teacher)][15][UTT][ AML = 0.237028 | MoV = 0.135335 | VoV = 0.003894 ]
Train: 100% 622/622 [02:33<00:00,  4.04 step/s]
Average loss=-0.03949145600199694
Valid(teacher): 100% 1066/1066 [00:05<00:00, 210.45 step/s]

[Valid(teacher)][16][UTT][ MSE = 1.4112 | LCC = 0.7142 | SRCC = 0.7422 ] [SYS][ MSE = 1.1119 | LCC = 0.8416 | SRCC = 0.8639 ]
[Valid(teacher)][16][UTT][ AML = 0.232267 | MoV = 0.129553 | VoV = 0.003532 ]
Train: 100% 622/622 [02:33<00:00,  4.06 step/s]
Average loss=-0.11602965742349625
Valid(teacher): 100% 1066/1066 [00:05<00:00, 197.77 step/s]

[Valid(teacher)][17][UTT][ MSE = 1.4170 | LCC = 0.7137 | SRCC = 0.7419 ] [SYS][ MSE = 1.1193 | LCC = 0.8390 | SRCC = 0.8627 ]
[Valid(teacher)][17][UTT][ AML = 0.230692 | MoV = 0.124519 | VoV = 0.003285 ]
Train: 100% 622/622 [02:34<00:00,  4.02 step/s]
Average loss=-0.1174252256751065
Valid(teacher): 100% 1066/1066 [00:05<00:00, 200.19 step/s]

[Valid(teacher)][18][UTT][ MSE = 1.3669 | LCC = 0.7159 | SRCC = 0.7431 ] [SYS][ MSE = 1.0719 | LCC = 0.8368 | SRCC = 0.8610 ]
[Valid(teacher)][18][UTT][ AML = 0.240584 | MoV = 0.122840 | VoV = 0.003043 ]
Train: 100% 622/622 [02:34<00:00,  4.03 step/s]
Average loss=-0.1418038159608841
Valid(teacher): 100% 1066/1066 [00:05<00:00, 204.55 step/s]

[Valid(teacher)][19][UTT][ MSE = 1.3681 | LCC = 0.7151 | SRCC = 0.7440 ] [SYS][ MSE = 1.0786 | LCC = 0.8312 | SRCC = 0.8562 ]
[Valid(teacher)][19][UTT][ AML = 0.243423 | MoV = 0.118435 | VoV = 0.002858 ]
Train: 100% 622/622 [02:33<00:00,  4.05 step/s]
Average loss=-0.15408827364444733
Valid(teacher): 100% 1066/1066 [00:05<00:00, 206.83 step/s]

[Valid(teacher)][20][UTT][ MSE = 1.3669 | LCC = 0.7178 | SRCC = 0.7442 ] [SYS][ MSE = 1.0764 | LCC = 0.8326 | SRCC = 0.8542 ]
[Valid(teacher)][20][UTT][ AML = 0.240058 | MoV = 0.114924 | VoV = 0.002696 ]
Train: 100% 622/622 [02:34<00:00,  4.02 step/s]
Average loss=-0.1770901381969452
Valid(teacher): 100% 1066/1066 [00:05<00:00, 208.94 step/s]

[Valid(teacher)][21][UTT][ MSE = 1.3602 | LCC = 0.7177 | SRCC = 0.7437 ] [SYS][ MSE = 1.0679 | LCC = 0.8308 | SRCC = 0.8514 ]
[Valid(teacher)][21][UTT][ AML = 0.241612 | MoV = 0.111487 | VoV = 0.002616 ]
Train: 100% 622/622 [02:33<00:00,  4.05 step/s]
Average loss=-0.18154089152812958
Valid(teacher): 100% 1066/1066 [00:05<00:00, 205.89 step/s]

[Valid(teacher)][22][UTT][ MSE = 1.2895 | LCC = 0.7248 | SRCC = 0.7474 ] [SYS][ MSE = 0.9960 | LCC = 0.8371 | SRCC = 0.8529 ]
[Valid(teacher)][22][UTT][ AML = 0.252667 | MoV = 0.110521 | VoV = 0.002609 ]
Train: 100% 622/622 [02:34<00:00,  4.02 step/s]
Average loss=-0.1932565569877245
Valid(teacher): 100% 1066/1066 [00:05<00:00, 202.18 step/s]

[Valid(teacher)][23][UTT][ MSE = 1.2757 | LCC = 0.7283 | SRCC = 0.7494 ] [SYS][ MSE = 0.9786 | LCC = 0.8413 | SRCC = 0.8543 ]
[Valid(teacher)][23][UTT][ AML = 0.253558 | MoV = 0.108408 | VoV = 0.002564 ]
Train: 100% 622/622 [02:32<00:00,  4.07 step/s]
Average loss=-0.21064898107528687
Valid(teacher): 100% 1066/1066 [00:05<00:00, 199.61 step/s]

[Valid(teacher)][24][UTT][ MSE = 1.1845 | LCC = 0.7364 | SRCC = 0.7543 ] [SYS][ MSE = 0.8899 | LCC = 0.8491 | SRCC = 0.8576 ]
[Valid(teacher)][24][UTT][ AML = 0.270414 | MoV = 0.108746 | VoV = 0.002625 ]
Train: 100% 622/622 [02:33<00:00,  4.04 step/s]
Average loss=-0.22583265602588654
Valid(teacher): 100% 1066/1066 [00:05<00:00, 196.28 step/s]

[Valid(teacher)][25][UTT][ MSE = 1.1906 | LCC = 0.7376 | SRCC = 0.7553 ] [SYS][ MSE = 0.8925 | LCC = 0.8498 | SRCC = 0.8564 ]
[Valid(teacher)][25][UTT][ AML = 0.266670 | MoV = 0.105976 | VoV = 0.002531 ]
Train: 100% 622/622 [02:35<00:00,  3.99 step/s]
Average loss=-0.2391943484544754
Valid(teacher): 100% 1066/1066 [00:05<00:00, 210.27 step/s]

[Valid(teacher)][26][UTT][ MSE = 1.2238 | LCC = 0.7347 | SRCC = 0.7545 ] [SYS][ MSE = 0.9276 | LCC = 0.8476 | SRCC = 0.8567 ]
[Valid(teacher)][26][UTT][ AML = 0.260398 | MoV = 0.102391 | VoV = 0.002408 ]
Train: 100% 622/622 [02:35<00:00,  4.00 step/s]
Average loss=-0.26440533995628357
Valid(teacher): 100% 1066/1066 [00:05<00:00, 202.49 step/s]

[Valid(teacher)][27][UTT][ MSE = 1.1695 | LCC = 0.7377 | SRCC = 0.7562 ] [SYS][ MSE = 0.8751 | LCC = 0.8490 | SRCC = 0.8567 ]
[Valid(teacher)][27][UTT][ AML = 0.271303 | MoV = 0.101388 | VoV = 0.002446 ]
Train: 100% 622/622 [02:34<00:00,  4.03 step/s]
Average loss=-0.2706721723079814
Valid(teacher): 100% 1066/1066 [00:05<00:00, 206.25 step/s]

[Valid(teacher)][28][UTT][ MSE = 1.1153 | LCC = 0.7417 | SRCC = 0.7577 ] [SYS][ MSE = 0.8199 | LCC = 0.8544 | SRCC = 0.8621 ]
[Valid(teacher)][28][UTT][ AML = 0.283639 | MoV = 0.101017 | VoV = 0.002531 ]
Train: 100% 622/622 [02:36<00:00,  3.98 step/s]
Average loss=-0.2746090292936603
Valid(teacher): 100% 1066/1066 [00:05<00:00, 204.78 step/s]

[Valid(teacher)][29][UTT][ MSE = 1.0936 | LCC = 0.7441 | SRCC = 0.7587 ] [SYS][ MSE = 0.7977 | LCC = 0.8554 | SRCC = 0.8621 ]
[Valid(teacher)][29][UTT][ AML = 0.288131 | MoV = 0.100524 | VoV = 0.002486 ]
Train: 100% 622/622 [02:35<00:00,  4.01 step/s]
Average loss=-0.276093989610672
Valid(teacher): 100% 1066/1066 [00:05<00:00, 191.93 step/s]

[Valid(teacher)][30][UTT][ MSE = 1.1585 | LCC = 0.7411 | SRCC = 0.7584 ] [SYS][ MSE = 0.8643 | LCC = 0.8510 | SRCC = 0.8574 ]
[Valid(teacher)][30][UTT][ AML = 0.271139 | MoV = 0.096972 | VoV = 0.002349 ]
Train: 100% 622/622 [02:34<00:00,  4.03 step/s]
Average loss=-0.2852402329444885
Valid(teacher): 100% 1066/1066 [00:05<00:00, 196.79 step/s]

[Valid(teacher)][31][UTT][ MSE = 1.0963 | LCC = 0.7458 | SRCC = 0.7608 ] [SYS][ MSE = 0.7996 | LCC = 0.8560 | SRCC = 0.8612 ]
[Valid(teacher)][31][UTT][ AML = 0.286052 | MoV = 0.096698 | VoV = 0.002440 ]
Train: 100% 622/622 [02:34<00:00,  4.02 step/s]
Average loss=-0.29697519540786743
Valid(teacher): 100% 1066/1066 [00:05<00:00, 199.93 step/s]

[Valid(teacher)][32][UTT][ MSE = 1.0311 | LCC = 0.7520 | SRCC = 0.7636 ] [SYS][ MSE = 0.7364 | LCC = 0.8608 | SRCC = 0.8668 ]
[Valid(teacher)][32][UTT][ AML = 0.301290 | MoV = 0.098486 | VoV = 0.002588 ]
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Train: 100% 622/622 [02:34<00:00,  4.02 step/s]
Average loss=-0.30103349685668945
Valid(teacher): 100% 1066/1066 [00:05<00:00, 196.25 step/s]

[Valid(teacher)][33][UTT][ MSE = 0.9980 | LCC = 0.7544 | SRCC = 0.7655 ] [SYS][ MSE = 0.7086 | LCC = 0.8627 | SRCC = 0.8680 ]
[Valid(teacher)][33][UTT][ AML = 0.309943 | MoV = 0.098597 | VoV = 0.002714 ]
Train: 100% 622/622 [02:34<00:00,  4.02 step/s]
Average loss=-0.3098120391368866
Valid(teacher): 100% 1066/1066 [00:05<00:00, 192.79 step/s]

[Valid(teacher)][34][UTT][ MSE = 1.0055 | LCC = 0.7532 | SRCC = 0.7646 ] [SYS][ MSE = 0.7158 | LCC = 0.8596 | SRCC = 0.8644 ]
[Valid(teacher)][34][UTT][ AML = 0.309526 | MoV = 0.096537 | VoV = 0.002663 ]
Train: 100% 622/622 [02:33<00:00,  4.05 step/s]
Average loss=-0.3214758336544037
Valid(teacher): 100% 1066/1066 [00:05<00:00, 191.56 step/s]

[Valid(teacher)][35][UTT][ MSE = 0.8995 | LCC = 0.7571 | SRCC = 0.7659 ] [SYS][ MSE = 0.6167 | LCC = 0.8613 | SRCC = 0.8633 ]
[Valid(teacher)][35][UTT][ AML = 0.343688 | MoV = 0.099049 | VoV = 0.002802 ]
Train: 100% 622/622 [02:37<00:00,  3.94 step/s]
Average loss=-0.3411356806755066
Valid(teacher): 100% 1066/1066 [00:05<00:00, 190.09 step/s]

[Valid(teacher)][36][UTT][ MSE = 0.9658 | LCC = 0.7557 | SRCC = 0.7657 ] [SYS][ MSE = 0.6792 | LCC = 0.8599 | SRCC = 0.8626 ]
[Valid(teacher)][36][UTT][ AML = 0.322077 | MoV = 0.095219 | VoV = 0.002580 ]
Train: 100% 622/622 [02:34<00:00,  4.03 step/s]
Average loss=-0.3615464866161344604
Valid(teacher): 100% 1066/1066 [00:05<00:00, 204.23 step/s]

[Valid(teacher)][37][UTT][ MSE = 0.9484 | LCC = 0.7567 | SRCC = 0.7661 ] [SYS][ MSE = 0.6627 | LCC = 0.8624 | SRCC = 0.8661 ]
[Valid(teacher)][37][UTT][ AML = 0.328659 | MoV = 0.094566 | VoV = 0.002554 ]
Train: 100% 622/622 [02:34<00:00,  4.01 step/s]
Average loss=-0.35628387331962585
Valid(teacher): 100% 1066/1066 [00:05<00:00, 193.31 step/s]

[Valid(teacher)][38][UTT][ MSE = 0.9224 | LCC = 0.7577 | SRCC = 0.7668 ] [SYS][ MSE = 0.6356 | LCC = 0.8639 | SRCC = 0.8683 ]
[Valid(teacher)][38][UTT][ AML = 0.336690 | MoV = 0.094295 | VoV = 0.002609 ]
Train: 100% 622/622 [02:35<00:00,  4.00 step/s]
Average loss=-0.3817787170410156
Valid(teacher): 100% 1066/1066 [00:05<00:00, 198.40 step/s]

[Valid(teacher)][39][UTT][ MSE = 0.9316 | LCC = 0.7583 | SRCC = 0.7673 ] [SYS][ MSE = 0.6437 | LCC = 0.8646 | SRCC = 0.8686 ]
[Valid(teacher)][39][UTT][ AML = 0.334176 | MoV = 0.093781 | VoV = 0.002591 ]
Train: 100% 622/622 [02:35<00:00,  4.00 step/s]
Average loss=-0.3945327401161194
Valid(teacher): 100% 1066/1066 [00:05<00:00, 187.81 step/s]

[Valid(teacher)][40][UTT][ MSE = 0.9246 | LCC = 0.7592 | SRCC = 0.7678 ] [SYS][ MSE = 0.6371 | LCC = 0.8656 | SRCC = 0.8701 ]
[Valid(teacher)][40][UTT][ AML = 0.336789 | MoV = 0.092058 | VoV = 0.002535 ]
Train: 100% 622/622 [02:36<00:00,  3.97 step/s]
Average loss=-0.4055217504501343
Valid(teacher): 100% 1066/1066 [00:05<00:00, 194.80 step/s]

[Valid(teacher)][41][UTT][ MSE = 0.9006 | LCC = 0.7600 | SRCC = 0.7683 ] [SYS][ MSE = 0.6200 | LCC = 0.8638 | SRCC = 0.8687 ]
[Valid(teacher)][41][UTT][ AML = 0.344862 | MoV = 0.091336 | VoV = 0.002426 ]
Train: 100% 622/622 [02:34<00:00,  4.02 step/s]
Average loss=-0.4310095310211816
Valid(teacher): 100% 1066/1066 [00:05<00:00, 195.86 step/s]

[Valid(teacher)][42][UTT][ MSE = 0.9109 | LCC = 0.7613 | SRCC = 0.7700 ] [SYS][ MSE = 0.6277 | LCC = 0.8642 | SRCC = 0.8692 ]
[Valid(teacher)][42][UTT][ AML = 0.340896 | MoV = 0.089726 | VoV = 0.002435 ]
Train: 100% 622/622 [02:34<00:00,  4.03 step/s]
Average loss=-0.4232817888259877
Valid(teacher): 100% 1066/1066 [00:05<00:00, 189.06 step/s]

[Valid(teacher)][43][UTT][ MSE = 0.8849 | LCC = 0.7623 | SRCC = 0.7700 ] [SYS][ MSE = 0.6016 | LCC = 0.8650 | SRCC = 0.8669 ]
[Valid(teacher)][43][UTT][ AML = 0.349129 | MoV = 0.089446 | VoV = 0.002393 ]
Train: 100% 622/622 [02:34<00:00,  4.03 step/s]
Average loss=-0.4372818171977997
Valid(teacher): 100% 1066/1066 [00:05<00:00, 200.81 step/s]

[Valid(teacher)][44][UTT][ MSE = 0.8483 | LCC = 0.7637 | SRCC = 0.7701 ] [SYS][ MSE = 0.5635 | LCC = 0.8682 | SRCC = 0.8694 ]
[Valid(teacher)][44][UTT][ AML = 0.363598 | MoV = 0.089551 | VoV = 0.002386 ]
Train: 100% 622/622 [02:38<00:00,  3.93 step/s]
Average loss=-0.43535023927686
Valid(teacher): 100% 1066/1066 [00:05<00:00, 200.89 step/s]

[Valid(teacher)][45][UTT][ MSE = 0.9001 | LCC = 0.7604 | SRCC = 0.7684 ] [SYS][ MSE = 0.6102 | LCC = 0.8653 | SRCC = 0.8670 ]
[Valid(teacher)][45][UTT][ AML = 0.345736 | MoV = 0.086539 | VoV = 0.002259 ]
Train: 100% 622/622 [02:35<00:00,  3.99 step/s]
Average loss=-0.4550505578517914
Valid(teacher): 100% 1066/1066 [00:05<00:00, 198.61 step/s]

[Valid(teacher)][46][UTT][ MSE = 0.8202 | LCC = 0.7645 | SRCC = 0.7706 ] [SYS][ MSE = 0.5345 | LCC = 0.8694 | SRCC = 0.8700 ]
[Valid(teacher)][46][UTT][ AML = 0.374996 | MoV = 0.087260 | VoV = 0.002296 ]
Train: 100% 622/622 [02:35<00:00,  4.01 step/s]
Average loss=-0.4367294987569885
Valid(teacher): 100% 1066/1066 [00:05<00:00, 197.83 step/s]

[Valid(teacher)][47][UTT][ MSE = 0.7888 | LCC = 0.7664 | SRCC = 0.7722 ] [SYS][ MSE = 0.5089 | LCC = 0.8700 | SRCC = 0.8729 ]
[Valid(teacher)][47][UTT][ AML = 0.386742 | MoV = 0.087731 | VoV = 0.002292 ]
Train: 100% 622/622 [02:37<00:00,  3.94 step/s]
Average loss=-0.4542795717716217
Valid(teacher): 100% 1066/1066 [00:05<00:00, 197.28 step/s]

[Valid(teacher)][48][UTT][ MSE = 0.7685 | LCC = 0.7667 | SRCC = 0.7723 ] [SYS][ MSE = 0.4917 | LCC = 0.8700 | SRCC = 0.8730 ]
[Valid(teacher)][48][UTT][ AML = 0.394480 | MoV = 0.088366 | VoV = 0.002342 ]
Train: 100% 622/622 [02:34<00:00,  4.03 step/s]
Average loss=-0.478588342666626
Valid(teacher): 100% 1066/1066 [00:05<00:00, 190.26 step/s]

[Valid(teacher)][49][UTT][ MSE = 0.7462 | LCC = 0.7678 | SRCC = 0.7730 ] [SYS][ MSE = 0.4734 | LCC = 0.8706 | SRCC = 0.8732 ]
[Valid(teacher)][49][UTT][ AML = 0.404270 | MoV = 0.087807 | VoV = 0.002270 ]
Train: 100% 622/622 [02:34<00:00,  4.03 step/s]
Average loss=-0.4449540376663208
Valid(teacher): 100% 1066/1066 [00:05<00:00, 196.15 step/s]

[Valid(teacher)][50][UTT][ MSE = 0.7639 | LCC = 0.7667 | SRCC = 0.7722 ] [SYS][ MSE = 0.4856 | LCC = 0.8711 | SRCC = 0.8730 ]
[Valid(teacher)][50][UTT][ AML = 0.397999 | MoV = 0.086470 | VoV = 0.002195 ]
Train: 100% 622/622 [02:34<00:00,  4.03 step/s]
Average loss=-0.4871124625205937
Valid(teacher): 100% 1066/1066 [00:05<00:00, 193.92 step/s]

[Valid(teacher)][51][UTT][ MSE = 0.7710 | LCC = 0.7668 | SRCC = 0.7727 ] [SYS][ MSE = 0.4905 | LCC = 0.8719 | SRCC = 0.8737 ]
[Valid(teacher)][51][UTT][ AML = 0.393970 | MoV = 0.085158 | VoV = 0.002168 ]
Train: 100% 622/622 [02:34<00:00,  4.02 step/s]
Average loss=-0.4893234074115753
Valid(teacher): 100% 1066/1066 [00:05<00:00, 193.77 step/s]

[Valid(teacher)][52][UTT][ MSE = 0.7620 | LCC = 0.7665 | SRCC = 0.7730 ] [SYS][ MSE = 0.4838 | LCC = 0.8723 | SRCC = 0.8755 ]
[Valid(teacher)][52][UTT][ AML = 0.397604 | MoV = 0.084455 | VoV = 0.002129 ]
Train: 100% 622/622 [02:34<00:00,  4.03 step/s]
Average loss=-0.48348596692085266
Valid(teacher): 100% 1066/1066 [00:05<00:00, 198.82 step/s]

[Valid(teacher)][53][UTT][ MSE = 0.7773 | LCC = 0.7683 | SRCC = 0.7748 ] [SYS][ MSE = 0.5010 | LCC = 0.8725 | SRCC = 0.8757 ]
[Valid(teacher)][53][UTT][ AML = 0.388366 | MoV = 0.083750 | VoV = 0.002053 ]
Train: 100% 622/622 [02:36<00:00,  3.98 step/s]
Average loss=-0.4796600937843323
Valid(teacher): 100% 1066/1066 [00:05<00:00, 199.54 step/s]

[Valid(teacher)][54][UTT][ MSE = 0.7464 | LCC = 0.7691 | SRCC = 0.7750 ] [SYS][ MSE = 0.4716 | LCC = 0.8725 | SRCC = 0.8733 ]
[Valid(teacher)][54][UTT][ AML = 0.403990 | MoV = 0.084422 | VoV = 0.002065 ]
Train: 100% 622/622 [02:34<00:00,  4.03 step/s]
Average loss=-0.5234435796737671
Valid(teacher): 100% 1066/1066 [00:05<00:00, 206.28 step/s]

[Valid(teacher)][55][UTT][ MSE = 0.7352 | LCC = 0.7701 | SRCC = 0.7751 ] [SYS][ MSE = 0.4613 | LCC = 0.8742 | SRCC = 0.8754 ]
[Valid(teacher)][55][UTT][ AML = 0.408461 | MoV = 0.083758 | VoV = 0.002056 ]
Train: 100% 622/622 [02:37<00:00,  3.95 step/s]
Average loss=-0.5376185178756714
Valid(teacher): 100% 1066/1066 [00:05<00:00, 206.57 step/s]

[Valid(teacher)][56][UTT][ MSE = 0.7368 | LCC = 0.7713 | SRCC = 0.7769 ] [SYS][ MSE = 0.4625 | LCC = 0.8762 | SRCC = 0.8782 ]
[Valid(teacher)][56][UTT][ AML = 0.408410 | MoV = 0.082856 | VoV = 0.002035 ]
Train: 100% 622/622 [02:35<00:00,  3.99 step/s]
Average loss=-0.5234842896461487
Valid(teacher): 100% 1066/1066 [00:05<00:00, 194.73 step/s]

[Valid(teacher)][57][UTT][ MSE = 0.7307 | LCC = 0.7717 | SRCC = 0.7773 ] [SYS][ MSE = 0.4575 | LCC = 0.8781 | SRCC = 0.8812 ]
[Valid(teacher)][57][UTT][ AML = 0.413723 | MoV = 0.082090 | VoV = 0.001970 ]
Train: 100% 622/622 [02:35<00:00,  3.99 step/s]
Average loss=-0.54013484716454154
Valid(teacher): 100% 1066/1066 [00:05<00:00, 202.57 step/s]

[Valid(teacher)][58][UTT][ MSE = 0.7216 | LCC = 0.7724 | SRCC = 0.7784 ] [SYS][ MSE = 0.4493 | LCC = 0.8787 | SRCC = 0.8816 ]
[Valid(teacher)][58][UTT][ AML = 0.418405 | MoV = 0.081260 | VoV = 0.001919 ]
Train: 100% 622/622 [02:37<00:00,  3.95 step/s]
Average loss=-0.5448914034843445
Valid(teacher): 100% 1066/1066 [00:05<00:00, 194.33 step/s]

[Valid(teacher)][59][UTT][ MSE = 0.6965 | LCC = 0.7738 | SRCC = 0.7795 ] [SYS][ MSE = 0.4328 | LCC = 0.8769 | SRCC = 0.8816 ]
[Valid(teacher)][59][UTT][ AML = 0.428669 | MoV = 0.080688 | VoV = 0.001855 ]
Train: 100% 622/622 [02:34<00:00,  4.02 step/s]
Average loss=-0.5331743359565735
Valid(teacher): 100% 1066/1066 [00:05<00:00, 199.99 step/s]

[Valid(teacher)][60][UTT][ MSE = 0.6772 | LCC = 0.7728 | SRCC = 0.7779 ] [SYS][ MSE = 0.4141 | LCC = 0.8760 | SRCC = 0.8780 ]
[Valid(teacher)][60][UTT][ AML = 0.439476 | MoV = 0.081584 | VoV = 0.001849 ]
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, 186.18 step/s]

[Test(best)][61][UTT][ MSE = 0.8410 | LCC = 0.7598 | SRCC = 0.7673 ] [SYS][ MSE = 0.7221 | LCC = 0.8407 | SRCC = 0.8519 ]
[Test(best)][61][UTT][ AML = 0.410397 | MoV = 0.078765 | VoV = 0.001997 ]
(lxygpu) [x_xlian@node015 DeePMOS]$
```