

```
(!ygpu) [x_xliao@node050 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/run9'
Train: 100% 622/622 [82:36<00:00, 3.97 step/s]
Average loss=0.0318046075
Valid(teacher): 100% 1866/1866 [00:05<00:00, 199.82 step/s]

[Valid(teacher)][0][UTTT] MSE = 0.7324 | LCC = 0.5892 | SRCC = 0.5828 | [SYS][ MSE = 0.5117 | LCC = 0.6432 | SRCC = 0.6389 ]
[Valid(teacher)][0][UTTT] AML = 0.326687 | Mov = 0.725382 | VoV = 0.008829 ]
Train: 100% 622/622 [82:34<00:00, 4.18 step/s]
Average loss=0.2379767888156447
Valid(teacher): 100% 1866/1866 [00:04<00:00, 226.64 step/s]

[Valid(teacher)][1][UTTT] MSE = 0.7237 | LCC = 0.6978 | SRCC = 0.5934 | [SYS][ MSE = 0.5988 | LCC = 0.6832 | SRCC = 0.6761 ]
[Valid(teacher)][1][UTTT] AML = 0.364628 | Mov = 0.637928 | VoV = 0.005802 ]
Train: 100% 622/622 [82:32<00:00, 4.08 step/s]
Average loss=0.3218451738357544
Valid(teacher): 100% 1866/1866 [00:04<00:00, 226.51 step/s]

[Valid(teacher)][2][UTTT] MSE = 0.5685 | LCC = 0.6453 | SRCC = 0.6437 | [SYS][ MSE = 0.4185 | LCC = 0.7316 | SRCC = 0.7298 ]
[Valid(teacher)][2][UTTT] AML = 0.412939 | Mov = 0.433371 | VoV = 0.007811 ]
Train: 100% 622/622 [82:32<00:00, 4.07 step/s]
Average loss=0.2427389384457843
Valid(teacher): 100% 1866/1866 [00:04<00:00, 228.80 step/s]

[Valid(teacher)][3][UTTT] MSE = 0.5362 | LCC = 0.6807 | SRCC = 0.6831 | [SYS][ MSE = 0.3461 | LCC = 0.7723 | SRCC = 0.7883 ]
[Valid(teacher)][3][UTTT] AML = 0.431318 | Mov = 0.379445 | VoV = 0.009208 ]
Train: 100% 622/622 [82:32<00:00, 4.07 step/s]
Average loss=0.05642846269526269
Valid(teacher): 100% 1866/1866 [00:04<00:00, 217.40 step/s]

[Valid(teacher)][4][UTTT] MSE = 0.6028 | LCC = 0.7386 | SRCC = 0.7386 | [SYS][ MSE = 0.3294 | LCC = 0.6389 | SRCC = 0.8422 ]
[Valid(teacher)][4][UTTT] AML = 0.431915 | Mov = 0.288569 | VoV = 0.010602 ]
Train: 100% 622/622 [82:33<00:00, 4.07 step/s]
Average loss=0.01978791861765132
Valid(teacher): 100% 1866/1866 [00:04<00:00, 222.67 step/s]

[Valid(teacher)][5][UTTT] MSE = 0.6275 | LCC = 0.7318 | SRCC = 0.7315 | [SYS][ MSE = 0.3439 | LCC = 0.8424 | SRCC = 0.8438 ]
[Valid(teacher)][5][UTTT] AML = 0.426292 | Mov = 0.269667 | VoV = 0.010424 ]
Train: 100% 622/622 [82:32<00:00, 4.07 step/s]
Average loss=0.02399517158997148
Valid(teacher): 100% 1866/1866 [00:04<00:00, 224.65 step/s]

[Valid(teacher)][6][UTTT] MSE = 0.7369 | LCC = 0.7287 | SRCC = 0.7319 | [SYS][ MSE = 0.4265 | LCC = 0.8452 | SRCC = 0.8479 ]
[Valid(teacher)][6][UTTT] AML = 0.394787 | Mov = 0.246775 | VoV = 0.009871 ]
Train: 100% 622/622 [82:32<00:00, 4.03 step/s]
Average loss=0.07585180220441818
Valid(teacher): 100% 1866/1866 [00:04<00:00, 229.17 step/s]

[Valid(teacher)][7][UTTT] MSE = 0.8157 | LCC = 0.7286 | SRCC = 0.7337 | [SYS][ MSE = 0.4887 | LCC = 0.8475 | SRCC = 0.8515 ]
[Valid(teacher)][7][UTTT] AML = 0.373251 | Mov = 0.227853 | VoV = 0.008752 ]
Train: 100% 622/622 [82:32<00:00, 4.07 step/s]
Average loss=0.04453654587268829
Valid(teacher): 100% 1866/1866 [00:04<00:00, 230.63 step/s]

[Valid(teacher)][8][UTTT] MSE = 0.8796 | LCC = 0.7269 | SRCC = 0.7339 | [SYS][ MSE = 0.5489 | LCC = 0.8482 | SRCC = 0.8541 ]
[Valid(teacher)][8][UTTT] AML = 0.357387 | Mov = 0.218224 | VoV = 0.008314 ]
Train: 100% 622/622 [82:33<00:00, 4.06 step/s]
Average loss=0.12862592935562134
Valid(teacher): 100% 1866/1866 [00:04<00:00, 223.42 step/s]

[Valid(teacher)][9][UTTT] MSE = 1.8643 | LCC = 0.7181 | SRCC = 0.7316 | [SYS][ MSE = 0.6888 | LCC = 0.8447 | SRCC = 0.8542 ]
[Valid(teacher)][9][UTTT] AML = 0.314925 | Mov = 0.158647 | VoV = 0.007125 ]
Train: 100% 622/622 [82:32<00:00, 4.08 step/s]
Average loss=0.1126867118556575
Valid(teacher): 100% 1866/1866 [00:04<00:00, 229.21 step/s]

[Valid(teacher)][10][UTTT] MSE = 1.1484 | LCC = 0.7126 | SRCC = 0.7300 | [SYS][ MSE = 0.7667 | LCC = 0.8417 | SRCC = 0.8535 ]
[Valid(teacher)][10][UTTT] AML = 0.298329 | Mov = 0.174893 | VoV = 0.006583 ]
Train: 100% 622/622 [82:32<00:00, 4.08 step/s]
Average loss=0.1231288267230617
Valid(teacher): 100% 1866/1866 [00:04<00:00, 229.89 step/s]

[Valid(teacher)][11][UTTT] MSE = 1.1958 | LCC = 0.7886 | SRCC = 0.7289 | [SYS][ MSE = 0.8842 | LCC = 0.8376 | SRCC = 0.8492 ]
[Valid(teacher)][11][UTTT] AML = 0.279688 | Mov = 0.164287 | VoV = 0.005980 ]
Train: 100% 622/622 [82:32<00:00, 4.07 step/s]
Average loss=0.1452398454128636
Valid(teacher): 100% 1866/1866 [00:04<00:00, 229.47 step/s]

[Valid(teacher)][12][UTTT] MSE = 1.3446 | LCC = 0.6997 | SRCC = 0.7267 | [SYS][ MSE = 0.9338 | LCC = 0.8317 | SRCC = 0.8479 ]
[Valid(teacher)][12][UTTT] AML = 0.245378 | Mov = 0.158051 | VoV = 0.005381 ]
Train: 100% 622/622 [82:32<00:00, 4.05 step/s]
Average loss=0.21538254618644714
Valid(teacher): 100% 1866/1866 [00:04<00:00, 228.44 step/s]

[Valid(teacher)][13][UTTT] MSE = 1.3876 | LCC = 0.6974 | SRCC = 0.7284 | [SYS][ MSE = 0.9674 | LCC = 0.8338 | SRCC = 0.8495 ]
[Valid(teacher)][13][UTTT] AML = 0.238387 | Mov = 0.141597 | VoV = 0.004925 ]
Train: 100% 622/622 [82:33<00:00, 4.06 step/s]
Average loss=0.22984839783477783
Valid(teacher): 100% 1866/1866 [00:04<00:00, 229.41 step/s]

[Valid(teacher)][14][UTTT] MSE = 1.3929 | LCC = 0.6974 | SRCC = 0.7385 | [SYS][ MSE = 0.9713 | LCC = 0.8353 | SRCC = 0.8533 ]
[Valid(teacher)][14][UTTT] AML = 0.237283 | Mov = 0.136519 | VoV = 0.004328 ]
Train: 100% 622/622 [82:32<00:00, 4.09 step/s]
Average loss=0.21988677978515625
Valid(teacher): 100% 1866/1866 [00:04<00:00, 222.45 step/s]

[Valid(teacher)][15][UTTT] MSE = 1.4213 | LCC = 0.6965 | SRCC = 0.7328 | [SYS][ MSE = 1.0080 | LCC = 0.8352 | SRCC = 0.8586 ]
[Valid(teacher)][15][UTTT] AML = 0.229857 | Mov = 0.131694 | VoV = 0.004158 ]
Train: 100% 622/622 [82:33<00:00, 4.05 step/s]
Average loss=0.2131613643642842
Valid(teacher): 100% 1866/1866 [00:04<00:00, 222.14 step/s]

[Valid(teacher)][16][UTTT] MSE = 1.4118 | LCC = 0.7080 | SRCC = 0.7330 | [SYS][ MSE = 0.9864 | LCC = 0.8379 | SRCC = 0.8528 ]
[Valid(teacher)][16][UTTT] AML = 0.229874 | Mov = 0.127214 | VoV = 0.003918 ]
Train: 100% 622/622 [82:33<00:00, 4.03 step/s]
Average loss=0.2453956355571747
Valid(teacher): 100% 1866/1866 [00:04<00:00, 229.46 step/s]

[Valid(teacher)][17][UTTT] MSE = 1.4281 | LCC = 0.7029 | SRCC = 0.7352 | [SYS][ MSE = 1.0088 | LCC = 0.8484 | SRCC = 0.8549 ]
[Valid(teacher)][17][UTTT] AML = 0.224268 | Mov = 0.122873 | VoV = 0.003588 ]
Train: 100% 622/622 [82:33<00:00, 4.05 step/s]
Average loss=0.272161682973938
Valid(teacher): 100% 1866/1866 [00:04<00:00, 228.45 step/s]

[Valid(teacher)][18][UTTT] MSE = 1.4437 | LCC = 0.7028 | SRCC = 0.7364 | [SYS][ MSE = 1.0243 | LCC = 0.8392 | SRCC = 0.8542 ]
[Valid(teacher)][18][UTTT] AML = 0.219913 | Mov = 0.118498 | VoV = 0.003295 ]
Train: 100% 622/622 [82:33<00:00, 4.05 step/s]
Average loss=0.293445384965973
Valid(teacher): 100% 1866/1866 [00:04<00:00, 230.43 step/s]

[Valid(teacher)][19][UTTT] MSE = 1.3923 | LCC = 0.7073 | SRCC = 0.7481 | [SYS][ MSE = 0.9747 | LCC = 0.8434 | SRCC = 0.8562 ]
[Valid(teacher)][19][UTTT] AML = 0.229458 | Mov = 0.116632 | VoV = 0.003852 ]
Train: 100% 622/622 [82:32<00:00, 4.07 step/s]
Average loss=0.3891446071154822
Valid(teacher): 100% 1866/1866 [00:04<00:00, 229.91 step/s]

[Valid(teacher)][20][UTTT] MSE = 1.3756 | LCC = 0.7886 | SRCC = 0.7416 | [SYS][ MSE = 0.9597 | LCC = 0.8423 | SRCC = 0.8547 ]
[Valid(teacher)][20][UTTT] AML = 0.238587 | Mov = 0.131388 | VoV = 0.003915 ]
Train: 100% 622/622 [82:32<00:00, 4.07 step/s]
Average loss=0.3269987618522644
Valid(teacher): 100% 1866/1866 [00:04<00:00, 230.19 step/s]

[Valid(teacher)][21][UTTT] MSE = 1.3236 | LCC = 0.7125 | SRCC = 0.7425 | [SYS][ MSE = 0.9871 | LCC = 0.8466 | SRCC = 0.8573 ]
[Valid(teacher)][21][UTTT] AML = 0.241878 | Mov = 0.111288 | VoV = 0.002843 ]
Train: 100% 622/622 [82:32<00:00, 4.09 step/s]
Average loss=0.312172445414296
Valid(teacher): 100% 1866/1866 [00:04<00:00, 224.88 step/s]

[Valid(teacher)][22][UTTT] MSE = 1.2799 | LCC = 0.7169 | SRCC = 0.7447 | [SYS][ MSE = 0.8724 | LCC = 0.8481 | SRCC = 0.8565 ]
[Valid(teacher)][22][UTTT] AML = 0.249782 | Mov = 0.118698 | VoV = 0.002722 ]
Train: 100% 622/622 [82:32<00:00, 4.07 step/s]
Average loss=0.3641933795789978
Valid(teacher): 100% 1866/1866 [00:04<00:00, 226.79 step/s]

[Valid(teacher)][23][UTTT] MSE = 1.3218 | LCC = 0.7156 | SRCC = 0.7445 | [SYS][ MSE = 0.9138 | LCC = 0.8452 | SRCC = 0.8568 ]
[Valid(teacher)][23][UTTT] AML = 0.238855 | Mov = 0.187678 | VoV = 0.002637 ]
Train: 100% 622/622 [82:33<00:00, 4.05 step/s]
Average loss=0.358412764822827
Valid(teacher): 100% 1866/1866 [00:04<00:00, 228.36 step/s]

[Valid(teacher)][24][UTTT] MSE = 1.3824 | LCC = 0.7168 | SRCC = 0.7433 | [SYS][ MSE = 0.8954 | LCC = 0.8435 | SRCC = 0.8526 ]
[Valid(teacher)][24][UTTT] AML = 0.241112 | Mov = 0.185711 | VoV = 0.002641 ]
Train: 100% 622/622 [82:32<00:00, 4.08 step/s]
Average loss=0.268772464618683
Valid(teacher): 100% 1866/1866 [00:04<00:00, 228.53 step/s]

[Valid(teacher)][25][UTTT] MSE = 1.2828 | LCC = 0.7169 | SRCC = 0.7428 | [SYS][ MSE = 0.8737 | LCC = 0.8427 | SRCC = 0.8581 ]
[Valid(teacher)][25][UTTT] AML = 0.243587 | Mov = 0.183341 | VoV = 0.002534 ]
Train: 100% 622/622 [82:32<00:00, 4.07 step/s]
Average loss=0.3798123598898755
Valid(teacher): 100% 1866/1866 [00:04<00:00, 231.56 step/s]

[Valid(teacher)][26][UTTT] MSE = 1.2888 | LCC = 0.7223 | SRCC = 0.7451 | [SYS][ MSE = 0.8116 | LCC = 0.8468 | SRCC = 0.8522 ]
[Valid(teacher)][26][UTTT] AML = 0.259398 | Mov = 0.183125 | VoV = 0.002578 ]
Train: 100% 622/622 [82:33<00:00, 4.06 step/s]
Average loss=0.3916792571544647
Valid(teacher): 100% 1866/1866 [00:04<00:00, 230.97 step/s]

[Valid(teacher)][27][UTTT] MSE = 1.1628 | LCC = 0.7249 | SRCC = 0.7449 | [SYS][ MSE = 0.7498 | LCC = 0.8491 | SRCC = 0.8534 ]
[Valid(teacher)][27][UTTT] AML = 0.270398 | Mov = 0.181573 | VoV = 0.002454 ]
Train: 100% 622/622 [82:32<00:00, 4.07 step/s]
Average loss=0.485813952147522
Valid(teacher): 100% 1866/1866 [00:04<00:00, 230.28 step/s]

[Valid(teacher)][28][UTTT] MSE = 1.1647 | LCC = 0.7245 | SRCC = 0.7447 | [SYS][ MSE = 0.7772 | LCC = 0.8483 | SRCC = 0.8531 ]
[Valid(teacher)][28][UTTT] AML = 0.271844 | Mov = 0.899871 | VoV = 0.002378 ]
Train: 100% 622/622 [82:32<00:00, 4.09 step/s]
Average loss=0.4816786217889514
Valid(teacher): 100% 1866/1866 [00:04<00:00, 228.98 step/s]

[Valid(teacher)][29][UTTT] MSE = 1.1332 | LCC = 0.7257 | SRCC = 0.7443 | [SYS][ MSE = 0.7484 | LCC = 0.8488 | SRCC = 0.8526 ]
[Valid(teacher)][29][UTTT] AML = 0.278275 | Mov = 0.898766 | VoV = 0.002418 ]
Train: 100% 622/622 [82:32<00:00, 4.07 step/s]
Average loss=0.418845764353687
Valid(teacher): 100% 1866/1866 [00:04<00:00, 231.69 step/s]

[Valid(teacher)][30][UTTT] MSE = 1.1282 | LCC = 0.7278 | SRCC = 0.7461 | [SYS][ MSE = 0.7367 | LCC = 0.8582 | SRCC = 0.8549 ]
[Valid(teacher)][30][UTTT] AML = 0.282232 | Mov = 0.898487 | VoV = 0.002367 ]
Train: 100% 622/622 [82:33<00:00, 4.06 step/s]
Average loss=0.424793541431427
Valid(teacher): 100% 1866/1866 [00:04<00:00, 230.73 step/s]

[Valid(teacher)][31][UTTT] MSE = 1.1648 | LCC = 0.7239 | SRCC = 0.7446 | [SYS][ MSE = 0.7764 | LCC = 0.8462 | SRCC = 0.8517 ]
[Valid(teacher)][31][UTTT] AML = 0.278389 | Mov = 0.895453 | VoV = 0.002264 ]
Train: 100% 622/622 [82:33<00:00, 4.05 step/s]
Average loss=0.442967444852794
Valid(teacher): 100% 1866/1866 [00:04<00:00, 224.87 step/s]

[Valid(teacher)][32][UTTT] MSE = 1.1389 | LCC = 0.7259 | SRCC = 0.7461 | [SYS][ MSE = 0.7566 | LCC = 0.8454 | SRCC = 0.8518 ]
[Valid(teacher)][32][UTTT] AML = 0.276151 | Mov = 0.894611 | VoV = 0.002122 ]
```

```
Train: 100% 622/622 [02:34<00:00, 4.03 step/s]
Average loss=-0.4165818498975525
Valid(teacher): 100% 1866/1866 [00:04<00:00, 221.58 step/s]

[Valid(teacher)][33][UTTT][ MSE = 1.1523 | LCC = 0.7242 | SRCC = 0.7451 | SVS][ MSE = 0.7729 | LCC = 0.8419 | SRCC = 0.8488 ]
[Valid(teacher)][33][UTTT][ AML = 0.273383 | MoV = 0.892751 | VoV = 0.001996 ]
Train: 100% 622/622 [02:32<00:00, 4.08 step/s]
Average loss=-0.43257656534125273
Valid(teacher): 100% 1866/1866 [00:04<00:00, 220.87 step/s]

[Valid(teacher)][34][UTTT][ MSE = 1.1544 | LCC = 0.7235 | SRCC = 0.7441 | SVS][ MSE = 0.7758 | LCC = 0.8414 | SRCC = 0.8457 ]
[Valid(teacher)][34][UTTT][ AML = 0.273839 | MoV = 0.890787 | VoV = 0.002042 ]
Train: 100% 622/622 [02:32<00:00, 4.08 step/s]
Average loss=-0.452476797801694
Valid(teacher): 100% 1866/1866 [00:04<00:00, 224.94 step/s]

[Valid(teacher)][35][UTTT][ MSE = 1.1132 | LCC = 0.7254 | SRCC = 0.7447 | SVS][ MSE = 0.7367 | LCC = 0.8422 | SRCC = 0.8468 ]
[Valid(teacher)][35][UTTT][ AML = 0.286669 | MoV = 0.892834 | VoV = 0.002845 ]
Train: 100% 622/622 [02:33<00:00, 4.05 step/s]
Average loss=-0.427605777978971
Valid(teacher): 100% 1866/1866 [00:04<00:00, 219.86 step/s]

[Valid(teacher)][36][UTTT][ MSE = 1.0981 | LCC = 0.7269 | SRCC = 0.7452 | SVS][ MSE = 0.7227 | LCC = 0.8437 | SRCC = 0.8496 ]
[Valid(teacher)][36][UTTT][ AML = 0.290726 | MoV = 0.891184 | VoV = 0.002822 ]
Train: 100% 622/622 [02:32<00:00, 4.07 step/s]
Average loss=-0.46841214179992676
Valid(teacher): 100% 1866/1866 [00:04<00:00, 230.22 step/s]

[Valid(teacher)][37][UTTT][ MSE = 1.0177 | LCC = 0.7293 | SRCC = 0.7454 | SVS][ MSE = 0.6513 | LCC = 0.8459 | SRCC = 0.8501 ]
[Valid(teacher)][37][UTTT][ AML = 0.316587 | MoV = 0.891975 | VoV = 0.002841 ]
Train: 100% 622/622 [02:32<00:00, 4.08 step/s]
Average loss=-0.46513721346855164
Valid(teacher): 100% 1866/1866 [00:04<00:00, 231.32 step/s]

[Valid(teacher)][38][UTTT][ MSE = 0.9778 | LCC = 0.7311 | SRCC = 0.7456 | SVS][ MSE = 0.6178 | LCC = 0.8494 | SRCC = 0.8529 ]
[Valid(teacher)][38][UTTT][ AML = 0.328433 | MoV = 0.892774 | VoV = 0.001996 ]
Train: 100% 622/622 [02:33<00:00, 4.05 step/s]
Average loss=-0.45858544488329297
Valid(teacher): 100% 1866/1866 [00:04<00:00, 228.39 step/s]

[Valid(teacher)][39][UTTT][ MSE = 0.9493 | LCC = 0.7329 | SRCC = 0.7456 | SVS][ MSE = 0.5935 | LCC = 0.8481 | SRCC = 0.8528 ]
[Valid(teacher)][39][UTTT][ AML = 0.336215 | MoV = 0.890662 | VoV = 0.001957 ]
Train: 100% 622/622 [02:33<00:00, 4.04 step/s]
Average loss=-0.508342364715752
Valid(teacher): 100% 1866/1866 [00:04<00:00, 227.11 step/s]

[Valid(teacher)][40][UTTT][ MSE = 0.9828 | LCC = 0.7383 | SRCC = 0.7442 | SVS][ MSE = 0.6217 | LCC = 0.8485 | SRCC = 0.8536 ]
[Valid(teacher)][40][UTTT][ AML = 0.326815 | MoV = 0.887635 | VoV = 0.001821 ]
Train: 100% 622/622 [02:32<00:00, 4.08 step/s]
Average loss=-0.520780395138075
Valid(teacher): 100% 1866/1866 [00:04<00:00, 223.56 step/s]

[Valid(teacher)][41][UTTT][ MSE = 0.9727 | LCC = 0.7316 | SRCC = 0.7451 | SVS][ MSE = 0.6132 | LCC = 0.8498 | SRCC = 0.8538 ]
[Valid(teacher)][41][UTTT][ AML = 0.320816 | MoV = 0.886826 | VoV = 0.001786 ]
Train: 100% 622/622 [02:32<00:00, 4.07 step/s]
Average loss=-0.5194877491768254
Valid(teacher): 100% 1866/1866 [00:04<00:00, 229.34 step/s]

[Valid(teacher)][42][UTTT][ MSE = 0.9609 | LCC = 0.7331 | SRCC = 0.7459 | SVS][ MSE = 0.6045 | LCC = 0.8508 | SRCC = 0.8547 ]
[Valid(teacher)][42][UTTT][ AML = 0.336277 | MoV = 0.885419 | VoV = 0.001768 ]
Train: 100% 622/622 [02:33<00:00, 4.05 step/s]
Average loss=-0.5182284246528996
Valid(teacher): 100% 1866/1866 [00:04<00:00, 230.46 step/s]

[Valid(teacher)][43][UTTT][ MSE = 0.9188 | LCC = 0.7346 | SRCC = 0.7448 | SVS][ MSE = 0.5588 | LCC = 0.8541 | SRCC = 0.8567 ]
[Valid(teacher)][43][UTTT][ AML = 0.348843 | MoV = 0.886274 | VoV = 0.001816 ]
Train: 100% 622/622 [02:33<00:00, 4.05 step/s]
Average loss=-0.5236451625823975
Valid(teacher): 100% 1866/1866 [00:04<00:00, 227.38 step/s]

[Valid(teacher)][44][UTTT][ MSE = 0.9809 | LCC = 0.7331 | SRCC = 0.7446 | SVS][ MSE = 0.5556 | LCC = 0.8551 | SRCC = 0.8599 ]
[Valid(teacher)][44][UTTT][ AML = 0.350881 | MoV = 0.886836 | VoV = 0.001855 ]
Train: 100% 622/622 [02:34<00:00, 4.04 step/s]
Average loss=-0.539087595554584
Valid(teacher): 100% 1866/1866 [00:04<00:00, 225.18 step/s]

[Valid(teacher)][45][UTTT][ MSE = 0.9845 | LCC = 0.7332 | SRCC = 0.7451 | SVS][ MSE = 0.5528 | LCC = 0.8546 | SRCC = 0.8598 ]
[Valid(teacher)][45][UTTT][ AML = 0.354226 | MoV = 0.884738 | VoV = 0.001823 ]
Train: 100% 622/622 [02:33<00:00, 4.06 step/s]
Average loss=-0.558762586088094
Valid(teacher): 100% 1866/1866 [00:04<00:00, 230.82 step/s]

[Valid(teacher)][46][UTTT][ MSE = 0.8856 | LCC = 0.7343 | SRCC = 0.7459 | SVS][ MSE = 0.5355 | LCC = 0.8548 | SRCC = 0.8599 ]
[Valid(teacher)][46][UTTT][ AML = 0.360188 | MoV = 0.884757 | VoV = 0.001787 ]
Train: 100% 622/622 [02:32<00:00, 4.07 step/s]
Average loss=-0.5528221598995789
Valid(teacher): 100% 1866/1866 [00:04<00:00, 229.77 step/s]

[Valid(teacher)][47][UTTT][ MSE = 0.9580 | LCC = 0.7316 | SRCC = 0.7451 | SVS][ MSE = 0.5953 | LCC = 0.8526 | SRCC = 0.8571 ]
[Valid(teacher)][47][UTTT][ AML = 0.336235 | MoV = 0.881438 | VoV = 0.001782 ]
Train: 100% 622/622 [02:33<00:00, 4.08 step/s]
Average loss=-0.55513596534729
Valid(teacher): 100% 1866/1866 [00:04<00:00, 227.42 step/s]

[Valid(teacher)][48][UTTT][ MSE = 0.9176 | LCC = 0.7338 | SRCC = 0.7455 | SVS][ MSE = 0.5638 | LCC = 0.8544 | SRCC = 0.8597 ]
[Valid(teacher)][48][UTTT][ AML = 0.346575 | MoV = 0.881539 | VoV = 0.001696 ]
Train: 100% 622/622 [02:33<00:00, 4.08 step/s]
Average loss=-0.5472723841667176
Valid(teacher): 100% 1866/1866 [00:04<00:00, 230.62 step/s]

[Valid(teacher)][49][UTTT][ MSE = 0.9432 | LCC = 0.7315 | SRCC = 0.7455 | SVS][ MSE = 0.5885 | LCC = 0.8519 | SRCC = 0.8584 ]
[Valid(teacher)][49][UTTT][ AML = 0.338424 | MoV = 0.885855 | VoV = 0.001528 ]
Train: 100% 622/622 [02:32<00:00, 4.07 step/s]
Average loss=-0.5668895221897414
Valid(teacher): 100% 1866/1866 [00:04<00:00, 229.75 step/s]

[Valid(teacher)][50][UTTT][ MSE = 0.9184 | LCC = 0.7384 | SRCC = 0.7442 | SVS][ MSE = 0.5642 | LCC = 0.8526 | SRCC = 0.8575 ]
[Valid(teacher)][50][UTTT][ AML = 0.348335 | MoV = 0.888473 | VoV = 0.001621 ]
Train: 100% 622/622 [02:33<00:00, 4.06 step/s]
Average loss=-0.5784634189685713
Valid(teacher): 100% 1866/1866 [00:04<00:00, 230.38 step/s]

[Valid(teacher)][51][UTTT][ MSE = 0.8517 | LCC = 0.7336 | SRCC = 0.7453 | SVS][ MSE = 0.5833 | LCC = 0.8564 | SRCC = 0.8608 ]
[Valid(teacher)][51][UTTT][ AML = 0.371933 | MoV = 0.881835 | VoV = 0.001644 ]
Train: 100% 622/622 [02:33<00:00, 4.09 step/s]
Average loss=-0.595281388287759
Valid(teacher): 100% 1866/1866 [00:04<00:00, 218.89 step/s]

[Valid(teacher)][52][UTTT][ MSE = 0.7986 | LCC = 0.7375 | SRCC = 0.7472 | SVS][ MSE = 0.4586 | LCC = 0.8582 | SRCC = 0.8615 ]
[Valid(teacher)][52][UTTT][ AML = 0.391498 | MoV = 0.882898 | VoV = 0.001643 ]
Train: 100% 622/622 [02:32<00:00, 4.05 step/s]
Average loss=-0.60453853818997089
Valid(teacher): 100% 1866/1866 [00:04<00:00, 226.12 step/s]

[Valid(teacher)][53][UTTT][ MSE = 0.8882 | LCC = 0.7371 | SRCC = 0.7467 | SVS][ MSE = 0.4642 | LCC = 0.8597 | SRCC = 0.8634 ]
[Valid(teacher)][53][UTTT][ AML = 0.389688 | MoV = 0.888871 | VoV = 0.001634 ]
Train: 100% 622/622 [02:33<00:00, 4.10 step/s]
Average loss=-0.5999584923828496
Valid(teacher): 100% 1866/1866 [00:04<00:00, 230.65 step/s]

[Valid(teacher)][54][UTTT][ MSE = 0.8225 | LCC = 0.7351 | SRCC = 0.7457 | SVS][ MSE = 0.4743 | LCC = 0.8598 | SRCC = 0.8637 ]
[Valid(teacher)][54][UTTT][ AML = 0.387574 | MoV = 0.879863 | VoV = 0.001687 ]
Train: 100% 622/622 [02:33<00:00, 4.04 step/s]
Average loss=-0.5624782572822571
Valid(teacher): 100% 1866/1866 [00:04<00:00, 220.80 step/s]

[Valid(teacher)][55][UTTT][ MSE = 0.7579 | LCC = 0.7485 | SRCC = 0.7483 | SVS][ MSE = 0.4211 | LCC = 0.8646 | SRCC = 0.8638 ]
[Valid(teacher)][55][UTTT][ AML = 0.411398 | MoV = 0.881258 | VoV = 0.001685 ]
Train: 100% 622/622 [02:33<00:00, 4.06 step/s]
Average loss=-0.606897291480647
Valid(teacher): 100% 1866/1866 [00:04<00:00, 227.38 step/s]

[Valid(teacher)][56][UTTT][ MSE = 0.7219 | LCC = 0.7434 | SRCC = 0.7509 | SVS][ MSE = 0.3937 | LCC = 0.8654 | SRCC = 0.8652 ]
[Valid(teacher)][56][UTTT][ AML = 0.426642 | MoV = 0.881349 | VoV = 0.001566 ]
Train: 100% 622/622 [02:34<00:00, 4.03 step/s]
Average loss=-0.620769083499084
Valid(teacher): 100% 1866/1866 [00:04<00:00, 229.80 step/s]

[Valid(teacher)][57][UTTT][ MSE = 0.7259 | LCC = 0.7438 | SRCC = 0.7502 | SVS][ MSE = 0.3942 | LCC = 0.8678 | SRCC = 0.8668 ]
[Valid(teacher)][57][UTTT][ AML = 0.422851 | MoV = 0.888821 | VoV = 0.001590 ]
Train: 100% 622/622 [02:32<00:00, 4.07 step/s]
Average loss=-0.6394473918311726
Valid(teacher): 100% 1866/1866 [00:04<00:00, 228.99 step/s]

[Valid(teacher)][58][UTTT][ MSE = 0.7804 | LCC = 0.7441 | SRCC = 0.7507 | SVS][ MSE = 0.3746 | LCC = 0.8672 | SRCC = 0.8672 ]
[Valid(teacher)][58][UTTT][ AML = 0.436276 | MoV = 0.888859 | VoV = 0.001534 ]
Train: 100% 622/622 [02:32<00:00, 4.10 step/s]
Average loss=-0.6318786734657288
Valid(teacher): 100% 1866/1866 [00:04<00:00, 227.68 step/s]

[Valid(teacher)][59][UTTT][ MSE = 0.6596 | LCC = 0.7487 | SRCC = 0.7537 | SVS][ MSE = 0.3415 | LCC = 0.8713 | SRCC = 0.8715 ]
[Valid(teacher)][59][UTTT][ AML = 0.458457 | MoV = 0.888718 | VoV = 0.001525 ]
Train: 100% 622/622 [02:33<00:00, 4.05 step/s]
Average loss=-0.6142625212669373
Valid(teacher): 100% 1866/1866 [00:04<00:00, 225.34 step/s]

[Valid(teacher)][60][UTTT][ MSE = 0.6738 | LCC = 0.7474 | SRCC = 0.7529 | SVS][ MSE = 0.3517 | LCC = 0.8788 | SRCC = 0.8788 ]
[Valid(teacher)][60][UTTT][ AML = 0.444489 | MoV = 0.878784 | VoV = 0.001559 ]
Best model performance test:
Test(best): 0% 0/1866 [00:00<?, ? step/s]/home/x_xilian/.conda/envs/lyqyuu/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:598.)
result = _VF.list(input, hx, self, FlatWeights, self.bias, self.num_layers,
Test(best): 100% 1866/1866 [00:04<00:00, 218.28 step/s]

[Test(best)][61][UTTT][ MSE = 0.7378 | LCC = 0.7477 | SRCC = 0.7583 | SVS][ MSE = 0.5534 | LCC = 0.8658 | SRCC = 0.8674 ]
[Test(best)][61][UTTT][ AML = 0.444854 | MoV = 0.879643 | VoV = 0.001566 ]
(lyqyuu) [x_xilian@node858 DeePMOS]$
```