

```
(!xypu) [x_xian@node003 DeepMOS$ python train.py --lamb_c=2 --lamb_t=0 --dataset 'bvcc' --data_path '../BVCC/DATA/' --id_table '../BVCC/id_table/' --save_path'runs/bvcc/c2/run1/'
Train: 100% 622/622 [02:36<00:00, 3.98 step/s]
Average loss=0.420.0910809075
Valid(teacher): 100% 1866/1866 [00:05<00:00, 194.55 step/s]

[Valid(teacher)][0][UTTT] MSE = 2.6479 | LCC = 0.4574 | SRCC = 0.4527 | [SYS][ MSE = 2.2078 | LCC = 0.6128 | SRCC = 0.6859 ]
[Valid(teacher)][0][UTTT] AML = 0.180468 | Mov = 1.002759 | VoV = 0.029067 ]
Train: 100% 622/622 [02:33<00:00, 4.05 step/s]
Average loss=0.76147363055991
Valid(teacher): 100% 1866/1866 [00:04<00:00, 222.19 step/s]

[Valid(teacher)][1][UTTT] MSE = 0.7407 | LCC = 0.6969 | SRCC = 0.6037 | [SYS][ MSE = 0.5318 | LCC = 0.7090 | SRCC = 0.7069 ]
[Valid(teacher)][1][UTTT] AML = 0.295733 | Mov = 1.160264 | VoV = 0.074216 ]
Train: 100% 622/622 [02:33<00:00, 4.06 step/s]
Average loss=0.5453518629074097
Valid(teacher): 100% 1866/1866 [00:04<00:00, 222.22 step/s]

[Valid(teacher)][2][UTTT] MSE = 1.2972 | LCC = 0.6751 | SRCC = 0.6792 | [SYS][ MSE = 0.9955 | LCC = 0.8003 | SRCC = 0.8031 ]
[Valid(teacher)][2][UTTT] AML = 0.270804 | Mov = 0.481452 | VoV = 0.060946 ]
Train: 100% 622/622 [02:33<00:00, 4.05 step/s]
Average loss=0.41129030479621807
Valid(teacher): 100% 1866/1866 [00:04<00:00, 221.84 step/s]

[Valid(teacher)][3][UTTT] MSE = 2.1797 | LCC = 0.6838 | SRCC = 0.6944 | [SYS][ MSE = 1.8053 | LCC = 0.8145 | SRCC = 0.8182 ]
[Valid(teacher)][3][UTTT] AML = 0.130437 | Mov = 0.245433 | VoV = 0.010121 ]
Train: 100% 622/622 [02:33<00:00, 4.06 step/s]
Average loss=0.3236027223406175
Valid(teacher): 100% 1866/1866 [00:05<00:00, 210.89 step/s]

[Valid(teacher)][4][UTTT] MSE = 1.8977 | LCC = 0.4853 | SRCC = 0.7163 | [SYS] MSE = 1.5452 | LCC = 0.8170 | SRCC = 0.8409 ]
[Valid(teacher)][4][UTTT] AML = 0.170300 | Mov = 0.222491 | VoV = 0.012170 ]
Train: 100% 622/622 [02:33<00:00, 4.06 step/s]
Average loss=0.2724464765950557
Valid(teacher): 100% 1866/1866 [00:04<00:00, 214.69 step/s]

[Valid(teacher)][5][UTTT] MSE = 1.7901 | LCC = 0.6881 | SRCC = 0.7200 | [SYS][ MSE = 1.4439 | LCC = 0.8170 | SRCC = 0.8447 ]
[Valid(teacher)][5][UTTT] AML = 0.182717 | Mov = 0.225302 | VoV = 0.012319 ]
Train: 100% 622/622 [02:33<00:00, 4.05 step/s]
Average loss=0.2453099056815556
Valid(teacher): 100% 1866/1866 [00:04<00:00, 214.55 step/s]

[Valid(teacher)][6][UTTT] MSE = 1.7979 | LCC = 0.6876 | SRCC = 0.7220 | [SYS][ MSE = 1.4476 | LCC = 0.8191 | SRCC = 0.8499 ]
[Valid(teacher)][6][UTTT] AML = 0.180046 | Mov = 0.215949 | VoV = 0.011005 ]
Train: 100% 622/622 [02:33<00:00, 4.06 step/s]
Average loss=0.2128478804696004
Valid(teacher): 100% 1866/1866 [00:04<00:00, 220.94 step/s]

[Valid(teacher)][7][UTTT] MSE = 1.7509 | LCC = 0.6833 | SRCC = 0.7207 | [SYS][ MSE = 1.4029 | LCC = 0.8177 | SRCC = 0.8516 ]
[Valid(teacher)][7][UTTT] AML = 0.187773 | Mov = 0.205823 | VoV = 0.010948 ]
Train: 100% 622/622 [02:32<00:00, 4.07 step/s]
Average loss=0.1834123432636261
Valid(teacher): 100% 1866/1866 [00:04<00:00, 221.92 step/s]

[Valid(teacher)][8][UTTT] MSE = 1.7104 | LCC = 0.6830 | SRCC = 0.7216 | [SYS][ MSE = 1.3668 | LCC = 0.8173 | SRCC = 0.8525 ]
[Valid(teacher)][8][UTTT] AML = 0.170303 | Mov = 0.195650 | VoV = 0.010294 ]
Train: 100% 622/622 [02:32<00:00, 4.09 step/s]
Average loss=0.15664053359080514
Valid(teacher): 100% 1866/1866 [00:04<00:00, 221.84 step/s]

[Valid(teacher)][9][UTTT] MSE = 1.7759 | LCC = 0.6792 | SRCC = 0.7220 | [SYS][ MSE = 1.4316 | LCC = 0.8143 | SRCC = 0.8510 ]
[Valid(teacher)][9][UTTT] AML = 0.185045 | Mov = 0.173956 | VoV = 0.008795 ]
Train: 100% 622/622 [02:33<00:00, 4.06 step/s]
Average loss=0.1297784006053147
Valid(teacher): 100% 1866/1866 [00:04<00:00, 220.07 step/s]

[Valid(teacher)][10][UTTT] MSE = 1.8246 | LCC = 0.6700 | SRCC = 0.7221 | [SYS][ MSE = 1.4824 | LCC = 0.8113 | SRCC = 0.8471 ]
[Valid(teacher)][10][UTTT] AML = 0.179255 | Mov = 0.165302 | VoV = 0.007560 ]
Train: 100% 622/622 [02:33<00:00, 4.04 step/s]
Average loss=0.111440460215053
Valid(teacher): 100% 1866/1866 [00:04<00:00, 219.81 step/s]

[Valid(teacher)][11][UTTT] MSE = 1.6811 | LCC = 0.6860 | SRCC = 0.7240 | [SYS][ MSE = 1.3477 | LCC = 0.8160 | SRCC = 0.8476 ]
[Valid(teacher)][11][UTTT] AML = 0.199955 | Mov = 0.165424 | VoV = 0.007415 ]
Train: 100% 622/622 [02:33<00:00, 4.06 step/s]
Average loss=0.0823722107843762
Valid(teacher): 100% 1866/1866 [00:04<00:00, 217.21 step/s]

[Valid(teacher)][12][UTTT] MSE = 1.6954 | LCC = 0.6843 | SRCC = 0.7234 | [SYS][ MSE = 1.3651 | LCC = 0.8091 | SRCC = 0.8402 ]
[Valid(teacher)][12][UTTT] AML = 0.190978 | Mov = 0.156425 | VoV = 0.006554 ]
Train: 100% 622/622 [02:33<00:00, 4.07 step/s]
Average loss=0.05994931608438492
Valid(teacher): 100% 1866/1866 [00:04<00:00, 219.97 step/s]

[Valid(teacher)][13][UTTT] MSE = 1.6990 | LCC = 0.6839 | SRCC = 0.7227 | [SYS][ MSE = 1.3702 | LCC = 0.8046 | SRCC = 0.8365 ]
[Valid(teacher)][13][UTTT] AML = 0.192303 | Mov = 0.149170 | VoV = 0.005847 ]
Train: 100% 622/622 [02:32<00:00, 4.07 step/s]
Average loss=0.04206350471037674
Valid(teacher): 100% 1866/1866 [00:04<00:00, 220.21 step/s]

[Valid(teacher)][14][UTTT] MSE = 1.6919 | LCC = 0.6877 | SRCC = 0.7243 | [SYS][ MSE = 1.3658 | LCC = 0.8021 | SRCC = 0.8371 ]
[Valid(teacher)][14][UTTT] AML = 0.190402 | Mov = 0.143764 | VoV = 0.005473 ]
Train: 100% 622/622 [02:33<00:00, 4.05 step/s]
Average loss=0.0747005452772831
Valid(teacher): 100% 1866/1866 [00:04<00:00, 220.41 step/s]

[Valid(teacher)][15][UTTT] MSE = 1.6261 | LCC = 0.6945 | SRCC = 0.7278 | [SYS][ MSE = 1.3046 | LCC = 0.8037 | SRCC = 0.8354 ]
[Valid(teacher)][15][UTTT] AML = 0.206156 | Mov = 0.139771 | VoV = 0.005120 ]
Train: 100% 622/622 [02:33<00:00, 4.06 step/s]
Average loss=0.000564205258042473
Valid(teacher): 100% 1866/1866 [00:04<00:00, 221.94 step/s]

[Valid(teacher)][16][UTTT] MSE = 1.5972 | LCC = 0.7002 | SRCC = 0.7299 | [SYS][ MSE = 1.2765 | LCC = 0.8000 | SRCC = 0.8302 ]
[Valid(teacher)][16][UTTT] AML = 0.200912 | Mov = 0.135155 | VoV = 0.004726 ]
Train: 100% 622/622 [02:33<00:00, 4.06 step/s]
Average loss=0.021037700051422234
Valid(teacher): 100% 1866/1866 [00:04<00:00, 220.68 step/s]

[Valid(teacher)][17][UTTT] MSE = 1.5795 | LCC = 0.7011 | SRCC = 0.7296 | [SYS][ MSE = 1.2505 | LCC = 0.8041 | SRCC = 0.8356 ]
[Valid(teacher)][17][UTTT] AML = 0.210623 | Mov = 0.130006 | VoV = 0.004338 ]
Train: 100% 622/622 [02:34<00:00, 4.03 step/s]
Average loss=0.04490927132987976
Valid(teacher): 100% 1866/1866 [00:04<00:00, 218.58 step/s]

[Valid(teacher)][18][UTTT] MSE = 1.5806 | LCC = 0.7018 | SRCC = 0.7296 | [SYS][ MSE = 1.2508 | LCC = 0.8033 | SRCC = 0.8336 ]
[Valid(teacher)][18][UTTT] AML = 0.200952 | Mov = 0.123204 | VoV = 0.003937 ]
Train: 100% 622/622 [02:33<00:00, 4.05 step/s]
Average loss=0.03590092255306244
Valid(teacher): 100% 1866/1866 [00:04<00:00, 221.05 step/s]

[Valid(teacher)][19][UTTT] MSE = 1.5525 | LCC = 0.7010 | SRCC = 0.7276 | [SYS][ MSE = 1.2324 | LCC = 0.8012 | SRCC = 0.8305 ]
[Valid(teacher)][19][UTTT] AML = 0.210492 | Mov = 0.119091 | VoV = 0.003504 ]
Train: 100% 622/622 [02:34<00:00, 4.03 step/s]
Average loss=0.07038758026255798
Valid(teacher): 100% 1866/1866 [00:04<00:00, 215.95 step/s]

[Valid(teacher)][20][UTTT] MSE = 1.4502 | LCC = 0.7046 | SRCC = 0.7202 | [SYS][ MSE = 1.1329 | LCC = 0.8035 | SRCC = 0.8297 ]
[Valid(teacher)][20][UTTT] AML = 0.232074 | Mov = 0.117525 | VoV = 0.003306 ]
Train: 100% 622/622 [02:32<00:00, 4.07 step/s]
Average loss=0.0095913900351219
Valid(teacher): 100% 1866/1866 [00:04<00:00, 218.36 step/s]

[Valid(teacher)][21][UTTT] MSE = 1.3661 | LCC = 0.7125 | SRCC = 0.7320 | [SYS][ MSE = 1.0520 | LCC = 0.8115 | SRCC = 0.8331 ]
[Valid(teacher)][21][UTTT] AML = 0.246089 | Mov = 0.116911 | VoV = 0.003407 ]
Train: 100% 622/622 [02:33<00:00, 4.05 step/s]
Average loss=0.190757003504023
Valid(teacher): 100% 1866/1866 [00:04<00:00, 219.80 step/s]

[Valid(teacher)][22][UTTT] MSE = 1.3294 | LCC = 0.7190 | SRCC = 0.7370 | [SYS][ MSE = 1.0106 | LCC = 0.8162 | SRCC = 0.8355 ]
[Valid(teacher)][22][UTTT] AML = 0.252160 | Mov = 0.114572 | VoV = 0.003005 ]
Train: 100% 622/622 [02:32<00:00, 4.07 step/s]
Average loss=0.0990771052215570
Valid(teacher): 100% 1866/1866 [00:04<00:00, 221.55 step/s]

[Valid(teacher)][23][UTTT] MSE = 1.2874 | LCC = 0.7259 | SRCC = 0.7420 | [SYS][ MSE = 0.9798 | LCC = 0.8240 | SRCC = 0.8415 ]
[Valid(teacher)][23][UTTT] AML = 0.257074 | Mov = 0.112842 | VoV = 0.003256 ]
Train: 100% 622/622 [02:34<00:00, 4.04 step/s]
Average loss=0.142203226405524
Valid(teacher): 100% 1866/1866 [00:04<00:00, 218.58 step/s]

[Valid(teacher)][24][UTTT] MSE = 1.1503 | LCC = 0.7391 | SRCC = 0.7517 | [SYS][ MSE = 0.8542 | LCC = 0.8374 | SRCC = 0.8504 ]
[Valid(teacher)][24][UTTT] AML = 0.204919 | Mov = 0.113460 | VoV = 0.003351 ]
Train: 100% 622/622 [02:33<00:00, 4.06 step/s]
Average loss=0.1498306989607998
Valid(teacher): 100% 1866/1866 [00:04<00:00, 220.81 step/s]

[Valid(teacher)][25][UTTT] MSE = 1.1244 | LCC = 0.7414 | SRCC = 0.7541 | [SYS][ MSE = 0.8307 | LCC = 0.8403 | SRCC = 0.8539 ]
[Valid(teacher)][25][UTTT] AML = 0.250300 | Mov = 0.110609 | VoV = 0.003200 ]
Train: 100% 622/622 [02:33<00:00, 4.06 step/s]
Average loss=0.1508614503015442
Valid(teacher): 100% 1866/1866 [00:04<00:00, 214.00 step/s]

[Valid(teacher)][26][UTTT] MSE = 1.0563 | LCC = 0.7446 | SRCC = 0.7577 | [SYS][ MSE = 0.7649 | LCC = 0.8450 | SRCC = 0.8564 ]
[Valid(teacher)][26][UTTT] AML = 0.311910 | Mov = 0.109990 | VoV = 0.003113 ]
Train: 100% 622/622 [02:33<00:00, 4.04 step/s]
Average loss=0.1709042160622162
Valid(teacher): 100% 1866/1866 [00:04<00:00, 220.39 step/s]

[Valid(teacher)][27][UTTT] MSE = 0.9904 | LCC = 0.7519 | SRCC = 0.7611 | [SYS][ MSE = 0.7046 | LCC = 0.8493 | SRCC = 0.8508 ]
[Valid(teacher)][27][UTTT] AML = 0.330174 | Mov = 0.109610 | VoV = 0.003030 ]
Train: 100% 622/622 [02:33<00:00, 4.05 step/s]
Average loss=0.154204040100087
Valid(teacher): 100% 1866/1866 [00:04<00:00, 213.05 step/s]

[Valid(teacher)][28][UTTT] MSE = 1.0301 | LCC = 0.7499 | SRCC = 0.7602 | [SYS][ MSE = 0.7435 | LCC = 0.8457 | SRCC = 0.8559 ]
[Valid(teacher)][28][UTTT] AML = 0.310944 | Mov = 0.105223 | VoV = 0.002752 ]
Train: 100% 622/622 [02:33<00:00, 4.04 step/s]
Average loss=0.207062229514122
Valid(teacher): 100% 1866/1866 [00:04<00:00, 221.11 step/s]

[Valid(teacher)][29][UTTT] MSE = 0.9551 | LCC = 0.7554 | SRCC = 0.7636 | [SYS][ MSE = 0.6743 | LCC = 0.8525 | SRCC = 0.8600 ]
[Valid(teacher)][29][UTTT] AML = 0.342675 | Mov = 0.106334 | VoV = 0.002752 ]
Train: 100% 622/622 [02:32<00:00, 4.07 step/s]
Average loss=0.20040154457092205
Valid(teacher): 100% 1866/1866 [00:04<00:00, 210.07 step/s]

[Valid(teacher)][30][UTTT] MSE = 0.9852 | LCC = 0.7511 | SRCC = 0.7604 | [SYS][ MSE = 0.6903 | LCC = 0.8492 | SRCC = 0.8574 ]
[Valid(teacher)][30][UTTT] AML = 0.330350 | Mov = 0.102915 | VoV = 0.002595 ]
Train: 100% 622/622 [02:33<00:00, 4.05 step/s]
Average loss=0.2108694643020603
Valid(teacher): 100% 1866/1866 [00:04<00:00, 218.20 step/s]

[Valid(teacher)][31][UTTT] MSE = 0.9522 | LCC = 0.7545 | SRCC = 0.7626 | [SYS][ MSE = 0.6649 | LCC = 0.8535 | SRCC = 0.8582 ]
[Valid(teacher)][31][UTTT] AML = 0.344495 | Mov = 0.101072 | VoV = 0.002596 ]
Train: 100% 622/622 [02:32<00:00, 4.07 step/s]
Average loss=0.242614700024047
Valid(teacher): 100% 1866/1866 [00:04<00:00, 220.54 step/s]

[Valid(teacher)][32][UTTT] MSE = 0.9516 | LCC = 0.7547 | SRCC = 0.7623 | [SYS][ MSE = 0.6648 | LCC = 0.8545 | SRCC = 0.8600 ]
[Valid(teacher)][32][UTTT] AML = 0.344424 | Mov = 0.099431 | VoV = 0.002499 ]
```

```
Train: 100% 622/622 [02:33<00:00, 4.06 step/s]
Average loss=-0.12248818576335907
Valid(teacher): 100% 1866/1866 [00:04<00:00, 218.84 step/s]

[Valid(teacher)][33][UTTT][ MSE = 0.9772 | LCC = 0.7643 | SRCC = 0.7619 | [SYS][ MSE = 0.6897 | LCC = 0.8546 | SRCC = 0.8605 ]
[Valid(teacher)][33][UTTT][ AML = 0.334335 | MoV = 0.897298 | VoV = 0.002336 ]
Train: 100% 622/622 [02:33<00:00, 4.06 step/s]
Average loss=-0.282786654584645
Valid(teacher): 100% 1866/1866 [00:05<00:00, 212.58 step/s]

[Valid(teacher)][34][UTTT][ MSE = 0.9154 | LCC = 0.7588 | SRCC = 0.7653 | [SYS][ MSE = 0.6334 | LCC = 0.8598 | SRCC = 0.8645 ]
[Valid(teacher)][34][UTTT][ AML = 0.355780 | MoV = 0.897464 | VoV = 0.002351 ]
Train: 100% 622/622 [02:34<00:00, 4.04 step/s]
Average loss=-0.29499448418616
Valid(teacher): 100% 1866/1866 [00:04<00:00, 215.72 step/s]

[Valid(teacher)][35][UTTT][ MSE = 0.9152 | LCC = 0.7597 | SRCC = 0.7644 | [SYS][ MSE = 0.6305 | LCC = 0.8620 | SRCC = 0.8661 ]
[Valid(teacher)][35][UTTT][ AML = 0.354968 | MoV = 0.894915 | VoV = 0.002275 ]
Train: 100% 622/622 [02:34<00:00, 4.04 step/s]
Average loss=-0.304308864179532
Valid(teacher): 100% 1866/1866 [00:05<00:00, 212.46 step/s]

[Valid(teacher)][36][UTTT][ MSE = 0.8956 | LCC = 0.7614 | SRCC = 0.7677 | [SYS][ MSE = 0.6123 | LCC = 0.8637 | SRCC = 0.8683 ]
[Valid(teacher)][36][UTTT][ AML = 0.361881 | MoV = 0.892658 | VoV = 0.002144 ]
Train: 100% 622/622 [02:35<00:00, 4.00 step/s]
Average loss=-0.32340720295906867
Valid(teacher): 100% 1866/1866 [00:04<00:00, 218.52 step/s]

[Valid(teacher)][37][UTTT][ MSE = 0.8314 | LCC = 0.7641 | SRCC = 0.7690 | [SYS][ MSE = 0.5538 | LCC = 0.8640 | SRCC = 0.8689 ]
[Valid(teacher)][37][UTTT][ AML = 0.388640 | MoV = 0.892647 | VoV = 0.002143 ]
Train: 100% 622/622 [02:35<00:00, 4.05 step/s]
Average loss=-0.31635192836628723
Valid(teacher): 100% 1866/1866 [00:04<00:00, 220.30 step/s]

[Valid(teacher)][38][UTTT][ MSE = 0.7686 | LCC = 0.7681 | SRCC = 0.7714 | [SYS][ MSE = 0.4923 | LCC = 0.8694 | SRCC = 0.8721 ]
[Valid(teacher)][38][UTTT][ AML = 0.415335 | MoV = 0.893735 | VoV = 0.002179 ]
Train: 100% 622/622 [02:35<00:00, 4.06 step/s]
Average loss=-0.3382846949292834
Valid(teacher): 100% 1866/1866 [00:04<00:00, 221.16 step/s]

[Valid(teacher)][39][UTTT][ MSE = 0.7652 | LCC = 0.7678 | SRCC = 0.7711 | [SYS][ MSE = 0.4958 | LCC = 0.8681 | SRCC = 0.8700 ]
[Valid(teacher)][39][UTTT][ AML = 0.415194 | MoV = 0.891635 | VoV = 0.002076 ]
Train: 100% 622/622 [02:35<00:00, 4.05 step/s]
Average loss=-0.334768780596784
Valid(teacher): 100% 1866/1866 [00:04<00:00, 218.14 step/s]

[Valid(teacher)][40][UTTT][ MSE = 0.7315 | LCC = 0.7782 | SRCC = 0.7726 | [SYS][ MSE = 0.4608 | LCC = 0.8740 | SRCC = 0.8758 ]
[Valid(teacher)][40][UTTT][ AML = 0.430111 | MoV = 0.892643 | VoV = 0.002105 ]
Train: 100% 622/622 [02:35<00:00, 4.03 step/s]
Average loss=-0.3480641967742428
Valid(teacher): 100% 1866/1866 [00:04<00:00, 215.87 step/s]

[Valid(teacher)][41][UTTT][ MSE = 0.6669 | LCC = 0.7741 | SRCC = 0.7756 | [SYS][ MSE = 0.4041 | LCC = 0.8779 | SRCC = 0.8793 ]
[Valid(teacher)][41][UTTT][ AML = 0.460274 | MoV = 0.893702 | VoV = 0.002122 ]
Train: 100% 622/622 [02:35<00:00, 4.05 step/s]
Average loss=-0.3628943860530853
Valid(teacher): 100% 1866/1866 [00:04<00:00, 220.46 step/s]

[Valid(teacher)][42][UTTT][ MSE = 0.6884 | LCC = 0.7733 | SRCC = 0.7749 | [SYS][ MSE = 0.4231 | LCC = 0.8765 | SRCC = 0.8778 ]
[Valid(teacher)][42][UTTT][ AML = 0.456077 | MoV = 0.891259 | VoV = 0.001994 ]
Train: 100% 622/622 [02:35<00:00, 4.05 step/s]
Average loss=-0.36755385994911194
Valid(teacher): 100% 1866/1866 [00:04<00:00, 222.79 step/s]

[Valid(teacher)][43][UTTT][ MSE = 0.6945 | LCC = 0.7731 | SRCC = 0.7744 | [SYS][ MSE = 0.4283 | LCC = 0.8766 | SRCC = 0.8778 ]
[Valid(teacher)][43][UTTT][ AML = 0.445175 | MoV = 0.893735 | VoV = 0.001901 ]
Train: 100% 622/622 [02:35<00:00, 4.06 step/s]
Average loss=-0.3874462842942834
Valid(teacher): 100% 1866/1866 [00:04<00:00, 220.40 step/s]

[Valid(teacher)][44][UTTT][ MSE = 0.6429 | LCC = 0.7753 | SRCC = 0.7763 | [SYS][ MSE = 0.3994 | LCC = 0.8804 | SRCC = 0.8816 ]
[Valid(teacher)][44][UTTT][ AML = 0.465685 | MoV = 0.889073 | VoV = 0.001937 ]
Train: 100% 622/622 [02:35<00:00, 4.05 step/s]
Average loss=-0.3938259581695415
Valid(teacher): 100% 1866/1866 [00:04<00:00, 214.47 step/s]

[Valid(teacher)][45][UTTT][ MSE = 0.6523 | LCC = 0.7758 | SRCC = 0.7768 | [SYS][ MSE = 0.3887 | LCC = 0.8817 | SRCC = 0.8830 ]
[Valid(teacher)][45][UTTT][ AML = 0.471003 | MoV = 0.888680 | VoV = 0.001886 ]
Train: 100% 622/622 [02:35<00:00, 4.05 step/s]
Average loss=-0.392976908758075
Valid(teacher): 100% 1866/1866 [00:04<00:00, 222.81 step/s]

[Valid(teacher)][46][UTTT][ MSE = 0.6812 | LCC = 0.7738 | SRCC = 0.7751 | [SYS][ MSE = 0.4135 | LCC = 0.8811 | SRCC = 0.8836 ]
[Valid(teacher)][46][UTTT][ AML = 0.458161 | MoV = 0.887013 | VoV = 0.001783 ]
Train: 100% 622/622 [02:35<00:00, 4.05 step/s]
Average loss=-0.4218880696773529
Valid(teacher): 100% 1866/1866 [00:04<00:00, 221.99 step/s]

[Valid(teacher)][47][UTTT][ MSE = 0.6715 | LCC = 0.7764 | SRCC = 0.7772 | [SYS][ MSE = 0.4063 | LCC = 0.8833 | SRCC = 0.8857 ]
[Valid(teacher)][47][UTTT][ AML = 0.461117 | MoV = 0.886076 | VoV = 0.001779 ]
Train: 100% 622/622 [02:35<00:00, 4.05 step/s]
Average loss=-0.4192999085317688
Valid(teacher): 100% 1866/1866 [00:04<00:00, 220.46 step/s]

[Valid(teacher)][48][UTTT][ MSE = 0.6605 | LCC = 0.7773 | SRCC = 0.7785 | [SYS][ MSE = 0.3908 | LCC = 0.8836 | SRCC = 0.8863 ]
[Valid(teacher)][48][UTTT][ AML = 0.467347 | MoV = 0.885309 | VoV = 0.001735 ]
Train: 100% 622/622 [02:35<00:00, 4.05 step/s]
Average loss=-0.438598347892761
Valid(teacher): 100% 1866/1866 [00:04<00:00, 221.24 step/s]

[Valid(teacher)][49][UTTT][ MSE = 0.6265 | LCC = 0.7788 | SRCC = 0.7791 | [SYS][ MSE = 0.3667 | LCC = 0.8851 | SRCC = 0.8867 ]
[Valid(teacher)][49][UTTT][ AML = 0.485150 | MoV = 0.885282 | VoV = 0.001749 ]
Train: 100% 622/622 [02:35<00:00, 4.04 step/s]
Average loss=-0.436818795828125
Valid(teacher): 100% 1866/1866 [00:04<00:00, 221.11 step/s]

[Valid(teacher)][50][UTTT][ MSE = 0.6087 | LCC = 0.7800 | SRCC = 0.7806 | [SYS][ MSE = 0.3528 | LCC = 0.8844 | SRCC = 0.8861 ]
[Valid(teacher)][50][UTTT][ AML = 0.490797 | MoV = 0.884859 | VoV = 0.001702 ]
Train: 100% 622/622 [02:32<00:00, 4.07 step/s]
Average loss=-0.44035823302902184
Valid(teacher): 100% 1866/1866 [00:05<00:00, 211.67 step/s]

[Valid(teacher)][51][UTTT][ MSE = 0.6070 | LCC = 0.7805 | SRCC = 0.7807 | [SYS][ MSE = 0.3503 | LCC = 0.8855 | SRCC = 0.8867 ]
[Valid(teacher)][51][UTTT][ AML = 0.490280 | MoV = 0.884175 | VoV = 0.001678 ]
Train: 100% 622/622 [02:35<00:00, 4.05 step/s]
Average loss=-0.4487699513453344
Valid(teacher): 100% 1866/1866 [00:05<00:00, 212.59 step/s]

[Valid(teacher)][52][UTTT][ MSE = 0.5823 | LCC = 0.7820 | SRCC = 0.7819 | [SYS][ MSE = 0.3287 | LCC = 0.8872 | SRCC = 0.8878 ]
[Valid(teacher)][52][UTTT][ AML = 0.501122 | MoV = 0.884364 | VoV = 0.001677 ]
Train: 100% 622/622 [02:35<00:00, 4.07 step/s]
Average loss=-0.45281346278190613
Valid(teacher): 100% 1866/1866 [00:04<00:00, 222.87 step/s]

[Valid(teacher)][53][UTTT][ MSE = 0.5874 | LCC = 0.7826 | SRCC = 0.7829 | [SYS][ MSE = 0.3358 | LCC = 0.8864 | SRCC = 0.8868 ]
[Valid(teacher)][53][UTTT][ AML = 0.499183 | MoV = 0.883317 | VoV = 0.001619 ]
Train: 100% 622/622 [02:35<00:00, 4.03 step/s]
Average loss=-0.4749709665775299
Valid(teacher): 100% 1866/1866 [00:04<00:00, 213.73 step/s]

[Valid(teacher)][54][UTTT][ MSE = 0.6041 | LCC = 0.7817 | SRCC = 0.7824 | [SYS][ MSE = 0.3499 | LCC = 0.8865 | SRCC = 0.8877 ]
[Valid(teacher)][54][UTTT][ AML = 0.490405 | MoV = 0.881664 | VoV = 0.001576 ]
Train: 100% 622/622 [02:32<00:00, 4.08 step/s]
Average loss=-0.484851215924658
Valid(teacher): 100% 1866/1866 [00:04<00:00, 216.87 step/s]

[Valid(teacher)][55][UTTT][ MSE = 0.5709 | LCC = 0.7831 | SRCC = 0.7829 | [SYS][ MSE = 0.3217 | LCC = 0.8875 | SRCC = 0.8879 ]
[Valid(teacher)][55][UTTT][ AML = 0.516422 | MoV = 0.885797 | VoV = 0.001552 ]
Train: 100% 622/622 [02:33<00:00, 4.04 step/s]
Average loss=-0.4937839974097766
Valid(teacher): 100% 1866/1866 [00:04<00:00, 221.26 step/s]

[Valid(teacher)][56][UTTT][ MSE = 0.5595 | LCC = 0.7835 | SRCC = 0.7833 | [SYS][ MSE = 0.3117 | LCC = 0.8883 | SRCC = 0.8875 ]
[Valid(teacher)][56][UTTT][ AML = 0.513799 | MoV = 0.881310 | VoV = 0.001516 ]
Train: 100% 622/622 [02:32<00:00, 4.07 step/s]
Average loss=-0.5059938165200009
Valid(teacher): 100% 1866/1866 [00:04<00:00, 222.68 step/s]

[Valid(teacher)][57][UTTT][ MSE = 0.5522 | LCC = 0.7836 | SRCC = 0.7833 | [SYS][ MSE = 0.3040 | LCC = 0.8901 | SRCC = 0.8895 ]
[Valid(teacher)][57][UTTT][ AML = 0.518654 | MoV = 0.880708 | VoV = 0.001511 ]
Train: 100% 622/622 [02:32<00:00, 4.08 step/s]
Average loss=-0.5175566189811707
Valid(teacher): 100% 1866/1866 [00:04<00:00, 216.82 step/s]

[Valid(teacher)][58][UTTT][ MSE = 0.5527 | LCC = 0.7837 | SRCC = 0.7830 | [SYS][ MSE = 0.3046 | LCC = 0.8902 | SRCC = 0.8887 ]
[Valid(teacher)][58][UTTT][ AML = 0.518318 | MoV = 0.879744 | VoV = 0.001493 ]
Train: 100% 622/622 [02:34<00:00, 4.04 step/s]
Average loss=-0.5052583347396051
Valid(teacher): 100% 1866/1866 [00:04<00:00, 218.12 step/s]

[Valid(teacher)][59][UTTT][ MSE = 0.5464 | LCC = 0.7835 | SRCC = 0.7824 | [SYS][ MSE = 0.3009 | LCC = 0.8902 | SRCC = 0.8889 ]
[Valid(teacher)][59][UTTT][ AML = 0.520244 | MoV = 0.879438 | VoV = 0.001462 ]
Train: 100% 622/622 [02:33<00:00, 4.07 step/s]
Average loss=-0.518804298218144
Valid(teacher): 100% 1866/1866 [00:04<00:00, 221.78 step/s]

[Valid(teacher)][60][UTTT][ MSE = 0.5538 | LCC = 0.7839 | SRCC = 0.7827 | [SYS][ MSE = 0.3073 | LCC = 0.8907 | SRCC = 0.8895 ]
[Valid(teacher)][60][UTTT][ AML = 0.517462 | MoV = 0.878932 | VoV = 0.001518 ]
Best model performance test:
Test(best): 0% 0/1866 [00:00<?, ? step/s]/home/x_xliang/.conda/envs/lyngu/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.lstn(input, hx, self._flat_weights, self.bias, self.num_layers,
Test(best): 100% 1866/1866 [00:05<00:00, 207.69 step/s]

[Test(best)][61][UTTT][ MSE = 0.6088 | LCC = 0.7659 | SRCC = 0.7668 | [SYS][ MSE = 0.5292 | LCC = 0.8568 | SRCC = 0.8583 ]
[Test(best)][61][UTTT][ AML = 0.473537 | MoV = 0.878692 | VoV = 0.001558 ]
(lyngu) [x_xliang@node803 DeepMOS] client_loop: send disconnect: Broken pipe
liangxinyu@liangxinyus-Mac-mini: %
```