

```
(!ygpu) [x_xlian@node915 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/run6/'
Train: 100% 622/622 [82:37<00:00, 3.96 step/s]
Average loss=0.973146464375
Valid(teacher): 100% 1866/1866 [00:05<00:00, 178.26 step/s]

[Valid(teacher)][0][UTTT] MSE = 1.1467 | LCC = 0.4790 | SRCC = 0.4795 | [SYS][ MSE = 0.8948 | LCC = 0.6325 | SRCC = 0.6284 ]
[Valid(teacher)][0][UTTT] AML = 0.248912 | Mov = 1.391642 | VoV = 0.008388 ]
Train: 100% 622/622 [82:34<00:00, 3.97 step/s]
Average loss=0.16213624289079
Valid(teacher): 100% 1866/1866 [00:05<00:00, 198.27 step/s]

[Valid(teacher)][1][UTTT] MSE = 0.4968 | LCC = 0.6463 | SRCC = 0.6443 | [SYS][ MSE = 0.3290 | LCC = 0.7608 | SRCC = 0.7657 ]
[Valid(teacher)][1][UTTT] AML = 0.318764 | Mov = 1.083785 | VoV = 0.049682 ]
Train: 100% 622/622 [82:37<00:00, 3.95 step/s]
Average loss=0.4398815737535693
Valid(teacher): 100% 1866/1866 [00:05<00:00, 204.62 step/s]

[Valid(teacher)][2][UTTT] MSE = 0.4478 | LCC = 0.7246 | SRCC = 0.7234 | [SYS][ MSE = 0.2383 | LCC = 0.8436 | SRCC = 0.8468 ]
[Valid(teacher)][2][UTTT] AML = 0.423398 | Mov = 0.491239 | VoV = 0.038482 ]
Train: 100% 622/622 [82:34<00:00, 4.02 step/s]
Average loss=0.3427334427838557
Valid(teacher): 100% 1866/1866 [00:04<00:00, 213.62 step/s]

[Valid(teacher)][3][UTTT] MSE = 0.8981 | LCC = 0.7243 | SRCC = 0.7313 | [SYS][ MSE = 0.6276 | LCC = 0.8394 | SRCC = 0.8446 ]
[Valid(teacher)][3][UTTT] AML = 0.262811 | Mov = 0.279758 | VoV = 0.016108 ]
Train: 100% 622/622 [82:33<00:00, 4.04 step/s]
Average loss=0.2016445272632599
Valid(teacher): 100% 1866/1866 [00:05<00:00, 210.83 step/s]

[Valid(teacher)][4][UTTT] MSE = 1.3821 | LCC = 0.7225 | SRCC = 0.7365 | [SYS][ MSE = 0.9780 | LCC = 0.8465 | SRCC = 0.8591 ]
[Valid(teacher)][4][UTTT] AML = 0.246042 | Mov = 0.215857 | VoV = 0.010802 ]
Train: 100% 622/622 [82:32<00:00, 4.07 step/s]
Average loss=0.1937516331674685
Valid(teacher): 100% 1866/1866 [00:05<00:00, 203.93 step/s]

[Valid(teacher)][5][UTTT] MSE = 1.2917 | LCC = 0.7262 | SRCC = 0.7389 | [SYS][ MSE = 0.9666 | LCC = 0.8518 | SRCC = 0.8620 ]
[Valid(teacher)][5][UTTT] AML = 0.246065 | Mov = 0.212177 | VoV = 0.009091 ]
Train: 100% 622/622 [82:34<00:00, 4.03 step/s]
Average loss=0.1138032178707123
Valid(teacher): 100% 1866/1866 [00:04<00:00, 215.24 step/s]

[Valid(teacher)][6][UTTT] MSE = 1.3344 | LCC = 0.7268 | SRCC = 0.7396 | [SYS][ MSE = 1.0052 | LCC = 0.8532 | SRCC = 0.8651 ]
[Valid(teacher)][6][UTTT] AML = 0.236516 | Mov = 0.202414 | VoV = 0.009487 ]
Train: 100% 622/622 [82:34<00:00, 4.03 step/s]
Average loss=0.10816929489374161
Valid(teacher): 100% 1866/1866 [00:05<00:00, 202.89 step/s]

[Valid(teacher)][7][UTTT] MSE = 1.2016 | LCC = 0.7346 | SRCC = 0.7443 | [SYS][ MSE = 0.8821 | LCC = 0.8593 | SRCC = 0.8664 ]
[Valid(teacher)][7][UTTT] AML = 0.262818 | Mov = 0.204744 | VoV = 0.009656 ]
Train: 100% 622/622 [82:34<00:00, 4.04 step/s]
Average loss=0.2326849973352814
Valid(teacher): 100% 1866/1866 [00:04<00:00, 214.23 step/s]

[Valid(teacher)][8][UTTT] MSE = 1.1152 | LCC = 0.7387 | SRCC = 0.7470 | [SYS][ MSE = 0.8016 | LCC = 0.8619 | SRCC = 0.8687 ]
[Valid(teacher)][8][UTTT] AML = 0.281335 | Mov = 0.199822 | VoV = 0.008786 ]
Train: 100% 622/622 [82:34<00:00, 4.04 step/s]
Average loss=0.0936337962587782
Valid(teacher): 100% 1866/1866 [00:05<00:00, 210.14 step/s]

[Valid(teacher)][9][UTTT] MSE = 1.8658 | LCC = 0.7405 | SRCC = 0.7486 | [SYS][ MSE = 0.7325 | LCC = 0.8639 | SRCC = 0.8688 ]
[Valid(teacher)][9][UTTT] AML = 0.308864 | Mov = 0.159148 | VoV = 0.008062 ]
Train: 100% 622/622 [82:34<00:00, 4.02 step/s]
Average loss=0.02349284982129147
Valid(teacher): 100% 1866/1866 [00:05<00:00, 212.07 step/s]

[Valid(teacher)][10][UTTT] MSE = 1.1871 | LCC = 0.7347 | SRCC = 0.7459 | [SYS][ MSE = 0.7813 | LCC = 0.8603 | SRCC = 0.8674 ]
[Valid(teacher)][10][UTTT] AML = 0.286225 | Mov = 0.182867 | VoV = 0.007155 ]
Train: 100% 622/622 [82:34<00:00, 4.03 step/s]
Average loss=0.0085342048412617225
Valid(teacher): 100% 1866/1866 [00:05<00:00, 208.89 step/s]

[Valid(teacher)][11][UTTT] MSE = 1.1612 | LCC = 0.7291 | SRCC = 0.7439 | [SYS][ MSE = 0.8288 | LCC = 0.8552 | SRCC = 0.8678 ]
[Valid(teacher)][11][UTTT] AML = 0.275005 | Mov = 0.171956 | VoV = 0.006185 ]
Train: 100% 622/622 [82:34<00:00, 4.03 step/s]
Average loss=0.010856750486517
Valid(teacher): 100% 1866/1866 [00:04<00:00, 213.36 step/s]

[Valid(teacher)][12][UTTT] MSE = 1.1937 | LCC = 0.7268 | SRCC = 0.7422 | [SYS][ MSE = 0.8554 | LCC = 0.8513 | SRCC = 0.8622 ]
[Valid(teacher)][12][UTTT] AML = 0.267499 | Mov = 0.161820 | VoV = 0.005671 ]
Train: 100% 622/622 [82:34<00:00, 4.03 step/s]
Average loss=0.05172891542315483
Valid(teacher): 100% 1866/1866 [00:05<00:00, 210.86 step/s]

[Valid(teacher)][13][UTTT] MSE = 1.3480 | LCC = 0.7157 | SRCC = 0.7369 | [SYS][ MSE = 0.9938 | LCC = 0.8411 | SRCC = 0.8570 ]
[Valid(teacher)][13][UTTT] AML = 0.231335 | Mov = 0.146848 | VoV = 0.004824 ]
Train: 100% 622/622 [82:35<00:00, 4.01 step/s]
Average loss=0.00348146865144372
Valid(teacher): 100% 1866/1866 [00:04<00:00, 213.70 step/s]

[Valid(teacher)][14][UTTT] MSE = 1.4218 | LCC = 0.7083 | SRCC = 0.7326 | [SYS][ MSE = 1.0593 | LCC = 0.8344 | SRCC = 0.8518 ]
[Valid(teacher)][14][UTTT] AML = 0.222532 | Mov = 0.137189 | VoV = 0.004279 ]
Train: 100% 622/622 [82:34<00:00, 4.03 step/s]
Average loss=0.06686869871272977
Valid(teacher): 100% 1866/1866 [00:05<00:00, 211.25 step/s]

[Valid(teacher)][15][UTTT] MSE = 1.3864 | LCC = 0.7100 | SRCC = 0.7328 | [SYS][ MSE = 1.0256 | LCC = 0.8357 | SRCC = 0.8519 ]
[Valid(teacher)][15][UTTT] AML = 0.227228 | Mov = 0.135188 | VoV = 0.004137 ]
Train: 100% 622/622 [82:34<00:00, 4.02 step/s]
Average loss=0.0234218075608118
Valid(teacher): 100% 1866/1866 [00:05<00:00, 205.44 step/s]

[Valid(teacher)][16][UTTT] MSE = 1.3116 | LCC = 0.7145 | SRCC = 0.7347 | [SYS][ MSE = 0.9553 | LCC = 0.8301 | SRCC = 0.8537 ]
[Valid(teacher)][16][UTTT] AML = 0.242022 | Mov = 0.133384 | VoV = 0.003963 ]
Train: 100% 622/622 [82:35<00:00, 4.04 step/s]
Average loss=0.0079587156830284
Valid(teacher): 100% 1866/1866 [00:05<00:00, 211.70 step/s]

[Valid(teacher)][17][UTTT] MSE = 1.3361 | LCC = 0.7107 | SRCC = 0.7333 | [SYS][ MSE = 0.9794 | LCC = 0.8328 | SRCC = 0.8482 ]
[Valid(teacher)][17][UTTT] AML = 0.237880 | Mov = 0.182813 | VoV = 0.003761 ]
Train: 100% 622/622 [82:35<00:00, 4.05 step/s]
Average loss=0.11407593637784849
Valid(teacher): 100% 1866/1866 [00:05<00:00, 210.45 step/s]

[Valid(teacher)][18][UTTT] MSE = 1.3666 | LCC = 0.7073 | SRCC = 0.7310 | [SYS][ MSE = 1.0017 | LCC = 0.8331 | SRCC = 0.8472 ]
[Valid(teacher)][18][UTTT] AML = 0.235813 | Mov = 0.123415 | VoV = 0.003455 ]
Train: 100% 622/622 [82:34<00:00, 4.02 step/s]
Average loss=0.11832217872142792
Valid(teacher): 100% 1866/1866 [00:05<00:00, 202.70 step/s]

[Valid(teacher)][19][UTTT] MSE = 1.3738 | LCC = 0.7031 | SRCC = 0.7271 | [SYS][ MSE = 1.0093 | LCC = 0.8283 | SRCC = 0.8448 ]
[Valid(teacher)][19][UTTT] AML = 0.222393 | Mov = 0.119443 | VoV = 0.003246 ]
Train: 100% 622/622 [82:34<00:00, 4.01 step/s]
Average loss=0.12685808237941742
Valid(teacher): 100% 1866/1866 [00:05<00:00, 211.63 step/s]

[Valid(teacher)][20][UTTT] MSE = 1.4238 | LCC = 0.7018 | SRCC = 0.7274 | [SYS][ MSE = 1.0612 | LCC = 0.8277 | SRCC = 0.8413 ]
[Valid(teacher)][20][UTTT] AML = 0.222826 | Mov = 0.119343 | VoV = 0.002578 ]
Train: 100% 622/622 [82:34<00:00, 4.03 step/s]
Average loss=0.1644240851516237
Valid(teacher): 100% 1866/1866 [00:04<00:00, 215.58 step/s]

[Valid(teacher)][21][UTTT] MSE = 1.3313 | LCC = 0.7089 | SRCC = 0.7316 | [SYS][ MSE = 0.9785 | LCC = 0.8315 | SRCC = 0.8438 ]
[Valid(teacher)][21][UTTT] AML = 0.238286 | Mov = 0.119983 | VoV = 0.002626 ]
Train: 100% 622/622 [82:35<00:00, 4.01 step/s]
Average loss=0.1446592245319195
Valid(teacher): 100% 1866/1866 [00:05<00:00, 203.64 step/s]

[Valid(teacher)][22][UTTT] MSE = 1.2736 | LCC = 0.7130 | SRCC = 0.7330 | [SYS][ MSE = 0.9243 | LCC = 0.8339 | SRCC = 0.8449 ]
[Valid(teacher)][22][UTTT] AML = 0.250187 | Mov = 0.116814 | VoV = 0.002673 ]
Train: 100% 622/622 [82:34<00:00, 4.03 step/s]
Average loss=0.1945908635738373
Valid(teacher): 100% 1866/1866 [00:04<00:00, 214.12 step/s]

[Valid(teacher)][23][UTTT] MSE = 1.2376 | LCC = 0.7154 | SRCC = 0.7329 | [SYS][ MSE = 0.8981 | LCC = 0.8352 | SRCC = 0.8451 ]
[Valid(teacher)][23][UTTT] AML = 0.257318 | Mov = 0.113412 | VoV = 0.002613 ]
Train: 100% 622/622 [82:34<00:00, 4.02 step/s]
Average loss=0.2018623948097729
Valid(teacher): 100% 1866/1866 [00:05<00:00, 205.84 step/s]

[Valid(teacher)][24][UTTT] MSE = 1.1791 | LCC = 0.7164 | SRCC = 0.7320 | [SYS][ MSE = 0.8346 | LCC = 0.8368 | SRCC = 0.8444 ]
[Valid(teacher)][24][UTTT] AML = 0.272293 | Mov = 0.111488 | VoV = 0.002563 ]
Train: 100% 622/622 [82:34<00:00, 4.01 step/s]
Average loss=0.21179674565792804
Valid(teacher): 100% 1866/1866 [00:04<00:00, 215.64 step/s]

[Valid(teacher)][25][UTTT] MSE = 1.2366 | LCC = 0.7124 | SRCC = 0.7292 | [SYS][ MSE = 0.8827 | LCC = 0.8352 | SRCC = 0.8428 ]
[Valid(teacher)][25][UTTT] AML = 0.268785 | Mov = 0.106278 | VoV = 0.002448 ]
Train: 100% 622/622 [82:33<00:00, 4.04 step/s]
Average loss=0.178565664768219
Valid(teacher): 100% 1866/1866 [00:05<00:00, 211.15 step/s]

[Valid(teacher)][26][UTTT] MSE = 1.2268 | LCC = 0.7137 | SRCC = 0.7299 | [SYS][ MSE = 0.8764 | LCC = 0.8358 | SRCC = 0.8428 ]
[Valid(teacher)][26][UTTT] AML = 0.261028 | Mov = 0.104784 | VoV = 0.002363 ]
Train: 100% 622/622 [82:33<00:00, 4.04 step/s]
Average loss=0.248852999590409
Valid(teacher): 100% 1866/1866 [00:05<00:00, 202.64 step/s]

[Valid(teacher)][27][UTTT] MSE = 1.2289 | LCC = 0.7151 | SRCC = 0.7310 | [SYS][ MSE = 0.8768 | LCC = 0.8381 | SRCC = 0.8461 ]
[Valid(teacher)][27][UTTT] AML = 0.260436 | Mov = 0.102559 | VoV = 0.002286 ]
Train: 100% 622/622 [82:34<00:00, 4.03 step/s]
Average loss=0.25193208972309075
Valid(teacher): 100% 1866/1866 [00:05<00:00, 207.00 step/s]

[Valid(teacher)][28][UTTT] MSE = 1.1746 | LCC = 0.7190 | SRCC = 0.7321 | [SYS][ MSE = 0.8418 | LCC = 0.8375 | SRCC = 0.8444 ]
[Valid(teacher)][28][UTTT] AML = 0.268469 | Mov = 0.102879 | VoV = 0.002237 ]
Train: 100% 622/622 [82:34<00:00, 4.03 step/s]
Average loss=0.24327854812145233
Valid(teacher): 100% 1866/1866 [00:04<00:00, 214.06 step/s]

[Valid(teacher)][29][UTTT] MSE = 1.1257 | LCC = 0.7231 | SRCC = 0.7342 | [SYS][ MSE = 0.7987 | LCC = 0.8404 | SRCC = 0.8470 ]
[Valid(teacher)][29][UTTT] AML = 0.270211 | Mov = 0.101446 | VoV = 0.002227 ]
Train: 100% 622/622 [82:34<00:00, 4.02 step/s]
Average loss=0.26747164138210876
Valid(teacher): 100% 1866/1866 [00:04<00:00, 215.58 step/s]

[Valid(teacher)][30][UTTT] MSE = 1.1538 | LCC = 0.7218 | SRCC = 0.7325 | [SYS][ MSE = 0.8225 | LCC = 0.8404 | SRCC = 0.8472 ]
[Valid(teacher)][30][UTTT] AML = 0.272272 | Mov = 0.098592 | VoV = 0.002128 ]
Train: 100% 622/622 [82:33<00:00, 4.04 step/s]
Average loss=0.2639351785182953
Valid(teacher): 100% 1866/1866 [00:05<00:00, 208.65 step/s]

[Valid(teacher)][31][UTTT] MSE = 1.1148 | LCC = 0.7213 | SRCC = 0.7331 | [SYS][ MSE = 0.7896 | LCC = 0.8391 | SRCC = 0.8465 ]
[Valid(teacher)][31][UTTT] AML = 0.282780 | Mov = 0.096854 | VoV = 0.002069 ]
Train: 100% 622/622 [82:35<00:00, 4.01 step/s]
Average loss=0.30849594979281614
Valid(teacher): 100% 1866/1866 [00:05<00:00, 196.53 step/s]

[Valid(teacher)][32][UTTT] MSE = 1.1197 | LCC = 0.7208 | SRCC = 0.7333 | [SYS][ MSE = 0.7941 | LCC = 0.8401 | SRCC = 0.8478 ]
[Valid(teacher)][32][UTTT] AML = 0.288496 | Mov = 0.094242 | VoV = 0.002031 ]
```

```
Train: 100% 622/622 [02:34:00:00, 4.02 step/s]
Average loss=-0.31402087711608887
Valid(teacher): 100% 1866/1866 [00:05:00:00, 195.48 step/s]

[Valid(teacher)][33][UTTT][ MSE = 1.1794 | LCC = 0.7199 | SRCC = 0.7332 | [SYS][ MSE = 0.8534 | LCC = 0.8485 | SRCC = 0.8472 ]
[Valid(teacher)][33][UTTT][ AML = 0.262259 | MoV = 0.891155 | VoV = 0.001760 ]
Train: 100% 622/622 [02:33:00:00, 4.06 step/s]
Average loss=-0.3260859552383423
Valid(teacher): 100% 1866/1866 [00:05:00:00, 204.51 step/s]

[Valid(teacher)][34][UTTT][ MSE = 1.1831 | LCC = 0.7266 | SRCC = 0.7371 | [SYS][ MSE = 0.7880 | LCC = 0.8451 | SRCC = 0.8508 ]
[Valid(teacher)][34][UTTT][ AML = 0.279938 | MoV = 0.891512 | VoV = 0.001843 ]
Train: 100% 622/622 [02:34:00:00, 4.02 step/s]
Average loss=-0.3250807260990291
Valid(teacher): 100% 1866/1866 [00:05:00:00, 202.04 step/s]

[Valid(teacher)][35][UTTT][ MSE = 1.0543 | LCC = 0.7333 | SRCC = 0.7422 | [SYS][ MSE = 0.7446 | LCC = 0.8514 | SRCC = 0.8573 ]
[Valid(teacher)][35][UTTT][ AML = 0.291243 | MoV = 0.891445 | VoV = 0.001853 ]
Train: 100% 622/622 [02:34:00:00, 4.02 step/s]
Average loss=-0.325346875940577537
Valid(teacher): 100% 1866/1866 [00:05:00:00, 200.48 step/s]

[Valid(teacher)][36][UTTT][ MSE = 1.1426 | LCC = 0.7383 | SRCC = 0.7411 | [SYS][ MSE = 0.8277 | LCC = 0.8496 | SRCC = 0.8549 ]
[Valid(teacher)][36][UTTT][ AML = 0.267461 | MoV = 0.887549 | VoV = 0.001734 ]
Train: 100% 622/622 [02:34:00:00, 4.04 step/s]
Average loss=-0.35450863831958
Valid(teacher): 100% 1866/1866 [00:05:00:00, 204.80 step/s]

[Valid(teacher)][37][UTTT][ MSE = 1.0967 | LCC = 0.7326 | SRCC = 0.7426 | [SYS][ MSE = 0.7861 | LCC = 0.8583 | SRCC = 0.8546 ]
[Valid(teacher)][37][UTTT][ AML = 0.288985 | MoV = 0.887429 | VoV = 0.001778 ]
Train: 100% 622/622 [02:33:00:00, 4.06 step/s]
Average loss=-0.3683280865832959
Valid(teacher): 100% 1866/1866 [00:05:00:00, 202.22 step/s]

[Valid(teacher)][38][UTTT][ MSE = 1.0629 | LCC = 0.7339 | SRCC = 0.7435 | [SYS][ MSE = 0.7588 | LCC = 0.8589 | SRCC = 0.8559 ]
[Valid(teacher)][38][UTTT][ AML = 0.291879 | MoV = 0.886978 | VoV = 0.001770 ]
Train: 100% 622/622 [02:33:00:00, 4.04 step/s]
Average loss=-0.3634358597858429
Valid(teacher): 100% 1866/1866 [00:05:00:00, 211.89 step/s]

[Valid(teacher)][39][UTTT][ MSE = 1.0206 | LCC = 0.7365 | SRCC = 0.7452 | [SYS][ MSE = 0.7283 | LCC = 0.8528 | SRCC = 0.8566 ]
[Valid(teacher)][39][UTTT][ AML = 0.302190 | MoV = 0.886679 | VoV = 0.001734 ]
Train: 100% 622/622 [02:34:00:00, 4.04 step/s]
Average loss=-0.3260807260990291
Valid(teacher): 100% 1866/1866 [00:04:00:00, 213.23 step/s]

[Valid(teacher)][40][UTTT][ MSE = 1.0184 | LCC = 0.7376 | SRCC = 0.7461 | [SYS][ MSE = 0.7185 | LCC = 0.8527 | SRCC = 0.8575 ]
[Valid(teacher)][40][UTTT][ AML = 0.302243 | MoV = 0.885841 | VoV = 0.001649 ]
Train: 100% 622/622 [02:34:00:00, 4.02 step/s]
Average loss=-0.3890851758487256
Valid(teacher): 100% 1866/1866 [00:05:00:00, 211.92 step/s]

[Valid(teacher)][41][UTTT][ MSE = 0.9941 | LCC = 0.7414 | SRCC = 0.7492 | [SYS][ MSE = 0.6960 | LCC = 0.8565 | SRCC = 0.8595 ]
[Valid(teacher)][41][UTTT][ AML = 0.380310 | MoV = 0.884378 | VoV = 0.001653 ]
Train: 100% 622/622 [02:33:00:00, 4.06 step/s]
Average loss=-0.4008644285282026
Valid(teacher): 100% 1866/1866 [00:05:00:00, 211.89 step/s]

[Valid(teacher)][42][UTTT][ MSE = 0.9984 | LCC = 0.7483 | SRCC = 0.7486 | [SYS][ MSE = 0.6993 | LCC = 0.8567 | SRCC = 0.8588 ]
[Valid(teacher)][42][UTTT][ AML = 0.386359 | MoV = 0.883288 | VoV = 0.001561 ]
Train: 100% 622/622 [02:34:00:00, 4.02 step/s]
Average loss=-0.4026157598488325
Valid(teacher): 100% 1866/1866 [00:05:00:00, 204.79 step/s]

[Valid(teacher)][43][UTTT][ MSE = 0.9622 | LCC = 0.7436 | SRCC = 0.7512 | [SYS][ MSE = 0.6651 | LCC = 0.8598 | SRCC = 0.8617 ]
[Valid(teacher)][43][UTTT][ AML = 0.324875 | MoV = 0.883879 | VoV = 0.001567 ]
Train: 100% 622/622 [02:35:00:00, 4.01 step/s]
Average loss=-0.4158347416325358
Valid(teacher): 100% 1866/1866 [00:05:00:00, 200.95 step/s]

[Valid(teacher)][44][UTTT][ MSE = 0.9333 | LCC = 0.7463 | SRCC = 0.7536 | [SYS][ MSE = 0.6431 | LCC = 0.8602 | SRCC = 0.8636 ]
[Valid(teacher)][44][UTTT][ AML = 0.324763 | MoV = 0.882549 | VoV = 0.001553 ]
Train: 100% 622/622 [02:33:00:00, 4.04 step/s]
Average loss=-0.4204195518303313
Valid(teacher): 100% 1866/1866 [00:05:00:00, 211.47 step/s]

[Valid(teacher)][45][UTTT][ MSE = 0.9871 | LCC = 0.7479 | SRCC = 0.7546 | [SYS][ MSE = 0.6198 | LCC = 0.8622 | SRCC = 0.8645 ]
[Valid(teacher)][45][UTTT][ AML = 0.333425 | MoV = 0.882362 | VoV = 0.001585 ]
Train: 100% 622/622 [02:34:00:00, 4.02 step/s]
Average loss=-0.42274189457816
Valid(teacher): 100% 1866/1866 [00:04:00:00, 214.31 step/s]

[Valid(teacher)][46][UTTT][ MSE = 0.9385 | LCC = 0.7443 | SRCC = 0.7514 | [SYS][ MSE = 0.6486 | LCC = 0.8618 | SRCC = 0.8638 ]
[Valid(teacher)][46][UTTT][ AML = 0.326887 | MoV = 0.888837 | VoV = 0.001401 ]
Train: 100% 622/622 [02:34:00:00, 4.03 step/s]
Average loss=-0.4459114034175873
Valid(teacher): 100% 1866/1866 [00:04:00:00, 214.42 step/s]

[Valid(teacher)][47][UTTT][ MSE = 0.9383 | LCC = 0.7427 | SRCC = 0.7500 | [SYS][ MSE = 0.6479 | LCC = 0.8591 | SRCC = 0.8596 ]
[Valid(teacher)][47][UTTT][ AML = 0.327857 | MoV = 0.879285 | VoV = 0.001399 ]
Train: 100% 622/622 [02:33:00:00, 4.04 step/s]
Average loss=-0.436781108379364
Valid(teacher): 100% 1866/1866 [00:05:00:00, 208.63 step/s]

[Valid(teacher)][48][UTTT][ MSE = 0.8761 | LCC = 0.7444 | SRCC = 0.7583 | [SYS][ MSE = 0.5895 | LCC = 0.8596 | SRCC = 0.8605 ]
[Valid(teacher)][48][UTTT][ AML = 0.345673 | MoV = 0.879989 | VoV = 0.001432 ]
Train: 100% 622/622 [02:35:00:00, 4.01 step/s]
Average loss=-0.45998919810162354
Valid(teacher): 100% 1866/1866 [00:05:00:00, 203.88 step/s]

[Valid(teacher)][49][UTTT][ MSE = 0.8783 | LCC = 0.7456 | SRCC = 0.7588 | [SYS][ MSE = 0.5877 | LCC = 0.8591 | SRCC = 0.8601 ]
[Valid(teacher)][49][UTTT][ AML = 0.352350 | MoV = 0.879335 | VoV = 0.001412 ]
Train: 100% 622/622 [02:34:00:00, 4.03 step/s]
Average loss=-0.46274226983915405
Valid(teacher): 100% 1866/1866 [00:05:00:00, 206.67 step/s]

[Valid(teacher)][50][UTTT][ MSE = 0.8576 | LCC = 0.7465 | SRCC = 0.7522 | [SYS][ MSE = 0.5758 | LCC = 0.8598 | SRCC = 0.8599 ]
[Valid(teacher)][50][UTTT][ AML = 0.357772 | MoV = 0.878367 | VoV = 0.001376 ]
Train: 100% 622/622 [02:33:00:00, 4.04 step/s]
Average loss=-0.4688393183151559
Valid(teacher): 100% 1866/1866 [00:05:00:00, 209.80 step/s]

[Valid(teacher)][51][UTTT][ MSE = 0.8591 | LCC = 0.7484 | SRCC = 0.7543 | [SYS][ MSE = 0.5769 | LCC = 0.8618 | SRCC = 0.8647 ]
[Valid(teacher)][51][UTTT][ AML = 0.356175 | MoV = 0.877449 | VoV = 0.001358 ]
Train: 100% 622/622 [02:34:00:00, 4.02 step/s]
Average loss=-0.47853317856788495
Valid(teacher): 100% 1866/1866 [00:05:00:00, 204.43 step/s]

[Valid(teacher)][52][UTTT][ MSE = 0.8356 | LCC = 0.7492 | SRCC = 0.7549 | [SYS][ MSE = 0.5526 | LCC = 0.8628 | SRCC = 0.8664 ]
[Valid(teacher)][52][UTTT][ AML = 0.364808 | MoV = 0.877567 | VoV = 0.001362 ]
Train: 100% 622/622 [02:34:00:00, 4.01 step/s]
Average loss=-0.48761587868766785
Valid(teacher): 100% 1866/1866 [00:05:00:00, 208.36 step/s]

[Valid(teacher)][53][UTTT][ MSE = 0.8151 | LCC = 0.7499 | SRCC = 0.7555 | [SYS][ MSE = 0.5310 | LCC = 0.8654 | SRCC = 0.8679 ]
[Valid(teacher)][53][UTTT][ AML = 0.373263 | MoV = 0.877264 | VoV = 0.001366 ]
Train: 100% 622/622 [02:35:00:00, 4.00 step/s]
Average loss=-0.4843458158863678
Valid(teacher): 100% 1866/1866 [00:05:00:00, 207.28 step/s]

[Valid(teacher)][54][UTTT][ MSE = 0.7924 | LCC = 0.7513 | SRCC = 0.7561 | [SYS][ MSE = 0.5136 | LCC = 0.8666 | SRCC = 0.8684 ]
[Valid(teacher)][54][UTTT][ AML = 0.381581 | MoV = 0.877198 | VoV = 0.001326 ]
Train: 100% 622/622 [02:34:00:00, 4.02 step/s]
Average loss=-0.5087849931716919
Valid(teacher): 100% 1866/1866 [00:05:00:00, 200.94 step/s]

[Valid(teacher)][55][UTTT][ MSE = 0.7931 | LCC = 0.7511 | SRCC = 0.7555 | [SYS][ MSE = 0.5177 | LCC = 0.8661 | SRCC = 0.8683 ]
[Valid(teacher)][55][UTTT][ AML = 0.382260 | MoV = 0.876378 | VoV = 0.001287 ]
Train: 100% 622/622 [02:35:00:00, 4.01 step/s]
Average loss=-0.5207464648111615
Valid(teacher): 100% 1866/1866 [00:05:00:00, 212.33 step/s]

[Valid(teacher)][56][UTTT][ MSE = 0.7975 | LCC = 0.7500 | SRCC = 0.7546 | [SYS][ MSE = 0.5205 | LCC = 0.8654 | SRCC = 0.8651 ]
[Valid(teacher)][56][UTTT][ AML = 0.379918 | MoV = 0.874758 | VoV = 0.001239 ]
Train: 100% 622/622 [02:33:00:00, 4.04 step/s]
Average loss=-0.5073441261781355
Valid(teacher): 100% 1866/1866 [00:05:00:00, 212.15 step/s]

[Valid(teacher)][57][UTTT][ MSE = 0.7547 | LCC = 0.7518 | SRCC = 0.7551 | [SYS][ MSE = 0.4876 | LCC = 0.8646 | SRCC = 0.8648 ]
[Valid(teacher)][57][UTTT][ AML = 0.401329 | MoV = 0.875214 | VoV = 0.001241 ]
Train: 100% 622/622 [02:34:00:00, 4.02 step/s]
Average loss=-0.518278997862244
Valid(teacher): 100% 1866/1866 [00:05:00:00, 208.84 step/s]

[Valid(teacher)][58][UTTT][ MSE = 0.7430 | LCC = 0.7517 | SRCC = 0.7561 | [SYS][ MSE = 0.4777 | LCC = 0.8646 | SRCC = 0.8656 ]
[Valid(teacher)][58][UTTT][ AML = 0.408426 | MoV = 0.874479 | VoV = 0.001239 ]
Train: 100% 622/622 [02:33:00:00, 4.05 step/s]
Average loss=-0.512726366519928
Valid(teacher): 100% 1866/1866 [00:05:00:00, 210.27 step/s]

[Valid(teacher)][59][UTTT][ MSE = 0.7338 | LCC = 0.7553 | SRCC = 0.7589 | [SYS][ MSE = 0.4653 | LCC = 0.8698 | SRCC = 0.8715 ]
[Valid(teacher)][59][UTTT][ AML = 0.409379 | MoV = 0.875245 | VoV = 0.001266 ]
Train: 100% 622/622 [02:34:00:00, 4.03 step/s]
Average loss=-0.5286348299988164
Valid(teacher): 100% 1866/1866 [00:05:00:00, 204.52 step/s]

[Valid(teacher)][60][UTTT][ MSE = 0.7156 | LCC = 0.7566 | SRCC = 0.7600 | [SYS][ MSE = 0.4485 | LCC = 0.8689 | SRCC = 0.8697 ]
[Valid(teacher)][60][UTTT][ AML = 0.418696 | MoV = 0.876581 | VoV = 0.001274 ]
Best model performance test:
Test(best): 0% 0/1866 [00:00:07, ? step/s]/home/x_xilian/.conda/envs/lyqnuo/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, 201.13 step/s]

[Test(best)][61][UTTT][ MSE = 0.8781 | LCC = 0.7228 | SRCC = 0.7190 | [SYS][ MSE = 0.7080 | LCC = 0.8386 | SRCC = 0.8430 ]
[Test(best)][61][UTTT][ AML = 0.40809231 | MoV = 0.875783 | VoV = 0.001477 ]
(lyqnuo) [x_xilian@node015 DeePMOS]$
```