

```
(!xypu) [x_xliao@node004 DeepMOS$ python train.py --lamb_c=1 --lamb_t=0 --dataset 'bvcc' --data_path './BVCC/DATA/' --id_table './BVCC/id_table/' --save_path'runs/bvcc/c1/run7/'
Train: 100% 622/622 [82:34<00:00, 4.03 step/s]
Average loss=0.54749, 0.709025
Valid(teacher): 100% 1866/1866 [00:05<00:00, 202.83 step/s]

[Valid(teacher)][0][UTTT] MSE = 0.8183 | LCC = 0.4019 | SRCC = 0.4000 | [SYS][ MSE = 0.6077 | LCC = 0.5641 | SRCC = 0.5723 ]
[Valid(teacher)][0][UTTT] AML = 0.285868 | Mov = 1.093162 | VoV = 0.009071 ]
Train: 100% 622/622 [82:32<00:00, 4.09 step/s]
Average loss=0.3978464385556676
Valid(teacher): 100% 1866/1866 [00:04<00:00, 226.59 step/s]

[Valid(teacher)][1][UTTT] MSE = 1.3976 | LCC = 0.6157 | SRCC = 0.5584 | [SYS][ MSE = 1.2884 | LCC = 0.6484 | SRCC = 0.7057 ]
[Valid(teacher)][1][UTTT] AML = 0.245056 | Mov = 0.952872 | VoV = 0.00213 ]
Train: 100% 622/622 [82:33<00:00, 4.05 step/s]
Average loss=0.2901737987951477
Valid(teacher): 100% 1866/1866 [00:04<00:00, 231.93 step/s]

[Valid(teacher)][2][UTTT] MSE = 1.8196 | LCC = 0.5489 | SRCC = 0.5536 | [SYS][ MSE = 1.7783 | LCC = 0.6618 | SRCC = 0.6877 ]
[Valid(teacher)][2][UTTT] AML = 0.217536 | Mov = 0.648398 | VoV = 0.008052 ]
Train: 100% 622/622 [82:32<00:00, 4.07 step/s]
Average loss=0.3276789618492166
Valid(teacher): 100% 1866/1866 [00:04<00:00, 231.42 step/s]

[Valid(teacher)][3][UTTT] MSE = 1.3233 | LCC = 0.5498 | SRCC = 0.5583 | [SYS][ MSE = 1.2299 | LCC = 0.6698 | SRCC = 0.7142 ]
[Valid(teacher)][3][UTTT] AML = 0.271224 | Mov = 0.404584 | VoV = 0.001591 ]
Train: 100% 622/622 [82:33<00:00, 4.05 step/s]
Average loss=0.22116756439289984
Valid(teacher): 100% 1866/1866 [00:04<00:00, 228.25 step/s]

[Valid(teacher)][4][UTTT] MSE = 1.5264 | LCC = 0.5307 | SRCC = 0.5530 | [SYS][ MSE = 1.4764 | LCC = 0.6433 | SRCC = 0.6979 ]
[Valid(teacher)][4][UTTT] AML = 0.252485 | Mov = 0.463991 | VoV = 0.001053 ]
Train: 100% 622/622 [82:31<00:00, 4.10 step/s]
Average loss=0.12144649487152
Valid(teacher): 100% 1866/1866 [00:04<00:00, 226.76 step/s]

[Valid(teacher)][5][UTTT] MSE = 1.5363 | LCC = 0.5359 | SRCC = 0.5661 | [SYS][ MSE = 1.4727 | LCC = 0.6583 | SRCC = 0.7000 ]
[Valid(teacher)][5][UTTT] AML = 0.254896 | Mov = 0.386674 | VoV = 0.000988 ]
Train: 100% 622/622 [82:32<00:00, 4.08 step/s]
Average loss=0.1175046455973053
Valid(teacher): 100% 1866/1866 [00:04<00:00, 227.57 step/s]

[Valid(teacher)][6][UTTT] MSE = 1.4912 | LCC = 0.5486 | SRCC = 0.5879 | [SYS][ MSE = 1.4181 | LCC = 0.6646 | SRCC = 0.7213 ]
[Valid(teacher)][6][UTTT] AML = 0.261124 | Mov = 0.364553 | VoV = 0.001041 ]
Train: 100% 622/622 [82:33<00:00, 4.06 step/s]
Average loss=0.05388355627655983
Valid(teacher): 100% 1866/1866 [00:04<00:00, 231.16 step/s]

[Valid(teacher)][7][UTTT] MSE = 1.2879 | LCC = 0.5778 | SRCC = 0.6284 | [SYS][ MSE = 1.1953 | LCC = 0.6956 | SRCC = 0.7615 ]
[Valid(teacher)][7][UTTT] AML = 0.292019 | Mov = 0.339789 | VoV = 0.001673 ]
Train: 100% 622/622 [82:32<00:00, 4.07 step/s]
Average loss=0.06216659398888256
Valid(teacher): 100% 1866/1866 [00:04<00:00, 231.44 step/s]

[Valid(teacher)][8][UTTT] MSE = 0.9937 | LCC = 0.6164 | SRCC = 0.6558 | [SYS][ MSE = 0.8783 | LCC = 0.7397 | SRCC = 0.7923 ]
[Valid(teacher)][8][UTTT] AML = 0.238436 | Mov = 0.338844 | VoV = 0.002613 ]
Train: 100% 622/622 [82:33<00:00, 4.05 step/s]
Average loss=0.00458980071193886
Valid(teacher): 100% 1866/1866 [00:04<00:00, 224.21 step/s]

[Valid(teacher)][9][UTTT] MSE = 0.7295 | LCC = 0.6562 | SRCC = 0.6761 | [SYS][ MSE = 0.5749 | LCC = 0.7821 | SRCC = 0.8155 ]
[Valid(teacher)][9][UTTT] AML = 0.292480 | Mov = 0.315831 | VoV = 0.001025 ]
Train: 100% 622/622 [82:32<00:00, 4.07 step/s]
Average loss=0.03247627317905426
Valid(teacher): 100% 1866/1866 [00:04<00:00, 228.42 step/s]

[Valid(teacher)][10][UTTT] MSE = 0.5886 | LCC = 0.6985 | SRCC = 0.7007 | [SYS][ MSE = 0.3871 | LCC = 0.8320 | SRCC = 0.8474 ]
[Valid(teacher)][10][UTTT] AML = 0.453308 | Mov = 0.292662 | VoV = 0.004540 ]
Train: 100% 622/622 [82:32<00:00, 4.08 step/s]
Average loss=0.0557928404174043
Valid(teacher): 100% 1866/1866 [00:04<00:00, 229.11 step/s]

[Valid(teacher)][11][UTTT] MSE = 0.4682 | LCC = 0.7143 | SRCC = 0.7122 | [SYS][ MSE = 0.2389 | LCC = 0.8493 | SRCC = 0.8581 ]
[Valid(teacher)][11][UTTT] AML = 0.474172 | Mov = 0.274510 | VoV = 0.005113 ]
Train: 100% 622/622 [82:33<00:00, 4.00 step/s]
Average loss=0.0751208481554985
Valid(teacher): 100% 1866/1866 [00:04<00:00, 228.28 step/s]

[Valid(teacher)][12][UTTT] MSE = 0.4228 | LCC = 0.7334 | SRCC = 0.7313 | [SYS][ MSE = 0.1853 | LCC = 0.8680 | SRCC = 0.8714 ]
[Valid(teacher)][12][UTTT] AML = 0.493184 | Mov = 0.254897 | VoV = 0.005476 ]
Train: 100% 622/622 [82:32<00:00, 4.04 step/s]
Average loss=0.0952651261960983
Valid(teacher): 100% 1866/1866 [00:04<00:00, 225.22 step/s]

[Valid(teacher)][13][UTTT] MSE = 0.4722 | LCC = 0.7384 | SRCC = 0.7387 | [SYS][ MSE = 0.1934 | LCC = 0.8738 | SRCC = 0.8758 ]
[Valid(teacher)][13][UTTT] AML = 0.43403 | Mov = 0.233868 | VoV = 0.005115 ]
Train: 100% 622/622 [82:33<00:00, 4.05 step/s]
Average loss=0.1147873358297348
Valid(teacher): 100% 1866/1866 [00:04<00:00, 231.05 step/s]

[Valid(teacher)][14][UTTT] MSE = 0.5693 | LCC = 0.7286 | SRCC = 0.7277 | [SYS][ MSE = 0.2557 | LCC = 0.8684 | SRCC = 0.8729 ]
[Valid(teacher)][14][UTTT] AML = 0.464080 | Mov = 0.214265 | VoV = 0.006758 ]
Train: 100% 622/622 [82:33<00:00, 4.05 step/s]
Average loss=0.02627280534939766
Valid(teacher): 100% 1866/1866 [00:04<00:00, 232.03 step/s]

[Valid(teacher)][15][UTTT] MSE = 0.5818 | LCC = 0.7251 | SRCC = 0.7324 | [SYS][ MSE = 0.2624 | LCC = 0.8732 | SRCC = 0.8779 ]
[Valid(teacher)][15][UTTT] AML = 0.464818 | Mov = 0.204249 | VoV = 0.005902 ]
Train: 100% 622/622 [82:33<00:00, 4.06 step/s]
Average loss=0.1557834893445942
Valid(teacher): 100% 1866/1866 [00:04<00:00, 231.19 step/s]

[Valid(teacher)][16][UTTT] MSE = 0.6344 | LCC = 0.7251 | SRCC = 0.7348 | [SYS][ MSE = 0.3043 | LCC = 0.8722 | SRCC = 0.8783 ]
[Valid(teacher)][16][UTTT] AML = 0.452158 | Mov = 0.191849 | VoV = 0.005647 ]
Train: 100% 622/622 [82:33<00:00, 4.06 step/s]
Average loss=0.168494399547577
Valid(teacher): 100% 1866/1866 [00:04<00:00, 231.13 step/s]

[Valid(teacher)][17][UTTT] MSE = 0.6823 | LCC = 0.7242 | SRCC = 0.7366 | [SYS][ MSE = 0.3421 | LCC = 0.8723 | SRCC = 0.8798 ]
[Valid(teacher)][17][UTTT] AML = 0.440391 | Mov = 0.183807 | VoV = 0.005520 ]
Train: 100% 622/622 [82:33<00:00, 4.06 step/s]
Average loss=0.187768337726593
Valid(teacher): 100% 1866/1866 [00:04<00:00, 231.71 step/s]

[Valid(teacher)][18][UTTT] MSE = 0.6985 | LCC = 0.7246 | SRCC = 0.7380 | [SYS][ MSE = 0.3565 | LCC = 0.8723 | SRCC = 0.8796 ]
[Valid(teacher)][18][UTTT] AML = 0.437686 | Mov = 0.175605 | VoV = 0.005202 ]
Train: 100% 622/622 [82:31<00:00, 4.10 step/s]
Average loss=0.10884581196308136
Valid(teacher): 100% 1866/1866 [00:04<00:00, 231.23 step/s]

[Valid(teacher)][19][UTTT] MSE = 0.6563 | LCC = 0.7298 | SRCC = 0.7397 | [SYS][ MSE = 0.3241 | LCC = 0.8740 | SRCC = 0.8803 ]
[Valid(teacher)][19][UTTT] AML = 0.412580 | Mov = 0.173225 | VoV = 0.005845 ]
Train: 100% 622/622 [82:34<00:00, 4.04 step/s]
Average loss=0.2159272868614197
Valid(teacher): 100% 1866/1866 [00:04<00:00, 225.67 step/s]

[Valid(teacher)][20][UTTT] MSE = 0.6879 | LCC = 0.7285 | SRCC = 0.7391 | [SYS][ MSE = 0.3478 | LCC = 0.8741 | SRCC = 0.8797 ]
[Valid(teacher)][20][UTTT] AML = 0.440584 | Mov = 0.166627 | VoV = 0.004834 ]
Train: 100% 622/622 [82:33<00:00, 4.05 step/s]
Average loss=0.2328792842492225
Valid(teacher): 100% 1866/1866 [00:04<00:00, 228.27 step/s]

[Valid(teacher)][21][UTTT] MSE = 0.7152 | LCC = 0.7279 | SRCC = 0.7382 | [SYS][ MSE = 0.3717 | LCC = 0.8718 | SRCC = 0.8786 ]
[Valid(teacher)][21][UTTT] AML = 0.432728 | Mov = 0.159416 | VoV = 0.004592 ]
Train: 100% 622/622 [82:32<00:00, 4.07 step/s]
Average loss=0.247493546029333
Valid(teacher): 100% 1866/1866 [00:04<00:00, 229.62 step/s]

[Valid(teacher)][22][UTTT] MSE = 0.7009 | LCC = 0.7309 | SRCC = 0.7396 | [SYS][ MSE = 0.3608 | LCC = 0.8715 | SRCC = 0.8772 ]
[Valid(teacher)][22][UTTT] AML = 0.437743 | Mov = 0.156628 | VoV = 0.004440 ]
Train: 100% 622/622 [82:33<00:00, 4.06 step/s]
Average loss=0.25619691618536384
Valid(teacher): 100% 1866/1866 [00:04<00:00, 225.84 step/s]

[Valid(teacher)][23][UTTT] MSE = 0.7612 | LCC = 0.7256 | SRCC = 0.7370 | [SYS][ MSE = 0.4081 | LCC = 0.8678 | SRCC = 0.8740 ]
[Valid(teacher)][23][UTTT] AML = 0.420026 | Mov = 0.158862 | VoV = 0.004284 ]
Train: 100% 622/622 [82:33<00:00, 4.05 step/s]
Average loss=0.26467612385749817
Valid(teacher): 100% 1866/1866 [00:04<00:00, 227.36 step/s]

[Valid(teacher)][24][UTTT] MSE = 0.7794 | LCC = 0.7264 | SRCC = 0.7383 | [SYS][ MSE = 0.4224 | LCC = 0.8689 | SRCC = 0.8744 ]
[Valid(teacher)][24][UTTT] AML = 0.412580 | Mov = 0.147415 | VoV = 0.004176 ]
Train: 100% 622/622 [82:32<00:00, 4.07 step/s]
Average loss=0.28854891657829285
Valid(teacher): 100% 1866/1866 [00:04<00:00, 228.91 step/s]

[Valid(teacher)][25][UTTT] MSE = 0.8245 | LCC = 0.7233 | SRCC = 0.7363 | [SYS][ MSE = 0.4586 | LCC = 0.8676 | SRCC = 0.8740 ]
[Valid(teacher)][25][UTTT] AML = 0.398920 | Mov = 0.140586 | VoV = 0.003927 ]
Train: 100% 622/622 [82:33<00:00, 4.05 step/s]
Average loss=0.3034942898143738
Valid(teacher): 100% 1866/1866 [00:04<00:00, 225.28 step/s]

[Valid(teacher)][26][UTTT] MSE = 0.8614 | LCC = 0.7183 | SRCC = 0.7324 | [SYS][ MSE = 0.4860 | LCC = 0.8644 | SRCC = 0.8781 ]
[Valid(teacher)][26][UTTT] AML = 0.389325 | Mov = 0.135895 | VoV = 0.003741 ]
Train: 100% 622/622 [82:32<00:00, 4.07 step/s]
Average loss=0.308195490803233
Valid(teacher): 100% 1866/1866 [00:04<00:00, 226.19 step/s]

[Valid(teacher)][27][UTTT] MSE = 0.8490 | LCC = 0.7196 | SRCC = 0.7326 | [SYS][ MSE = 0.4748 | LCC = 0.8660 | SRCC = 0.8722 ]
[Valid(teacher)][27][UTTT] AML = 0.394912 | Mov = 0.131174 | VoV = 0.003553 ]
Train: 100% 622/622 [82:33<00:00, 4.06 step/s]
Average loss=0.3248020071541146
Valid(teacher): 100% 1866/1866 [00:04<00:00, 229.03 step/s]

[Valid(teacher)][28][UTTT] MSE = 0.7988 | LCC = 0.7228 | SRCC = 0.7329 | [SYS][ MSE = 0.4300 | LCC = 0.8665 | SRCC = 0.8727 ]
[Valid(teacher)][28][UTTT] AML = 0.412944 | Mov = 0.131858 | VoV = 0.003517 ]
Train: 100% 622/622 [82:33<00:00, 4.07 step/s]
Average loss=0.33358232243537983
Valid(teacher): 100% 1866/1866 [00:04<00:00, 228.35 step/s]

[Valid(teacher)][29][UTTT] MSE = 0.7769 | LCC = 0.7254 | SRCC = 0.7350 | [SYS][ MSE = 0.4137 | LCC = 0.8699 | SRCC = 0.8742 ]
[Valid(teacher)][29][UTTT] AML = 0.420065 | Mov = 0.129839 | VoV = 0.003484 ]
Train: 100% 622/622 [82:32<00:00, 4.09 step/s]
Average loss=0.349159308327381
Valid(teacher): 100% 1866/1866 [00:04<00:00, 227.74 step/s]

[Valid(teacher)][30][UTTT] MSE = 0.7389 | LCC = 0.7296 | SRCC = 0.7362 | [SYS][ MSE = 0.3768 | LCC = 0.8727 | SRCC = 0.8751 ]
[Valid(teacher)][30][UTTT] AML = 0.438126 | Mov = 0.128318 | VoV = 0.003366 ]
Train: 100% 622/622 [82:33<00:00, 4.05 step/s]
Average loss=0.35945698618888855
Valid(teacher): 100% 1866/1866 [00:04<00:00, 231.40 step/s]

[Valid(teacher)][31][UTTT] MSE = 0.7989 | LCC = 0.7268 | SRCC = 0.7344 | [SYS][ MSE = 0.4269 | LCC = 0.8781 | SRCC = 0.8738 ]
[Valid(teacher)][31][UTTT] AML = 0.418201 | Mov = 0.122631 | VoV = 0.003235 ]
Train: 100% 622/622 [82:32<00:00, 4.07 step/s]
Average loss=0.3764404256303815
Valid(teacher): 100% 1866/1866 [00:04<00:00, 226.93 step/s]

[Valid(teacher)][32][UTTT] MSE = 0.7679 | LCC = 0.7267 | SRCC = 0.7333 | [SYS][ MSE = 0.4064 | LCC = 0.8698 | SRCC = 0.8730 ]
[Valid(teacher)][32][UTTT] AML = 0.426616 | Mov = 0.121241 | VoV = 0.003121 ]
```

```
Train: 100% 622/622 [02:33<00:00, 4.06 step/s]
Average loss=0.381895959772880
Valid(teacher): 100% 1866/1866 [00:04<00:00, 225.90 step/s]

[Valid(teacher)][33][UTTT][ MSE = 0.7676 | LCC = 0.7275 | SRCC = 0.7345 ] [SYS][ MSE = 0.4076 | LCC = 0.8783 | SRCC = 0.8735 ]
[Valid(teacher)][33][UTTT][ AML = 0.427928 | MoV = 0.118828 | VoV = 0.002652 ]
Train: 100% 622/622 [02:33<00:00, 4.06 step/s]
Average loss=0.39200714239537415
Valid(teacher): 100% 1866/1866 [00:04<00:00, 225.44 step/s]

[Valid(teacher)][34][UTTT][ MSE = 0.7673 | LCC = 0.7248 | SRCC = 0.7333 ] [SYS][ MSE = 0.4077 | LCC = 0.8695 | SRCC = 0.8721 ]
[Valid(teacher)][34][UTTT][ AML = 0.428868 | MoV = 0.116243 | VoV = 0.002864 ]
Train: 100% 622/622 [02:33<00:00, 4.05 step/s]
Average loss=0.408002676792856
Valid(teacher): 100% 1866/1866 [00:04<00:00, 226.24 step/s]

[Valid(teacher)][35][UTTT][ MSE = 0.7585 | LCC = 0.7242 | SRCC = 0.7297 ] [SYS][ MSE = 0.3968 | LCC = 0.8681 | SRCC = 0.8704 ]
[Valid(teacher)][35][UTTT][ AML = 0.436674 | MoV = 0.113414 | VoV = 0.002766 ]
Train: 100% 622/622 [02:33<00:00, 4.04 step/s]
Average loss=0.418073198604584
Valid(teacher): 100% 1866/1866 [00:04<00:00, 217.88 step/s]

[Valid(teacher)][36][UTTT][ MSE = 0.7536 | LCC = 0.7274 | SRCC = 0.7324 ] [SYS][ MSE = 0.3955 | LCC = 0.8698 | SRCC = 0.8692 ]
[Valid(teacher)][36][UTTT][ AML = 0.436837 | MoV = 0.118283 | VoV = 0.002786 ]
Train: 100% 622/622 [02:32<00:00, 4.09 step/s]
Average loss=0.4297558618648529
Valid(teacher): 100% 1866/1866 [00:04<00:00, 231.95 step/s]

[Valid(teacher)][37][UTTT][ MSE = 0.7129 | LCC = 0.7317 | SRCC = 0.7351 ] [SYS][ MSE = 0.3646 | LCC = 0.8789 | SRCC = 0.8711 ]
[Valid(teacher)][37][UTTT][ AML = 0.452871 | MoV = 0.109850 | VoV = 0.002635 ]
Train: 100% 622/622 [02:32<00:00, 4.05 step/s]
Average loss=0.4333799183368683
Valid(teacher): 100% 1866/1866 [00:04<00:00, 231.92 step/s]

[Valid(teacher)][38][UTTT][ MSE = 0.7112 | LCC = 0.7313 | SRCC = 0.7342 ] [SYS][ MSE = 0.3628 | LCC = 0.8787 | SRCC = 0.8714 ]
[Valid(teacher)][38][UTTT][ AML = 0.454035 | MoV = 0.108394 | VoV = 0.002592 ]
Train: 100% 622/622 [02:33<00:00, 4.06 step/s]
Average loss=0.4369283616542815
Valid(teacher): 100% 1866/1866 [00:04<00:00, 231.78 step/s]

[Valid(teacher)][39][UTTT][ MSE = 0.7289 | LCC = 0.7319 | SRCC = 0.7349 ] [SYS][ MSE = 0.3731 | LCC = 0.8698 | SRCC = 0.8708 ]
[Valid(teacher)][39][UTTT][ AML = 0.448565 | MoV = 0.105655 | VoV = 0.002591 ]
Train: 100% 622/622 [02:33<00:00, 4.05 step/s]
Average loss=0.4397773457937613
Valid(teacher): 100% 1866/1866 [00:04<00:00, 231.33 step/s]

[Valid(teacher)][40][UTTT][ MSE = 0.6928 | LCC = 0.7354 | SRCC = 0.7378 ] [SYS][ MSE = 0.3532 | LCC = 0.8699 | SRCC = 0.8739 ]
[Valid(teacher)][40][UTTT][ AML = 0.458838 | MoV = 0.104449 | VoV = 0.002411 ]
Train: 100% 622/622 [02:32<00:00, 4.09 step/s]
Average loss=0.4471268173931122
Valid(teacher): 100% 1866/1866 [00:04<00:00, 219.08 step/s]

[Valid(teacher)][41][UTTT][ MSE = 0.6575 | LCC = 0.7388 | SRCC = 0.7403 ] [SYS][ MSE = 0.3261 | LCC = 0.8732 | SRCC = 0.8740 ]
[Valid(teacher)][41][UTTT][ AML = 0.472239 | MoV = 0.104923 | VoV = 0.002408 ]
Train: 100% 622/622 [02:33<00:00, 4.06 step/s]
Average loss=0.4677455127392273
Valid(teacher): 100% 1866/1866 [00:04<00:00, 227.86 step/s]

[Valid(teacher)][42][UTTT][ MSE = 0.6718 | LCC = 0.7384 | SRCC = 0.7402 ] [SYS][ MSE = 0.3394 | LCC = 0.8724 | SRCC = 0.8747 ]
[Valid(teacher)][42][UTTT][ AML = 0.464931 | MoV = 0.102780 | VoV = 0.002368 ]
Train: 100% 622/622 [02:32<00:00, 4.07 step/s]
Average loss=0.4597212978256854
Valid(teacher): 100% 1866/1866 [00:04<00:00, 229.63 step/s]

[Valid(teacher)][43][UTTT][ MSE = 0.6336 | LCC = 0.7489 | SRCC = 0.7416 ] [SYS][ MSE = 0.3111 | LCC = 0.8743 | SRCC = 0.8748 ]
[Valid(teacher)][43][UTTT][ AML = 0.479381 | MoV = 0.101937 | VoV = 0.002291 ]
Train: 100% 622/622 [02:33<00:00, 4.06 step/s]
Average loss=0.4791819453239441
Valid(teacher): 100% 1866/1866 [00:04<00:00, 231.83 step/s]

[Valid(teacher)][44][UTTT][ MSE = 0.6665 | LCC = 0.7378 | SRCC = 0.7386 ] [SYS][ MSE = 0.3369 | LCC = 0.8712 | SRCC = 0.8731 ]
[Valid(teacher)][44][UTTT][ AML = 0.469190 | MoV = 0.099365 | VoV = 0.002198 ]
Train: 100% 622/622 [02:33<00:00, 4.06 step/s]
Average loss=0.483191931926697
Valid(teacher): 100% 1866/1866 [00:04<00:00, 228.14 step/s]

[Valid(teacher)][45][UTTT][ MSE = 0.6857 | LCC = 0.7328 | SRCC = 0.7348 ] [SYS][ MSE = 0.3581 | LCC = 0.8787 | SRCC = 0.8735 ]
[Valid(teacher)][45][UTTT][ AML = 0.464469 | MoV = 0.097405 | VoV = 0.002133 ]
Train: 100% 622/622 [02:33<00:00, 4.05 step/s]
Average loss=0.49370630824292
Valid(teacher): 100% 1866/1866 [00:04<00:00, 230.84 step/s]

[Valid(teacher)][46][UTTT][ MSE = 0.6578 | LCC = 0.7351 | SRCC = 0.7363 ] [SYS][ MSE = 0.3263 | LCC = 0.8746 | SRCC = 0.8769 ]
[Valid(teacher)][46][UTTT][ AML = 0.475131 | MoV = 0.097580 | VoV = 0.002866 ]
Train: 100% 622/622 [02:33<00:00, 4.05 step/s]
Average loss=0.4952946828259094
Valid(teacher): 100% 1866/1866 [00:04<00:00, 229.93 step/s]

[Valid(teacher)][47][UTTT][ MSE = 0.6483 | LCC = 0.7366 | SRCC = 0.7380 ] [SYS][ MSE = 0.3166 | LCC = 0.8782 | SRCC = 0.8815 ]
[Valid(teacher)][47][UTTT][ AML = 0.478959 | MoV = 0.096367 | VoV = 0.002846 ]
Train: 100% 622/622 [02:32<00:00, 4.07 step/s]
Average loss=0.49381639199256897
Valid(teacher): 100% 1866/1866 [00:04<00:00, 230.64 step/s]

[Valid(teacher)][48][UTTT][ MSE = 0.6130 | LCC = 0.7397 | SRCC = 0.7395 ] [SYS][ MSE = 0.2862 | LCC = 0.8828 | SRCC = 0.8848 ]
[Valid(teacher)][48][UTTT][ AML = 0.491451 | MoV = 0.096395 | VoV = 0.001981 ]
Train: 100% 622/622 [02:32<00:00, 4.08 step/s]
Average loss=0.4571487735347748
Valid(teacher): 100% 1866/1866 [00:04<00:00, 221.52 step/s]

[Valid(teacher)][49][UTTT][ MSE = 0.6154 | LCC = 0.7386 | SRCC = 0.7381 ] [SYS][ MSE = 0.2892 | LCC = 0.8791 | SRCC = 0.8817 ]
[Valid(teacher)][49][UTTT][ AML = 0.493247 | MoV = 0.094853 | VoV = 0.001895 ]
Train: 100% 622/622 [02:32<00:00, 4.07 step/s]
Average loss=0.5364749523162842
Valid(teacher): 100% 1866/1866 [00:04<00:00, 229.29 step/s]

[Valid(teacher)][50][UTTT][ MSE = 0.6855 | LCC = 0.7418 | SRCC = 0.7406 ] [SYS][ MSE = 0.2839 | LCC = 0.8805 | SRCC = 0.8828 ]
[Valid(teacher)][50][UTTT][ AML = 0.495282 | MoV = 0.093453 | VoV = 0.001867 ]
Train: 100% 622/622 [02:33<00:00, 4.05 step/s]
Average loss=0.533723430934589
Valid(teacher): 100% 1866/1866 [00:04<00:00, 230.21 step/s]

[Valid(teacher)][51][UTTT][ MSE = 0.5870 | LCC = 0.7429 | SRCC = 0.7420 ] [SYS][ MSE = 0.2693 | LCC = 0.8829 | SRCC = 0.8861 ]
[Valid(teacher)][51][UTTT][ AML = 0.505155 | MoV = 0.093242 | VoV = 0.001859 ]
Train: 100% 622/622 [02:33<00:00, 4.05 step/s]
Average loss=0.54551152676456
Valid(teacher): 100% 1866/1866 [00:04<00:00, 229.28 step/s]

[Valid(teacher)][52][UTTT][ MSE = 0.5730 | LCC = 0.7454 | SRCC = 0.7443 ] [SYS][ MSE = 0.2608 | LCC = 0.8838 | SRCC = 0.8865 ]
[Valid(teacher)][52][UTTT][ AML = 0.511180 | MoV = 0.092228 | VoV = 0.001813 ]
Train: 100% 622/622 [02:33<00:00, 4.07 step/s]
Average loss=0.557882487738953
Valid(teacher): 100% 1866/1866 [00:04<00:00, 228.72 step/s]

[Valid(teacher)][53][UTTT][ MSE = 0.5794 | LCC = 0.7457 | SRCC = 0.7452 ] [SYS][ MSE = 0.2662 | LCC = 0.8844 | SRCC = 0.8869 ]
[Valid(teacher)][53][UTTT][ AML = 0.509686 | MoV = 0.089862 | VoV = 0.001734 ]
Train: 100% 622/622 [02:32<00:00, 4.09 step/s]
Average loss=0.5667471289634785
Valid(teacher): 100% 1866/1866 [00:04<00:00, 229.35 step/s]

[Valid(teacher)][54][UTTT][ MSE = 0.5282 | LCC = 0.7585 | SRCC = 0.7489 ] [SYS][ MSE = 0.2226 | LCC = 0.8888 | SRCC = 0.8907 ]
[Valid(teacher)][54][UTTT][ AML = 0.534047 | MoV = 0.090598 | VoV = 0.001698 ]
Train: 100% 622/622 [02:33<00:00, 4.04 step/s]
Average loss=0.571886287824787
Valid(teacher): 100% 1866/1866 [00:04<00:00, 230.36 step/s]

[Valid(teacher)][55][UTTT][ MSE = 0.5232 | LCC = 0.7488 | SRCC = 0.7472 ] [SYS][ MSE = 0.2248 | LCC = 0.8882 | SRCC = 0.8900 ]
[Valid(teacher)][55][UTTT][ AML = 0.533364 | MoV = 0.089198 | VoV = 0.001651 ]
Train: 100% 622/622 [02:32<00:00, 4.07 step/s]
Average loss=0.5735162891921997
Valid(teacher): 100% 1866/1866 [00:04<00:00, 231.54 step/s]

[Valid(teacher)][56][UTTT][ MSE = 0.5172 | LCC = 0.7486 | SRCC = 0.7469 ] [SYS][ MSE = 0.2191 | LCC = 0.8885 | SRCC = 0.8986 ]
[Valid(teacher)][56][UTTT][ AML = 0.536172 | MoV = 0.088162 | VoV = 0.001689 ]
Train: 100% 622/622 [02:32<00:00, 4.07 step/s]
Average loss=0.556404769280238
Valid(teacher): 100% 1866/1866 [00:04<00:00, 231.24 step/s]

[Valid(teacher)][57][UTTT][ MSE = 0.5083 | LCC = 0.7488 | SRCC = 0.7473 ] [SYS][ MSE = 0.2103 | LCC = 0.8893 | SRCC = 0.8914 ]
[Valid(teacher)][57][UTTT][ AML = 0.541195 | MoV = 0.088498 | VoV = 0.001591 ]
Train: 100% 622/622 [02:33<00:00, 4.04 step/s]
Average loss=0.588622209476471
Valid(teacher): 100% 1866/1866 [00:04<00:00, 225.10 step/s]

[Valid(teacher)][58][UTTT][ MSE = 0.5187 | LCC = 0.7481 | SRCC = 0.7469 ] [SYS][ MSE = 0.2187 | LCC = 0.8885 | SRCC = 0.8919 ]
[Valid(teacher)][58][UTTT][ AML = 0.540953 | MoV = 0.087764 | VoV = 0.001557 ]
Train: 100% 622/622 [02:33<00:00, 4.06 step/s]
Average loss=0.5776592493857251
Valid(teacher): 100% 1866/1866 [00:04<00:00, 222.58 step/s]

[Valid(teacher)][59][UTTT][ MSE = 0.4807 | LCC = 0.7496 | SRCC = 0.7477 ] [SYS][ MSE = 0.1907 | LCC = 0.8898 | SRCC = 0.8931 ]
[Valid(teacher)][59][UTTT][ AML = 0.532358 | MoV = 0.088398 | VoV = 0.001488 ]
Train: 100% 622/622 [02:31<00:00, 4.10 step/s]
Average loss=0.5982125835418781
Valid(teacher): 100% 1866/1866 [00:04<00:00, 229.75 step/s]

[Valid(teacher)][60][UTTT][ MSE = 0.5896 | LCC = 0.7483 | SRCC = 0.7466 ] [SYS][ MSE = 0.2122 | LCC = 0.8883 | SRCC = 0.8983 ]
[Valid(teacher)][60][UTTT][ AML = 0.539131 | MoV = 0.086813 | VoV = 0.001651 ]
Best model performance test:
Test(best): 0% 0/1866 [00:00<?, ? step/s]/home/x_xilian/.conda/envs/lyqygu/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 [00:04<00:00, 215.34 step/s]

[Test(best)][61][UTTT][ MSE = 0.5585 | LCC = 0.7628 | SRCC = 0.7590 ] [SYS][ MSE = 0.4081 | LCC = 0.8590 | SRCC = 0.8543 ]
[Test(best)][61][UTTT][ AML = 0.532338 | MoV = 0.087488 | VoV = 0.001687 ]
(lyqygu) [x_xilian@node004 DeepMOS]$
```