

```
(lygypu) [x_xlian@node043 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/run4/'
Train: 100% 622/622 [02:36<00:00, 3.98 step/s]
Average loss=0.567, 918212009025
Valid(teacher): 100% 1866/1866 [00:05<00:00, 201.32 step/s]

[Valid(teacher)][0][UTTT] MSE = 0.7133 | LCC = 0.4422 | SRCC = 0.4605 | [SYS][ MSE = 0.5371 | LCC = 0.6071 | SRCC = 0.4462 ]
[Valid(teacher)][0][UTTT] AML = 0.305444 | Mov = 0.930191 | VoV = 0.007777 ]
Train: 100% 622/622 [02:31<00:00, 4.10 step/s]
Average loss=0.2645175904725907
Valid(teacher): 100% 1866/1866 [00:04<00:00, 234.13 step/s]

[Valid(teacher)][1][UTTT] MSE = 1.0742 | LCC = 0.6081 | SRCC = 0.6152 | [SYS][ MSE = 1.0625 | LCC = 0.6094 | SRCC = 0.7122 ]
[Valid(teacher)][1][UTTT] AML = 0.288104 | Mov = 0.657020 | VoV = 0.002086 ]
Train: 100% 622/622 [02:31<00:00, 4.12 step/s]
Average loss=0.1908664952131787
Valid(teacher): 100% 1866/1866 [00:04<00:00, 227.26 step/s]

[Valid(teacher)][2][UTTT] MSE = 0.5276 | LCC = 0.6497 | SRCC = 0.6517 | [SYS][ MSE = 0.3079 | LCC = 0.7572 | SRCC = 0.7713 ]
[Valid(teacher)][2][UTTT] AML = 0.425338 | Mov = 0.373083 | VoV = 0.007629 ]
Train: 100% 622/622 [02:31<00:00, 4.09 step/s]
Average loss=0.090365953743578
Valid(teacher): 100% 1866/1866 [00:04<00:00, 233.41 step/s]

[Valid(teacher)][3][UTTT] MSE = 1.0158 | LCC = 0.6536 | SRCC = 0.6750 | [SYS][ MSE = 0.7027 | LCC = 0.7755 | SRCC = 0.8006 ]
[Valid(teacher)][3][UTTT] AML = 0.324500 | Mov = 0.254447 | VoV = 0.000530 ]
Train: 100% 622/622 [02:31<00:00, 4.12 step/s]
Average loss=0.02472867518603400
Valid(teacher): 100% 1866/1866 [00:04<00:00, 228.07 step/s]

[Valid(teacher)][4][UTTT] MSE = 1.1032 | LCC = 0.6470 | SRCC = 0.6900 | [SYS][ MSE = 0.7000 | LCC = 0.7904 | SRCC = 0.8150 ]
[Valid(teacher)][4][UTTT] AML = 0.298323 | Mov = 0.232982 | VoV = 0.010070 ]
Train: 100% 622/622 [02:31<00:00, 4.10 step/s]
Average loss=0.00176153840734148
Valid(teacher): 100% 1866/1866 [00:04<00:00, 225.85 step/s]

[Valid(teacher)][5][UTTT] MSE = 1.1858 | LCC = 0.6720 | SRCC = 0.7026 | [SYS][ MSE = 0.8573 | LCC = 0.7963 | SRCC = 0.8202 ]
[Valid(teacher)][5][UTTT] AML = 0.277345 | Mov = 0.218441 | VoV = 0.008862 ]
Train: 100% 622/622 [02:31<00:00, 4.11 step/s]
Average loss=0.035058404157008
Valid(teacher): 100% 1866/1866 [00:04<00:00, 229.10 step/s]

[Valid(teacher)][6][UTTT] MSE = 1.0900 | LCC = 0.6844 | SRCC = 0.7102 | [SYS][ MSE = 0.7657 | LCC = 0.8111 | SRCC = 0.8283 ]
[Valid(teacher)][6][UTTT] AML = 0.296037 | Mov = 0.215770 | VoV = 0.008659 ]
Train: 100% 622/622 [02:32<00:00, 4.07 step/s]
Average loss=0.06152955070137976
Valid(teacher): 100% 1866/1866 [00:04<00:00, 233.18 step/s]

[Valid(teacher)][7][UTTT] MSE = 1.0064 | LCC = 0.6963 | SRCC = 0.7177 | [SYS][ MSE = 0.6884 | LCC = 0.8200 | SRCC = 0.8346 ]
[Valid(teacher)][7][UTTT] AML = 0.316053 | Mov = 0.208029 | VoV = 0.008325 ]
Train: 100% 622/622 [02:31<00:00, 4.10 step/s]
Average loss=0.00380265533924103
Valid(teacher): 100% 1866/1866 [00:04<00:00, 223.47 step/s]

[Valid(teacher)][8][UTTT] MSE = 1.0497 | LCC = 0.6990 | SRCC = 0.7216 | [SYS][ MSE = 0.7232 | LCC = 0.8254 | SRCC = 0.8383 ]
[Valid(teacher)][8][UTTT] AML = 0.305300 | Mov = 0.195161 | VoV = 0.007740 ]
Train: 100% 622/622 [02:32<00:00, 4.00 step/s]
Average loss=0.0753907200007662
Valid(teacher): 100% 1866/1866 [00:04<00:00, 233.14 step/s]

[Valid(teacher)][9][UTTT] MSE = 1.1403 | LCC = 0.6997 | SRCC = 0.7234 | [SYS][ MSE = 0.8069 | LCC = 0.8305 | SRCC = 0.8432 ]
[Valid(teacher)][9][UTTT] AML = 0.200745 | Mov = 0.179882 | VoV = 0.000799 ]
Train: 100% 622/622 [02:32<00:00, 4.09 step/s]
Average loss=0.1312748707972925
Valid(teacher): 100% 1866/1866 [00:04<00:00, 233.32 step/s]

[Valid(teacher)][10][UTTT] MSE = 1.0959 | LCC = 0.7070 | SRCC = 0.7263 | [SYS][ MSE = 0.7577 | LCC = 0.8377 | SRCC = 0.8466 ]
[Valid(teacher)][10][UTTT] AML = 0.290942 | Mov = 0.172028 | VoV = 0.006414 ]
Train: 100% 622/622 [02:32<00:00, 4.00 step/s]
Average loss=0.15200450040027005
Valid(teacher): 100% 1866/1866 [00:04<00:00, 233.93 step/s]

[Valid(teacher)][11][UTTT] MSE = 1.1186 | LCC = 0.7119 | SRCC = 0.7297 | [SYS][ MSE = 0.7790 | LCC = 0.8421 | SRCC = 0.8503 ]
[Valid(teacher)][11][UTTT] AML = 0.283093 | Mov = 0.161744 | VoV = 0.006029 ]
Train: 100% 622/622 [02:32<00:00, 4.00 step/s]
Average loss=0.14010025768470764
Valid(teacher): 100% 1866/1866 [00:04<00:00, 230.53 step/s]

[Valid(teacher)][12][UTTT] MSE = 1.0155 | LCC = 0.7219 | SRCC = 0.7354 | [SYS][ MSE = 0.6820 | LCC = 0.8501 | SRCC = 0.8501 ]
[Valid(teacher)][12][UTTT] AML = 0.307997 | Mov = 0.159511 | VoV = 0.005003 ]
Train: 100% 622/622 [02:31<00:00, 4.10 step/s]
Average loss=0.103075949549675
Valid(teacher): 100% 1866/1866 [00:04<00:00, 229.03 step/s]

[Valid(teacher)][13][UTTT] MSE = 0.9952 | LCC = 0.7234 | SRCC = 0.7364 | [SYS][ MSE = 0.6577 | LCC = 0.8533 | SRCC = 0.8613 ]
[Valid(teacher)][13][UTTT] AML = 0.311740 | Mov = 0.153369 | VoV = 0.005493 ]
Train: 100% 622/622 [02:31<00:00, 4.12 step/s]
Average loss=0.2102765589952469
Valid(teacher): 100% 1866/1866 [00:04<00:00, 232.00 step/s]

[Valid(teacher)][14][UTTT] MSE = 0.9311 | LCC = 0.7310 | SRCC = 0.7416 | [SYS][ MSE = 0.6023 | LCC = 0.8602 | SRCC = 0.8663 ]
[Valid(teacher)][14][UTTT] AML = 0.335951 | Mov = 0.130269 | VoV = 0.005254 ]
Train: 100% 622/622 [02:32<00:00, 4.09 step/s]
Average loss=0.22273084247379303
Valid(teacher): 100% 1866/1866 [00:04<00:00, 232.67 step/s]

[Valid(teacher)][15][UTTT] MSE = 0.8507 | LCC = 0.7360 | SRCC = 0.7440 | [SYS][ MSE = 0.5359 | LCC = 0.8630 | SRCC = 0.8668 ]
[Valid(teacher)][15][UTTT] AML = 0.352826 | Mov = 0.140168 | VoV = 0.004923 ]
Train: 100% 622/622 [02:32<00:00, 4.09 step/s]
Average loss=0.24200453030025226
Valid(teacher): 100% 1866/1866 [00:04<00:00, 234.57 step/s]

[Valid(teacher)][16][UTTT] MSE = 0.8425 | LCC = 0.7302 | SRCC = 0.7455 | [SYS][ MSE = 0.5200 | LCC = 0.8600 | SRCC = 0.8695 ]
[Valid(teacher)][16][UTTT] AML = 0.357636 | Mov = 0.143653 | VoV = 0.004665 ]
Train: 100% 622/622 [02:31<00:00, 4.10 step/s]
Average loss=0.2450422492790222
Valid(teacher): 100% 1866/1866 [00:04<00:00, 228.00 step/s]

[Valid(teacher)][17][UTTT] MSE = 0.8534 | LCC = 0.7392 | SRCC = 0.7471 | [SYS][ MSE = 0.5316 | LCC = 0.8690 | SRCC = 0.8726 ]
[Valid(teacher)][17][UTTT] AML = 0.353103 | Mov = 0.140330 | VoV = 0.004513 ]
Train: 100% 622/622 [02:32<00:00, 4.10 step/s]
Average loss=0.2752925455570221
Valid(teacher): 100% 1866/1866 [00:04<00:00, 233.24 step/s]

[Valid(teacher)][18][UTTT] MSE = 0.8506 | LCC = 0.7419 | SRCC = 0.7500 | [SYS][ MSE = 0.5327 | LCC = 0.8703 | SRCC = 0.8736 ]
[Valid(teacher)][18][UTTT] AML = 0.352412 | Mov = 0.135643 | VoV = 0.004307 ]
Train: 100% 622/622 [02:32<00:00, 4.09 step/s]
Average loss=0.28117045740154724
Valid(teacher): 100% 1866/1866 [00:04<00:00, 230.15 step/s]

[Valid(teacher)][19][UTTT] MSE = 0.8436 | LCC = 0.7430 | SRCC = 0.7523 | [SYS][ MSE = 0.5254 | LCC = 0.8729 | SRCC = 0.8771 ]
[Valid(teacher)][19][UTTT] AML = 0.350541 | Mov = 0.132094 | VoV = 0.004096 ]
Train: 100% 622/622 [02:32<00:00, 4.00 step/s]
Average loss=0.2935274059404245
Valid(teacher): 100% 1866/1866 [00:04<00:00, 219.52 step/s]

[Valid(teacher)][20][UTTT] MSE = 0.8600 | LCC = 0.7430 | SRCC = 0.7532 | [SYS][ MSE = 0.5431 | LCC = 0.8730 | SRCC = 0.8777 ]
[Valid(teacher)][20][UTTT] AML = 0.349506 | Mov = 0.127927 | VoV = 0.003706 ]
Train: 100% 622/622 [02:31<00:00, 4.10 step/s]
Average loss=0.2740157124519348
Valid(teacher): 100% 1866/1866 [00:04<00:00, 232.22 step/s]

[Valid(teacher)][21][UTTT] MSE = 0.8543 | LCC = 0.7450 | SRCC = 0.7544 | [SYS][ MSE = 0.5407 | LCC = 0.8752 | SRCC = 0.8702 ]
[Valid(teacher)][21][UTTT] AML = 0.350539 | Mov = 0.125159 | VoV = 0.003499 ]
Train: 100% 622/622 [02:32<00:00, 4.00 step/s]
Average loss=0.23215045942950032
Valid(teacher): 100% 1866/1866 [00:04<00:00, 231.57 step/s]

[Valid(teacher)][22][UTTT] MSE = 0.9134 | LCC = 0.7431 | SRCC = 0.7544 | [SYS][ MSE = 0.5956 | LCC = 0.8710 | SRCC = 0.8750 ]
[Valid(teacher)][22][UTTT] AML = 0.331069 | Mov = 0.118806 | VoV = 0.003777 ]
Train: 100% 622/622 [02:31<00:00, 4.11 step/s]
Average loss=0.3250654473030000
Valid(teacher): 100% 1866/1866 [00:04<00:00, 227.21 step/s]

[Valid(teacher)][23][UTTT] MSE = 0.8739 | LCC = 0.7445 | SRCC = 0.7557 | [SYS][ MSE = 0.5611 | LCC = 0.8714 | SRCC = 0.8760 ]
[Valid(teacher)][23][UTTT] AML = 0.346490 | Mov = 0.118476 | VoV = 0.003209 ]
Train: 100% 622/622 [02:31<00:00, 4.10 step/s]
Average loss=0.335365891456004
Valid(teacher): 100% 1866/1866 [00:04<00:00, 222.23 step/s]

[Valid(teacher)][24][UTTT] MSE = 0.8096 | LCC = 0.7447 | SRCC = 0.7561 | [SYS][ MSE = 0.5777 | LCC = 0.8719 | SRCC = 0.8774 ]
[Valid(teacher)][24][UTTT] AML = 0.339541 | Mov = 0.115262 | VoV = 0.003146 ]
Train: 100% 622/622 [02:31<00:00, 4.10 step/s]
Average loss=0.3537852168003191
Valid(teacher): 100% 1866/1866 [00:04<00:00, 228.27 step/s]

[Valid(teacher)][25][UTTT] MSE = 0.8776 | LCC = 0.7456 | SRCC = 0.7560 | [SYS][ MSE = 0.5639 | LCC = 0.8719 | SRCC = 0.8750 ]
[Valid(teacher)][25][UTTT] AML = 0.343400 | Mov = 0.113409 | VoV = 0.003076 ]
Train: 100% 622/622 [02:31<00:00, 4.10 step/s]
Average loss=0.3540514326477005
Valid(teacher): 100% 1866/1866 [00:04<00:00, 229.00 step/s]

[Valid(teacher)][26][UTTT] MSE = 0.8977 | LCC = 0.7420 | SRCC = 0.7535 | [SYS][ MSE = 0.5700 | LCC = 0.8709 | SRCC = 0.8742 ]
[Valid(teacher)][26][UTTT] AML = 0.337460 | Mov = 0.109021 | VoV = 0.002910 ]
Train: 100% 622/622 [02:31<00:00, 4.11 step/s]
Average loss=0.2210092929515004
Valid(teacher): 100% 1866/1866 [00:04<00:00, 233.71 step/s]

[Valid(teacher)][27][UTTT] MSE = 0.8533 | LCC = 0.7427 | SRCC = 0.7532 | [SYS][ MSE = 0.5361 | LCC = 0.8710 | SRCC = 0.8749 ]
[Valid(teacher)][27][UTTT] AML = 0.350110 | Mov = 0.109533 | VoV = 0.002830 ]
Train: 100% 622/622 [02:31<00:00, 4.10 step/s]
Average loss=0.2345500309544007
Valid(teacher): 100% 1866/1866 [00:04<00:00, 228.75 step/s]

[Valid(teacher)][28][UTTT] MSE = 0.8506 | LCC = 0.7431 | SRCC = 0.7527 | [SYS][ MSE = 0.5350 | LCC = 0.8710 | SRCC = 0.8750 ]
[Valid(teacher)][28][UTTT] AML = 0.350350 | Mov = 0.107500 | VoV = 0.002700 ]
Train: 100% 622/622 [02:32<00:00, 4.09 step/s]
Average loss=0.309204740524292
Valid(teacher): 100% 1866/1866 [00:04<00:00, 232.03 step/s]

[Valid(teacher)][29][UTTT] MSE = 0.8407 | LCC = 0.7446 | SRCC = 0.7540 | [SYS][ MSE = 0.5335 | LCC = 0.8722 | SRCC = 0.8772 ]
[Valid(teacher)][29][UTTT] AML = 0.350411 | Mov = 0.105659 | VoV = 0.002572 ]
Train: 100% 622/622 [02:31<00:00, 4.12 step/s]
Average loss=0.3994296191322864
Valid(teacher): 100% 1866/1866 [00:04<00:00, 232.49 step/s]

[Valid(teacher)][30][UTTT] MSE = 0.9022 | LCC = 0.7421 | SRCC = 0.7536 | [SYS][ MSE = 0.5846 | LCC = 0.8690 | SRCC = 0.8754 ]
[Valid(teacher)][30][UTTT] AML = 0.330450 | Mov = 0.101450 | VoV = 0.002400 ]
Train: 100% 622/622 [02:30<00:00, 4.13 step/s]
Average loss=0.36776262521743774
Valid(teacher): 100% 1866/1866 [00:04<00:00, 230.02 step/s]

[Valid(teacher)][31][UTTT] MSE = 0.8731 | LCC = 0.7442 | SRCC = 0.7539 | [SYS][ MSE = 0.5616 | LCC = 0.8697 | SRCC = 0.8750 ]
[Valid(teacher)][31][UTTT] AML = 0.349050 | Mov = 0.100041 | VoV = 0.002400 ]
Train: 100% 622/622 [02:31<00:00, 4.11 step/s]
Average loss=0.4154322220431707
Valid(teacher): 100% 1866/1866 [00:04<00:00, 232.95 step/s]

[Valid(teacher)][32][UTTT] MSE = 0.8112 | LCC = 0.7481 | SRCC = 0.7553 | [SYS][ MSE = 0.5050 | LCC = 0.8725 | SRCC = 0.8750 ]
[Valid(teacher)][32][UTTT] AML = 0.371979 | Mov = 0.101599 | VoV = 0.002393 ]
```

```
Train: 100% 622/622 [02:30<00:00, 4.13 step/s]
Average loss=-0.4262475371360779
Valid(teacher): 100% 1866/1866 [00:04<00:00, 233.53 step/s]

[Valid(teacher)][33][UTT][ MSE = 0.8159 | LCC = 0.7489 | SRCC = 0.7555 ] [SYS][ MSE = 0.5184 | LCC = 0.8719 | SRCC = 0.8750 ]
[Valid(teacher)][33][UTT][ AML = 0.369952 | MoV = 0.899488 | VoV = 0.001558 ]
Train: 100% 622/622 [02:30<00:00, 4.12 step/s]
Average loss=-0.4260646143431445
Valid(teacher): 100% 1866/1866 [00:04<00:00, 229.31 step/s]

[Valid(teacher)][34][UTT][ MSE = 0.8181 | LCC = 0.7482 | SRCC = 0.7556 ] [SYS][ MSE = 0.5149 | LCC = 0.8781 | SRCC = 0.8736 ]
[Valid(teacher)][34][UTT][ AML = 0.371162 | MoV = 0.897770 | VoV = 0.002266 ]
Train: 100% 622/622 [02:32<00:00, 4.09 step/s]
Average loss=-0.446706823817444
Valid(teacher): 100% 1866/1866 [00:04<00:00, 226.64 step/s]

[Valid(teacher)][35][UTT][ MSE = 0.7511 | LCC = 0.7534 | SRCC = 0.7590 ] [SYS][ MSE = 0.4572 | LCC = 0.8739 | SRCC = 0.8770 ]
[Valid(teacher)][35][UTT][ AML = 0.481939 | MoV = 0.897927 | VoV = 0.002179 ]
Train: 100% 622/622 [02:34<00:00, 4.09 step/s]
Average loss=-0.4484351198114746
Valid(teacher): 100% 1866/1866 [00:04<00:00, 216.29 step/s]

[Valid(teacher)][36][UTT][ MSE = 0.8093 | LCC = 0.7526 | SRCC = 0.7586 ] [SYS][ MSE = 0.5097 | LCC = 0.8733 | SRCC = 0.8774 ]
[Valid(teacher)][36][UTT][ AML = 0.372818 | MoV = 0.895572 | VoV = 0.002030 ]
Train: 100% 622/622 [02:32<00:00, 4.80 step/s]
Average loss=-0.47219976782798767
Valid(teacher): 100% 1866/1866 [00:04<00:00, 227.56 step/s]

[Valid(teacher)][37][UTT][ MSE = 0.8219 | LCC = 0.7524 | SRCC = 0.7580 ] [SYS][ MSE = 0.5216 | LCC = 0.8735 | SRCC = 0.8777 ]
[Valid(teacher)][37][UTT][ AML = 0.365894 | MoV = 0.893233 | VoV = 0.001986 ]
Train: 100% 622/622 [02:34<00:00, 4.10 step/s]
Average loss=-0.4726821482181549
Valid(teacher): 100% 1866/1866 [00:04<00:00, 233.47 step/s]

[Valid(teacher)][38][UTT][ MSE = 0.7862 | LCC = 0.7521 | SRCC = 0.7567 ] [SYS][ MSE = 0.4873 | LCC = 0.8758 | SRCC = 0.8781 ]
[Valid(teacher)][38][UTT][ AML = 0.352483 | MoV = 0.893775 | VoV = 0.001775 ]
Train: 100% 622/622 [02:31<00:00, 4.09 step/s]
Average loss=-0.48649272418869584
Valid(teacher): 100% 1866/1866 [00:04<00:00, 228.42 step/s]

[Valid(teacher)][39][UTT][ MSE = 0.7411 | LCC = 0.7536 | SRCC = 0.7579 ] [SYS][ MSE = 0.4627 | LCC = 0.8775 | SRCC = 0.8799 ]
[Valid(teacher)][39][UTT][ AML = 0.392516 | MoV = 0.898278 | VoV = 0.001810 ]
Train: 100% 622/622 [02:31<00:00, 4.11 step/s]
Average loss=-0.4907987786711926
Valid(teacher): 100% 1866/1866 [00:04<00:00, 234.86 step/s]

[Valid(teacher)][40][UTT][ MSE = 0.7452 | LCC = 0.7543 | SRCC = 0.7582 ] [SYS][ MSE = 0.4479 | LCC = 0.8788 | SRCC = 0.8885 ]
[Valid(teacher)][40][UTT][ AML = 0.399515 | MoV = 0.888974 | VoV = 0.001740 ]
Train: 100% 622/622 [02:30<00:00, 4.12 step/s]
Average loss=-0.488464682915741
Valid(teacher): 100% 1866/1866 [00:04<00:00, 233.42 step/s]

[Valid(teacher)][41][UTT][ MSE = 0.7718 | LCC = 0.7533 | SRCC = 0.7582 ] [SYS][ MSE = 0.4739 | LCC = 0.8775 | SRCC = 0.8803 ]
[Valid(teacher)][41][UTT][ AML = 0.387339 | MoV = 0.886768 | VoV = 0.001674 ]
Train: 100% 622/622 [02:32<00:00, 4.11 step/s]
Average loss=-0.4780599618885515
Valid(teacher): 100% 1866/1866 [00:04<00:00, 228.85 step/s]

[Valid(teacher)][42][UTT][ MSE = 0.7289 | LCC = 0.7567 | SRCC = 0.7601 ] [SYS][ MSE = 0.4296 | LCC = 0.8812 | SRCC = 0.8830 ]
[Valid(teacher)][42][UTT][ AML = 0.411968 | MoV = 0.887472 | VoV = 0.001665 ]
Train: 100% 622/622 [02:30<00:00, 4.13 step/s]
Average loss=-0.512378349998045
Valid(teacher): 100% 1866/1866 [00:04<00:00, 232.66 step/s]

[Valid(teacher)][43][UTT][ MSE = 0.7187 | LCC = 0.7556 | SRCC = 0.7588 ] [SYS][ MSE = 0.4294 | LCC = 0.8778 | SRCC = 0.8802 ]
[Valid(teacher)][43][UTT][ AML = 0.415432 | MoV = 0.886085 | VoV = 0.001683 ]
Train: 100% 622/622 [02:32<00:00, 4.07 step/s]
Average loss=-0.531848487388856763
Valid(teacher): 100% 1866/1866 [00:04<00:00, 226.86 step/s]

[Valid(teacher)][44][UTT][ MSE = 0.7228 | LCC = 0.7543 | SRCC = 0.7571 ] [SYS][ MSE = 0.4385 | LCC = 0.8752 | SRCC = 0.8759 ]
[Valid(teacher)][44][UTT][ AML = 0.414714 | MoV = 0.885149 | VoV = 0.001572 ]
Train: 100% 622/622 [02:31<00:00, 4.10 step/s]
Average loss=-0.523999551711896
Valid(teacher): 100% 1866/1866 [00:04<00:00, 234.33 step/s]

[Valid(teacher)][45][UTT][ MSE = 0.7222 | LCC = 0.7552 | SRCC = 0.7582 ] [SYS][ MSE = 0.4326 | LCC = 0.8758 | SRCC = 0.8736 ]
[Valid(teacher)][45][UTT][ AML = 0.415192 | MoV = 0.883834 | VoV = 0.001526 ]
Train: 100% 622/622 [02:30<00:00, 4.12 step/s]
Average loss=-0.5332451389123574
Valid(teacher): 100% 1866/1866 [00:04<00:00, 233.11 step/s]

[Valid(teacher)][46][UTT][ MSE = 0.6973 | LCC = 0.7579 | SRCC = 0.7605 ] [SYS][ MSE = 0.4094 | LCC = 0.8783 | SRCC = 0.8788 ]
[Valid(teacher)][46][UTT][ AML = 0.429169 | MoV = 0.883778 | VoV = 0.001582 ]
Train: 100% 622/622 [02:30<00:00, 4.12 step/s]
Average loss=-0.546646237373352
Valid(teacher): 100% 1866/1866 [00:04<00:00, 233.79 step/s]

[Valid(teacher)][47][UTT][ MSE = 0.6446 | LCC = 0.7623 | SRCC = 0.7635 ] [SYS][ MSE = 0.3630 | LCC = 0.8822 | SRCC = 0.8819 ]
[Valid(teacher)][47][UTT][ AML = 0.458442 | MoV = 0.884142 | VoV = 0.001444 ]
Train: 100% 622/622 [02:32<00:00, 4.10 step/s]
Average loss=-0.5551875829696655
Valid(teacher): 100% 1866/1866 [00:04<00:00, 228.35 step/s]

[Valid(teacher)][48][UTT][ MSE = 0.6474 | LCC = 0.7615 | SRCC = 0.7628 ] [SYS][ MSE = 0.3637 | LCC = 0.8888 | SRCC = 0.8816 ]
[Valid(teacher)][48][UTT][ AML = 0.451831 | MoV = 0.882683 | VoV = 0.001382 ]
Train: 100% 622/622 [02:32<00:00, 4.08 step/s]
Average loss=-0.5632962584495544
Valid(teacher): 100% 1866/1866 [00:04<00:00, 231.64 step/s]

[Valid(teacher)][49][UTT][ MSE = 0.6757 | LCC = 0.7594 | SRCC = 0.7616 ] [SYS][ MSE = 0.3983 | LCC = 0.8881 | SRCC = 0.8883 ]
[Valid(teacher)][49][UTT][ AML = 0.443140 | MoV = 0.879973 | VoV = 0.001345 ]
Train: 100% 622/622 [02:32<00:00, 4.08 step/s]
Average loss=-0.5458628279884338
Valid(teacher): 100% 1866/1866 [00:04<00:00, 231.88 step/s]

[Valid(teacher)][50][UTT][ MSE = 0.6787 | LCC = 0.7579 | SRCC = 0.7610 ] [SYS][ MSE = 0.3916 | LCC = 0.8880 | SRCC = 0.8814 ]
[Valid(teacher)][50][UTT][ AML = 0.441729 | MoV = 0.879377 | VoV = 0.001348 ]
Train: 100% 622/622 [02:32<00:00, 4.09 step/s]
Average loss=-0.5807317824363788
Valid(teacher): 100% 1866/1866 [00:04<00:00, 232.17 step/s]

[Valid(teacher)][51][UTT][ MSE = 0.6545 | LCC = 0.7686 | SRCC = 0.7632 ] [SYS][ MSE = 0.3688 | LCC = 0.8826 | SRCC = 0.8835 ]
[Valid(teacher)][51][UTT][ AML = 0.453825 | MoV = 0.879372 | VoV = 0.001356 ]
Train: 100% 622/622 [02:33<00:00, 4.06 step/s]
Average loss=-0.5887677587488513
Valid(teacher): 100% 1866/1866 [00:04<00:00, 232.96 step/s]

[Valid(teacher)][52][UTT][ MSE = 0.6299 | LCC = 0.7618 | SRCC = 0.7639 ] [SYS][ MSE = 0.3481 | LCC = 0.8822 | SRCC = 0.8827 ]
[Valid(teacher)][52][UTT][ AML = 0.468190 | MoV = 0.879187 | VoV = 0.001383 ]
Train: 100% 622/622 [02:32<00:00, 4.08 step/s]
Average loss=-0.5835080872612
Valid(teacher): 100% 1866/1866 [00:04<00:00, 227.85 step/s]

[Valid(teacher)][53][UTT][ MSE = 0.6233 | LCC = 0.7684 | SRCC = 0.7619 ] [SYS][ MSE = 0.3397 | LCC = 0.8884 | SRCC = 0.8817 ]
[Valid(teacher)][53][UTT][ AML = 0.475142 | MoV = 0.878769 | VoV = 0.001283 ]
Train: 100% 622/622 [02:31<00:00, 4.11 step/s]
Average loss=-0.5984851397323688
Valid(teacher): 100% 1866/1866 [00:04<00:00, 230.34 step/s]

[Valid(teacher)][54][UTT][ MSE = 0.5993 | LCC = 0.7628 | SRCC = 0.7638 ] [SYS][ MSE = 0.3226 | LCC = 0.8815 | SRCC = 0.8816 ]
[Valid(teacher)][54][UTT][ AML = 0.488830 | MoV = 0.878468 | VoV = 0.001233 ]
Train: 100% 622/622 [02:31<00:00, 4.10 step/s]
Average loss=-0.591619618786438
Valid(teacher): 100% 1866/1866 [00:04<00:00, 233.44 step/s]

[Valid(teacher)][55][UTT][ MSE = 0.5942 | LCC = 0.7625 | SRCC = 0.7622 ] [SYS][ MSE = 0.3161 | LCC = 0.8824 | SRCC = 0.8827 ]
[Valid(teacher)][55][UTT][ AML = 0.493962 | MoV = 0.877655 | VoV = 0.001217 ]
Train: 100% 622/622 [02:32<00:00, 4.09 step/s]
Average loss=-0.593823373177185
Valid(teacher): 100% 1866/1866 [00:04<00:00, 229.14 step/s]

[Valid(teacher)][56][UTT][ MSE = 0.5921 | LCC = 0.7623 | SRCC = 0.7629 ] [SYS][ MSE = 0.3142 | LCC = 0.8832 | SRCC = 0.8830 ]
[Valid(teacher)][56][UTT][ AML = 0.495233 | MoV = 0.876795 | VoV = 0.001190 ]
Train: 100% 622/622 [02:32<00:00, 4.09 step/s]
Average loss=-0.5998373851610211
Valid(teacher): 100% 1866/1866 [00:04<00:00, 227.28 step/s]

[Valid(teacher)][57][UTT][ MSE = 0.5610 | LCC = 0.7649 | SRCC = 0.7649 ] [SYS][ MSE = 0.2849 | LCC = 0.8866 | SRCC = 0.8864 ]
[Valid(teacher)][57][UTT][ AML = 0.513758 | MoV = 0.877458 | VoV = 0.001199 ]
Train: 100% 622/622 [02:31<00:00, 4.10 step/s]
Average loss=-0.5959157347679138
Valid(teacher): 100% 1866/1866 [00:04<00:00, 231.71 step/s]

[Valid(teacher)][58][UTT][ MSE = 0.5824 | LCC = 0.7634 | SRCC = 0.7635 ] [SYS][ MSE = 0.3044 | LCC = 0.8848 | SRCC = 0.8848 ]
[Valid(teacher)][58][UTT][ AML = 0.588866 | MoV = 0.876333 | VoV = 0.001170 ]
Train: 100% 622/622 [02:30<00:00, 4.13 step/s]
Average loss=-0.615544855594635
Valid(teacher): 100% 1866/1866 [00:04<00:00, 230.98 step/s]

[Valid(teacher)][59][UTT][ MSE = 0.5782 | LCC = 0.7631 | SRCC = 0.7636 ] [SYS][ MSE = 0.2985 | LCC = 0.8844 | SRCC = 0.8852 ]
[Valid(teacher)][59][UTT][ AML = 0.581323 | MoV = 0.878899 | VoV = 0.001182 ]
Train: 100% 622/622 [02:31<00:00, 4.10 step/s]
Average loss=-0.5695861683654785
Valid(teacher): 100% 1866/1866 [00:04<00:00, 233.69 step/s]

[Valid(teacher)][60][UTT][ MSE = 0.5582 | LCC = 0.7655 | SRCC = 0.7657 ] [SYS][ MSE = 0.2747 | LCC = 0.8875 | SRCC = 0.8877 ]
[Valid(teacher)][60][UTT][ AML = 0.514552 | MoV = 0.876554 | VoV = 0.001160 ]
Best model performance test:
Test(best): 0% 0/1866 [00:00<?, ? step/s]/home/x_xilian/.conda/envs/ixgpus/lib/python3.8/site-packages/torch/nnc/modules/znn.py:77a: 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:948.)
result = _VF.lstn(input, hx, self._flat_weights, self.bias, self.num_layers,
Test(best): 100% 1866/1866 [00:04<00:00, 219.56 step/s]

[Test(best)][61][UTT][ MSE = 0.7856 | LCC = 0.7239 | SRCC = 0.7177 ] [SYS][ MSE = 0.5125 | LCC = 0.8527 | SRCC = 0.8553 ]
[Test(best)][61][UTT][ AML = 0.480873 | MoV = 0.875587 | VoV = 0.002168 ]
[ixgpus] [x_xilian@node843 DeepMOS]$
```