

```
[x_kilannode851 DeepPMJS] python train.py --lamb csl.5 --lamb t=0 --save_path"/runs/csl5.1/run7/"
Loading all wav files.
100% [x_kilannode851 DeepPMJS] python train.py --lamb csl.5 --lamb t=0 --save_path"/runs/csl5.1/run7/" 54840/54840 [07:45:00:00, 116.17it/s]
/proj/horse_2021/users/x_kilannode851 DeepPMJS/dataset.py:59: SettingWithCopyWarning:
A value is trying to be set on a copy of a slice from a DataFrame
See the caveats in the documentation: https://pandas.pydata.org/pandas-docs/stable/user_guide/indexing.html#returning-a-view-versus-a-copy
self.scores['JUDGE'][i] = self.idtable[judge_i]
Loading all wav files.
100% [x_kilannode851 DeepPMJS] python train.py --lamb csl.5 --lamb t=0 --save_path"/runs/csl5.1/run7/" 3000/3000 [01:42:00:00, 29.34it/s]
/proj/horse_2021/users/x_kilannode851 DeepPMJS/dataset.py:59: SettingWithCopyWarning:
A value is trying to be set on a copy of a slice from a DataFrame
See the caveats in the documentation: https://pandas.pydata.org/pandas-docs/stable/user_guide/indexing.html#returning-a-view-versus-a-copy
self.scores['JUDGE'][i] = self.idtable[judge_i]
Loading all wav files.
100% [x_kilannode851 DeepPMJS] python train.py --lamb csl.5 --lamb t=0 --save_path"/runs/csl5.1/run7/" 4000/4000 [02:17:00:00, 29.09it/s]
/proj/horse_2021/users/x_kilannode851 DeepPMJS/dataset.py:59: SettingWithCopyWarning:
A value is trying to be set on a copy of a slice from a DataFrame
See the caveats in the documentation: https://pandas.pydata.org/pandas-docs/stable/user_guide/indexing.html#returning-a-view-versus-a-copy
self.scores['JUDGE'][i] = self.idtable[judge_i]
Train: 100% 845/845 [03:26:00:00, 4.10 step/s]
Average loss=0.8359, 0.7734375
Valid(teacher): 100% 3000/3000 [00:15:00:00, 192.09 step/s]
[Valid(teacher)][0][UTTI] MSE = 1.9038 | LCC = 0.4833 | SRCC = 0.4607 | [SYS][ MSE = 1.7018 | LCC = 0.8371 | SRCC = 0.8414 ]
[Valid(teacher)][0][UTTI] AML = 0.221911 | MoV = 0.841251 | VoV = 0.021666 ]
Train: 100% 845/845 [03:26:00:00, 4.13 step/s]
Average loss=0.499598426834259
Valid(teacher): 100% 3000/3000 [00:14:00:00, 201.03 step/s]
[Valid(teacher)][1][UTTI] MSE = 1.6981 | LCC = 0.5627 | SRCC = 0.5256 | [SYS][ MSE = 1.3375 | LCC = 0.9031 | SRCC = 0.8824 ]
[Valid(teacher)][1][UTTI] AML = 0.212729 | MoV = 0.454998 | VoV = 0.037322 ]
Train: 100% 845/845 [03:26:00:00, 4.09 step/s]
Average loss=0.407813194138794
Valid(teacher): 100% 3000/3000 [00:14:00:00, 203.10 step/s]
[Valid(teacher)][2][UTTI] MSE = 1.1713 | LCC = 0.5917 | SRCC = 0.5469 | [SYS][ MSE = 0.7598 | LCC = 0.9310 | SRCC = 0.8632 ]
[Valid(teacher)][2][UTTI] AML = 0.208315 | MoV = 0.413226 | VoV = 0.017426 ]
Train: 100% 845/845 [03:27:00:00, 4.07 step/s]
Average loss=0.3737330397128205
Valid(teacher): 100% 3000/3000 [00:15:00:00, 198.05 step/s]
[Valid(teacher)][3][UTTI] MSE = 1.1478 | LCC = 0.4059 | SRCC = 0.5576 | [SYS][ MSE = 0.7318 | LCC = 0.9501 | SRCC = 0.9002 ]
[Valid(teacher)][3][UTTI] AML = 0.294649 | MoV = 0.399595 | VoV = 0.011303 ]
Train: 100% 845/845 [03:25:00:00, 4.11 step/s]
Average loss=0.3466152887343064
Valid(teacher): 100% 3000/3000 [00:14:00:00, 203.00 step/s]
[Valid(teacher)][4][UTTI] MSE = 1.3068 | LCC = 0.6132 | SRCC = 0.5658 | [SYS][ MSE = 0.8898 | LCC = 0.9576 | SRCC = 0.9063 ]
[Valid(teacher)][4][UTTI] AML = 0.269557 | MoV = 0.356188 | VoV = 0.010120 ]
Train: 100% 845/845 [03:27:00:00, 4.07 step/s]
Average loss=0.3344220091519763
Valid(teacher): 100% 3000/3000 [00:14:00:00, 201.11 step/s]
[Valid(teacher)][5][UTTI] MSE = 1.3076 | LCC = 0.6148 | SRCC = 0.5681 | [SYS][ MSE = 0.8928 | LCC = 0.9600 | SRCC = 0.9152 ]
[Valid(teacher)][5][UTTI] AML = 0.269761 | MoV = 0.359675 | VoV = 0.009475 ]
Train: 100% 845/845 [03:27:00:00, 4.00 step/s]
Average loss=0.31809715790748594
Valid(teacher): 100% 3000/3000 [00:14:00:00, 203.63 step/s]
[Valid(teacher)][6][UTTI] MSE = 1.3944 | LCC = 0.6166 | SRCC = 0.5719 | [SYS][ MSE = 0.9087 | LCC = 0.9630 | SRCC = 0.9186 ]
[Valid(teacher)][6][UTTI] AML = 0.257192 | MoV = 0.352985 | VoV = 0.008334 ]
Train: 100% 845/845 [03:25:00:00, 4.16 step/s]
Average loss=0.30390167236328125
Valid(teacher): 100% 3000/3000 [00:14:00:00, 201.91 step/s]
[Valid(teacher)][7][UTTI] MSE = 1.3094 | LCC = 0.6171 | SRCC = 0.5741 | [SYS][ MSE = 0.9843 | LCC = 0.9656 | SRCC = 0.9207 ]
[Valid(teacher)][7][UTTI] AML = 0.259156 | MoV = 0.351497 | VoV = 0.007264 ]
Train: 100% 845/845 [03:22:00:00, 4.16 step/s]
Average loss=0.29159294162627995
Valid(teacher): 100% 3000/3000 [00:15:00:00, 199.01 step/s]
[Valid(teacher)][8][UTTI] MSE = 1.3500 | LCC = 0.6166 | SRCC = 0.5759 | [SYS][ MSE = 0.9405 | LCC = 0.9669 | SRCC = 0.9221 ]
[Valid(teacher)][8][UTTI] AML = 0.264400 | MoV = 0.351883 | VoV = 0.004048 ]
Train: 100% 845/845 [03:23:00:00, 4.15 step/s]
Average loss=0.2779713867577057
Valid(teacher): 100% 3000/3000 [00:14:00:00, 201.68 step/s]
[Valid(teacher)][9][UTTI] MSE = 1.4056 | LCC = 0.6136 | SRCC = 0.5771 | [SYS][ MSE = 0.9995 | LCC = 0.9675 | SRCC = 0.9214 ]
[Valid(teacher)][9][UTTI] AML = 0.259620 | MoV = 0.343239 | VoV = 0.005519 ]
Train: 100% 845/845 [03:24:00:00, 4.14 step/s]
Average loss=0.265630604961617
Valid(teacher): 100% 3000/3000 [00:15:00:00, 198.70 step/s]
[Valid(teacher)][10][UTTI] MSE = 1.3467 | LCC = 0.6126 | SRCC = 0.5818 | [SYS][ MSE = 0.9364 | LCC = 0.9674 | SRCC = 0.9214 ]
[Valid(teacher)][10][UTTI] AML = 0.270841 | MoV = 0.342276 | VoV = 0.004523 ]
Train: 100% 845/845 [03:25:00:00, 4.11 step/s]
Average loss=0.25813204516345434
Valid(teacher): 100% 3000/3000 [00:14:00:00, 203.49 step/s]
[Valid(teacher)][11][UTTI] MSE = 1.3443 | LCC = 0.6116 | SRCC = 0.5841 | [SYS][ MSE = 0.9351 | LCC = 0.9668 | SRCC = 0.9234 ]
[Valid(teacher)][11][UTTI] AML = 0.278064 | MoV = 0.338484 | VoV = 0.003834 ]
Train: 100% 845/845 [03:25:00:00, 4.10 step/s]
Average loss=0.244279258560258636
Valid(teacher): 100% 3000/3000 [00:15:00:00, 199.79 step/s]
[Valid(teacher)][12][UTTI] MSE = 1.2319 | LCC = 0.6127 | SRCC = 0.5903 | [SYS][ MSE = 0.8134 | LCC = 0.9669 | SRCC = 0.9207 ]
[Valid(teacher)][12][UTTI] AML = 0.288004 | MoV = 0.338065 | VoV = 0.003328 ]
Train: 100% 845/845 [03:26:00:00, 4.10 step/s]
Average loss=0.2319453806269836
Valid(teacher): 100% 3000/3000 [00:14:00:00, 201.35 step/s]
[Valid(teacher)][13][UTTI] MSE = 1.2336 | LCC = 0.6102 | SRCC = 0.5921 | [SYS][ MSE = 0.8130 | LCC = 0.9651 | SRCC = 0.9193 ]
[Valid(teacher)][13][UTTI] AML = 0.289237 | MoV = 0.332242 | VoV = 0.002941 ]
Train: 100% 845/845 [03:26:00:00, 4.09 step/s]
Average loss=0.2224539369347113
Valid(teacher): 100% 3000/3000 [00:14:00:00, 202.38 step/s]
[Valid(teacher)][14][UTTI] MSE = 1.1551 | LCC = 0.6122 | SRCC = 0.5955 | [SYS][ MSE = 0.7274 | LCC = 0.9657 | SRCC = 0.9282 ]
[Valid(teacher)][14][UTTI] AML = 0.202860 | MoV = 0.330894 | VoV = 0.002825 ]
Train: 100% 845/845 [0
```

```
[Valid(teacher)]{29}[UTT][ MSE = 0.6359 | LCC = 0.6388 | SRCC = 0.6127 ] [SYS][ MSE = 0.1628 | LCC = 0.9742 | SRCC = 0.9255 ]
[Valid(teacher)]{29}[UTT][ AML = 0.418852 | MoV = 0.281384 | VoV = 0.002393 ]
Train: 100N 845/845 [03:25:00:00, 4.11 step/s]
Average loss=0.06417892122229141
Valid(teacher): 100N 3000/3000 [00:14:00:00, 200.61 step/s]

[Valid(teacher)]{30}[UTT][ MSE = 0.6859 | LCC = 0.6414 | SRCC = 0.6135 ] [SYS][ MSE = 0.1352 | LCC = 0.9758 | SRCC = 0.9289 ]
[Valid(teacher)]{30}[UTT][ AML = 0.424846 | MoV = 0.281907 | VoV = 0.002293 ]
Train: 100N 845/845 [03:25:00:00, 4.12 step/s]
Average loss=0.0632709545057538
Valid(teacher): 100N 3000/3000 [00:15:00:00, 199.38 step/s]

[Valid(teacher)]{31}[UTT][ MSE = 0.5862 | LCC = 0.6424 | SRCC = 0.6139 ] [SYS][ MSE = 0.1133 | LCC = 0.9762 | SRCC = 0.9337 ]
[Valid(teacher)]{31}[UTT][ AML = 0.430265 | MoV = 0.280517 | VoV = 0.002305 ]
Train: 100N 845/845 [03:25:00:00, 4.11 step/s]
Average loss=0.05406901527140018
Valid(teacher): 100N 3000/3000 [00:14:00:00, 200.22 step/s]

[Valid(teacher)]{32}[UTT][ MSE = 0.6863 | LCC = 0.6416 | SRCC = 0.6131 ] [SYS][ MSE = 0.1357 | LCC = 0.9766 | SRCC = 0.9350 ]
[Valid(teacher)]{32}[UTT][ AML = 0.425755 | MoV = 0.277905 | VoV = 0.002371 ]
Train: 100N 845/845 [03:24:00:00, 4.13 step/s]
Average loss=0.048140812665224075
Valid(teacher): 100N 3000/3000 [00:14:00:00, 203.41 step/s]

[Valid(teacher)]{33}[UTT][ MSE = 0.5919 | LCC = 0.6423 | SRCC = 0.6135 ] [SYS][ MSE = 0.1197 | LCC = 0.9776 | SRCC = 0.9296 ]
[Valid(teacher)]{33}[UTT][ AML = 0.430082 | MoV = 0.275984 | VoV = 0.002369 ]
Train: 100N 845/845 [03:24:00:00, 4.12 step/s]
Average loss=0.03919757157564163
Valid(teacher): 100N 3000/3000 [00:15:00:00, 197.92 step/s]

[Valid(teacher)]{34}[UTT][ MSE = 0.5569 | LCC = 0.6445 | SRCC = 0.6147 ] [SYS][ MSE = 0.0844 | LCC = 0.9777 | SRCC = 0.9289 ]
[Valid(teacher)]{34}[UTT][ AML = 0.435052 | MoV = 0.274928 | VoV = 0.002393 ]
Train: 100N 845/845 [03:25:00:00, 4.12 step/s]
Average loss=0.027940383087234497
Valid(teacher): 100N 3000/3000 [00:14:00:00, 203.38 step/s]

[Valid(teacher)]{35}[UTT][ MSE = 0.5672 | LCC = 0.6449 | SRCC = 0.6138 ] [SYS][ MSE = 0.0974 | LCC = 0.9785 | SRCC = 0.9275 ]
[Valid(teacher)]{35}[UTT][ AML = 0.432072 | MoV = 0.279201 | VoV = 0.002412 ]
Train: 100N 845/845 [03:25:00:00, 4.12 step/s]
Average loss=0.0254048122101515
Valid(teacher): 100N 3000/3000 [00:15:00:00, 199.65 step/s]

[Valid(teacher)]{36}[UTT][ MSE = 0.5670 | LCC = 0.6448 | SRCC = 0.6131 ] [SYS][ MSE = 0.0947 | LCC = 0.9782 | SRCC = 0.9241 ]
[Valid(teacher)]{36}[UTT][ AML = 0.438374 | MoV = 0.269685 | VoV = 0.002389 ]
Train: 100N 845/845 [03:25:00:00, 4.12 step/s]
Average loss=0.0148647000705941734
Valid(teacher): 100N 3000/3000 [00:14:00:00, 202.60 step/s]

[Valid(teacher)]{37}[UTT][ MSE = 0.5633 | LCC = 0.6428 | SRCC = 0.6117 ] [SYS][ MSE = 0.0873 | LCC = 0.9780 | SRCC = 0.9268 ]
[Valid(teacher)]{37}[UTT][ AML = 0.440969 | MoV = 0.263913 | VoV = 0.002381 ]
Train: 100N 845/845 [03:25:00:00, 4.15 step/s]
Average loss=0.000183280957273638
Valid(teacher): 100N 3000/3000 [00:15:00:00, 199.99 step/s]

[Valid(teacher)]{38}[UTT][ MSE = 0.5579 | LCC = 0.6447 | SRCC = 0.6138 ] [SYS][ MSE = 0.0873 | LCC = 0.9783 | SRCC = 0.9262 ]
[Valid(teacher)]{38}[UTT][ AML = 0.442408 | MoV = 0.264961 | VoV = 0.002382 ]
Train: 100N 845/845 [03:25:00:00, 4.11 step/s]
Average loss=0.001039692484582067
Valid(teacher): 100N 3000/3000 [00:15:00:00, 199.05 step/s]

[Valid(teacher)]{39}[UTT][ MSE = 0.5373 | LCC = 0.6458 | SRCC = 0.6149 ] [SYS][ MSE = 0.0656 | LCC = 0.9784 | SRCC = 0.9262 ]
[Valid(teacher)]{39}[UTT][ AML = 0.445845 | MoV = 0.262574 | VoV = 0.002399 ]
Train: 100N 845/845 [03:25:00:00, 4.10 step/s]
Average loss=0.00760813065351545
Valid(teacher): 100N 3000/3000 [00:15:00:00, 199.39 step/s]

[Valid(teacher)]{40}[UTT][ MSE = 0.5247 | LCC = 0.6453 | SRCC = 0.6137 ] [SYS][ MSE = 0.0502 | LCC = 0.9779 | SRCC = 0.9323 ]
[Valid(teacher)]{40}[UTT][ AML = 0.452072 | MoV = 0.268367 | VoV = 0.002355 ]
Train: 100N 845/845 [03:25:00:00, 4.12 step/s]
Average loss=0.000873624223470608
Valid(teacher): 100N 3000/3000 [00:14:00:00, 200.19 step/s]

[Valid(teacher)]{41}[UTT][ MSE = 0.5267 | LCC = 0.6465 | SRCC = 0.6142 ] [SYS][ MSE = 0.0573 | LCC = 0.9791 | SRCC = 0.9330 ]
[Valid(teacher)]{41}[UTT][ AML = 0.450236 | MoV = 0.264859 | VoV = 0.002449 ]
Train: 100N 845/845 [03:25:00:00, 4.12 step/s]
Average loss=0.01486903765757942
Valid(teacher): 100N 3000/3000 [00:15:00:00, 199.44 step/s]

[Valid(teacher)]{42}[UTT][ MSE = 0.5398 | LCC = 0.6465 | SRCC = 0.6146 ] [SYS][ MSE = 0.0748 | LCC = 0.9796 | SRCC = 0.9344 ]
[Valid(teacher)]{42}[UTT][ AML = 0.446198 | MoV = 0.263574 | VoV = 0.002416 ]
Train: 100N 845/845 [03:25:00:00, 4.09 step/s]
Average loss=0.02090211603511734
Valid(teacher): 100N 3000/3000 [00:14:00:00, 203.37 step/s]

[Valid(teacher)]{43}[UTT][ MSE = 0.5382 | LCC = 0.6460 | SRCC = 0.6146 ] [SYS][ MSE = 0.0712 | LCC = 0.9802 | SRCC = 0.9344 ]
[Valid(teacher)]{43}[UTT][ AML = 0.447164 | MoV = 0.260637 | VoV = 0.002474 ]
Train: 100N 845/845 [03:25:00:00, 4.11 step/s]
Average loss=0.026826774701476097
Valid(teacher): 100N 3000/3000 [00:15:00:00, 197.55 step/s]

[Valid(teacher)]{44}[UTT][ MSE = 0.5163 | LCC = 0.6451 | SRCC = 0.6138 ] [SYS][ MSE = 0.0443 | LCC = 0.9792 | SRCC = 0.9268 ]
[Valid(teacher)]{44}[UTT][ AML = 0.454748 | MoV = 0.256284 | VoV = 0.002382 ]
Train: 100N 845/845 [03:25:00:00, 4.11 step/s]
Average loss=0.03628139578355415
Valid(teacher): 100N 3000/3000 [00:14:00:00, 200.27 step/s]

[Valid(teacher)]{45}[UTT][ MSE = 0.5248 | LCC = 0.6461 | SRCC = 0.6145 ] [SYS][ MSE = 0.0552 | LCC = 0.9801 | SRCC = 0.9371 ]
[Valid(teacher)]{45}[UTT][ AML = 0.452072 | MoV = 0.255284 | VoV = 0.002405 ]
Train: 100N 845/845 [03:25:00:00, 4.10 step/s]
Average loss=0.0423811870308592
Valid(teacher): 100N 3000/3000 [00:14:00:00, 200.20 step/s]

[Valid(teacher)]{46}[UTT][ MSE = 0.5471 | LCC = 0.6442 | SRCC = 0.6127 ] [SYS][ MSE = 0.0777 | LCC = 0.9803 | SRCC = 0.9350 ]
[Valid(teacher)]{46}[UTT][ AML = 0.446582 | MoV = 0.255082 | VoV = 0.002409 ]
Train: 100N 845/845 [03:24:00:00, 4.13 step/s]
Average loss=0.0402675991924193
Valid(teacher): 100N 3000/3000 [00:15:00:00, 198.96 step/s]

[Valid(teacher)]{47}[UTT][ MSE = 0.5446 | LCC = 0.6427 | SRCC = 0.6120 ] [SYS][ MSE = 0.0757 | LCC = 0.9802 | SRCC = 0.9371 ]
[Valid(teacher)]{47}[UTT][ AML = 0.446785 | MoV = 0.257203 | VoV = 0.002530 ]
Train: 100N 845/845 [03:24:00:00, 4.12 step/s]
Average loss=0.05154178684095926
Valid(teacher): 100N 3000/3000 [00:14:00:00, 201.30 step/s]

[Valid(teacher)]{48}[UTT][ MSE = 0.5337 | LCC = 0.6423 | SRCC = 0.6112 ] [SYS][ MSE = 0.0651 | LCC = 0.9809 | SRCC = 0.9419 ]
[Valid(teacher)]{48}[UTT][ AML = 0.449735 | MoV = 0.255641 | VoV = 0.002583 ]
Train: 100N 845/845 [03:25:00:00, 4.11 step/s]
Average loss=0.05096388739347458
Valid(teacher): 100N 3000/3000 [00:15:00:00, 199.10 step/s]

[Valid(teacher)]{49}[UTT][ MSE = 0.5276 | LCC = 0.6426 | SRCC = 0.6111 ] [SYS][ MSE = 0.0594 | LCC = 0.9813 | SRCC = 0.9357 ]
[Valid(teacher)]{49}[UTT][ AML = 0.451165 | MoV = 0.255772 | VoV = 0.002466 ]
Train: 100N 845/845 [03:24:00:00, 4.12 step/s]
Average loss=0.0650428718444584
Valid(teacher): 100N 3000/3000 [00:14:00:00, 200.76 step/s]

[Valid(teacher)]{50}[UTT][ MSE = 0.5316 | LCC = 0.6420 | SRCC = 0.6110 ] [SYS][ MSE = 0.0626 | LCC = 0.9808 | SRCC = 0.9357 ]
[Valid(teacher)]{50}[UTT][ AML = 0.450835 | MoV = 0.254905 | VoV = 0.002498 ]
Train: 100N 845/845 [03:25:00:00, 4.12 step/s]
Average loss=0.07251173257827759
Valid(teacher): 100N 3000/3000 [00:14:00:00, 201.68 step/s]

[Valid(teacher)]{51}[UTT][ MSE = 0.5203 | LCC = 0.6411 | SRCC = 0.6104 ] [SYS][ MSE = 0.0501 | LCC = 0.9813 | SRCC = 0.9405 ]
[Valid(teacher)]{51}[UTT][ AML = 0.453747 | MoV = 0.252935 | VoV = 0.002532 ]
Train: 100N 845/845 [03:24:00:00, 4.10 step/s]
Average loss=0.0746078042220322
Valid(teacher): 100N 3000/3000 [00:14:00:00, 201.98 step/s]

[Valid(teacher)]{52}[UTT][ MSE = 0.5215 | LCC = 0.6412 | SRCC = 0.6103 ] [SYS][ MSE = 0.0483 | LCC = 0.9819 | SRCC = 0.9378 ]
[Valid(teacher)]{52}[UTT][ AML = 0.453475 | MoV = 0.249708 | VoV = 0.002608 ]
Train: 100N 845/845 [03:24:00:00, 4.13 step/s]
Average loss=0.07095956158440223
Valid(teacher): 100N 3000/3000 [00:15:00:00, 199.61 step/s]

[Valid(teacher)]{53}[UTT][ MSE = 0.5152 | LCC = 0.6407 | SRCC = 0.6105 ] [SYS][ MSE = 0.0392 | LCC = 0.9817 | SRCC = 0.9398 ]
[Valid(teacher)]{53}[UTT][ AML = 0.457248 | MoV = 0.244768 | VoV = 0.002494 ]
Train: 100N 845/845 [03:25:00:00, 4.12 step/s]
Average loss=0.08521844099361808
Valid(teacher): 100N 3000/3000 [00:15:00:00, 198.26 step/s]

[Valid(teacher)]{54}[UTT][ MSE = 0.5130 | LCC = 0.6402 | SRCC = 0.6095 ] [SYS][ MSE = 0.0406 | LCC = 0.9825 | SRCC = 0.9412 ]
[Valid(teacher)]{54}[UTT][ AML = 0.456969 | MoV = 0.246890 | VoV = 0.002482 ]
Train: 100N 845/845 [03:24:00:00, 4.12 step/s]
Average loss=0.0941365584731102
Valid(teacher): 100N 3000/3000 [00:14:00:00, 202.31 step/s]

[Valid(teacher)]{55}[UTT][ MSE = 0.5241 | LCC = 0.6391 | SRCC = 0.6083 ] [SYS][ MSE = 0.0518 | LCC = 0.9834 | SRCC = 0.9521 ]
[Valid(teacher)]{55}[UTT][ AML = 0.453867 | MoV = 0.247412 | VoV = 0.002588 ]
Train: 100N 845/845 [03:24:00:00, 4.13 step/s]
Average loss=0.0984689367977866
Valid(teacher): 100N 3000/3000 [00:14:00:00, 203.48 step/s]

[Valid(teacher)]{56}[UTT][ MSE = 0.5205 | LCC = 0.6393 | SRCC = 0.6095 ] [SYS][ MSE = 0.0455 | LCC = 0.9831 | SRCC = 0.9521 ]
[Valid(teacher)]{56}[UTT][ AML = 0.454954 | MoV = 0.245892 | VoV = 0.002535 ]
Train: 100N 845/845 [03:24:00:00, 4.13 step/s]
Average loss=0.1070463516831398
Valid(teacher): 100N 3000/3000 [00:15:00:00, 199.38 step/s]

[Valid(teacher)]{57}[UTT][ MSE = 0.5119 | LCC = 0.6377 | SRCC = 0.6079 ] [SYS][ MSE = 0.0316 | LCC = 0.9818 | SRCC = 0.9453 ]
[Valid(teacher)]{57}[UTT][ AML = 0.459174 | MoV = 0.241739 | VoV = 0.002595 ]
Train: 100N 845/845 [03:25:00:00, 4.12 step/s]
Average loss=0.1120949344020215
Valid(teacher): 100N 3000/3000 [00:15:00:00, 197.69 step/s]

[Valid(teacher)]{58}[UTT][ MSE = 0.5051 | LCC = 0.6371 | SRCC = 0.6070 ] [SYS][ MSE = 0.0227 | LCC = 0.9814 | SRCC = 0.9412 ]
[Valid(teacher)]{58}[UTT][ AML = 0.461443 | MoV = 0.238541 | VoV = 0.002593 ]
Train: 100N 845/845 [03:24:00:00, 4.13 step/s]
Average loss=0.1186900800094271
Valid(teacher): 100N 3000/3000 [00:14:00:00, 202.43 step/s]

[Valid(teacher)]{59}[UTT][ MSE = 0.5046 | LCC = 0.6374 | SRCC = 0.6073 ] [SYS][ MSE = 0.0241 | LCC = 0.9810 | SRCC = 0.9419 ]
[Valid(teacher)]{59}[UTT][ AML = 0.461821 | MoV = 0.239357 | VoV = 0.002590 ]
Train: 100N 845/845 [03:24:00:00, 4.13 step/s]
Average loss=0.1251605619354248
Valid(teacher): 100N 3000/3000 [00:14:00:00, 203.19 step/s]

[Valid(teacher)]{60}[UTT][ MSE = 0.5188 | LCC = 0.6345 | SRCC = 0.6041 ] [SYS][ MSE = 0.0441 | LCC = 0.9827 | SRCC = 0.9487 ]
[Valid(teacher)]{60}[UTT][ AML = 0.456071 | MoV = 0.244239 | VoV = 0.002739 ]
Best model performance test:
Test(best): 0N 0/4000 [00:00:07, 7 step/s]/home/x_xlian/.conda/envs/lyvgpu/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:968.)
result = vF_list(input, hv, self._flat_weights, self.bias, self.num_layers,
Test(best): 100N 4000/4000 [00:20:00:00, 196.77 step/s]

[Test(best)]{61}[UTT][ MSE = 0.5041 | LCC = 0.6705 | SRCC = 0.6366 ] [SYS][ MSE = 0.0583 | LCC = 0.9851 | SRCC = 0.9761 ]
[Test(best)]{61}[UTT][ AML = 0.468774 | MoV = 0.264131 | VoV = 0.002342 ]
(lyvgpu) [x_xlian@node051 DeepPMD015 client_loop: send disconnect: Broken pipe
liangxyu@liangxyu-Mac-mini ~ %
```