

```
xlynpuy [x_xlian@node017 PROMoSNet]$ python train.py --lamb_c=0 --lamb_t=0 --save_path "runs/c-to-t/run1"
```

```
Loading all wav files.
```

```
100%|██████████████████████████████████████████████████████████████████████████████| 54040/54040 [07:50<00:00, 114.80it/s]
```

```
/proj/jhorse_2021/users/x_xlian/ProMoSNet/ProMoSNet/dataset.py:55: 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%|██████████████████████████████████████████████████████████████████████████████| 3000/3000 [01:43<00:00, 28.89it/s]
```

```
/proj/jhorse_2021/users/x_xlian/ProMoSNet/ProMoSNet/dataset.py:55: 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 [03:27<00:00, 4.08 step/s]
```

```
Average loss=31908.47265625
```

```
Valid(teacher): 100% 3000/3000 [00:17<00:00, 175.02 step/s]
```

```
[Valid(teacher)][0][UTT][ MSE = 3.7475 | LCC = 0.4499 | SRCC = 0.4441 ] [SYS][ MSE = 3.6136 | LCC = 0.7585 | SRCC = 0.8099 ]
```

```
[Valid(teacher)][0][UTT][ GML = 0.000579 | AML = 0.075392 | MoV = 0.306975 | VoV = 0.013099 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003690 | VoV = 0.000013 ]
```

```
Train: 100% 845/845 [03:21<00:00, 4.20 step/s]
```

```
Average loss=0.25950413942337036
```

```
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.20 step/s]
```

```
[Valid(teacher)][1][UTT][ MSE = 1.7022 | LCC = 0.5677 | SRCC = 0.5327 ] [SYS][ MSE = 1.2962 | LCC = 0.9022 | SRCC = 0.8509 ]
```

```
[Valid(teacher)][1][UTT][ GML = 0.025133 | AML = 0.217027 | MoV = 0.308532 | VoV = 0.021988 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004804 | VoV = 0.000026 ]
```

```
Train: 100% 845/845 [03:22<00:00, 4.18 step/s]
```

```
Average loss=0.20948928594589233
```

```
Valid(teacher): 100% 3000/3000 [00:15<00:00, 190.32 step/s]
```

```
[Valid(teacher)][2][UTT][ MSE = 0.7519 | LCC = 0.5864 | SRCC = 0.5486 ] [SYS][ MSE = 0.2965 | LCC = 0.9051 | SRCC = 0.8482 ]
```

```
[Valid(teacher)][2][UTT][ GML = 0.232640 | AML = 0.352761 | MoV = 0.480222 | VoV = 0.012239 ] [SYS][ GML = 0.000000 | AML = 0.209973 | MoV = 0.005631 | VoV = 0.000023 ]
```

```
Train: 100% 845/845 [03:22<00:00, 4.18 step/s]
```

```
Average loss=0.18742424249649048
```

```
Valid(teacher): 100% 3000/3000 [00:15<00:00, 188.49 step/s]
```

```
[Valid(teacher)][3][UTT][ MSE = 0.5570 | LCC = 0.6012 | SRCC = 0.5639 ] [SYS][ MSE = 0.0987 | LCC = 0.9202 | SRCC = 0.8468 ]
```

```
[Valid(teacher)][3][UTT][ GML = 0.318826 | AML = 0.389843 | MoV = 0.490252 | VoV = 0.005533 ] [SYS][ GML = 0.000100 | AML = 0.751820 | MoV = 0.005559 | VoV = 0.000016 ]
```

```
Train: 100% 845/845 [03:21<00:00, 4.19 step/s]
```

```
Average loss=0.16532456874847412
```

```
Valid(teacher): 100% 3000/3000 [00:15<00:00, 190.59 step/s]
```

```
[Valid(teacher)][4][UTT][ MSE = 0.6724 | LCC = 0.6059 | SRCC = 0.5688 ] [SYS][ MSE = 0.2190 | LCC = 0.9273 | SRCC = 0.8530 ]
```

```
[Valid(teacher)][4][UTT][ GML = 0.273326 | AML = 0.375895 | MoV = 0.445614 | VoV = 0.004986 ] [SYS][ GML = 0.000000 | AML = 0.465906 | MoV = 0.004971 | VoV = 0.000011 ]
```

```
Train: 100% 845/845 [03:21<00:00, 4.18 step/s]
```

```
Average loss=0.15001040697097778
```

```
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.44 step/s]
```

```
[Valid(teacher)][5][UTT][ MSE = 0.6397 | LCC = 0.6115 | SRCC = 0.5732 ] [SYS][ MSE = 0.1867 | LCC = 0.9313 | SRCC = 0.8530 ]
```

```
[Valid(teacher)][5][UTT][ GML = 0.284850 | AML = 0.382794 | MoV = 0.444118 | VoV = 0.004605 ] [SYS][ GML = 0.000000 | AML = 0.360832 | MoV = 0.004944 | VoV = 0.000011 ]
```

```
Train: 100% 845/845 [03:21<00:00, 4.19 step/s]
```

```
Average loss=0.13810600340366364
```

```
Valid(teacher): 100% 3000/3000 [00:16<00:00, 184.14 step/s]
```

```
[Valid(teacher)][6][UTT][ MSE = 0.6971 | LCC = 0.6190 | SRCC = 0.5796 ] [SYS][ MSE = 0.2489 | LCC = 0.9434 | SRCC = 0.8578 ]
```

```
[Valid(teacher)][6][UTT][ GML = 0.259607 | AML = 0.375180 | MoV = 0.423564 | VoV = 0.004802 ] [SYS][ GML = 0.000000 | AML = 0.675535 | MoV = 0.004746 | VoV = 0.000011 ]
```

```
Train: 100% 845/845 [03:21<00:00, 4.20 step/s]
```

```
Average loss=0.12537483404712677
```

```
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.34 step/s]
```

```
[Valid(teacher)][7][UTT][ MSE = 0.8045 | LCC = 0.6236 | SRCC = 0.5839 ] [SYS][ MSE = 0.3658 | LCC = 0.9511 | SRCC = 0.8646 ]
```

```
[Valid(teacher)][7][UTT][ GML = 0.218038 | AML = 0.358007 | MoV = 0.399529 | VoV = 0.005005 ] [SYS][ GML = 0.000000 | AML = 0.004303 | MoV = 0.004519 | VoV = 0.000011 ]
```

```
Train: 100% 845/845 [03:20<00:00, 4.21 step/s]
```

```
Average loss=0.11512421071529388
```

```
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.63 step/s]
```

```
[Valid(teacher)][8][UTT][ MSE = 0.9687 | LCC = 0.6220 | SRCC = 0.5839 ] [SYS][ MSE = 0.5408 | LCC = 0.9552 | SRCC = 0.8933 ]
```

```
[Valid(teacher)][8][UTT][ GML = 0.167326 | AML = 0.330180 | MoV = 0.375262 | VoV = 0.004842 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004284 | VoV = 0.000010 ]
```

```
Train: 100% 845/845 [03:22<00:00, 4.18 step/s]
```

```
Average loss=0.1036980003118515
```

```
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.67 step/s]
```

```
[Valid(teacher)][9][UTT][ MSE = 1.2820 | LCC = 0.6153 | SRCC = 0.5786 ] [SYS][ MSE = 0.8713 | LCC = 0.9566 | SRCC = 0.8940 ]
```

```
[Valid(teacher)][9][UTT][ GML = 0.094564 | AML = 0.277396 | MoV = 0.345502 | VoV = 0.005474 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004033 | VoV = 0.000011 ]
```

```
Train: 100% 845/845 [03:22<00:00, 4.17 step/s]
```

```
Average loss=0.09437399357557297
```

```
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.20 step/s]
```

```
[Valid(teacher)][10][UTT][ MSE = 1.3802 | LCC = 0.6114 | SRCC = 0.5766 ] [SYS][ MSE = 0.9793 | LCC = 0.9560 | SRCC = 0.8940 ]
```

```
[Valid(teacher)][10][UTT][ GML = 0.079726 | AML = 0.263027 | MoV = 0.336465 | VoV = 0.005057 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003951 | VoV = 0.000011 ]
```

```
Train: 100% 845/845 [03:22<00:00, 4.17 step/s]
```

```
Average loss=0.0837298184633255
```

```
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.19 step/s]
```

```
[Valid(teacher)][11][UTT][ MSE = 1.3289 | LCC = 0.6090 | SRCC = 0.5759 ] [SYS][ MSE = 0.9273 | LCC = 0.9576 | SRCC = 0.8824 ]
```

```
[Valid(teacher)][11][UTT
```

Average loss=-0.01004678476601839  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.85 step/s]

[Valid(teacher)][20][UTT][ MSE = 1.0222 | LCC = 0.5721 | SRCC = 0.5457 | [SYS][ MSE = 0.5924 | LCC = 0.9558 | SRCC = 0.8708 ]  
[Valid(teacher)][20][UTT][ GML = 0.142145 | AML = 0.329160 | MoV = 0.323856 | VoV = 0.001818 | [SYS][ GML = 0.000000 | AML = 0.000004 | MoV = 0.003732 | VoV = 0.000008 ]  
Train: 100% 845/845 [03:21<00:00, 4.19 step/s]  
Average loss=-0.01139622889459133  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.11 step/s]

[Valid(teacher)][21][UTT][ MSE = 0.9805 | LCC = 0.5742 | SRCC = 0.5465 | [SYS][ MSE = 0.5440 | LCC = 0.9574 | SRCC = 0.8708 ]  
[Valid(teacher)][21][UTT][ GML = 0.152067 | AML = 0.336613 | MoV = 0.324622 | VoV = 0.001761 | [SYS][ GML = 0.000000 | AML = 0.000019 | MoV = 0.003734 | VoV = 0.000008 ]  
Train: 100% 845/845 [03:21<00:00, 4.19 step/s]  
Average loss=-0.021171217784285545  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.10 step/s]

[Valid(teacher)][22][UTT][ MSE = 1.0091 | LCC = 0.5650 | SRCC = 0.5386 | [SYS][ MSE = 0.5693 | LCC = 0.9524 | SRCC = 0.8708 ]  
[Valid(teacher)][22][UTT][ GML = 0.141460 | AML = 0.332640 | MoV = 0.317572 | VoV = 0.001796 | [SYS][ GML = 0.000000 | AML = 0.000016 | MoV = 0.003669 | VoV = 0.000008 ]  
Train: 100% 845/845 [03:26<00:00, 4.10 step/s]  
Average loss=-0.03217624872922897  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.32 step/s]

[Valid(teacher)][23][UTT][ MSE = 0.9552 | LCC = 0.5666 | SRCC = 0.5387 | [SYS][ MSE = 0.5073 | LCC = 0.9557 | SRCC = 0.8762 ]  
[Valid(teacher)][23][UTT][ GML = 0.152211 | AML = 0.343146 | MoV = 0.314153 | VoV = 0.001659 | [SYS][ GML = 0.000000 | AML = 0.000039 | MoV = 0.003619 | VoV = 0.000007 ]  
Train: 100% 845/845 [03:22<00:00, 4.17 step/s]  
Average loss=-0.03901265790211090  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.16 step/s]

[Valid(teacher)][24][UTT][ MSE = 0.9696 | LCC = 0.5645 | SRCC = 0.5365 | [SYS][ MSE = 0.5160 | LCC = 0.9574 | SRCC = 0.8762 ]  
[Valid(teacher)][24][UTT][ GML = 0.145885 | AML = 0.341064 | MoV = 0.309552 | VoV = 0.001704 | [SYS][ GML = 0.000000 | AML = 0.000009 | MoV = 0.003568 | VoV = 0.000007 ]  
Train: 100% 845/845 [03:22<00:00, 4.17 step/s]  
Average loss=-0.05068352445960045  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.66 step/s]

[Valid(teacher)][25][UTT][ MSE = 0.8729 | LCC = 0.5704 | SRCC = 0.5393 | [SYS][ MSE = 0.4082 | LCC = 0.9606 | SRCC = 0.8926 ]  
[Valid(teacher)][25][UTT][ GML = 0.169193 | AML = 0.359288 | MoV = 0.307790 | VoV = 0.001706 | [SYS][ GML = 0.000000 | AML = 0.000200 | MoV = 0.003538 | VoV = 0.000007 ]  
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]  
Average loss=-0.05867332200775146  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.09 step/s]

[Valid(teacher)][26][UTT][ MSE = 0.8779 | LCC = 0.5694 | SRCC = 0.5386 | [SYS][ MSE = 0.4104 | LCC = 0.9618 | SRCC = 0.8865 ]  
[Valid(teacher)][26][UTT][ GML = 0.164831 | AML = 0.358787 | MoV = 0.302583 | VoV = 0.001670 | [SYS][ GML = 0.000000 | AML = 0.000065 | MoV = 0.003480 | VoV = 0.000007 ]  
Train: 100% 845/845 [03:22<00:00, 4.17 step/s]  
Average loss=-0.0707447454333054  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 190.17 step/s]

[Valid(teacher)][27][UTT][ MSE = 0.8418 | LCC = 0.5763 | SRCC = 0.5439 | [SYS][ MSE = 0.3748 | LCC = 0.9637 | SRCC = 0.8892 ]  
[Valid(teacher)][27][UTT][ GML = 0.173703 | AML = 0.365939 | MoV = 0.300456 | VoV = 0.001658 | [SYS][ GML = 0.000000 | AML = 0.000066 | MoV = 0.003442 | VoV = 0.000007 ]  
Train: 100% 845/845 [03:22<00:00, 4.17 step/s]  
Average loss=-0.07673666626214981  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.88 step/s]

[Valid(teacher)][28][UTT][ MSE = 0.7922 | LCC = 0.5750 | SRCC = 0.5409 | [SYS][ MSE = 0.3167 | LCC = 0.9624 | SRCC = 0.8749 ]  
[Valid(teacher)][28][UTT][ GML = 0.187560 | AML = 0.376940 | MoV = 0.298277 | VoV = 0.001572 | [SYS][ GML = 0.000000 | AML = 0.001484 | MoV = 0.003405 | VoV = 0.000006 ]  
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]  
Average loss=-0.08451027423143387  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.18 step/s]

[Valid(teacher)][29][UTT][ MSE = 0.7653 | LCC = 0.5743 | SRCC = 0.5402 | [SYS][ MSE = 0.2850 | LCC = 0.9632 | SRCC = 0.8810 ]  
[Valid(teacher)][29][UTT][ GML = 0.194388 | AML = 0.383383 | MoV = 0.294587 | VoV = 0.001447 | [SYS][ GML = 0.000000 | AML = 0.002809 | MoV = 0.003360 | VoV = 0.000006 ]  
Train: 100% 845/845 [03:26<00:00, 4.10 step/s]  
Average loss=-0.09392829984426498  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 188.42 step/s]

[Valid(teacher)][30][UTT][ MSE = 0.7248 | LCC = 0.5798 | SRCC = 0.5435 | [SYS][ MSE = 0.2431 | LCC = 0.9644 | SRCC = 0.8858 ]  
[Valid(teacher)][30][UTT][ GML = 0.206130 | AML = 0.392056 | MoV = 0.291693 | VoV = 0.001505 | [SYS][ GML = 0.000000 | AML = 0.019326 | MoV = 0.003322 | VoV = 0.000006 ]  
Train: 100% 845/845 [03:22<00:00, 4.18 step/s]  
Average loss=-0.1024366021156311  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.39 step/s]

[Valid(teacher)][31][UTT][ MSE = 0.6864 | LCC = 0.5858 | SRCC = 0.5483 | [SYS][ MSE = 0.2034 | LCC = 0.9660 | SRCC = 0.8865 ]  
[Valid(teacher)][31][UTT][ GML = 0.217483 | AML = 0.401771 | MoV = 0.286519 | VoV = 0.001514 | [SYS][ GML = 0.000000 | AML = 0.033826 | MoV = 0.003256 | VoV = 0.000005 ]  
Train: 100% 845/845 [03:22<00:00, 4.17 step/s]  
Average loss=-0.10969210416078568  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.75 step/s]

[Valid(teacher)][32][UTT][ MSE = 0.7213 | LCC = 0.5851 | SRCC = 0.5485 | [SYS][ MSE = 0.2394 | LCC = 0.9670 | SRCC = 0.8940 ]  
[Valid(teacher)][32][UTT][ GML = 0.199319 | AML = 0.394998 | MoV = 0.280125 | VoV = 0.001620 | [SYS][ GML = 0.000000 | AML = 0.007711 | MoV = 0.003198 | VoV = 0.000005 ]  
Train: 100% 845/845 [03:24<00:00, 4.12 step/s]  
Average loss=-0.11580578237771988  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.38 step/s]

[Valid(teacher)][33][UTT][ MSE = 0.6450 | LCC = 0.5901 | SRCC = 0.5514 | [SYS][ MSE = 0.1612 | LCC = 0.9681 | SRCC = 0.8940 ]  
[Valid(teacher)][33][UTT][ GML = 0.230846 | AML = 0.412562 | MoV = 0.280961 | VoV = 0.001438 | [SYS][ GML = 0.000000 | AML = 0.169495 | MoV = 0.003185 | VoV = 0.000005 ]  
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]  
Average loss=-0.1222231380092041  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.70 step/s]

[Valid(teacher)][34][UTT][ MSE = 0.6136 | LCC = 0.5964 | SRCC = 0.5575 | [SYS][ MSE = 0.1359 | LCC = 0.9687 | SRCC = 0.8988 ]  
[Valid(teacher)][34][UTT][ GML = 0.244031 | AML = 0.420214 | MoV = 0.279198 | VoV = 0.001386 | [SYS][ GML = 0.000000 | AML = 0.420068 | MoV = 0.003164 | VoV = 0.000005 ]  
Train: 100% 845/845 [03:26<00:00, 4.10 step/s]  
Average loss=-0.1232631504535675  
Valid(teacher): 100% 3000/3000 [00:16<00:00, 186.76 step/s]

[Valid(teacher)][35][UTT][ MSE = 0.5761 | LCC = 0.6021 | SRCC = 0.5623 | [SYS][ MSE = 0.0997 | LCC = 0.9701 | SRCC = 0.9015 ]  
[Valid(teacher)][35][UTT][ GML = 0.261618 | AML = 0.429679 | AML = 0.429679 | MoV = 0.278044 | VoV = 0.001287 | [SYS][ GML = 0.000000 | AML = 1.032239 | MoV = 0.003149 | VoV = 0.000005 ]  
Train: 100% 845/845 [03:22<00:00, 4.18 step/s]  
Average loss=-0.13658079504966736  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.82 step/s]

[Valid(teacher)][36][UTT][ MSE = 0.5845 | LCC = 0.6004 | SRCC = 0.5602 | [SYS][ MSE = 0.1040 | LCC = 0.9698 | SRCC = 0.9015 ]  
[Valid(teacher)][36][UTT][ GML = 0.255262 | AML = 0.429336 | MoV = 0.273971 | VoV = 0.001267 | [SYS][ GML = 0.000000 | AML = 0.979660 | MoV = 0.003105 | VoV = 0.000005 ]  
Train: 100% 845/845 [03:22<00:00, 4.17 step/s]  
Average loss=-0.14441746473312378  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.50 step/s]

[Valid(teacher)][37][UTT][ MSE = 0.5779 | LCC = 0.5992 | SRCC = 0.5575 | [SYS][ MSE = 0.0963 | LCC = 0.9696 | SRCC = 0.9084 ]  
[Valid(teacher)][37][UTT][ GML = 0.256479 | AML = 0.432187 | MoV = 0.270328 | VoV = 0.001217 | [SYS][ GML = 0.000000 | AML = 1.107828 | MoV = 0.003059 | VoV = 0.000005 ]  
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]  
Average loss=-0.15331429243007769  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 190.68 step/s]

[Valid(teacher)][38][UTT][ MSE = 0.5571 | LCC = 0.6027 | SRCC = 0.5611 | [SYS][ MSE = 0.0761 | LCC = 0.9699 | SRCC = 0.9152 ]  
[Valid(teacher)][38][UTT][ GML = 0.265394 | AML = 0.438581 | MoV = 0.266765 | VoV = 0.001142 | [SYS][ GML = 0.000008 | AML = 1.231506 | MoV = 0.003016 | VoV = 0.000005 ]  
Train: 100% 845/845 [03:22<00:00, 4.18 step/s]  
Average loss=-0.15912988781929016  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 190.51 step/s]

[Valid(teacher)][39][UTT][ MSE = 0.5776 | LCC = 0.6006 | SRCC = 0.5599 | [SYS][ MSE = 0.0955 | LCC = 0.9705 | SRCC = 0.9084 ]  
[Valid(teacher)][39][UTT][ GML = 0.253044 | AML = 0.433984 | MoV = 0.263335 | VoV = 0.001137 | [SYS][ GML = 0.000000 | AML = 1.053195 | MoV = 0.002977 | VoV = 0.000004 ]  
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]  
Average loss=-0.16176748275756836  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 204.19 step/s]

[Valid(teacher)][40][UTT][ MSE = 0.5579 | LCC = 0.6035 | SRCC = 0.5631 | [SYS][ MSE = 0.0773 | LCC = 0.9705 | SRCC = 0.9152 ]  
[Valid(teacher)][40][UTT][ GML = 0.261746 | AML = 0.439625 | MoV = 0.260906 | VoV = 0.001165 | [SYS][ GML = 0.000005 | AML = 1.209050 | MoV = 0.002944 | VoV = 0.000004 ]  
Train: 100% 845/845 [03:22<00:00, 4.17 step/s]  
Average loss=-0.1704012155532837  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.07 step/s]

[Valid(teacher)][41][UTT][ MSE = 0.5314 | LCC = 0.6082 | SRCC = 0.5678 | [SYS][ MSE = 0.0525 | LCC = 0.9728 | SRCC = 0.9186 ]  
[Valid(teacher)][41][UTT][ GML = 0.274876 | AML = 0.447395 | MoV = 0.257958 | VoV = 0.001094 | [SYS][ GML = 0.000819 | AML = 1.629432 | MoV = 0.002901 | VoV = 0.000004 ]  
Train: 100% 845/845 [03:22<00:00, 4.17 step/s]  
Average loss=-0.17401614785194397  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 187.84 step/s]

[Valid(teacher)][42][UTT][ MSE = 0.5273 | LCC = 0.6099 | SRCC = 0.5698 | [SYS][ MSE = 0.0482 | LCC = 0.9724 | SRCC = 0.9084 ]  
[Valid(teacher)][42][UTT][ GML = 0.276330 | AML = 0.449625 | MoV = 0.256343 | VoV = 0.001055 | [SYS][ GML = 0.001581 | AML = 1.917335 | MoV = 0.002878 | VoV = 0.000004 ]  
Train: 100% 845/845 [03:26<00:00, 4.09 step/s]  
Average loss=-0.1871310919523239  
Valid(teacher): 100% 3000/3000 [00:16<00:00, 184.49 step/s]

[Valid(teacher)][43][UTT][ MSE = 0.5275 | LCC = 0.6102 | SRCC = 0.5709 | [SYS][ MSE = 0.0485 | LCC = 0.9715 | SRCC = 0.9173 ]  
[Valid(teacher)][43][UTT][ GML = 0.273433 | AML = 0.451035 | MoV = 0.252294 | VoV = 0.001031 | [SYS][ GML = 0.001256 | AML = 1.931862 | MoV = 0.002839 | VoV = 0.000004 ]

Train: 100% 845/845 [03:23<00:00, 4.16 step/s]  
Average loss=-0.19635751843452454  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.05 step/s]

[Valid(teacher)][44][UTT][ MSE = 0.5408 | LCC = 0.6062 | SRCC = 0.5667 | [SYS][ MSE = 0.0606 | LCC = 0.9694 | SRCC = 0.9138 |  
[Valid(teacher)][44][UTT][ GML = 0.262315 | AML = 0.448989 | MoV = 0.246915 | VoV = 0.001005 | [SYS][ GML = 0.000082 | AML = 1.346788 | MoV = 0.002788 | VoV = 0.000004 |  
Train: 100% 845/845 [03:27<00:00, 4.07 step/s]  
Average loss=-0.2004634589556833  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.60 step/s]

[Valid(teacher)][45][UTT][ MSE = 0.5404 | LCC = 0.6069 | SRCC = 0.5678 | [SYS][ MSE = 0.0592 | LCC = 0.9703 | SRCC = 0.9097 |  
[Valid(teacher)][45][UTT][ GML = 0.261679 | AML = 0.449473 | MoV = 0.244989 | VoV = 0.000985 | [SYS][ GML = 0.000100 | AML = 1.333121 | MoV = 0.002761 | VoV = 0.000004 |  
Train: 100% 845/845 [03:27<00:00, 4.08 step/s]  
Average loss=-0.2075759619474411  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.28 step/s]

[Valid(teacher)][46][UTT][ MSE = 0.5353 | LCC = 0.6067 | SRCC = 0.5673 | [SYS][ MSE = 0.0514 | LCC = 0.9718 | SRCC = 0.9145 |  
[Valid(teacher)][46][UTT][ GML = 0.262107 | AML = 0.451995 | MoV = 0.241957 | VoV = 0.000992 | [SYS][ GML = 0.000559 | AML = 1.718723 | MoV = 0.002728 | VoV = 0.000004 |  
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]  
Average loss=-0.20815108716487885  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 204.46 step/s]

[Valid(teacher)][47][UTT][ MSE = 0.5356 | LCC = 0.6061 | SRCC = 0.5667 | [SYS][ MSE = 0.0502 | LCC = 0.9720 | SRCC = 0.9234 |  
[Valid(teacher)][47][UTT][ GML = 0.259929 | AML = 0.452465 | MoV = 0.239887 | VoV = 0.000996 | [SYS][ GML = 0.000676 | AML = 1.795221 | MoV = 0.002704 | VoV = 0.000004 |  
Train: 100% 845/845 [03:26<00:00, 4.10 step/s]  
Average loss=-0.21590062975883484  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.27 step/s]

[Valid(teacher)][48][UTT][ MSE = 0.5425 | LCC = 0.6037 | SRCC = 0.5642 | [SYS][ MSE = 0.0551 | LCC = 0.9721 | SRCC = 0.9214 |  
[Valid(teacher)][48][UTT][ GML = 0.253716 | AML = 0.450955 | MoV = 0.237127 | VoV = 0.001017 | [SYS][ GML = 0.000231 | AML = 1.478072 | MoV = 0.002679 | VoV = 0.000004 |  
Train: 100% 845/845 [03:22<00:00, 4.16 step/s]  
Average loss=-0.22484393417835236  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.70 step/s]

[Valid(teacher)][49][UTT][ MSE = 0.5235 | LCC = 0.6085 | SRCC = 0.5693 | [SYS][ MSE = 0.0421 | LCC = 0.9729 | SRCC = 0.9248 |  
[Valid(teacher)][49][UTT][ GML = 0.263019 | AML = 0.455801 | MoV = 0.234261 | VoV = 0.000986 | [SYS][ GML = 0.004657 | AML = 2.586108 | MoV = 0.002646 | VoV = 0.000004 |  
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]  
Average loss=-0.2286907434463501  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.86 step/s]

[Valid(teacher)][50][UTT][ MSE = 0.5194 | LCC = 0.6086 | SRCC = 0.5697 | [SYS][ MSE = 0.0374 | LCC = 0.9730 | SRCC = 0.9255 |  
[Valid(teacher)][50][UTT][ GML = 0.264394 | AML = 0.457693 | MoV = 0.232144 | VoV = 0.000955 | [SYS][ GML = 0.011561 | AML = 2.707135 | MoV = 0.002618 | VoV = 0.000004 |  
Train: 100% 845/845 [03:26<00:00, 4.09 step/s]  
Average loss=-0.23327802121639252  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.42 step/s]

[Valid(teacher)][51][UTT][ MSE = 0.5211 | LCC = 0.6091 | SRCC = 0.5703 | [SYS][ MSE = 0.0386 | LCC = 0.9742 | SRCC = 0.9337 |  
[Valid(teacher)][51][UTT][ GML = 0.262687 | AML = 0.457422 | MoV = 0.231117 | VoV = 0.000942 | [SYS][ GML = 0.008345 | AML = 2.526117 | MoV = 0.002606 | VoV = 0.000003 |  
Train: 100% 845/845 [03:22<00:00, 4.17 step/s]  
Average loss=-0.24313457310199738  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.71 step/s]

[Valid(teacher)][52][UTT][ MSE = 0.5161 | LCC = 0.6091 | SRCC = 0.5705 | [SYS][ MSE = 0.0343 | LCC = 0.9738 | SRCC = 0.9337 |  
[Valid(teacher)][52][UTT][ GML = 0.263191 | AML = 0.460493 | MoV = 0.227168 | VoV = 0.000853 | [SYS][ GML = 0.022845 | AML = 2.477189 | MoV = 0.002555 | VoV = 0.000003 |  
Train: 100% 845/845 [03:22<00:00, 4.16 step/s]  
Average loss=-0.24582764506340027  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.09 step/s]

[Valid(teacher)][53][UTT][ MSE = 0.5229 | LCC = 0.6087 | SRCC = 0.5708 | [SYS][ MSE = 0.0395 | LCC = 0.9726 | SRCC = 0.9323 |  
[Valid(teacher)][53][UTT][ GML = 0.257620 | AML = 0.458973 | MoV = 0.226458 | VoV = 0.000917 | [SYS][ GML = 0.006151 | AML = 2.566630 | MoV = 0.002551 | VoV = 0.000003 |  
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]  
Average loss=-0.2545502185821533  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.32 step/s]

[Valid(teacher)][54][UTT][ MSE = 0.5173 | LCC = 0.6080 | SRCC = 0.5701 | [SYS][ MSE = 0.0366 | LCC = 0.9717 | SRCC = 0.9316 |  
[Valid(teacher)][54][UTT][ GML = 0.258260 | AML = 0.460922 | MoV = 0.223111 | VoV = 0.000902 | [SYS][ GML = 0.012217 | AML = 2.534219 | MoV = 0.002514 | VoV = 0.000003 |  
Train: 100% 845/845 [00:04<00:00, 4.16 step/s]  
Average loss=-0.250650064608338  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.16 step/s]

[Valid(teacher)][55][UTT][ MSE = 0.5152 | LCC = 0.6079 | SRCC = 0.5697 | [SYS][ MSE = 0.0341 | LCC = 0.9720 | SRCC = 0.9275 |  
[Valid(teacher)][55][UTT][ GML = 0.257595 | AML = 0.462238 | MoV = 0.220697 | VoV = 0.000885 | [SYS][ GML = 0.020661 | AML = 2.340572 | MoV = 0.002485 | VoV = 0.000003 |  
Train: 100% 845/845 [03:26<00:00, 4.08 step/s]  
Average loss=-0.26459407806396484  
Valid(teacher): 100% 3000/3000 [00:16<00:00, 186.85 step/s]

[Valid(teacher)][56][UTT][ MSE = 0.5139 | LCC = 0.6080 | SRCC = 0.5696 | [SYS][ MSE = 0.0301 | LCC = 0.9733 | SRCC = 0.9255 |  
[Valid(teacher)][56][UTT][ GML = 0.256944 | AML = 0.463346 | MoV = 0.218299 | VoV = 0.000838 | [SYS][ GML = 0.038471 | AML = 2.260141 | MoV = 0.002449 | VoV = 0.000003 |  
Train: 100% 845/845 [03:22<00:00, 4.17 step/s]  
Average loss=-0.2705691158771515  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 204.59 step/s]

[Valid(teacher)][57][UTT][ MSE = 0.5133 | LCC = 0.6085 | SRCC = 0.5708 | [SYS][ MSE = 0.0277 | LCC = 0.9724 | SRCC = 0.9337 |  
[Valid(teacher)][57][UTT][ GML = 0.257246 | AML = 0.463536 | MoV = 0.217224 | VoV = 0.000800 | [SYS][ GML = 0.042581 | AML = 2.305758 | MoV = 0.002430 | VoV = 0.000003 |  
Train: 100% 845/845 [03:27<00:00, 4.08 step/s]  
Average loss=-0.27114397287368774  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.47 step/s]

[Valid(teacher)][58][UTT][ MSE = 0.5135 | LCC = 0.6072 | SRCC = 0.5700 | [SYS][ MSE = 0.0290 | LCC = 0.9718 | SRCC = 0.9385 |  
[Valid(teacher)][58][UTT][ GML = 0.255507 | AML = 0.464014 | MoV = 0.215662 | VoV = 0.000777 | [SYS][ GML = 0.040973 | AML = 2.212419 | MoV = 0.002415 | VoV = 0.000003 |  
Train: 100% 845/845 [03:22<00:00, 4.16 step/s]  
Average loss=-0.270594970703125  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.84 step/s]

[Valid(teacher)][59][UTT][ MSE = 0.5146 | LCC = 0.6063 | SRCC = 0.5705 | [SYS][ MSE = 0.0306 | LCC = 0.9723 | SRCC = 0.9357 |  
[Valid(teacher)][59][UTT][ GML = 0.253174 | AML = 0.463858 | MoV = 0.213144 | VoV = 0.000749 | [SYS][ GML = 0.026300 | AML = 2.580819 | MoV = 0.002385 | VoV = 0.000003 |  
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]  
Average loss=-0.2863619923591614  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.30 step/s]

[Valid(teacher)][60][UTT][ MSE = 0.5138 | LCC = 0.6072 | SRCC = 0.5717 | [SYS][ MSE = 0.0289 | LCC = 0.9726 | SRCC = 0.9357 |  
[Valid(teacher)][60][UTT][ GML = 0.251932 | AML = 0.465014 | MoV = 0.211718 | VoV = 0.000792 | [SYS][ GML = 0.045772 | AML = 2.242456 | MoV = 0.002371 | VoV = 0.000003 |  
Best model performance test:  
Test(best): 0% 0/4000 [00:00<?, ? step/s]/home/x\_xliang/.conda/envs/lxygpu/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, possibly greatly increasing memory usage. To compact weights again call flatten\_parameters(). (Triggered internally at ../at

en/src/Aten/native/cudnn/RNN.cpp:968.)  
result = \_VF.lstm(input, hx, self.\_flat\_weights, self.bias, self.num\_layers,  
Test(best): 100% 4000/4000 [00:20<00:00, 195.41 step/s]

[Test(best)][61][UTT][ MSE = 0.7830 | LCC = 0.6290 | SRCC = 0.5932 | [SYS][ MSE = 0.3363 | LCC = 0.9502 | SRCC = 0.9084 |  
[Test(best)][61][UTT][ GML = 0.224290 | AML = 0.361504 | MoV = 0.399914 | VoV = 0.005111 | [SYS][ GML = 0.000000 | AML = 0.000361 | MoV = 0.003304 | VoV = 0.000005 |  
Test(last): 100% 4000/4000 [00:20<00:00, 190.58 step/s]

[Test(last)][61][UTT][ MSE = 0.4985 | LCC = 0.6283 | SRCC = 0.5997 | [SYS][ MSE = 0.0287 | LCC = 0.9727 | SRCC = 0.9474 |  
[Test(last)][61][UTT][ GML = 0.261322 | AML = 0.474755 | MoV = 0.211820 | VoV = 0.000822 | [SYS][ GML = 0.007894 | AML = 2.633948 | MoV = 0.001736 | VoV = 0.000001 |  
(lxygpu) [x\_xliangnode017 ProMOSNet]\$ ls  
best.pt code-test.ipynb dataset.py EMA.py id\_table last.pt model.py models \_\_pycache\_\_ README.md run0 run1 run10 run2 run3 run4 run5 run6 run7 run8 run9 runs train.py  
(lxygpu) [x\_xliangnode017 ProMOSNet]\$