

```
xlynp01_xliangnode015 ProMOSNet.py python train.py --lamb_c=1 --lamb_t=1 --save_path "runs/c1-t1/run6"
```

```
Loading all wav files.
```

```
100% |██████████████████████████████████████████████████████████████████████████████| 54040/54040 [07:51<00:00, 114.64it/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'][ii] = self.idtable[judge_i]
```

```
Loading all wav files.
```

```
100% |██████████████████████████████████████████████████████████████████████████████| 3000/3000 [01:44<00:00, 28.74it/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'][ii] = self.idtable[judge_i]
```

```
Train: 100% 845/845 [03:29<00:00, 4.03 step/s]
```

```
Average loss=22345.384765625
```

```
Valid(teacher): 100% 3000/3000 [00:17<00:00, 176.07 step/s]
```

```
[Valid(teacher)][0][UTT][ MSE = 2.9558 | LCC = 0.4513 | SRCC = 0.4272 ] [SYS][ MSE = 2.8562 | LCC = 0.7478 | SRCC = 0.7921 ]
```

```
[Valid(teacher)][0][UTT][ GML = 0.040440 | AML = 0.146260 | MoV = 0.575552 | VoV = 0.008648 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.006618 | VoV = 0.000029 ]
```

```
Train: 100% 845/845 [03:28<00:00, 4.05 step/s]
```

```
Average loss=0.6914160847663879
```

```
Valid(teacher): 100% 3000/3000 [00:15<00:00, 187.66 step/s]
```

```
[Valid(teacher)][1][UTT][ MSE = 1.7296 | LCC = 0.5601 | SRCC = 0.5265 ] [SYS][ MSE = 1.4103 | LCC = 0.8976 | SRCC = 0.8619 ]
```

```
[Valid(teacher)][1][UTT][ GML = 0.061685 | AML = 0.218597 | MoV = 0.430100 | VoV = 0.014207 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.005220 | VoV = 0.000026 ]
```

```
Train: 100% 845/845 [03:26<00:00, 4.08 step/s]
```

```
Average loss=0.5492167472839355
```

```
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.62 step/s]
```

```
[Valid(teacher)][2][UTT][ MSE = 1.2978 | LCC = 0.5984 | SRCC = 0.5600 ] [SYS][ MSE = 0.9654 | LCC = 0.9297 | SRCC = 0.8578 ]
```

```
[Valid(teacher)][2][UTT][ GML = 0.113633 | AML = 0.268659 | MoV = 0.418471 | VoV = 0.009751 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.005026 | VoV = 0.000022 ]
```

```
Train: 100% 845/845 [03:29<00:00, 4.03 step/s]
```

```
Average loss=0.4896711110687256
```

```
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.58 step/s]
```

```
[Valid(teacher)][3][UTT][ MSE = 0.9726 | LCC = 0.6154 | SRCC = 0.5753 ] [SYS][ MSE = 0.6258 | LCC = 0.9429 | SRCC = 0.8756 ]
```

```
[Valid(teacher)][3][UTT][ GML = 0.187803 | AML = 0.319425 | MoV = 0.435165 | VoV = 0.006747 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.005128 | VoV = 0.000020 ]
```

```
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
```

```
Average loss=0.4436242878437042
```

```
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.57 step/s]
```

```
[Valid(teacher)][4][UTT][ MSE = 1.0550 | LCC = 0.6311 | SRCC = 0.5898 ] [SYS][ MSE = 0.7199 | LCC = 0.9612 | SRCC = 0.8954 ]
```

```
[Valid(teacher)][4][UTT][ GML = 0.170175 | AML = 0.308896 | MoV = 0.411466 | VoV = 0.004475 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004850 | VoV = 0.000017 ]
```

```
Train: 100% 845/845 [03:29<00:00, 4.04 step/s]
```

```
Average loss=0.41313064098358154
```

```
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.06 step/s]
```

```
[Valid(teacher)][5][UTT][ MSE = 1.0309 | LCC = 0.6329 | SRCC = 0.5924 ] [SYS][ MSE = 0.6928 | LCC = 0.9635 | SRCC = 0.9050 ]
```

```
[Valid(teacher)][5][UTT][ GML = 0.175706 | AML = 0.313142 | MoV = 0.409861 | VoV = 0.004118 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004828 | VoV = 0.000017 ]
```

```
Train: 100% 845/845 [03:28<00:00, 4.05 step/s]
```

```
Average loss=0.391120970249176
```

```
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.49 step/s]
```

```
[Valid(teacher)][6][UTT][ MSE = 0.9946 | LCC = 0.6339 | SRCC = 0.5961 ] [SYS][ MSE = 0.6499 | LCC = 0.9659 | SRCC = 0.9138 ]
```

```
[Valid(teacher)][6][UTT][ GML = 0.184294 | AML = 0.319652 | MoV = 0.407767 | VoV = 0.003477 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004789 | VoV = 0.000016 ]
```

```
Train: 100% 845/845 [03:28<00:00, 4.04 step/s]
```

```
Average loss=0.37302228000403015
```

```
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.53 step/s]
```

```
[Valid(teacher)][7][UTT][ MSE = 0.9583 | LCC = 0.6320 | SRCC = 0.5979 ] [SYS][ MSE = 0.6014 | LCC = 0.9665 | SRCC = 0.9138 ]
```

```
[Valid(teacher)][7][UTT][ GML = 0.192278 | AML = 0.326191 | MoV = 0.405411 | VoV = 0.003053 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004747 | VoV = 0.000015 ]
```

```
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
```

```
Average loss=0.3505619466304779
```

```
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.30 step/s]
```

```
[Valid(teacher)][8][UTT][ MSE = 0.9783 | LCC = 0.6299 | SRCC = 0.5995 ] [SYS][ MSE = 0.6157 | LCC = 0.9659 | SRCC = 0.9132 ]
```

```
[Valid(teacher)][8][UTT][ GML = 0.185173 | AML = 0.323476 | MoV = 0.397668 | VoV = 0.002797 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004650 | VoV = 0.000014 ]
```

```
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
```

```
Average loss=0.32045552134513855
```

```
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.29 step/s]
```

```
[Valid(teacher)][9][UTT][ MSE = 0.9461 | LCC = 0.6260 | SRCC = 0.5998 ] [SYS][ MSE = 0.5719 | LCC = 0.9647 | SRCC = 0.9166 ]
```

```
[Valid(teacher)][9][UTT][ GML = 0.191729 | AML = 0.329441 | MoV = 0.394200 | VoV = 0.002496 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004592 | VoV = 0.000013 ]
```

```
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
```

```
Average loss=0.30215251445770264
```

```
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.58 step/s]
```

```
[Valid(teacher)][10][UTT][ MSE = 0.9446 | LCC = 0.6219 | SRCC = 0.5998 ] [SYS][ MSE = 0.5651 | LCC = 0.9620 | SRCC = 0.9159 ]
```

```
[Valid(teacher)][10][UTT][ GML = 0.189352 | AML = 0.330541 | MoV = 0.386755 | VoV = 0.002312 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004499 | VoV = 0.000013 ]
```

```
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
```

```
Average loss=0.27984240651130676
```

```
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.39 step/s]
```

```
[Valid(teacher)][11][UTT][ MSE = 0.8881 | LCC = 0.6183 | SRCC = 0.6000 ] [SYS][ MSE = 0.4996 | LCC = 0.9598 | SRCC = 0.9132 ]
```

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

Average loss=0.09583615511655807  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.48 step/s]

[Valid(teacher)][20][UTT][ MSE = 0.6760 | LCC = 0.6312 | SRCC = 0.6055 | [SYS][ MSE = 0.2347 | LCC = 0.9669 | SRCC = 0.9118 ]  
[Valid(teacher)][20][UTT][ GML = 0.249255 | AML = 0.392790 | MoV = 0.338609 | VoV = 0.001961 | [SYS][ GML = 0.000000 | AML = 0.003666 | MoV = 0.003821 | VoV = 0.000007 ]  
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]  
Average loss=0.07510939240455627  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.37 step/s]

[Valid(teacher)][21][UTT][ MSE = 0.6427 | LCC = 0.6342 | SRCC = 0.6064 | [SYS][ MSE = 0.1966 | LCC = 0.9693 | SRCC = 0.9118 ]  
[Valid(teacher)][21][UTT][ GML = 0.260279 | AML = 0.401735 | MoV = 0.333826 | VoV = 0.001951 | [SYS][ GML = 0.000000 | AML = 0.014791 | MoV = 0.003753 | VoV = 0.000006 ]  
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]  
Average loss=0.05161102116107941  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.95 step/s]

[Valid(teacher)][22][UTT][ MSE = 0.6458 | LCC = 0.6349 | SRCC = 0.6076 | [SYS][ MSE = 0.1992 | LCC = 0.9699 | SRCC = 0.9159 ]  
[Valid(teacher)][22][UTT][ GML = 0.255751 | AML = 0.402414 | MoV = 0.326340 | VoV = 0.001933 | [SYS][ GML = 0.000000 | AML = 0.010393 | MoV = 0.003664 | VoV = 0.000006 ]  
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]  
Average loss=0.037162404507398605  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.81 step/s]

[Valid(teacher)][23][UTT][ MSE = 0.6520 | LCC = 0.6350 | SRCC = 0.6078 | [SYS][ MSE = 0.2055 | LCC = 0.9703 | SRCC = 0.9227 ]  
[Valid(teacher)][23][UTT][ GML = 0.251240 | AML = 0.401578 | MoV = 0.321428 | VoV = 0.001875 | [SYS][ GML = 0.000000 | AML = 0.004374 | MoV = 0.003611 | VoV = 0.000006 ]  
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]  
Average loss=0.01722261175398254  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.96 step/s]

[Valid(teacher)][24][UTT][ MSE = 0.6415 | LCC = 0.6349 | SRCC = 0.6072 | [SYS][ MSE = 0.1914 | LCC = 0.9700 | SRCC = 0.9221 ]  
[Valid(teacher)][24][UTT][ GML = 0.252610 | AML = 0.404953 | MoV = 0.315465 | VoV = 0.001899 | [SYS][ GML = 0.000000 | AML = 0.009755 | MoV = 0.003538 | VoV = 0.000006 ]  
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]  
Average loss=0.0019696387462317944  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.93 step/s]

[Valid(teacher)][25][UTT][ MSE = 0.6255 | LCC = 0.6339 | SRCC = 0.6057 | [SYS][ MSE = 0.1689 | LCC = 0.9703 | SRCC = 0.9241 ]  
[Valid(teacher)][25][UTT][ GML = 0.256797 | AML = 0.410438 | MoV = 0.310812 | VoV = 0.001886 | [SYS][ GML = 0.000000 | AML = 0.040467 | MoV = 0.003481 | VoV = 0.000005 ]  
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]  
Average loss=0.013169284909963608  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.35 step/s]

[Valid(teacher)][26][UTT][ MSE = 0.6148 | LCC = 0.6361 | SRCC = 0.6074 | [SYS][ MSE = 0.1607 | LCC = 0.9715 | SRCC = 0.9234 ]  
[Valid(teacher)][26][UTT][ GML = 0.260253 | AML = 0.413465 | MoV = 0.308464 | VoV = 0.001913 | [SYS][ GML = 0.000000 | AML = 0.040071 | MoV = 0.003453 | VoV = 0.000005 ]  
Train: 100% 845/845 [03:23<00:00, 4.14 step/s]  
Average loss=0.03151795268058777  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.57 step/s]

[Valid(teacher)][27][UTT][ MSE = 0.5984 | LCC = 0.6375 | SRCC = 0.6083 | [SYS][ MSE = 0.1429 | LCC = 0.9720 | SRCC = 0.9234 ]  
[Valid(teacher)][27][UTT][ GML = 0.266081 | AML = 0.418557 | MoV = 0.305514 | VoV = 0.001908 | [SYS][ GML = 0.000000 | AML = 0.095203 | MoV = 0.003413 | VoV = 0.000005 ]  
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]  
Average loss=-0.04878281056880951  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.21 step/s]

[Valid(teacher)][28][UTT][ MSE = 0.5783 | LCC = 0.6397 | SRCC = 0.6099 | [SYS][ MSE = 0.1202 | LCC = 0.9729 | SRCC = 0.9166 ]  
[Valid(teacher)][28][UTT][ GML = 0.272948 | AML = 0.425352 | MoV = 0.301562 | VoV = 0.001936 | [SYS][ GML = 0.000000 | AML = 0.219975 | MoV = 0.003369 | VoV = 0.000005 ]  
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]  
Average loss=-0.06502828001976013  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.16 step/s]

[Valid(teacher)][29][UTT][ MSE = 0.5813 | LCC = 0.6407 | SRCC = 0.6100 | [SYS][ MSE = 0.1246 | LCC = 0.9745 | SRCC = 0.9248 ]  
[Valid(teacher)][29][UTT][ GML = 0.269653 | AML = 0.425775 | MoV = 0.297945 | VoV = 0.001961 | [SYS][ GML = 0.000000 | AML = 0.114391 | MoV = 0.003327 | VoV = 0.000005 ]  
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]  
Average loss=-0.08697482943534851  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.75 step/s]

[Valid(teacher)][30][UTT][ MSE = 0.5750 | LCC = 0.6414 | SRCC = 0.6100 | [SYS][ MSE = 0.1188 | LCC = 0.9750 | SRCC = 0.9309 ]  
[Valid(teacher)][30][UTT][ GML = 0.271182 | AML = 0.427836 | MoV = 0.294594 | VoV = 0.001916 | [SYS][ GML = 0.000000 | AML = 0.143062 | MoV = 0.003288 | VoV = 0.000005 ]  
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]  
Average loss=-0.10342382639646553  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.08 step/s]

[Valid(teacher)][31][UTT][ MSE = 0.5870 | LCC = 0.6399 | SRCC = 0.6089 | [SYS][ MSE = 0.1304 | LCC = 0.9750 | SRCC = 0.9248 ]  
[Valid(teacher)][31][UTT][ GML = 0.262345 | AML = 0.426220 | MoV = 0.289589 | VoV = 0.001956 | [SYS][ GML = 0.000000 | AML = 0.075969 | MoV = 0.003236 | VoV = 0.000004 ]  
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]  
Average loss=-0.11894293874502182  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.96 step/s]

[Valid(teacher)][32][UTT][ MSE = 0.6110 | LCC = 0.6386 | SRCC = 0.6082 | [SYS][ MSE = 0.1582 | LCC = 0.9748 | SRCC = 0.9248 ]  
[Valid(teacher)][32][UTT][ GML = 0.248562 | AML = 0.420565 | MoV = 0.285118 | VoV = 0.001988 | [SYS][ GML = 0.000000 | AML = 0.019422 | MoV = 0.003191 | VoV = 0.000004 ]  
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]  
Average loss=-0.136024609208107  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.73 step/s]

[Valid(teacher)][33][UTT][ MSE = 0.5823 | LCC = 0.6410 | SRCC = 0.6100 | [SYS][ MSE = 0.1268 | LCC = 0.9759 | SRCC = 0.9303 ]  
[Valid(teacher)][33][UTT][ GML = 0.260766 | AML = 0.428813 | MoV = 0.282603 | VoV = 0.001943 | [SYS][ GML = 0.000000 | AML = 0.081811 | MoV = 0.003151 | VoV = 0.000004 ]  
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]  
Average loss=-0.15584804117679596  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.22 step/s]

[Valid(teacher)][34][UTT][ MSE = 0.5638 | LCC = 0.6408 | SRCC = 0.6090 | [SYS][ MSE = 0.1028 | LCC = 0.9758 | SRCC = 0.9241 ]  
[Valid(teacher)][34][UTT][ GML = 0.267525 | AML = 0.434617 | MoV = 0.279013 | VoV = 0.001921 | [SYS][ GML = 0.000000 | AML = 0.264805 | MoV = 0.003110 | VoV = 0.000004 ]  
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]  
Average loss=-0.16385219991207123  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.24 step/s]

[Valid(teacher)][35][UTT][ MSE = 0.5749 | LCC = 0.6388 | SRCC = 0.6072 | [SYS][ MSE = 0.1124 | LCC = 0.9751 | SRCC = 0.9200 ]  
[Valid(teacher)][35][UTT][ GML = 0.259701 | AML = 0.432593 | MoV = 0.275783 | VoV = 0.001971 | [SYS][ GML = 0.000000 | AML = 0.153225 | MoV = 0.003081 | VoV = 0.000004 ]  
Train: 100% 845/845 [03:23<00:00, 4.14 step/s]  
Average loss=-0.1848895400762558  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.72 step/s]

[Valid(teacher)][36][UTT][ MSE = 0.5641 | LCC = 0.6404 | SRCC = 0.6083 | [SYS][ MSE = 0.0981 | LCC = 0.9767 | SRCC = 0.9207 ]  
[Valid(teacher)][36][UTT][ GML = 0.261593 | AML = 0.437016 | MoV = 0.270739 | VoV = 0.001999 | [SYS][ GML = 0.000000 | AML = 0.258388 | MoV = 0.003026 | VoV = 0.000004 ]  
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]  
Average loss=-0.20222319662570953  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.46 step/s]

[Valid(teacher)][37][UTT][ MSE = 0.5317 | LCC = 0.6430 | SRCC = 0.6109 | [SYS][ MSE = 0.0637 | LCC = 0.9778 | SRCC = 0.9316 ]  
[Valid(teacher)][37][UTT][ GML = 0.277773 | AML = 0.446763 | MoV = 0.268130 | VoV = 0.001890 | [SYS][ GML = 0.000018 | AML = 1.149694 | MoV = 0.002988 | VoV = 0.000004 ]  
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]  
Average loss=-0.21054462814331055  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.87 step/s]

[Valid(teacher)][38][UTT][ MSE = 0.5222 | LCC = 0.6431 | SRCC = 0.6107 | [SYS][ MSE = 0.0518 | LCC = 0.9784 | SRCC = 0.9316 ]  
[Valid(teacher)][38][UTT][ GML = 0.281199 | AML = 0.450391 | MoV = 0.264779 | VoV = 0.001891 | [SYS][ GML = 0.000177 | AML = 1.650827 | MoV = 0.002947 | VoV = 0.000004 ]  
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]  
Average loss=-0.22672608494758606  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.76 step/s]

[Valid(teacher)][39][UTT][ MSE = 0.5197 | LCC = 0.6426 | SRCC = 0.6112 | [SYS][ MSE = 0.0475 | LCC = 0.9771 | SRCC = 0.9316 ]  
[Valid(teacher)][39][UTT][ GML = 0.280930 | AML = 0.451936 | MoV = 0.261757 | VoV = 0.001818 | [SYS][ GML = 0.000399 | AML = 1.887706 | MoV = 0.002916 | VoV = 0.000003 ]  
Train: 100% 845/845 [03:23<00:00, 4.14 step/s]  
Average loss=-0.24673715233802795  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.83 step/s]

[Valid(teacher)][40][UTT][ MSE = 0.5293 | LCC = 0.6395 | SRCC = 0.6084 | [SYS][ MSE = 0.0538 | LCC = 0.9770 | SRCC = 0.9316 ]  
[Valid(teacher)][40][UTT][ GML = 0.271825 | AML = 0.450513 | MoV = 0.256647 | VoV = 0.001832 | [SYS][ GML = 0.000086 | AML = 1.481995 | MoV = 0.002860 | VoV = 0.000003 ]  
Train: 100% 845/845 [03:24<00:00, 4.12 step/s]  
Average loss=-0.264737069606781  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.69 step/s]

[Valid(teacher)][41][UTT][ MSE = 0.5414 | LCC = 0.6373 | SRCC = 0.6061 | [SYS][ MSE = 0.0600 | LCC = 0.9771 | SRCC = 0.9357 ]  
[Valid(teacher)][41][UTT][ GML = 0.260336 | AML = 0.449102 | MoV = 0.250418 | VoV = 0.001853 | [SYS][ GML = 0.000015 | AML = 1.073020 | MoV = 0.002790 | VoV = 0.000003 ]  
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]  
Average loss=-0.2687816023826599  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.57 step/s]

[Valid(teacher)][42][UTT][ MSE = 0.5353 | LCC = 0.6369 | SRCC = 0.6060 | [SYS][ MSE = 0.0542 | LCC = 0.9767 | SRCC = 0.9296 ]  
[Valid(teacher)][42][UTT][ GML = 0.264211 | AML = 0.450605 | MoV = 0.250702 | VoV = 0.001819 | [SYS][ GML = 0.000062 | AML = 1.270993 | MoV = 0.002794 | VoV = 0.000003 ]  
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]  
Average loss=-0.28781405091285706  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.40 step/s]

[Valid(teacher)][43][UTT][ MSE = 0.5278 | LCC = 0.6382 | SRCC = 0.6069 | [SYS][ MSE = 0.0490 | LCC = 0.9771 | SRCC = 0.9323 ]  
[Valid(teacher)][43][UTT][ GML = 0.266965 | AML = 0.453312 | MoV = 0.247469 | VoV = 0.001714 | [SYS][ GML = 0.000187 | AML = 1.624409 | MoV = 0.002756 | VoV = 0.000003 ]

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Train: 100% 845/845 [03:23<00:00, 4.16 step/s]
Average loss=-0.2962769865989685
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.42 step/s]

[Valid(teacher)][44][UTT][ MSE = 0.5173 | LCC = 0.6381 | SRCC = 0.6072 | [SYS][ MSE = 0.0357 | LCC = 0.9761 | SRCC = 0.9289 ]
[Valid(teacher)][44][UTT][ GML = 0.272529 | AML = 0.456319 | MoV = 0.246300 | VoV = 0.001736 | [SYS][ GML = 0.003932 | AML = 2.373098 | MoV = 0.002737 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.3203133446502686
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.44 step/s]

[Valid(teacher)][45][UTT][ MSE = 0.5184 | LCC = 0.6391 | SRCC = 0.6071 | [SYS][ MSE = 0.0415 | LCC = 0.9767 | SRCC = 0.9289 ]
[Valid(teacher)][45][UTT][ GML = 0.271178 | AML = 0.456632 | MoV = 0.244693 | VoV = 0.001689 | [SYS][ GML = 0.001003 | AML = 2.001968 | MoV = 0.002718 | VoV = 0.000003 ]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=-0.3295368552207947
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.85 step/s]

[Valid(teacher)][46][UTT][ MSE = 0.5147 | LCC = 0.6389 | SRCC = 0.6068 | [SYS][ MSE = 0.0373 | LCC = 0.9764 | SRCC = 0.9289 ]
[Valid(teacher)][46][UTT][ GML = 0.271183 | AML = 0.457873 | MoV = 0.241400 | VoV = 0.001693 | [SYS][ GML = 0.002392 | AML = 2.118019 | MoV = 0.002684 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.3417796194553375
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.23 step/s]

[Valid(teacher)][47][UTT][ MSE = 0.5108 | LCC = 0.6379 | SRCC = 0.6070 | [SYS][ MSE = 0.0297 | LCC = 0.9749 | SRCC = 0.9255 ]
[Valid(teacher)][47][UTT][ GML = 0.270762 | AML = 0.460183 | MoV = 0.237836 | VoV = 0.001683 | [SYS][ GML = 0.012461 | AML = 2.726478 | MoV = 0.002645 | VoV = 0.000003 ]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.35355430841445923
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.14 step/s]

[Valid(teacher)][48][UTT][ MSE = 0.5101 | LCC = 0.6370 | SRCC = 0.6058 | [SYS][ MSE = 0.0284 | LCC = 0.9750 | SRCC = 0.9234 ]
[Valid(teacher)][48][UTT][ GML = 0.269692 | AML = 0.460795 | MoV = 0.235884 | VoV = 0.001696 | [SYS][ GML = 0.016602 | AML = 2.618607 | MoV = 0.002626 | VoV = 0.000003 ]
Train: 100% 845/845 [03:26<00:00, 4.09 step/s]
Average loss=-0.366061460971832
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.98 step/s]

[Valid(teacher)][49][UTT][ MSE = 0.5056 | LCC = 0.6377 | SRCC = 0.6063 | [SYS][ MSE = 0.0252 | LCC = 0.9744 | SRCC = 0.9255 ]
[Valid(teacher)][49][UTT][ GML = 0.271547 | AML = 0.462567 | MoV = 0.233807 | VoV = 0.001659 | [SYS][ GML = 0.033343 | AML = 2.635794 | MoV = 0.002601 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00, 4.14 step/s]
Average loss=-0.3701707720756531
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.28 step/s]

[Valid(teacher)][50][UTT][ MSE = 0.5114 | LCC = 0.6372 | SRCC = 0.6061 | [SYS][ MSE = 0.0283 | LCC = 0.9746 | SRCC = 0.9255 ]
[Valid(teacher)][50][UTT][ GML = 0.265359 | AML = 0.461901 | MoV = 0.231331 | VoV = 0.001683 | [SYS][ GML = 0.013043 | AML = 2.643397 | MoV = 0.002579 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.3892640471458435
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.15 step/s]

[Valid(teacher)][51][UTT][ MSE = 0.5123 | LCC = 0.6357 | SRCC = 0.6051 | [SYS][ MSE = 0.0253 | LCC = 0.9750 | SRCC = 0.9303 ]
[Valid(teacher)][51][UTT][ GML = 0.262449 | AML = 0.462707 | MoV = 0.228100 | VoV = 0.001682 | [SYS][ GML = 0.028670 | AML = 2.725700 | MoV = 0.002545 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.3983567059040696
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.57 step/s]

[Valid(teacher)][52][UTT][ MSE = 0.5108 | LCC = 0.6359 | SRCC = 0.6058 | [SYS][ MSE = 0.0235 | LCC = 0.9747 | SRCC = 0.9303 ]
[Valid(teacher)][52][UTT][ GML = 0.259329 | AML = 0.464904 | MoV = 0.222746 | VoV = 0.001585 | [SYS][ GML = 0.038527 | AML = 2.709040 | MoV = 0.002487 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.4102743864059448
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.84 step/s]

[Valid(teacher)][53][UTT][ MSE = 0.5110 | LCC = 0.6347 | SRCC = 0.6048 | [SYS][ MSE = 0.0240 | LCC = 0.9745 | SRCC = 0.9268 ]
[Valid(teacher)][53][UTT][ GML = 0.257869 | AML = 0.464846 | MoV = 0.220931 | VoV = 0.001558 | [SYS][ GML = 0.037851 | AML = 2.961591 | MoV = 0.002467 | VoV = 0.000003 ]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=-0.4208850860595703
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.31 step/s]

[Valid(teacher)][54][UTT][ MSE = 0.5098 | LCC = 0.6346 | SRCC = 0.6048 | [SYS][ MSE = 0.0217 | LCC = 0.9744 | SRCC = 0.9357 ]
[Valid(teacher)][54][UTT][ GML = 0.257362 | AML = 0.465612 | MoV = 0.220856 | VoV = 0.001633 | [SYS][ GML = 0.070022 | AML = 2.618125 | MoV = 0.002452 | VoV = 0.000003 ]
Train: 100% 845/845 [00:00<00:00, 4.13 step/s]
Average loss=-0.4353306591510727
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.59 step/s]

[Valid(teacher)][55][UTT][ MSE = 0.5160 | LCC = 0.6310 | SRCC = 0.6024 | [SYS][ MSE = 0.0221 | LCC = 0.9720 | SRCC = 0.9330 ]
[Valid(teacher)][55][UTT][ GML = 0.251381 | AML = 0.464713 | MoV = 0.216899 | VoV = 0.001576 | [SYS][ GML = 0.063223 | AML = 2.206690 | MoV = 0.002420 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00, 4.14 step/s]
Average loss=-0.45099306106567383
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.85 step/s]

[Valid(teacher)][56][UTT][ MSE = 0.5153 | LCC = 0.6314 | SRCC = 0.6028 | [SYS][ MSE = 0.0224 | LCC = 0.9724 | SRCC = 0.9364 ]
[Valid(teacher)][56][UTT][ GML = 0.249288 | AML = 0.466278 | MoV = 0.214237 | VoV = 0.001532 | [SYS][ GML = 0.059520 | AML = 2.726983 | MoV = 0.002398 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.4551350772380829
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.12 step/s]

[Valid(teacher)][57][UTT][ MSE = 0.5149 | LCC = 0.6316 | SRCC = 0.6031 | [SYS][ MSE = 0.0218 | LCC = 0.9723 | SRCC = 0.9453 ]
[Valid(teacher)][57][UTT][ GML = 0.248371 | AML = 0.467308 | MoV = 0.212183 | VoV = 0.001531 | [SYS][ GML = 0.066471 | AML = 2.251957 | MoV = 0.002373 | VoV = 0.000002 ]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.4649318754673004
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.49 step/s]

[Valid(teacher)][58][UTT][ MSE = 0.5206 | LCC = 0.6289 | SRCC = 0.6007 | [SYS][ MSE = 0.0250 | LCC = 0.9696 | SRCC = 0.9330 ]
[Valid(teacher)][58][UTT][ GML = 0.244512 | AML = 0.466387 | MoV = 0.210351 | VoV = 0.001452 | [SYS][ GML = 0.025648 | AML = 2.025756 | MoV = 0.002350 | VoV = 0.000002 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.4743923246060504
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.56 step/s]

[Valid(teacher)][59][UTT][ MSE = 0.5141 | LCC = 0.6306 | SRCC = 0.6019 | [SYS][ MSE = 0.0218 | LCC = 0.9728 | SRCC = 0.9446 ]
[Valid(teacher)][59][UTT][ GML = 0.246008 | AML = 0.468242 | MoV = 0.209429 | VoV = 0.001567 | [SYS][ GML = 0.070121 | AML = 2.613081 | MoV = 0.002343 | VoV = 0.000002 ]
Train: 100% 845/845 [03:26<00:00, 4.10 step/s]
Average loss=-0.4892159104347229
Valid(teacher): 100% 3000/3000 [00:16<00:00, 180.91 step/s]

[Valid(teacher)][60][UTT][ MSE = 0.5176 | LCC = 0.6296 | SRCC = 0.6012 | [SYS][ MSE = 0.0223 | LCC = 0.9726 | SRCC = 0.9412 ]
[Valid(teacher)][60][UTT][ GML = 0.241065 | AML = 0.467682 | MoV = 0.207224 | VoV = 0.001646 | [SYS][ GML = 0.053291 | AML = 2.478723 | MoV = 0.002317 | VoV = 0.000002 ]
Best model performance test:
Test(best): 0% 0/4000 [00:00<, ? step/s]/home/x_xlian/.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 [00:22<00:00, 174.74 step/s]

[Test(best)][61][UTT][ MSE = 0.5081 | LCC = 0.6567 | SRCC = 0.6232 | [SYS][ MSE = 0.0471 | LCC = 0.9789 | SRCC = 0.9562 ]
[Test(best)][61][UTT][ GML = 0.287664 | AML = 0.460200 | MoV = 0.264417 | VoV = 0.001847 | [SYS][ GML = 0.000041 | AML = 1.767764 | MoV = 0.002167 | VoV = 0.000002 ]
Test(last): 100% 4000/4000 [00:21<00:00, 186.27 step/s]

[Test(last)][61][UTT][ MSE = 0.5078 | LCC = 0.6436 | SRCC = 0.6142 | [SYS][ MSE = 0.0201 | LCC = 0.9766 | SRCC = 0.9720 ]
[Test(last)][61][UTT][ GML = 0.242599 | AML = 0.476395 | MoV = 0.208143 | VoV = 0.001739 | [SYS][ GML = 0.037534 | AML = 2.397917 | MoV = 0.001702 | VoV = 0.000001 ]
(lxygpu) [x_xliangnode015 ProMOSNet]$ client_loop: send disconnect: Broken pipe
lxy@Hope-Liang-NBA ProMOSNet
```