

```
xgboost [x_xlian_node083 ProMOSNet] python train.py --lambda_c=0 --lambda_t=1 --runs/cwd "runs/c0-t1/run5"
```

```
Loading all wav files.
```

```
[REDACTED] | 54040/54040 [07:50<00:00, 114.85it/s]
```

```
/pro/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.
```

```
[REDACTED] | 3000/3000 [01:43<00:00, 28.94it/s]
```

```
/pro/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.
```

```
[REDACTED] | 4000/4000 [02:21<00:00, 28.36it/s]
```

```
/pro/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 [03:26<00:00, 4.09 step/s]
```

```
Average loss=136063.046875
```

```
Valid(teacher): 100% 3000/3000 [00:15<00:00, 187.89 step/s]
```

```
[Valid(teacher)][0][UTT] MSE = 0.8185 | LCC = 0.4817 | SRCC = 0.4577 | [SYS] MSE = 0.4455 | LCC = 0.8382 | SRCC = 0.8236 ]
```

```
[Valid(teacher)][0][UTT] GML = 0.257889 | AML = 0.330044 | MoV = 0.603072 | VoV = 0.007147 | [SYS] GML = 0.000000 | AML = 0.437124 | MoV = 0.006987 | VoV = 0.000032 ]
```

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

```
Average loss=0.49078863859176636
```

```
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.18 step/s]
```

```
[Valid(teacher)][1][UTT] MSE = 0.6199 | LCC = 0.5665 | SRCC = 0.5274 | [SYS] MSE = 0.1989 | LCC = 0.9078 | SRCC = 0.8605 ]
```

```
[Valid(teacher)][1][UTT] GML = 0.302129 | AML = 0.366141 | MoV = 0.545456 | VoV = 0.006607 | [SYS] GML = 0.000002 | AML = 0.743733 | MoV = 0.006370 | VoV = 0.000028 ]
```

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

```
Average loss=0.4037947952747345
```

```
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.43 step/s]
```

```
[Valid(teacher)][2][UTT] MSE = 0.6351 | LCC = 0.5935 | SRCC = 0.5509 | [SYS] MSE = 0.2029 | LCC = 0.9360 | SRCC = 0.8660 ]
```

```
[Valid(teacher)][2][UTT] GML = 0.293562 | AML = 0.368139 | MoV = 0.517225 | VoV = 0.006453 | [SYS] GML = 0.000000 | AML = 0.333061 | MoV = 0.005973 | VoV = 0.000023 ]
```

```
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
```

```
Average loss=0.352587968110382
```

```
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.75 step/s]
```

```
[Valid(teacher)][3][UTT] MSE = 0.5915 | LCC = 0.6109 | SRCC = 0.5676 | [SYS] MSE = 0.1507 | LCC = 0.9473 | SRCC = 0.8831 ]
```

```
[Valid(teacher)][3][UTT] GML = 0.307652 | AML = 0.381442 | MoV = 0.492646 | VoV = 0.004664 | [SYS] GML = 0.000002 | AML = 0.667000 | MoV = 0.005541 | VoV = 0.000015 ]
```

```
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
```

```
Average loss=0.3127676546573639
```

```
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.17 step/s]
```

```
[Valid(teacher)][4][UTT] MSE = 0.7833 | LCC = 0.6212 | SRCC = 0.5768 | [SYS] MSE = 0.3581 | LCC = 0.9578 | SRCC = 0.8865 ]
```

```
[Valid(teacher)][4][UTT] GML = 0.236365 | AML = 0.352499 | MoV = 0.449824 | VoV = 0.007182 | [SYS] GML = 0.000000 | AML = 0.002232 | MoV = 0.005090 | VoV = 0.000014 ]
```

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

```
Average loss=0.2842095196247101
```

```
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.95 step/s]
```

```
[Valid(teacher)][5][UTT] MSE = 0.6568 | LCC = 0.6269 | SRCC = 0.5842 | [SYS] MSE = 0.2296 | LCC = 0.9576 | SRCC = 0.8790 ]
```

```
[Valid(teacher)][5][UTT] GML = 0.281988 | AML = 0.375660 | MoV = 0.460630 | VoV = 0.005632 | [SYS] GML = 0.000000 | AML = 0.270281 | MoV = 0.005164 | VoV = 0.000013 ]
```

```
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
```

```
Average loss=0.2559163570404053
```

```
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.03 step/s]
```

```
[Valid(teacher)][6][UTT] MSE = 0.5505 | LCC = 0.6338 | SRCC = 0.5914 | [SYS] MSE = 0.1158 | LCC = 0.9603 | SRCC = 0.8742 ]
```

```
[Valid(teacher)][6][UTT] GML = 0.320584 | AML = 0.396076 | MoV = 0.466132 | VoV = 0.004377 | [SYS] GML = 0.000015 | AML = 0.860804 | MoV = 0.005183 | VoV = 0.000012 ]
```

```
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
```

```
Average loss=0.2380149936676025
```

```
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.40 step/s]
```

```
[Valid(teacher)][7][UTT] MSE = 0.5502 | LCC = 0.6369 | SRCC = 0.5962 | [SYS] MSE = 0.1143 | LCC = 0.9641 | SRCC = 0.8926 ]
```

```
[Valid(teacher)][7][UTT] GML = 0.319977 | AML = 0.398812 | MoV = 0.455419 | VoV = 0.004165 | [SYS] GML = 0.000012 | AML = 0.748581 | MoV = 0.005061 | VoV = 0.000011 ]
```

```
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
```

```
Average loss=0.2048438936471939
```

```
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.04 step/s]
```

```
[Valid(teacher)][8][UTT] MSE = 0.5805 | LCC = 0.6366 | SRCC = 0.5972 | [SYS] MSE = 0.1430 | LCC = 0.9676 | SRCC = 0.8981 ]
```

```
[Valid(teacher)][8][UTT] GML = 0.307465 | AML = 0.395724 | MoV = 0.442118 | VoV = 0.003863 | [SYS] GML = 0.000000 | AML = 0.511176 | MoV = 0.004933 | VoV = 0.000011 ]
```

```
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
```

```
Average loss=0.1799225211434937
```

```
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.33 step/s]
```

```
[Valid(teacher)][9][UTT] MSE = 0.5974 | LCC = 0.6365 | SRCC = 0.5983 | [SYS] MSE = 0.1533 | LCC = 0.9711 | SRCC = 0.9207 ]
```

```
[Valid(teacher)][9][UTT] GML = 0.298025 | AML = 0.394618 | MoV = 0.430310 | VoV = 0.003569 | [SYS] GML = 0.000000 | AML = 0.391120 | MoV = 0.004795 | VoV = 0.000010 ]
```

```
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
```

```
Average loss=0.15612272918224335
```

```
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.68 step/s]
```

```
[Valid(teacher)][10][UTT] MSE = 0.6205 | LCC = 0.6334 | SRCC = 0.5963 | [SYS] MSE = 0.1716 | LCC = 0.9708 | SRCC = 0.9241 ]
```

```
[Valid(teacher)][10][UTT] GML = 0.289006 | AML = 0.392602 | MoV = 0.418894 | VoV = 0.003644 | [SYS] GML = 0.000000 | AML = 0.252414 | MoV = 0.004682 | VoV = 0.000010 ]
```

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

```
Average loss=0.13514301180839539
```

```
Valid(teacher): 
```

Average loss=-0.05604115501046181
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.30 step/s]

[Valid(teacher)][20][UTT][MSE = 0.5690 | LCC = 0.6251 | SRCC = 0.5921 | [SYS][MSE = 0.0707 | LCC = 0.9773 | SRCC = 0.9262]
[Valid(teacher)][20][UTT][GML = 0.291604 | AML = 0.422648 | MoV = 0.346654 | VoV = 0.002972 | [SYS][GML = 0.000033 | AML = 0.839792 | MoV = 0.003862 | VoV = 0.000007]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.07145939022302628
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.38 step/s]

[Valid(teacher)][21][UTT][MSE = 0.5712 | LCC = 0.6234 | SRCC = 0.5909 | [SYS][MSE = 0.0689 | LCC = 0.9778 | SRCC = 0.9207]
[Valid(teacher)][21][UTT][GML = 0.287640 | AML = 0.424122 | MoV = 0.338478 | VoV = 0.002969 | [SYS][GML = 0.000033 | AML = 0.895952 | MoV = 0.003780 | VoV = 0.000006]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=-0.08939605951309204
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.12 step/s]

[Valid(teacher)][22][UTT][MSE = 0.5531 | LCC = 0.6227 | SRCC = 0.5899 | [SYS][MSE = 0.0494 | LCC = 0.9768 | SRCC = 0.9289]
[Valid(teacher)][22][UTT][GML = 0.296220 | AML = 0.428812 | MoV = 0.335631 | VoV = 0.002734 | [SYS][GML = 0.001003 | AML = 1.015492 | MoV = 0.003730 | VoV = 0.000006]
Train: 100% 845/845 [03:24<00:00, 4.12 step/s]
Average loss=-0.1073729395866394
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.77 step/s]

[Valid(teacher)][23][UTT][MSE = 0.5524 | LCC = 0.6205 | SRCC = 0.5880 | [SYS][MSE = 0.0439 | LCC = 0.9766 | SRCC = 0.9221]
[Valid(teacher)][23][UTT][GML = 0.294464 | AML = 0.430664 | MoV = 0.330146 | VoV = 0.002731 | [SYS][GML = 0.002225 | AML = 1.208567 | MoV = 0.003667 | VoV = 0.000006]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=-0.1241757869720459
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.71 step/s]

[Valid(teacher)][24][UTT][MSE = 0.5607 | LCC = 0.6201 | SRCC = 0.5869 | [SYS][MSE = 0.0529 | LCC = 0.9776 | SRCC = 0.9357]
[Valid(teacher)][24][UTT][GML = 0.286756 | AML = 0.430117 | MoV = 0.323599 | VoV = 0.002913 | [SYS][GML = 0.000399 | AML = 1.176686 | MoV = 0.003618 | VoV = 0.000006]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=-0.1436053365468979
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.36 step/s]

[Valid(teacher)][25][UTT][MSE = 0.5463 | LCC = 0.6191 | SRCC = 0.5862 | [SYS][MSE = 0.0353 | LCC = 0.9758 | SRCC = 0.9275]
[Valid(teacher)][25][UTT][GML = 0.292725 | AML = 0.434776 | MoV = 0.319604 | VoV = 0.002817 | [SYS][GML = 0.010977 | AML = 1.843280 | MoV = 0.003559 | VoV = 0.000006]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=-0.16558144986629486
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.96 step/s]

[Valid(teacher)][26][UTT][MSE = 0.5541 | LCC = 0.6171 | SRCC = 0.5849 | [SYS][MSE = 0.0402 | LCC = 0.9754 | SRCC = 0.9323]
[Valid(teacher)][26][UTT][GML = 0.285745 | AML = 0.435005 | MoV = 0.313342 | VoV = 0.002840 | [SYS][GML = 0.003755 | AML = 1.553120 | MoV = 0.003492 | VoV = 0.000005]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=-0.1830068677663803
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.08 step/s]

[Valid(teacher)][27][UTT][MSE = 0.5598 | LCC = 0.6167 | SRCC = 0.5843 | [SYS][MSE = 0.0446 | LCC = 0.9784 | SRCC = 0.9350]
[Valid(teacher)][27][UTT][GML = 0.279336 | AML = 0.434730 | MoV = 0.308103 | VoV = 0.002896 | [SYS][GML = 0.001432 | AML = 1.405307 | MoV = 0.003442 | VoV = 0.000005]
Train: 100% 845/845 [03:24<00:00, 4.12 step/s]
Average loss=-0.19387158751487732
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.30 step/s]

[Valid(teacher)][28][UTT][MSE = 0.5573 | LCC = 0.6169 | SRCC = 0.5839 | [SYS][MSE = 0.0455 | LCC = 0.9786 | SRCC = 0.9350]
[Valid(teacher)][28][UTT][GML = 0.279849 | AML = 0.435485 | MoV = 0.304491 | VoV = 0.002721 | [SYS][GML = 0.001292 | AML = 1.469251 | MoV = 0.003401 | VoV = 0.000005]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.21734575927257538
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.69 step/s]

[Valid(teacher)][29][UTT][MSE = 0.5798 | LCC = 0.6156 | SRCC = 0.5838 | [SYS][MSE = 0.0657 | LCC = 0.9799 | SRCC = 0.9364]
[Valid(teacher)][29][UTT][GML = 0.264262 | AML = 0.431876 | MoV = 0.296982 | VoV = 0.002798 | [SYS][GML = 0.000020 | AML = 0.854815 | MoV = 0.003331 | VoV = 0.000005]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=-0.22821427881717682
Valid(teacher): 100% 3000/3000 [00:16<00:00, 183.62 step/s]

[Valid(teacher)][30][UTT][MSE = 0.5845 | LCC = 0.6159 | SRCC = 0.5845 | [SYS][MSE = 0.0740 | LCC = 0.9798 | SRCC = 0.9364]
[Valid(teacher)][30][UTT][GML = 0.259506 | AML = 0.432073 | MoV = 0.292653 | VoV = 0.002779 | [SYS][GML = 0.000004 | AML = 0.505992 | MoV = 0.003296 | VoV = 0.000005]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.2507612976837158
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.81 step/s]

[Valid(teacher)][31][UTT][MSE = 0.5953 | LCC = 0.6152 | SRCC = 0.5833 | [SYS][MSE = 0.0804 | LCC = 0.9813 | SRCC = 0.9412]
[Valid(teacher)][31][UTT][GML = 0.250645 | AML = 0.430725 | MoV = 0.287878 | VoV = 0.002849 | [SYS][GML = 0.000001 | AML = 0.358649 | MoV = 0.003248 | VoV = 0.000005]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.26120275259017944
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.29 step/s]

[Valid(teacher)][32][UTT][MSE = 0.5842 | LCC = 0.6160 | SRCC = 0.5840 | [SYS][MSE = 0.0725 | LCC = 0.9822 | SRCC = 0.9385]
[Valid(teacher)][32][UTT][GML = 0.254782 | AML = 0.433198 | MoV = 0.286395 | VoV = 0.002877 | [SYS][GML = 0.000004 | AML = 0.380646 | MoV = 0.003235 | VoV = 0.000005]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.28133872151374817
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.84 step/s]

[Valid(teacher)][33][UTT][MSE = 0.6144 | LCC = 0.6157 | SRCC = 0.5846 | [SYS][MSE = 0.1028 | LCC = 0.9825 | SRCC = 0.9398]
[Valid(teacher)][33][UTT][GML = 0.235000 | AML = 0.427627 | MoV = 0.280066 | VoV = 0.003024 | [SYS][GML = 0.000000 | AML = 0.131879 | MoV = 0.003175 | VoV = 0.000005]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.2931006840812103
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.01 step/s]

[Valid(teacher)][34][UTT][MSE = 0.5934 | LCC = 0.6159 | SRCC = 0.5843 | [SYS][MSE = 0.0824 | LCC = 0.9821 | SRCC = 0.9426]
[Valid(teacher)][34][UTT][GML = 0.244124 | AML = 0.433461 | MoV = 0.277612 | VoV = 0.002818 | [SYS][GML = 0.000000 | AML = 0.271203 | MoV = 0.003136 | VoV = 0.000005]
Train: 100% 845/845 [03:24<00:00, 4.12 step/s]
Average loss=-0.3132639229297638
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.38 step/s]

[Valid(teacher)][35][UTT][MSE = 0.6058 | LCC = 0.6146 | SRCC = 0.5828 | [SYS][MSE = 0.0919 | LCC = 0.9827 | SRCC = 0.9446]
[Valid(teacher)][35][UTT][GML = 0.233151 | AML = 0.431867 | MoV = 0.271227 | VoV = 0.002937 | [SYS][GML = 0.000000 | AML = 0.169802 | MoV = 0.003073 | VoV = 0.000005]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=-0.33049580454826355
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.38 step/s]

[Valid(teacher)][36][UTT][MSE = 0.5728 | LCC = 0.6151 | SRCC = 0.5833 | [SYS][MSE = 0.0578 | LCC = 0.9816 | SRCC = 0.9487]
[Valid(teacher)][36][UTT][GML = 0.250178 | AML = 0.441252 | MoV = 0.269173 | VoV = 0.002702 | [SYS][GML = 0.000049 | AML = 0.830263 | MoV = 0.003032 | VoV = 0.000005]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.347475528717041
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.31 step/s]

[Valid(teacher)][37][UTT][MSE = 0.5952 | LCC = 0.6123 | SRCC = 0.5807 | [SYS][MSE = 0.0751 | LCC = 0.9827 | SRCC = 0.9521]
[Valid(teacher)][37][UTT][GML = 0.234763 | AML = 0.436734 | MoV = 0.265397 | VoV = 0.002884 | [SYS][GML = 0.000001 | AML = 0.320755 | MoV = 0.002998 | VoV = 0.000005]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.35996365547180176
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.19 step/s]

[Valid(teacher)][38][UTT][MSE = 0.5763 | LCC = 0.6110 | SRCC = 0.5791 | [SYS][MSE = 0.0563 | LCC = 0.9818 | SRCC = 0.9446]
[Valid(teacher)][38][UTT][GML = 0.244723 | AML = 0.441757 | MoV = 0.263565 | VoV = 0.002623 | [SYS][GML = 0.000064 | AML = 0.703615 | MoV = 0.002974 | VoV = 0.000005]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=-0.38419145345687866
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.45 step/s]

[Valid(teacher)][39][UTT][MSE = 0.5876 | LCC = 0.6110 | SRCC = 0.5798 | [SYS][MSE = 0.0686 | LCC = 0.9827 | SRCC = 0.9446]
[Valid(teacher)][39][UTT][GML = 0.234319 | AML = 0.440456 | MoV = 0.257106 | VoV = 0.002503 | [SYS][GML = 0.000003 | AML = 0.353012 | MoV = 0.002917 | VoV = 0.000005]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.3875674605369568
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.85 step/s]

[Valid(teacher)][40][UTT][MSE = 0.5894 | LCC = 0.6104 | SRCC = 0.5793 | [SYS][MSE = 0.0695 | LCC = 0.9824 | SRCC = 0.9453]
[Valid(teacher)][40][UTT][GML = 0.231065 | AML = 0.440522 | MoV = 0.255552 | VoV = 0.002617 | [SYS][GML = 0.000002 | AML = 0.354446 | MoV = 0.002908 | VoV = 0.000005]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=-0.4061953127384186
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.89 step/s]

[Valid(teacher)][41][UTT][MSE = 0.6067 | LCC = 0.6104 | SRCC = 0.5794 | [SYS][MSE = 0.0871 | LCC = 0.9834 | SRCC = 0.9576]
[Valid(teacher)][41][UTT][GML = 0.219357 | AML = 0.436723 | MoV = 0.251708 | VoV = 0.002643 | [SYS][GML = 0.000000 | AML = 0.205803 | MoV = 0.002871 | VoV = 0.000005]
Train: 100% 845/845 [03:24<00:00, 4.12 step/s]
Average loss=-0.41867873872624207
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.29 step/s]

[Valid(teacher)][42][UTT][MSE = 0.6240 | LCC = 0.6088 | SRCC = 0.5778 | [SYS][MSE = 0.1048 | LCC = 0.9837 | SRCC = 0.9583]
[Valid(teacher)][42][UTT][GML = 0.207368 | AML = 0.432968 | MoV = 0.246601 | VoV = 0.002566 | [SYS][GML = 0.000000 | AML = 0.095519 | MoV = 0.002823 | VoV = 0.000005]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.43318429589271545
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.17 step/s]

[Valid(teacher)][43][UTT][MSE = 0.5992 | LCC = 0.6067 | SRCC = 0.5758 | [SYS][MSE = 0.0770 | LCC = 0.9827 | SRCC = 0.9597]
[Valid(teacher)][43][UTT][GML = 0.217569 | AML = 0.439960 | MoV = 0.244353 | VoV = 0.002523 | [SYS][GML = 0.000000 | AML = 0.281580 | MoV = 0.002788 | VoV = 0.000004]

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Train: 100% 845/845 [03:25<00:00, 4.10 step/s]
Average loss=-0.44357365369796753
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.90 step/s]

[Valid(teacher)][44][UTT][ MSE = 0.6021 | LCC = 0.6064 | SRCC = 0.5757 ] [SYS][ MSE = 0.0801 | LCC = 0.9828 | SRCC = 0.9569 ]
[Valid(teacher)][44][UTT][ GML = 0.213642 | AML = 0.439943 | MoV = 0.242705 | VoV = 0.002578 ] [SYS][ GML = 0.000000 | AML = 0.239747 | MoV = 0.002779 | VoV = 0.000005 ]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=-0.4521468235118866
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.70 step/s]

[Valid(teacher)][45][UTT][ MSE = 0.6261 | LCC = 0.6055 | SRCC = 0.5752 ] [SYS][ MSE = 0.1049 | LCC = 0.9836 | SRCC = 0.9542 ]
[Valid(teacher)][45][UTT][ GML = 0.199167 | AML = 0.434258 | MoV = 0.238892 | VoV = 0.002613 ] [SYS][ GML = 0.000000 | AML = 0.040137 | MoV = 0.002745 | VoV = 0.000005 ]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.4713681638240814
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.49 step/s]

[Valid(teacher)][46][UTT][ MSE = 0.5884 | LCC = 0.6058 | SRCC = 0.5755 ] [SYS][ MSE = 0.0667 | LCC = 0.9833 | SRCC = 0.9576 ]
[Valid(teacher)][46][UTT][ GML = 0.218277 | AML = 0.444542 | MoV = 0.237586 | VoV = 0.002375 ] [SYS][ GML = 0.000003 | AML = 0.363069 | MoV = 0.002707 | VoV = 0.000004 ]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.4781002700328827
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.31 step/s]

[Valid(teacher)][47][UTT][ MSE = 0.6218 | LCC = 0.6046 | SRCC = 0.5744 ] [SYS][ MSE = 0.1015 | LCC = 0.9834 | SRCC = 0.9610 ]
[Valid(teacher)][47][UTT][ GML = 0.196714 | AML = 0.437014 | MoV = 0.233813 | VoV = 0.002478 ] [SYS][ GML = 0.000000 | AML = 0.065619 | MoV = 0.002684 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.49191558361053467
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.95 step/s]

[Valid(teacher)][48][UTT][ MSE = 0.6029 | LCC = 0.6053 | SRCC = 0.5744 ] [SYS][ MSE = 0.0858 | LCC = 0.9831 | SRCC = 0.9576 ]
[Valid(teacher)][48][UTT][ GML = 0.207106 | AML = 0.441299 | MoV = 0.233782 | VoV = 0.002388 ] [SYS][ GML = 0.000000 | AML = 0.134559 | MoV = 0.002673 | VoV = 0.000004 ]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=-0.5050961971282959
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.21 step/s]

[Valid(teacher)][49][UTT][ MSE = 0.6305 | LCC = 0.6042 | SRCC = 0.5739 ] [SYS][ MSE = 0.1142 | LCC = 0.9837 | SRCC = 0.9597 ]
[Valid(teacher)][49][UTT][ GML = 0.190073 | AML = 0.435340 | MoV = 0.230151 | VoV = 0.002454 ] [SYS][ GML = 0.000000 | AML = 0.018293 | MoV = 0.002645 | VoV = 0.000004 ]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=-0.5218146443367004
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.00 step/s]

[Valid(teacher)][50][UTT][ MSE = 0.6410 | LCC = 0.6032 | SRCC = 0.5739 ] [SYS][ MSE = 0.1207 | LCC = 0.9838 | SRCC = 0.9494 ]
[Valid(teacher)][50][UTT][ GML = 0.182583 | AML = 0.432891 | MoV = 0.227353 | VoV = 0.002467 ] [SYS][ GML = 0.000000 | AML = 0.006056 | MoV = 0.002613 | VoV = 0.000004 ]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.5363163352012634
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.74 step/s]

[Valid(teacher)][51][UTT][ MSE = 0.6299 | LCC = 0.6051 | SRCC = 0.5759 ] [SYS][ MSE = 0.1127 | LCC = 0.9840 | SRCC = 0.9617 ]
[Valid(teacher)][51][UTT][ GML = 0.185629 | AML = 0.436788 | MoV = 0.225507 | VoV = 0.002456 ] [SYS][ GML = 0.000000 | AML = 0.014514 | MoV = 0.002589 | VoV = 0.000004 ]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.541671097278595
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.99 step/s]

[Valid(teacher)][52][UTT][ MSE = 0.6217 | LCC = 0.6053 | SRCC = 0.5759 ] [SYS][ MSE = 0.1041 | LCC = 0.9839 | SRCC = 0.9569 ]
[Valid(teacher)][52][UTT][ GML = 0.188499 | AML = 0.438359 | MoV = 0.223965 | VoV = 0.002412 ] [SYS][ GML = 0.000000 | AML = 0.027104 | MoV = 0.002568 | VoV = 0.000004 ]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=-0.5520221590995789
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.94 step/s]

[Valid(teacher)][53][UTT][ MSE = 0.6227 | LCC = 0.6038 | SRCC = 0.5752 ] [SYS][ MSE = 0.1042 | LCC = 0.9836 | SRCC = 0.9597 ]
[Valid(teacher)][53][UTT][ GML = 0.188593 | AML = 0.438041 | MoV = 0.223752 | VoV = 0.002408 ] [SYS][ GML = 0.000000 | AML = 0.026231 | MoV = 0.002568 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.5704362392425537
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.04 step/s]

[Valid(teacher)][54][UTT][ MSE = 0.6227 | LCC = 0.6026 | SRCC = 0.5744 ] [SYS][ MSE = 0.1058 | LCC = 0.9835 | SRCC = 0.9610 ]
[Valid(teacher)][54][UTT][ GML = 0.185175 | AML = 0.438747 | MoV = 0.220108 | VoV = 0.002281 ] [SYS][ GML = 0.000000 | AML = 0.025527 | MoV = 0.002533 | VoV = 0.000004 ]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=-0.5769246816635132
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.34 step/s]

[Valid(teacher)][55][UTT][ MSE = 0.6156 | LCC = 0.6026 | SRCC = 0.5731 ] [SYS][ MSE = 0.1009 | LCC = 0.9830 | SRCC = 0.9631 ]
[Valid(teacher)][55][UTT][ GML = 0.187383 | AML = 0.441673 | MoV = 0.217894 | VoV = 0.002182 ] [SYS][ GML = 0.000000 | AML = 0.047393 | MoV = 0.002505 | VoV = 0.000004 ]
Train: 100% 845/845 [03:26<00:00, 4.10 step/s]
Average loss=-0.5842618346214294
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.65 step/s]

[Valid(teacher)][56][UTT][ MSE = 0.5833 | LCC = 0.6050 | SRCC = 0.5751 ] [SYS][ MSE = 0.0709 | LCC = 0.9824 | SRCC = 0.9521 ]
[Valid(teacher)][56][UTT][ GML = 0.206189 | AML = 0.448961 | MoV = 0.219015 | VoV = 0.002136 ] [SYS][ GML = 0.000001 | AML = 0.282827 | MoV = 0.002501 | VoV = 0.000004 ]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.6075497269630432
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.88 step/s]

[Valid(teacher)][57][UTT][ MSE = 0.5954 | LCC = 0.6033 | SRCC = 0.5736 ] [SYS][ MSE = 0.0782 | LCC = 0.9827 | SRCC = 0.9562 ]
[Valid(teacher)][57][UTT][ GML = 0.195252 | AML = 0.446449 | MoV = 0.214120 | VoV = 0.002094 ] [SYS][ GML = 0.000000 | AML = 0.154144 | MoV = 0.002453 | VoV = 0.000004 ]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=-0.6133508086204529
Valid(teacher): 100% 3000/3000 [00:15<00:00, 190.44 step/s]

[Valid(teacher)][58][UTT][ MSE = 0.5989 | LCC = 0.6001 | SRCC = 0.5708 ] [SYS][ MSE = 0.0788 | LCC = 0.9816 | SRCC = 0.9576 ]
[Valid(teacher)][58][UTT][ GML = 0.191368 | AML = 0.446241 | MoV = 0.212383 | VoV = 0.002126 ] [SYS][ GML = 0.000000 | AML = 0.233426 | MoV = 0.002436 | VoV = 0.000004 ]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.6205453872600664
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.29 step/s]

[Valid(teacher)][59][UTT][ MSE = 0.6144 | LCC = 0.5983 | SRCC = 0.5689 ] [SYS][ MSE = 0.0933 | LCC = 0.9827 | SRCC = 0.9569 ]
[Valid(teacher)][59][UTT][ GML = 0.182624 | AML = 0.441898 | MoV = 0.210994 | VoV = 0.002143 ] [SYS][ GML = 0.000000 | AML = 0.059782 | MoV = 0.002426 | VoV = 0.000004 ]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.636687159538269
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.20 step/s]

[Valid(teacher)][60][UTT][ MSE = 0.5914 | LCC = 0.6000 | SRCC = 0.5702 ] [SYS][ MSE = 0.0724 | LCC = 0.9823 | SRCC = 0.9521 ]
[Valid(teacher)][60][UTT][ GML = 0.193766 | AML = 0.448984 | MoV = 0.210228 | VoV = 0.002095 ] [SYS][ GML = 0.000000 | AML = 0.306913 | MoV = 0.002407 | VoV = 0.000004 ]
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 [00:20<00:00, 191.39 step/s]

[Test(best)][61][UTT][ MSE = 0.5178 | LCC = 0.6584 | SRCC = 0.6240 ] [SYS][ MSE = 0.0945 | LCC = 0.9666 | SRCC = 0.9159 ]
[Test(best)][61][UTT][ GML = 0.332497 | AML = 0.408267 | MoV = 0.455512 | VoV = 0.004272 ] [SYS][ GML = 0.000007 | AML = 0.946949 | MoV = 0.003711 | VoV = 0.000006 ]
Test(last): 100% 4000/4000 [00:20<00:00, 198.43 step/s]

[Test(last)][61][UTT][ MSE = 0.5551 | LCC = 0.6282 | SRCC = 0.5943 ] [SYS][ MSE = 0.0645 | LCC = 0.9775 | SRCC = 0.9487 ]
[Test(last)][61][UTT][ GML = 0.212570 | AML = 0.458791 | MoV = 0.210820 | VoV = 0.002132 ] [SYS][ GML = 0.000000 | AML = 0.952734 | MoV = 0.001755 | VoV = 0.000002 ]
(lxygpu) [x_xliangnode035 ProMOSNet]$ client_loop: send disconnect: Broken pipe
lxy@Hope-Liang-NBA ProMOSNet %
```