

```
xlyppn [x_xlian@node01 ProMOSNet]$ python train.py --lamb_c=1 --lamb_t=0 --runs/c1-t0/run4"
Loading all wav files.
100%|██████████████████████████████████████████████████████████████████████████████| 54040/54040 [07:51<00:00, 114.71it/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, 28.76it/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%|██████████████████████████████████████████████████████████████████████████████| 4000/4000 [02:19<00:00, 28.59it/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 [03:27<00:00, 4.07 step/s]
Average loss=0.405454340583904375
Valid(teacher): 100% 3000/3000 [00:15<00:00, 190.97 step/s]

[Valid(teacher)][0][UTT] MSE = 2.2087 | LCC = 0.5036 | SRCC = 0.4804 | [SYS] MSE = 2.0210 | LCC = 0.8411 | SRCC = 0.8509 ]
[Valid(teacher)][0][UTT] GML = 0.073476 | AML = 0.186793 | MoV = 0.596550 | VoV = 0.023060 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.007045 | VoV = 0.000044 ]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=0.40528079867362976
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.21 step/s]

[Valid(teacher)][1][UTT] MSE = 2.1124 | LCC = 0.5509 | SRCC = 0.5217 | [SYS] MSE = 1.7757 | LCC = 0.9037 | SRCC = 0.8646 ]
[Valid(teacher)][1][UTT] GML = 0.021243 | AML = 0.175871 | MoV = 0.379894 | VoV = 0.015789 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004673 | VoV = 0.000023 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=0.3507053256034851
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.58 step/s]

[Valid(teacher)][2][UTT] MSE = 1.7350 | LCC = 0.5760 | SRCC = 0.5426 | [SYS] MSE = 1.3762 | LCC = 0.9264 | SRCC = 0.8762 ]
[Valid(teacher)][2][UTT] GML = 0.042153 | AML = 0.213113 | MoV = 0.373870 | VoV = 0.012358 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004553 | VoV = 0.000020 ]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=0.3228698670864105
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.04 step/s]

[Valid(teacher)][3][UTT] MSE = 1.8113 | LCC = 0.5937 | SRCC = 0.5569 | [SYS] MSE = 1.4646 | LCC = 0.9432 | SRCC = 0.8926 ]
[Valid(teacher)][3][UTT] GML = 0.034874 | AML = 0.201985 | MoV = 0.351036 | VoV = 0.010653 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004288 | VoV = 0.000018 ]
Train: 100% 845/845 [03:23<00:00, 4.14 step/s]
Average loss=0.2962977628707806
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.37 step/s]

[Valid(teacher)][4][UTT] MSE = 1.2684 | LCC = 0.6075 | SRCC = 0.5718 | [SYS] MSE = 0.8954 | LCC = 0.9459 | SRCC = 0.8742 ]
[Valid(teacher)][4][UTT] GML = 0.109493 | AML = 0.276752 | MoV = 0.386178 | VoV = 0.007609 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004597 | VoV = 0.000017 ]
Train: 100% 845/845 [03:23<00:00, 4.14 step/s]
Average loss=0.2852526307106018
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.90 step/s]

[Valid(teacher)][5][UTT] MSE = 1.3081 | LCC = 0.6122 | SRCC = 0.5759 | [SYS] MSE = 0.9376 | LCC = 0.9500 | SRCC = 0.8885 ]
[Valid(teacher)][5][UTT] GML = 0.101333 | AML = 0.270624 | MoV = 0.380042 | VoV = 0.007746 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004536 | VoV = 0.000017 ]
Train: 100% 845/845 [03:23<00:00, 4.14 step/s]
Average loss=0.27016133069992065
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.15 step/s]

[Valid(teacher)][6][UTT] MSE = 1.5191 | LCC = 0.6164 | SRCC = 0.5779 | [SYS] MSE = 1.1623 | LCC = 0.9545 | SRCC = 0.9029 ]
[Valid(teacher)][6][UTT] GML = 0.067809 | AML = 0.239677 | MoV = 0.357388 | VoV = 0.007640 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004313 | VoV = 0.000016 ]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=0.255763143390181013
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.68 step/s]

[Valid(teacher)][7][UTT] MSE = 1.5893 | LCC = 0.6194 | SRCC = 0.5801 | [SYS] MSE = 1.2428 | LCC = 0.9570 | SRCC = 0.9022 ]
[Valid(teacher)][7][UTT] GML = 0.059691 | AML = 0.230064 | MoV = 0.347085 | VoV = 0.007090 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004207 | VoV = 0.000015 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=0.243665412068367
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.58 step/s]

[Valid(teacher)][8][UTT] MSE = 1.5689 | LCC = 0.6216 | SRCC = 0.5834 | [SYS] MSE = 1.2264 | LCC = 0.9593 | SRCC = 0.9022 ]
[Valid(teacher)][8][UTT] GML = 0.061979 | AML = 0.233838 | MoV = 0.341291 | VoV = 0.006467 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004141 | VoV = 0.000015 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=0.23216508328914642
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.67 step/s]

[Valid(teacher)][9][UTT] MSE = 1.4938 | LCC = 0.6234 | SRCC = 0.5863 | [SYS] MSE = 1.1491 | LCC = 0.9610 | SRCC = 0.9015 ]
[Valid(teacher)][9][UTT] GML = 0.078004 | AML = 0.244860 | MoV = 0.340939 | VoV = 0.006077 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004126 | VoV = 0.000014 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=0.21875408291816711
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.60 step/s]

[Valid(teacher)][10][UTT] MSE = 1.3972 | LCC = 0.6243 | SRCC = 0.5909 | [SYS] MSE = 1.0435 | LCC = 0.9619 | SRCC = 0.9084 ]
[Valid(teacher)][10][UTT] GML = 0.084010 | AML = 0.259718 | MoV = 0.342215 | VoV = 0.005624 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004126 | VoV = 0.000014 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=0.2107003778219223
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.29 step/s]

[Valid(teacher)][11][UTT] MSE = 1.2001 | LCC = 0.6256 | SRCC = 0.5965 | [SYS] MSE = 0.8234 | LCC = 0.9618 | SRCC = 0.8906 ]
[Valid(teacher)][11][UTT] GML = 0.117929 | AML = 0.290340 | MoV = 0.354014 | VoV = 0.005284 |
```

Average loss=0.11327982693910599
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.18 step/s]

[Valid(teacher)][20][UTT][MSE = 0.8043 | LCC = 0.6155 | SRCC = 0.5985 | SYS][MSE = 0.3497 | LCC = 0.9591 | SRCC = 0.8756]
[Valid(teacher)][20][UTT][GML = 0.194785 | AML = 0.368046 | MoV = 0.324536 | VoV = 0.002889 | SYS][GML = 0.000000 | AML = 0.000006 | MoV = 0.003734 | VoV = 0.000008]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=0.10717184841632843
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.13 step/s]

[Valid(teacher)][21][UTT][MSE = 0.7141 | LCC = 0.6155 | SRCC = 0.5965 | SYS][MSE = 0.2412 | LCC = 0.9586 | SRCC = 0.8639]
[Valid(teacher)][21][UTT][GML = 0.223358 | AML = 0.388683 | MoV = 0.321789 | VoV = 0.002760 | SYS][GML = 0.000000 | AML = 0.212742 | MoV = 0.003661 | VoV = 0.000007]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=0.09868162870407104
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.83 step/s]

[Valid(teacher)][22][UTT][MSE = 0.7243 | LCC = 0.6128 | SRCC = 0.5948 | SYS][MSE = 0.2435 | LCC = 0.9581 | SRCC = 0.8660]
[Valid(teacher)][22][UTT][GML = 0.216228 | AML = 0.387732 | MoV = 0.314718 | VoV = 0.002659 | SYS][GML = 0.000000 | AML = 0.138726 | MoV = 0.003575 | VoV = 0.000007]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=0.09156633168458939
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.56 step/s]

[Valid(teacher)][23][UTT][MSE = 0.7377 | LCC = 0.6110 | SRCC = 0.5935 | SYS][MSE = 0.2534 | LCC = 0.9566 | SRCC = 0.8591]
[Valid(teacher)][23][UTT][GML = 0.208622 | AML = 0.385748 | MoV = 0.309130 | VoV = 0.002525 | SYS][GML = 0.000000 | AML = 0.081659 | MoV = 0.003513 | VoV = 0.000006]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=0.0780545161485672
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.30 step/s]

[Valid(teacher)][24][UTT][MSE = 0.6809 | LCC = 0.6143 | SRCC = 0.5946 | SYS][MSE = 0.1886 | LCC = 0.9582 | SRCC = 0.8626]
[Valid(teacher)][24][UTT][GML = 0.227433 | AML = 0.399396 | MoV = 0.306054 | VoV = 0.002605 | SYS][GML = 0.000000 | AML = 0.379560 | MoV = 0.003454 | VoV = 0.000006]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=0.06658144295215607
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.93 step/s]

[Valid(teacher)][25][UTT][MSE = 0.6876 | LCC = 0.6163 | SRCC = 0.5964 | SYS][MSE = 0.1960 | LCC = 0.9602 | SRCC = 0.8790]
[Valid(teacher)][25][UTT][GML = 0.221220 | AML = 0.399040 | MoV = 0.300192 | VoV = 0.002625 | SYS][GML = 0.000000 | AML = 0.327691 | MoV = 0.003388 | VoV = 0.000006]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=0.057482652366161346
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.29 step/s]

[Valid(teacher)][26][UTT][MSE = 0.6825 | LCC = 0.6180 | SRCC = 0.5969 | SYS][MSE = 0.1914 | LCC = 0.9621 | SRCC = 0.8885]
[Valid(teacher)][26][UTT][GML = 0.220111 | AML = 0.401240 | MoV = 0.295655 | VoV = 0.002635 | SYS][GML = 0.000000 | AML = 0.320998 | MoV = 0.003332 | VoV = 0.000005]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=0.047490786761045456
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.88 step/s]

[Valid(teacher)][27][UTT][MSE = 0.6636 | LCC = 0.6198 | SRCC = 0.5977 | SYS][MSE = 0.1713 | LCC = 0.9623 | SRCC = 0.8776]
[Valid(teacher)][27][UTT][GML = 0.225838 | AML = 0.406683 | MoV = 0.292726 | VoV = 0.002680 | SYS][GML = 0.000000 | AML = 0.411545 | MoV = 0.003286 | VoV = 0.000005]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=0.04270506650209427
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.87 step/s]

[Valid(teacher)][28][UTT][MSE = 0.6176 | LCC = 0.6224 | SRCC = 0.5980 | SYS][MSE = 0.1203 | LCC = 0.9636 | SRCC = 0.8817]
[Valid(teacher)][28][UTT][GML = 0.245090 | AML = 0.418266 | MoV = 0.290374 | VoV = 0.002532 | SYS][GML = 0.000000 | AML = 0.492646 | MoV = 0.003237 | VoV = 0.000005]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=0.038626609921455383
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.77 step/s]

[Valid(teacher)][29][UTT][MSE = 0.6492 | LCC = 0.6202 | SRCC = 0.5961 | SYS][MSE = 0.1564 | LCC = 0.9645 | SRCC = 0.8817]
[Valid(teacher)][29][UTT][GML = 0.228857 | AML = 0.411816 | MoV = 0.285700 | VoV = 0.002510 | SYS][GML = 0.000000 | AML = 0.452047 | MoV = 0.003187 | VoV = 0.000005]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=0.019574033096432686
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.94 step/s]

[Valid(teacher)][30][UTT][MSE = 0.6470 | LCC = 0.6199 | SRCC = 0.5949 | SYS][MSE = 0.1554 | LCC = 0.9658 | SRCC = 0.8885]
[Valid(teacher)][30][UTT][GML = 0.228625 | AML = 0.412373 | MoV = 0.283824 | VoV = 0.002483 | SYS][GML = 0.000000 | AML = 0.448233 | MoV = 0.003170 | VoV = 0.000005]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=0.004740852862596512
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.44 step/s]

[Valid(teacher)][31][UTT][MSE = 0.5986 | LCC = 0.6246 | SRCC = 0.5982 | SYS][MSE = 0.1068 | LCC = 0.9676 | SRCC = 0.8968]
[Valid(teacher)][31][UTT][GML = 0.247441 | AML = 0.425829 | MoV = 0.279202 | VoV = 0.002481 | SYS][GML = 0.000000 | AML = 0.588681 | MoV = 0.003100 | VoV = 0.000004]
Train: 100% 845/845 [03:24<00:00, 4.12 step/s]
Average loss=0.0006757607916370034
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.65 step/s]

[Valid(teacher)][32][UTT][MSE = 0.6014 | LCC = 0.6225 | SRCC = 0.5965 | SYS][MSE = 0.1025 | LCC = 0.9666 | SRCC = 0.9036]
[Valid(teacher)][32][UTT][GML = 0.240333 | AML = 0.426586 | MoV = 0.271729 | VoV = 0.002548 | SYS][GML = 0.000000 | AML = 0.755804 | MoV = 0.003023 | VoV = 0.000004]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.004097947385162115
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.47 step/s]

[Valid(teacher)][33][UTT][MSE = 0.5788 | LCC = 0.6256 | SRCC = 0.5989 | SYS][MSE = 0.0827 | LCC = 0.9681 | SRCC = 0.8988]
[Valid(teacher)][33][UTT][GML = 0.250292 | AML = 0.432826 | MoV = 0.269246 | VoV = 0.002444 | SYS][GML = 0.000000 | AML = 0.853438 | MoV = 0.002989 | VoV = 0.000004]
Train: 100% 845/845 [03:24<00:00, 4.12 step/s]
Average loss=-0.014132845215499401
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.81 step/s]

[Valid(teacher)][34][UTT][MSE = 0.6025 | LCC = 0.6209 | SRCC = 0.5948 | SYS][MSE = 0.1015 | LCC = 0.9659 | SRCC = 0.8988]
[Valid(teacher)][34][UTT][GML = 0.235133 | AML = 0.428023 | MoV = 0.263502 | VoV = 0.002366 | SYS][GML = 0.000000 | AML = 0.888972 | MoV = 0.002930 | VoV = 0.000004]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.01615101844072342
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.36 step/s]

[Valid(teacher)][35][UTT][MSE = 0.6140 | LCC = 0.6221 | SRCC = 0.5958 | SYS][MSE = 0.1178 | LCC = 0.9670 | SRCC = 0.8988]
[Valid(teacher)][35][UTT][GML = 0.225932 | AML = 0.425932 | MoV = 0.259131 | VoV = 0.002431 | SYS][GML = 0.000000 | AML = 0.819820 | MoV = 0.002887 | VoV = 0.000004]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.02569866529489517
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.57 step/s]

[Valid(teacher)][36][UTT][MSE = 0.5953 | LCC = 0.6255 | SRCC = 0.5982 | SYS][MSE = 0.1033 | LCC = 0.9697 | SRCC = 0.9097]
[Valid(teacher)][36][UTT][GML = 0.234834 | AML = 0.430735 | MoV = 0.259196 | VoV = 0.002427 | SYS][GML = 0.000000 | AML = 1.027923 | MoV = 0.002891 | VoV = 0.000004]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.03573811054229736
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.73 step/s]

[Valid(teacher)][37][UTT][MSE = 0.5847 | LCC = 0.6245 | SRCC = 0.5969 | SYS][MSE = 0.0929 | LCC = 0.9693 | SRCC = 0.9097]
[Valid(teacher)][37][UTT][GML = 0.239128 | AML = 0.433846 | MoV = 0.257229 | VoV = 0.002377 | SYS][GML = 0.000000 | AML = 1.059047 | MoV = 0.002863 | VoV = 0.000004]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.04128847271203995
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.71 step/s]

[Valid(teacher)][38][UTT][MSE = 0.6039 | LCC = 0.6193 | SRCC = 0.5917 | SYS][MSE = 0.1057 | LCC = 0.9679 | SRCC = 0.9029]
[Valid(teacher)][38][UTT][GML = 0.224191 | AML = 0.430264 | MoV = 0.258950 | VoV = 0.002409 | SYS][GML = 0.000000 | AML = 1.017068 | MoV = 0.002799 | VoV = 0.000004]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.048003993928432465
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.30 step/s]

[Valid(teacher)][39][UTT][MSE = 0.5607 | LCC = 0.6231 | SRCC = 0.5944 | SYS][MSE = 0.0637 | LCC = 0.9682 | SRCC = 0.9036]
[Valid(teacher)][39][UTT][GML = 0.246249 | AML = 0.442919 | MoV = 0.249788 | VoV = 0.002378 | SYS][GML = 0.000002 | AML = 0.957619 | MoV = 0.002766 | VoV = 0.000003]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.05589797720313072
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.86 step/s]

[Valid(teacher)][40][UTT][MSE = 0.5569 | LCC = 0.6236 | SRCC = 0.5944 | SYS][MSE = 0.0622 | LCC = 0.9680 | SRCC = 0.9173]
[Valid(teacher)][40][UTT][GML = 0.247292 | AML = 0.443923 | MoV = 0.247653 | VoV = 0.002269 | SYS][GML = 0.000003 | AML = 0.912666 | MoV = 0.002740 | VoV = 0.000003]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.06463359296321869
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.17 step/s]

[Valid(teacher)][41][UTT][MSE = 0.5458 | LCC = 0.6262 | SRCC = 0.5970 | SYS][MSE = 0.0611 | LCC = 0.9713 | SRCC = 0.9200]
[Valid(teacher)][41][UTT][GML = 0.253979 | AML = 0.445059 | MoV = 0.248555 | VoV = 0.002230 | SYS][GML = 0.000007 | AML = 0.897527 | MoV = 0.002757 | VoV = 0.000003]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=-0.07179657369852066
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.12 step/s]

[Valid(teacher)][42][UTT][MSE = 0.5459 | LCC = 0.6271 | SRCC = 0.5984 | SYS][MSE = 0.0626 | LCC = 0.9715 | SRCC = 0.9186]
[Valid(teacher)][42][UTT][GML = 0.251026 | AML = 0.445699 | MoV = 0.244616 | VoV = 0.002216 | SYS][GML = 0.000005 | AML = 0.860857 | MoV = 0.002717 | VoV = 0.000003]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.0789681226015091
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.83 step/s]

[Valid(teacher)][43][UTT][MSE = 0.5509 | LCC = 0.6262 | SRCC = 0.5972 | SYS][MSE = 0.0673 | LCC = 0.9720 | SRCC = 0.9179]
[Valid(teacher)][43][UTT][GML = 0.245583 | AML = 0.444294 | MoV = 0.241829 | VoV = 0.002217 | SYS][GML = 0.000001 | AML = 0.918182 | MoV = 0.002693 | VoV = 0.000003]

```
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.08412162214517593
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.07 step/s]

[Valid(teacher)][44][UTT][ MSE = 0.5629 | LCC = 0.6239 | SRCC = 0.5951 | [SYS][ MSE = 0.0749 | LCC = 0.9724 | SRCC = 0.9173 ]
[Valid(teacher)][44][UTT][ GML = 0.235137 | AML = 0.441803 | MoV = 0.237838 | VoV = 0.002243 | [SYS][ GML = 0.000000 | AML = 1.026813 | MoV = 0.002657 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.0904545504791641
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.78 step/s]

[Valid(teacher)][45][UTT][ MSE = 0.5605 | LCC = 0.6253 | SRCC = 0.5969 | [SYS][ MSE = 0.0784 | LCC = 0.9724 | SRCC = 0.9179 ]
[Valid(teacher)][45][UTT][ GML = 0.236655 | AML = 0.442120 | MoV = 0.238185 | VoV = 0.002239 | [SYS][ GML = 0.000000 | AML = 0.993313 | MoV = 0.002666 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.09840849786996841
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.57 step/s]

[Valid(teacher)][46][UTT][ MSE = 0.5563 | LCC = 0.6256 | SRCC = 0.5969 | [SYS][ MSE = 0.0742 | LCC = 0.9733 | SRCC = 0.9179 ]
[Valid(teacher)][46][UTT][ GML = 0.238981 | AML = 0.443213 | MoV = 0.237063 | VoV = 0.002192 | [SYS][ GML = 0.000000 | AML = 1.003686 | MoV = 0.002650 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.10740566998720169
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.63 step/s]

[Valid(teacher)][47][UTT][ MSE = 0.5351 | LCC = 0.6250 | SRCC = 0.5960 | [SYS][ MSE = 0.0547 | LCC = 0.9724 | SRCC = 0.9193 ]
[Valid(teacher)][47][UTT][ GML = 0.250577 | AML = 0.449497 | MoV = 0.235498 | VoV = 0.002089 | [SYS][ GML = 0.000033 | AML = 1.003022 | MoV = 0.002622 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.10087234658002853
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.11 step/s]

[Valid(teacher)][48][UTT][ MSE = 0.5266 | LCC = 0.6263 | SRCC = 0.5970 | [SYS][ MSE = 0.0469 | LCC = 0.9725 | SRCC = 0.9214 ]
[Valid(teacher)][48][UTT][ GML = 0.254544 | AML = 0.452417 | MoV = 0.232961 | VoV = 0.001942 | [SYS][ GML = 0.000204 | AML = 1.240445 | MoV = 0.002587 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.11189974844455719
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.96 step/s]

[Valid(teacher)][49][UTT][ MSE = 0.5323 | LCC = 0.6280 | SRCC = 0.5983 | [SYS][ MSE = 0.0599 | LCC = 0.9744 | SRCC = 0.9289 ]
[Valid(teacher)][49][UTT][ GML = 0.251486 | AML = 0.450074 | MoV = 0.233471 | VoV = 0.001943 | [SYS][ GML = 0.000012 | AML = 1.133327 | MoV = 0.002601 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.12298208475112915
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.14 step/s]

[Valid(teacher)][50][UTT][ MSE = 0.5175 | LCC = 0.6297 | SRCC = 0.6005 | [SYS][ MSE = 0.0472 | LCC = 0.9743 | SRCC = 0.9296 ]
[Valid(teacher)][50][UTT][ GML = 0.259309 | AML = 0.455091 | MoV = 0.231700 | VoV = 0.001917 | [SYS][ GML = 0.000288 | AML = 1.519672 | MoV = 0.002582 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.12603287398815155
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.75 step/s]

[Valid(teacher)][51][UTT][ MSE = 0.5133 | LCC = 0.6289 | SRCC = 0.6006 | [SYS][ MSE = 0.0417 | LCC = 0.9733 | SRCC = 0.9275 ]
[Valid(teacher)][51][UTT][ GML = 0.261418 | AML = 0.456241 | MoV = 0.230575 | VoV = 0.001929 | [SYS][ GML = 0.000952 | AML = 1.720431 | MoV = 0.002566 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00, 4.12 step/s]
Average loss=-0.1247599646449089
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.62 step/s]

[Valid(teacher)][52][UTT][ MSE = 0.5088 | LCC = 0.6284 | SRCC = 0.6009 | [SYS][ MSE = 0.0350 | LCC = 0.9734 | SRCC = 0.9262 ]
[Valid(teacher)][52][UTT][ GML = 0.263075 | AML = 0.458210 | MoV = 0.229069 | VoV = 0.001943 | [SYS][ GML = 0.005139 | AML = 2.145282 | MoV = 0.002543 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.1331239938735962
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.20 step/s]

[Valid(teacher)][53][UTT][ MSE = 0.5075 | LCC = 0.6273 | SRCC = 0.6000 | [SYS][ MSE = 0.0315 | LCC = 0.9724 | SRCC = 0.9262 ]
[Valid(teacher)][53][UTT][ GML = 0.260526 | AML = 0.459643 | MoV = 0.224126 | VoV = 0.001807 | [SYS][ GML = 0.010857 | AML = 2.525962 | MoV = 0.002489 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.1394895762205124
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.71 step/s]

[Valid(teacher)][54][UTT][ MSE = 0.5102 | LCC = 0.6264 | SRCC = 0.5992 | [SYS][ MSE = 0.0330 | LCC = 0.9721 | SRCC = 0.9227 ]
[Valid(teacher)][54][UTT][ GML = 0.258798 | AML = 0.458768 | MoV = 0.223994 | VoV = 0.001820 | [SYS][ GML = 0.007351 | AML = 2.391581 | MoV = 0.002489 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.1435185819864273
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.53 step/s]

[Valid(teacher)][55][UTT][ MSE = 0.5022 | LCC = 0.6268 | SRCC = 0.5992 | [SYS][ MSE = 0.0295 | LCC = 0.9721 | SRCC = 0.9303 ]
[Valid(teacher)][55][UTT][ GML = 0.264460 | AML = 0.460976 | MoV = 0.223880 | VoV = 0.001771 | [SYS][ GML = 0.024897 | AML = 2.464534 | MoV = 0.002482 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.15126119554042816
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.44 step/s]

[Valid(teacher)][56][UTT][ MSE = 0.5059 | LCC = 0.6259 | SRCC = 0.5984 | [SYS][ MSE = 0.0291 | LCC = 0.9718 | SRCC = 0.9275 ]
[Valid(teacher)][56][UTT][ GML = 0.259689 | AML = 0.460893 | MoV = 0.221410 | VoV = 0.001811 | [SYS][ GML = 0.020599 | AML = 2.526067 | MoV = 0.002450 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.15814393758773804
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.36 step/s]

[Valid(teacher)][57][UTT][ MSE = 0.5080 | LCC = 0.6262 | SRCC = 0.5985 | [SYS][ MSE = 0.0326 | LCC = 0.9726 | SRCC = 0.9275 ]
[Valid(teacher)][57][UTT][ GML = 0.257437 | AML = 0.460642 | MoV = 0.228057 | VoV = 0.001777 | [SYS][ GML = 0.008636 | AML = 2.427320 | MoV = 0.002449 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.15838918089866638
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.59 step/s]

[Valid(teacher)][58][UTT][ MSE = 0.5058 | LCC = 0.6243 | SRCC = 0.5969 | [SYS][ MSE = 0.0286 | LCC = 0.9729 | SRCC = 0.9337 ]
[Valid(teacher)][58][UTT][ GML = 0.258054 | AML = 0.461317 | MoV = 0.219303 | VoV = 0.001731 | [SYS][ GML = 0.028246 | AML = 2.628901 | MoV = 0.002435 | VoV = 0.000003 ]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.16685572266578674
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.75 step/s]

[Valid(teacher)][59][UTT][ MSE = 0.5107 | LCC = 0.6230 | SRCC = 0.5958 | [SYS][ MSE = 0.0330 | LCC = 0.9724 | SRCC = 0.9350 ]
[Valid(teacher)][59][UTT][ GML = 0.251965 | AML = 0.459953 | MoV = 0.216653 | VoV = 0.001737 | [SYS][ GML = 0.009386 | AML = 2.660414 | MoV = 0.002416 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.16683891415596008
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.29 step/s]

[Valid(teacher)][60][UTT][ MSE = 0.5035 | LCC = 0.6226 | SRCC = 0.5958 | [SYS][ MSE = 0.0279 | LCC = 0.9711 | SRCC = 0.9350 ]
[Valid(teacher)][60][UTT][ GML = 0.256682 | AML = 0.462933 | MoV = 0.216261 | VoV = 0.001681 | [SYS][ GML = 0.042839 | AML = 2.473222 | MoV = 0.002400 | VoV = 0.000003 ]
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, 193.18 step/s]

[Test(best)][61][UTT][ MSE = 0.5001 | LCC = 0.6489 | SRCC = 0.6151 | [SYS][ MSE = 0.0483 | LCC = 0.9724 | SRCC = 0.9603 ]
[Test(best)][61][UTT][ GML = 0.269711 | AML = 0.472279 | MoV = 0.232095 | VoV = 0.001924 | [SYS][ GML = 0.000050 | AML = 2.026726 | MoV = 0.001889 | VoV = 0.000001 ]
Test(last): 100% 4000/4000 [00:19<00:00, 200.09 step/s]

[Test(last)][61][UTT][ MSE = 0.4920 | LCC = 0.6395 | SRCC = 0.6082 | [SYS][ MSE = 0.0309 | LCC = 0.9687 | SRCC = 0.9644 ]
[Test(last)][61][UTT][ GML = 0.264320 | AML = 0.476777 | MoV = 0.216604 | VoV = 0.001710 | [SYS][ GML = 0.014472 | AML = 2.387691 | MoV = 0.001755 | VoV = 0.000001 ]
(lxygpu) [x_xlian@node001 ProMOSNet]$ client_loop: send disconnect: Broken pipe
lxy@Hope-Liang-NBA ProMOSNet %
```