```
(lxygpu) [x_xlian@node026 ProMOSNet]$ python train-no-teacher.py --save_path "runs/c1-t5e-1-no-teacher/run2"
Loading all wav files.
100%|████████████████████████████████████████████████████████████████████████████████████████████████████████████████████| 54040/54040 [08:03<00:00, 111.88it/s]
/proj/ihorse_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 [01:46<00:00, 28.21it/s]
/proj/ihorse_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%|████████████████████████████████████████████████████████████████████████████████████████████████████████████████████| 4000/4000 [02:22<00:00, 28.08it/s]
/proj/ihorse_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 [02:38<00:00,  5.32 step/s]
Average loss=23654.875
Valid(student): 100% 3000/3000 [00:15<00:00, 190.53 step/s]

[Valid(student)][0][UTT][ MSE = 2.4567 | LCC = 0.4845 | SRCC = 0.4604 ] [SYS][ MSE = 2.1689 | LCC = 0.8408 | SRCC = 0.8639 ]
[Valid(student)][0][UTT][ GML = 0.001148 | AML = 0.153846 | MoV = 0.356778 | VoV = 0.020414 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004303 | VoV = 0.000019 ]
Train: 100% 845/845 [02:35<00:00,  5.43 step/s]
Average loss=0.24986375868320465
Valid(student): 100% 3000/3000 [00:15<00:00, 198.49 step/s]
/home/x_xlian/.conda/envs/lxygpu/lib/python3.8/site-packages/scipy/stats/_distn_infrastructure.py:2085: RuntimeWarning: divide by zero encountered in divide
  x = np.asarray((x - loc)/scale, dtype=dtype)

[Valid(student)][1][UTT][ MSE = 3.0597 | LCC = 0.5470 | SRCC = 0.5162 ] [SYS][ MSE = 2.7543 | LCC = 0.9034 | SRCC = 0.8865 ]
[Valid(student)][1][UTT][ GML = nan | AML = nan | MoV = 0.264876 | VoV = 0.018223 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003381 | VoV = 0.000016 ]
Train: 100% 845/845 [02:36<00:00,  5.38 step/s]
Average loss=0.20571261644363403
Valid(student): 100% 3000/3000 [00:14<00:00, 200.72 step/s]

[Valid(student)][2][UTT][ MSE = 2.2174 | LCC = 0.5844 | SRCC = 0.5406 ] [SYS][ MSE = 1.8091 | LCC = 0.9403 | SRCC = 0.8981 ]
[Valid(student)][2][UTT][ GML = 0.000000 | AML = 0.155964 | MoV = 0.306030 | VoV = 0.015065 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003789 | VoV = 0.000015 ]
Train: 100% 845/845 [02:35<00:00,  5.43 step/s]
Average loss=0.1801375150680542
Valid(student): 100% 3000/3000 [00:15<00:00, 198.40 step/s]

[Valid(student)][3][UTT][ MSE = 1.4832 | LCC = 0.5876 | SRCC = 0.5477 ] [SYS][ MSE = 1.0323 | LCC = 0.9422 | SRCC = 0.8981 ]
[Valid(student)][3][UTT][ GML = 0.035472 | AML = 0.242165 | MoV = 0.372583 | VoV = 0.013018 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004429 | VoV = 0.000015 ]
Train: 100% 845/845 [02:37<00:00,  5.35 step/s]
Average loss=0.16392400860786438
Valid(student): 100% 3000/3000 [00:15<00:00, 199.16 step/s]

[Valid(student)][4][UTT][ MSE = 1.8638 | LCC = 0.5990 | SRCC = 0.5573 ] [SYS][ MSE = 1.4355 | LCC = 0.9551 | SRCC = 0.9186 ]
[Valid(student)][4][UTT][ GML = 0.008570 | AML = 0.194090 | MoV = 0.332546 | VoV = 0.013098 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003993 | VoV = 0.000014 ]
Train: 100% 845/845 [02:38<00:00,  5.33 step/s]
Average loss=0.15070737898349762
Valid(student): 100% 3000/3000 [00:15<00:00, 197.54 step/s]

[Valid(student)][5][UTT][ MSE = 2.2501 | LCC = 0.6032 | SRCC = 0.5599 ] [SYS][ MSE = 1.8805 | LCC = 0.9568 | SRCC = 0.9132 ]
[Valid(student)][5][UTT][ GML = 0.003138 | AML = 0.150687 | MoV = 0.310778 | VoV = 0.011464 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003735 | VoV = 0.000013 ]
Train: 100% 845/845 [02:37<00:00,  5.36 step/s]
Average loss=0.1321965754032135
Valid(student): 100% 3000/3000 [00:15<00:00, 196.68 step/s]

[Valid(student)][6][UTT][ MSE = 2.3128 | LCC = 0.5947 | SRCC = 0.5551 ] [SYS][ MSE = 1.9244 | LCC = 0.9576 | SRCC = 0.9323 ]
[Valid(student)][6][UTT][ GML = 0.004370 | AML = 0.147371 | MoV = 0.312753 | VoV = 0.011528 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003789 | VoV = 0.000013 ]
Train: 100% 845/845 [02:36<00:00,  5.39 step/s]
Average loss=0.12277840077877045
Valid(student): 100% 3000/3000 [00:14<00:00, 200.01 step/s]

[Valid(student)][7][UTT][ MSE = 2.6324 | LCC = 0.6040 | SRCC = 0.5666 ] [SYS][ MSE = 2.2459 | LCC = 0.9564 | SRCC = 0.8954 ]
[Valid(student)][7][UTT][ GML = 0.000774 | AML = 0.109777 | MoV = 0.253823 | VoV = 0.008166 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003129 | VoV = 0.000009 ]
Train: 100% 845/845 [02:36<00:00,  5.40 step/s]
Average loss=0.10907866060733795
Valid(student): 100% 3000/3000 [00:15<00:00, 196.66 step/s]

[Valid(student)][8][UTT][ MSE = 2.3745 | LCC = 0.5970 | SRCC = 0.5575 ] [SYS][ MSE = 1.9611 | LCC = 0.9588 | SRCC = 0.8974 ]
[Valid(student)][8][UTT][ GML = 0.005706 | AML = 0.138096 | MoV = 0.290362 | VoV = 0.008783 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003578 | VoV = 0.000012 ]
Train: 100% 845/845 [02:37<00:00,  5.35 step/s]
Average loss=0.09890265017747879
Valid(student): 100% 3000/3000 [00:15<00:00, 197.81 step/s]

[Valid(student)][9][UTT][ MSE = 1.9102 | LCC = 0.5964 | SRCC = 0.5592 ] [SYS][ MSE = 1.5171 | LCC = 0.9556 | SRCC = 0.8783 ]
[Valid(student)][9][UTT][ GML = 0.037954 | AML = 0.196093 | MoV = 0.359131 | VoV = 0.008237 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004349 | VoV = 0.000015 ]
Train: 100% 845/845 [02:37<00:00,  5.37 step/s]
Average loss=0.08835568279027939
Valid(student): 100% 3000/3000 [00:15<00:00, 199.41 step/s]

[Valid(student)][10][UTT][ MSE = 1.7776 | LCC = 0.5968 | SRCC = 0.5582 ] [SYS][ MSE = 1.3066 | LCC = 0.9644 | SRCC = 0.9200 ]
[Valid(student)][10][UTT][ GML = 0.023170 | AML = 0.205076 | MoV = 0.318573 | VoV = 0.007353 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003766 | VoV = 0.000010 ]
Train: 100% 845/845 [02:37<00:00,  5.37 step/s]
Average loss=0.0775466114282608
Valid(student): 100% 3000/3000 [00:15<00:00, 197.28 step/s]

[Valid(student)][11][UTT][ MSE = 1.2815 | LCC = 0.6232 | SRCC = 0.5839 ] [SYS][ MSE = 0.8281 | LCC = 0.9626 | SRCC = 0.9145 ]
[Valid(student)][11][UTT][ GML = 0.096769 | AML = 0.274605 | MoV = 0.374732 | VoV = 0.006983 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004340 | VoV = 0.000011 ]
Train: 100% 845/845 [02:37<00:00,  5.38 step/s]
Average loss=0.06549239903688431
Valid(student): 100% 3000/3000 [00:15<00:00, 197.30 step/s]

[Valid(student)][12][UTT][ MSE = 2.2033 | LCC = 0.6148 | SRCC = 0.5804 ] [SYS][ MSE = 1.8017 | LCC = 0.9770 | SRCC = 0.9569 ]
[Valid(student)][12][UTT][ GML = 0.008628 | AML = 0.152759 | MoV = 0.291667 | VoV = 0.007279 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003514 | VoV = 0.000010 ]
Train: 100% 845/845 [02:37<00:00,  5.37 step/s]
Average loss=0.05709201842546463
Valid(student): 100% 3000/3000 [00:15<00:00, 190.78 step/s]

[Valid(student)][13][UTT][ MSE = 1.3438 | LCC = 0.6219 | SRCC = 0.5857 ] [SYS][ MSE = 0.8955 | LCC = 0.9651 | SRCC = 0.9118 ]
[Valid(student)][13][UTT][ GML = 0.075448 | AML = 0.265301 | MoV = 0.339030 | VoV = 0.007100 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004028 | VoV = 0.000011 ]
Train: 100% 845/845 [02:37<00:00,  5.37 step/s]
Average loss=0.04545734450221062
Valid(student): 100% 3000/3000 [00:14<00:00, 201.03 step/s]

[Valid(student)][14][UTT][ MSE = 2.2737 | LCC = 0.6187 | SRCC = 0.5955 ] [SYS][ MSE = 1.8842 | LCC = 0.9811 | SRCC = 0.9419 ]
[Valid(student)][14][UTT][ GML = 0.008180 | AML = 0.146182 | MoV = 0.275697 | VoV = 0.007048 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003372 | VoV = 0.000010 ]
Train: 100% 845/845 [02:37<00:00,  5.37 step/s]
Average loss=0.03800560161471367
Valid(student): 100% 3000/3000 [00:15<00:00, 195.65 step/s]

[Valid(student)][15][UTT][ MSE = 2.1140 | LCC = 0.6220 | SRCC = 0.5913 ] [SYS][ MSE = 1.7436 | LCC = 0.9782 | SRCC = 0.9344 ]
[Valid(student)][15][UTT][ GML = 0.014466 | AML = 0.161454 | MoV = 0.289266 | VoV = 0.005474 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003459 | VoV = 0.000009 ]
Train: 100% 845/845 [02:38<00:00,  5.34 step/s]
Average loss=0.028951246291399002
Valid(student): 100% 3000/3000 [00:15<00:00, 194.59 step/s]

[Valid(student)][16][UTT][ MSE = 1.5378 | LCC = 0.6110 | SRCC = 0.5689 ] [SYS][ MSE = 1.0834 | LCC = 0.9709 | SRCC = 0.9303 ]
[Valid(student)][16][UTT][ GML = 0.055860 | AML = 0.239914 | MoV = 0.339652 | VoV = 0.005305 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003922 | VoV = 0.000009 ]
Train: 100% 845/845 [02:37<00:00,  5.37 step/s]
Average loss=0.01800086721777916
Valid(student): 100% 3000/3000 [00:15<00:00, 196.81 step/s]

[Valid(student)][17][UTT][ MSE = 2.8384 | LCC = 0.6094 | SRCC = 0.5786 ] [SYS][ MSE = 2.4664 | LCC = 0.9753 | SRCC = 0.9556 ]
[Valid(student)][17][UTT][ GML = 0.000846 | AML = 0.090905 | MoV = 0.231467 | VoV = 0.005115 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002815 | VoV = 0.000007 ]
Train: 100% 845/845 [02:37<00:00,  5.36 step/s]
Average loss=0.006584783084690571
Valid(student): 100% 3000/3000 [00:15<00:00, 197.01 step/s]

[Valid(student)][18][UTT][ MSE = 3.1153 | LCC = 0.6016 | SRCC = 0.5726 ] [SYS][ MSE = 2.8017 | LCC = 0.9755 | SRCC = 0.9344 ]
[Valid(student)][18][UTT][ GML = 0.000489 | AML = 0.078275 | MoV = 0.230584 | VoV = 0.006235 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002914 | VoV = 0.000010 ]
Train: 100% 845/845 [02:37<00:00,  5.36 step/s]
Average loss=-0.002904291497543454
Valid(student): 100% 3000/3000 [00:14<00:00, 200.22 step/s]

[Valid(student)][19][UTT][ MSE = 2.9342 | LCC = 0.5936 | SRCC = 0.5616 ] [SYS][ MSE = 2.5611 | LCC = 0.9774 | SRCC = 0.9583 ]
```

```
[Valid(student)][19][UTT][ GML = 0.000451 | AML = 0.086743 | MoV = 0.216169 | VoV = 0.004155 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002627 | VoV = 0.000006 ]
Train: 100% 845/845 [02:38<00:00, 5.33 step/s]
Average loss=-0.008449691347777843
Valid(student): 100% 3000/3000 [00:15<00:00, 196.05 step/s]

[Valid(student)][20][UTT][ MSE = 1.4767 | LCC = 0.6102 | SRCC = 0.5875 ] [SYS][ MSE = 1.0279 | LCC = 0.9766 | SRCC = 0.9412 ]
[Valid(student)][20][UTT][ GML = 0.033665 | AML = 0.249242 | MoV = 0.261574 | VoV = 0.005844 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003146 | VoV = 0.000008 ]
Train: 100% 845/845 [02:37<00:00, 5.37 step/s]
Average loss=-0.02042148262262344
Valid(student): 100% 3000/3000 [00:15<00:00, 197.04 step/s]

[Valid(student)][21][UTT][ MSE = 1.3425 | LCC = 0.6063 | SRCC = 0.5837 ] [SYS][ MSE = 0.8487 | LCC = 0.9764 | SRCC = 0.9323 ]
[Valid(student)][21][UTT][ GML = 0.039505 | AML = 0.273009 | MoV = 0.252542 | VoV = 0.005178 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003025 | VoV = 0.000007 ]
Train: 100% 845/845 [02:37<00:00, 5.35 step/s]
Average loss=-0.0290860503639698
Valid(student): 100% 3000/3000 [00:15<00:00, 196.23 step/s]

[Valid(student)][22][UTT][ MSE = 1.4151 | LCC = 0.6229 | SRCC = 0.5928 ] [SYS][ MSE = 0.9561 | LCC = 0.9794 | SRCC = 0.9515 ]
[Valid(student)][22][UTT][ GML = 0.059984 | AML = 0.256339 | MoV = 0.315467 | VoV = 0.006003 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003714 | VoV = 0.000010 ]
Train: 100% 845/845 [02:37<00:00, 5.38 step/s]
Average loss=-0.04026508331298828
Valid(student): 100% 3000/3000 [00:15<00:00, 195.30 step/s]

[Valid(student)][23][UTT][ MSE = 1.0341 | LCC = 0.6184 | SRCC = 0.5855 ] [SYS][ MSE = 0.5263 | LCC = 0.9725 | SRCC = 0.9323 ]
[Valid(student)][23][UTT][ GML = 0.094352 | AML = 0.327446 | MoV = 0.285501 | VoV = 0.004803 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003271 | VoV = 0.000006 ]
Train: 100% 845/845 [02:38<00:00, 5.35 step/s]
Average loss=-0.04197340831605453
Valid(student): 100% 3000/3000 [00:15<00:00, 193.75 step/s]

[Valid(student)][24][UTT][ MSE = 2.0943 | LCC = 0.5979 | SRCC = 0.5781 ] [SYS][ MSE = 1.6484 | LCC = 0.9748 | SRCC = 0.9391 ]
[Valid(student)][24][UTT][ GML = 0.010328 | AML = 0.167424 | MoV = 0.267482 | VoV = 0.005985 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003246 | VoV = 0.000009 ]
Train: 100% 845/845 [02:37<00:00, 5.36 step/s]
Average loss=-0.05524623394012451
Valid(student): 100% 3000/3000 [00:15<00:00, 196.35 step/s]

[Valid(student)][25][UTT][ MSE = 1.4239 | LCC = 0.6185 | SRCC = 0.5957 ] [SYS][ MSE = 0.9872 | LCC = 0.9756 | SRCC = 0.9419 ]
[Valid(student)][25][UTT][ GML = 0.036315 | AML = 0.255177 | MoV = 0.254990 | VoV = 0.004552 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003021 | VoV = 0.000007 ]
Train: 100% 845/845 [02:38<00:00, 5.35 step/s]
Average loss=-0.05930645391345024
Valid(student): 100% 3000/3000 [00:15<00:00, 193.72 step/s]

[Valid(student)][26][UTT][ MSE = 1.4718 | LCC = 0.6010 | SRCC = 0.5771 ] [SYS][ MSE = 1.0308 | LCC = 0.9786 | SRCC = 0.9446 ]
[Valid(student)][26][UTT][ GML = 0.030546 | AML = 0.251852 | MoV = 0.262250 | VoV = 0.006775 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003149 | VoV = 0.000008 ]
Train: 100% 845/845 [02:37<00:00, 5.38 step/s]
Average loss=-0.06883271038532257
Valid(student): 100% 3000/3000 [00:15<00:00, 198.78 step/s]

[Valid(student)][27][UTT][ MSE = 1.5818 | LCC = 0.6134 | SRCC = 0.5889 ] [SYS][ MSE = 1.0908 | LCC = 0.9774 | SRCC = 0.9391 ]
[Valid(student)][27][UTT][ GML = 0.015664 | AML = 0.230030 | MoV = 0.240429 | VoV = 0.005639 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002876 | VoV = 0.000006 ]
Train: 100% 845/845 [02:38<00:00, 5.35 step/s]
Average loss=-0.08249504864215851
Valid(student): 100% 3000/3000 [00:15<00:00, 196.32 step/s]

[Valid(student)][28][UTT][ MSE = 0.6258 | LCC = 0.6411 | SRCC = 0.6114 ] [SYS][ MSE = 0.1483 | LCC = 0.9831 | SRCC = 0.9460 ]
[Valid(student)][28][UTT][ GML = 0.243314 | AML = 0.413400 | MoV = 0.299961 | VoV = 0.002844 ] [SYS][ GML = 0.000000 | AML = 0.048055 | MoV = 0.003386 | VoV = 0.000006 ]
Train: 100% 845/845 [02:37<00:00, 5.36 step/s]
Average loss=-0.08777859807014465
Valid(student): 100% 3000/3000 [00:15<00:00, 199.38 step/s]

[Valid(student)][29][UTT][ MSE = 0.8616 | LCC = 0.6256 | SRCC = 0.5965 ] [SYS][ MSE = 0.3726 | LCC = 0.9802 | SRCC = 0.9344 ]
[Valid(student)][29][UTT][ GML = 0.124996 | AML = 0.361454 | MoV = 0.289254 | VoV = 0.006418 ] [SYS][ GML = 0.000000 | AML = 0.000005 | MoV = 0.003359 | VoV = 0.000007 ]
Train: 100% 845/845 [02:37<00:00, 5.35 step/s]
Average loss=-0.09669021517038345
Valid(student): 100% 3000/3000 [00:15<00:00, 194.09 step/s]

[Valid(student)][30][UTT][ MSE = 0.9669 | LCC = 0.6176 | SRCC = 0.5937 ] [SYS][ MSE = 0.4799 | LCC = 0.9792 | SRCC = 0.9426 ]
[Valid(student)][30][UTT][ GML = 0.104053 | AML = 0.337884 | MoV = 0.273745 | VoV = 0.005005 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003203 | VoV = 0.000007 ]
Train: 100% 845/845 [02:38<00:00, 5.34 step/s]
Average loss=-0.10277063399553299
Valid(student): 100% 3000/3000 [00:15<00:00, 193.72 step/s]

[Valid(student)][31][UTT][ MSE = 0.6143 | LCC = 0.6357 | SRCC = 0.6039 ] [SYS][ MSE = 0.1362 | LCC = 0.9791 | SRCC = 0.9467 ]
[Valid(student)][31][UTT][ GML = 0.222165 | AML = 0.420601 | MoV = 0.274599 | VoV = 0.003590 ] [SYS][ GML = 0.000000 | AML = 0.052259 | MoV = 0.003162 | VoV = 0.000006 ]
Train: 100% 845/845 [02:36<00:00, 5.40 step/s]
Average loss=-0.11344784498214722
Valid(student): 100% 3000/3000 [00:15<00:00, 196.57 step/s]

[Valid(student)][32][UTT][ MSE = 1.1877 | LCC = 0.6092 | SRCC = 0.5795 ] [SYS][ MSE = 0.6888 | LCC = 0.9712 | SRCC = 0.9207 ]
[Valid(student)][32][UTT][ GML = 0.055942 | AML = 0.296093 | MoV = 0.262584 | VoV = 0.005025 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003081 | VoV = 0.000006 ]
Train: 100% 845/845 [02:38<00:00, 5.34 step/s]
Average loss=-0.12217717617750168
Valid(student): 100% 3000/3000 [00:15<00:00, 199.81 step/s]

[Valid(student)][33][UTT][ MSE = 0.8029 | LCC = 0.6274 | SRCC = 0.6008 ] [SYS][ MSE = 0.3424 | LCC = 0.9810 | SRCC = 0.9412 ]
[Valid(student)][33][UTT][ GML = 0.161946 | AML = 0.374893 | MoV = 0.279298 | VoV = 0.003084 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003231 | VoV = 0.000006 ]
Train: 100% 845/845 [02:37<00:00, 5.36 step/s]
Average loss=-0.12447616457939148
Valid(student): 100% 3000/3000 [00:15<00:00, 195.78 step/s]

[Valid(student)][34][UTT][ MSE = 1.6138 | LCC = 0.6039 | SRCC = 0.5796 ] [SYS][ MSE = 1.1480 | LCC = 0.9739 | SRCC = 0.9460 ]
[Valid(student)][34][UTT][ GML = 0.020893 | AML = 0.228432 | MoV = 0.251378 | VoV = 0.005153 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003007 | VoV = 0.000007 ]
Train: 100% 845/845 [02:36<00:00, 5.38 step/s]
Average loss=-0.13170991837978363
Valid(student): 100% 3000/3000 [00:15<00:00, 197.19 step/s]

[Valid(student)][35][UTT][ MSE = 1.0743 | LCC = 0.6151 | SRCC = 0.5883 ] [SYS][ MSE = 0.5879 | LCC = 0.9768 | SRCC = 0.9371 ]
[Valid(student)][35][UTT][ GML = 0.067663 | AML = 0.320892 | MoV = 0.251194 | VoV = 0.004651 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002960 | VoV = 0.000006 ]
Train: 100% 845/845 [02:36<00:00, 5.40 step/s]
Average loss=-0.13363872468471527
Valid(student): 100% 3000/3000 [00:15<00:00, 198.31 step/s]

[Valid(student)][36][UTT][ MSE = 1.1088 | LCC = 0.6114 | SRCC = 0.5856 ] [SYS][ MSE = 0.6088 | LCC = 0.9794 | SRCC = 0.9501 ]
[Valid(student)][36][UTT][ GML = 0.056123 | AML = 0.317956 | MoV = 0.232630 | VoV = 0.003572 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002751 | VoV = 0.000005 ]
Train: 100% 845/845 [02:37<00:00, 5.37 step/s]
Average loss=-0.1428309828042984
Valid(student): 100% 3000/3000 [00:15<00:00, 196.03 step/s]

[Valid(student)][37][UTT][ MSE = 0.9117 | LCC = 0.6183 | SRCC = 0.5885 ] [SYS][ MSE = 0.4168 | LCC = 0.9840 | SRCC = 0.9549 ]
[Valid(student)][37][UTT][ GML = 0.097841 | AML = 0.357399 | MoV = 0.240169 | VoV = 0.003435 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002781 | VoV = 0.000005 ]
Train: 100% 845/845 [02:38<00:00, 5.34 step/s]
Average loss=-0.1494203805923462
Valid(student): 100% 3000/3000 [00:15<00:00, 194.53 step/s]

[Valid(student)][38][UTT][ MSE = 0.7250 | LCC = 0.6229 | SRCC = 0.5906 ] [SYS][ MSE = 0.2081 | LCC = 0.9752 | SRCC = 0.9412 ]
[Valid(student)][38][UTT][ GML = 0.158909 | AML = 0.397293 | MoV = 0.261624 | VoV = 0.003989 ] [SYS][ GML = 0.000000 | AML = 0.003716 | MoV = 0.003017 | VoV = 0.000005 ]
Train: 100% 845/845 [02:36<00:00, 5.38 step/s]
Average loss=-0.15974028408527374
Valid(student): 100% 3000/3000 [00:15<00:00, 199.45 step/s]

[Valid(student)][39][UTT][ MSE = 0.6172 | LCC = 0.6352 | SRCC = 0.6056 ] [SYS][ MSE = 0.1260 | LCC = 0.9772 | SRCC = 0.9398 ]
[Valid(student)][39][UTT][ GML = 0.209603 | AML = 0.424556 | MoV = 0.258119 | VoV = 0.003073 ] [SYS][ GML = 0.000000 | AML = 0.214852 | MoV = 0.002960 | VoV = 0.000005 ]
Train: 100% 845/845 [02:37<00:00, 5.37 step/s]
Average loss=-0.17041072249412537
Valid(student): 100% 3000/3000 [00:15<00:00, 196.10 step/s]

[Valid(student)][40][UTT][ MSE = 0.9353 | LCC = 0.6168 | SRCC = 0.5902 ] [SYS][ MSE = 0.4236 | LCC = 0.9762 | SRCC = 0.9316 ]
[Valid(student)][40][UTT][ GML = 0.069573 | AML = 0.358715 | MoV = 0.217170 | VoV = 0.003779 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002538 | VoV = 0.000004 ]
Train: 100% 845/845 [02:37<00:00, 5.37 step/s]
Average loss=-0.16767558455467224
Valid(student): 100% 3000/3000 [00:15<00:00, 199.04 step/s]

[Valid(student)][41][UTT][ MSE = 0.6812 | LCC = 0.6331 | SRCC = 0.6016 ] [SYS][ MSE = 0.1928 | LCC = 0.9826 | SRCC = 0.9487 ]
[Valid(student)][41][UTT][ GML = 0.166555 | AML = 0.413907 | MoV = 0.234755 | VoV = 0.002927 ] [SYS][ GML = 0.000000 | AML = 0.000327 | MoV = 0.002686 | VoV = 0.000004 ]
Train: 100% 845/845 [02:38<00:00, 5.34 step/s]
Average loss=-0.17825092375278473
Valid(student): 100% 3000/3000 [00:15<00:00, 197.94 step/s]

[Valid(student)][42][UTT][ MSE = 0.6084 | LCC = 0.6329 | SRCC = 0.6019 ] [SYS][ MSE = 0.0748 | LCC = 0.9811 | SRCC = 0.9474 ]
[Valid(student)][42][UTT][ GML = 0.201128 | AML = 0.433189 | MoV = 0.239033 | VoV = 0.002831 ] [SYS][ GML = 0.000000 | AML = 0.458061 | MoV = 0.002710 | VoV = 0.000004 ]
Train: 100% 845/845 [02:37<00:00, 5.35 step/s]
Average loss=-0.1871839016675949
Valid(student): 100% 3000/3000 [00:14<00:00, 200.74 step/s]
```

```
[Valid(student)][43][UTT][ MSE = 0.6357 | LCC = 0.6323 | SRCC = 0.6018 ] [SYS][ MSE = 0.1197 | LCC = 0.9779 | SRCC = 0.9515 ]
[Valid(student)][43][UTT][ GML = 0.186043 | AML = 0.426331 | MoV = 0.246767 | VoV = 0.003496 ] [SYS][ GML = 0.000000 | AML = 0.328614 | MoV = 0.002807 | VoV = 0.000004 ]
Train: 100% 845/845 [02:37<00:00,  5.36 step/s]
Average loss=-0.19281898438930511
Valid(student): 100% 3000/3000 [00:15<00:00, 195.98 step/s]

[Valid(student)][44][UTT][ MSE = 0.8334 | LCC = 0.6300 | SRCC = 0.6001 ] [SYS][ MSE = 0.3541 | LCC = 0.9792 | SRCC = 0.9405 ]
[Valid(student)][44][UTT][ GML = 0.109999 | AML = 0.375853 | MoV = 0.242341 | VoV = 0.004289 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002797 | VoV = 0.000005 ]
Train: 100% 845/845 [02:37<00:00,  5.36 step/s]
Average loss=-0.1913448870182374
Valid(student): 100% 3000/3000 [00:15<00:00, 197.04 step/s]

[Valid(student)][45][UTT][ MSE = 0.7355 | LCC = 0.6306 | SRCC = 0.5995 ] [SYS][ MSE = 0.2778 | LCC = 0.9824 | SRCC = 0.9597 ]
[Valid(student)][45][UTT][ GML = 0.166643 | AML = 0.393824 | MoV = 0.263201 | VoV = 0.003625 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003058 | VoV = 0.000006 ]
Train: 100% 845/845 [02:38<00:00,  5.34 step/s]
Average loss=-0.1980126511180878
Valid(student): 100% 3000/3000 [00:15<00:00, 198.95 step/s]

[Valid(student)][46][UTT][ MSE = 0.8284 | LCC = 0.6302 | SRCC = 0.5987 ] [SYS][ MSE = 0.3299 | LCC = 0.9816 | SRCC = 0.9391 ]
[Valid(student)][46][UTT][ GML = 0.104256 | AML = 0.378920 | MoV = 0.239342 | VoV = 0.004451 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002799 | VoV = 0.000005 ]
Train: 100% 845/845 [02:36<00:00,  5.40 step/s]
Average loss=-0.20404067635536194
Valid(student): 100% 3000/3000 [00:15<00:00, 198.84 step/s]

[Valid(student)][47][UTT][ MSE = 0.7580 | LCC = 0.6277 | SRCC = 0.5961 ] [SYS][ MSE = 0.2584 | LCC = 0.9797 | SRCC = 0.9371 ]
[Valid(student)][47][UTT][ GML = 0.112322 | AML = 0.400824 | MoV = 0.220153 | VoV = 0.003563 ] [SYS][ GML = 0.000000 | AML = 0.000021 | MoV = 0.002564 | VoV = 0.000004 ]
Train: 100% 845/845 [02:34<00:00,  5.46 step/s]
Average loss=-0.2120029628276825
Valid(student): 100% 3000/3000 [00:14<00:00, 200.91 step/s]

[Valid(student)][48][UTT][ MSE = 0.6600 | LCC = 0.6278 | SRCC = 0.5966 ] [SYS][ MSE = 0.1152 | LCC = 0.9781 | SRCC = 0.9282 ]
[Valid(student)][48][UTT][ GML = 0.140907 | AML = 0.430688 | MoV = 0.214975 | VoV = 0.003360 ] [SYS][ GML = 0.000000 | AML = 0.404867 | MoV = 0.002450 | VoV = 0.000003 ]
Train: 100% 845/845 [02:37<00:00,  5.35 step/s]
Average loss=-0.21105064451694489
Valid(student): 100% 3000/3000 [00:14<00:00, 200.18 step/s]

[Valid(student)][49][UTT][ MSE = 0.6496 | LCC = 0.6244 | SRCC = 0.5914 ] [SYS][ MSE = 0.1536 | LCC = 0.9831 | SRCC = 0.9494 ]
[Valid(student)][49][UTT][ GML = 0.181355 | AML = 0.416203 | MoV = 0.242993 | VoV = 0.003031 ] [SYS][ GML = 0.000000 | AML = 0.002546 | MoV = 0.002781 | VoV = 0.000004 ]
Train: 100% 845/845 [02:34<00:00,  5.48 step/s]
Average loss=-0.22046630084514618
Valid(student): 100% 3000/3000 [00:14<00:00, 200.15 step/s]

[Valid(student)][50][UTT][ MSE = 0.6234 | LCC = 0.6281 | SRCC = 0.5992 ] [SYS][ MSE = 0.1261 | LCC = 0.9751 | SRCC = 0.9234 ]
[Valid(student)][50][UTT][ GML = 0.166883 | AML = 0.436350 | MoV = 0.208884 | VoV = 0.002516 ] [SYS][ GML = 0.000000 | AML = 0.372495 | MoV = 0.002465 | VoV = 0.000004 ]
Train: 100% 845/845 [02:34<00:00,  5.47 step/s]
Average loss=-0.23307187855243683
Valid(student): 100% 3000/3000 [00:15<00:00, 197.82 step/s]

[Valid(student)][51][UTT][ MSE = 0.5953 | LCC = 0.6358 | SRCC = 0.6085 ] [SYS][ MSE = 0.1022 | LCC = 0.9802 | SRCC = 0.9631 ]
[Valid(student)][51][UTT][ GML = 0.201201 | AML = 0.439419 | MoV = 0.229588 | VoV = 0.002775 ] [SYS][ GML = 0.000000 | AML = 0.322145 | MoV = 0.002649 | VoV = 0.000004 ]
Train: 100% 845/845 [02:36<00:00,  5.41 step/s]
Average loss=-0.23908010125160217
Valid(student): 100% 3000/3000 [00:15<00:00, 198.71 step/s]

[Valid(student)][52][UTT][ MSE = 0.5323 | LCC = 0.6346 | SRCC = 0.6042 ] [SYS][ MSE = 0.0268 | LCC = 0.9809 | SRCC = 0.9617 ]
[Valid(student)][52][UTT][ GML = 0.234194 | AML = 0.456188 | MoV = 0.225147 | VoV = 0.002520 ] [SYS][ GML = 0.016924 | AML = 3.071627 | MoV = 0.002568 | VoV = 0.000003 ]
Train: 100% 845/845 [02:36<00:00,  5.38 step/s]
Average loss=-0.24174875020980835
Valid(student): 100% 3000/3000 [00:15<00:00, 197.27 step/s]

[Valid(student)][53][UTT][ MSE = 0.6493 | LCC = 0.6199 | SRCC = 0.5874 ] [SYS][ MSE = 0.1090 | LCC = 0.9754 | SRCC = 0.9494 ]
[Valid(student)][53][UTT][ GML = 0.158435 | AML = 0.425242 | MoV = 0.225858 | VoV = 0.003111 ] [SYS][ GML = 0.000000 | AML = 0.280223 | MoV = 0.002599 | VoV = 0.000004 ]
Train: 100% 845/845 [02:37<00:00,  5.36 step/s]
Average loss=-0.2546408772468567
Valid(student): 100% 3000/3000 [00:14<00:00, 200.59 step/s]

[Valid(student)][54][UTT][ MSE = 0.6241 | LCC = 0.6178 | SRCC = 0.5885 ] [SYS][ MSE = 0.1269 | LCC = 0.9699 | SRCC = 0.9344 ]
[Valid(student)][54][UTT][ GML = 0.182553 | AML = 0.427970 | MoV = 0.227062 | VoV = 0.002953 ] [SYS][ GML = 0.000000 | AML = 0.584965 | MoV = 0.002634 | VoV = 0.000004 ]
Train: 100% 845/845 [02:36<00:00,  5.40 step/s]
Average loss=-0.25584983825683594
Valid(student): 100% 3000/3000 [00:15<00:00, 197.54 step/s]

[Valid(student)][55][UTT][ MSE = 0.5404 | LCC = 0.6327 | SRCC = 0.6013 ] [SYS][ MSE = 0.0677 | LCC = 0.9773 | SRCC = 0.9501 ]
[Valid(student)][55][UTT][ GML = 0.224318 | AML = 0.454088 | MoV = 0.214836 | VoV = 0.002043 ] [SYS][ GML = 0.000003 | AML = 0.408513 | MoV = 0.002448 | VoV = 0.000003 ]
Train: 100% 845/845 [02:37<00:00,  5.38 step/s]
Average loss=-0.2591538727283478
Valid(student): 100% 3000/3000 [00:15<00:00, 199.46 step/s]

[Valid(student)][56][UTT][ MSE = 0.5330 | LCC = 0.6351 | SRCC = 0.6041 ] [SYS][ MSE = 0.0283 | LCC = 0.9756 | SRCC = 0.9501 ]
[Valid(student)][56][UTT][ GML = 0.233566 | AML = 0.457014 | MoV = 0.218900 | VoV = 0.002035 ] [SYS][ GML = 0.006314 | AML = 2.645631 | MoV = 0.002506 | VoV = 0.000003 ]
Train: 100% 845/845 [02:37<00:00,  5.38 step/s]
Average loss=-0.2698272466659546
Valid(student): 100% 3000/3000 [00:15<00:00, 196.97 step/s]

[Valid(student)][57][UTT][ MSE = 0.5481 | LCC = 0.6270 | SRCC = 0.5962 ] [SYS][ MSE = 0.0464 | LCC = 0.9793 | SRCC = 0.9597 ]
[Valid(student)][57][UTT][ GML = 0.218514 | AML = 0.454023 | MoV = 0.212418 | VoV = 0.001769 ] [SYS][ GML = 0.000192 | AML = 1.123601 | MoV = 0.002396 | VoV = 0.000003 ]
Train: 100% 845/845 [02:36<00:00,  5.41 step/s]
Average loss=-0.27085497975349426
Valid(student): 100% 3000/3000 [00:15<00:00, 199.53 step/s]

[Valid(student)][58][UTT][ MSE = 0.6062 | LCC = 0.6216 | SRCC = 0.5907 ] [SYS][ MSE = 0.0955 | LCC = 0.9803 | SRCC = 0.9515 ]
[Valid(student)][58][UTT][ GML = 0.170860 | AML = 0.441424 | MoV = 0.201068 | VoV = 0.002092 ] [SYS][ GML = 0.000000 | AML = 0.521150 | MoV = 0.002331 | VoV = 0.000003 ]
Train: 100% 845/845 [02:37<00:00,  5.37 step/s]
Average loss=-0.27585890889167786
Valid(student): 100% 3000/3000 [00:15<00:00, 197.83 step/s]

[Valid(student)][59][UTT][ MSE = 0.5031 | LCC = 0.6328 | SRCC = 0.6019 ] [SYS][ MSE = 0.0192 | LCC = 0.9781 | SRCC = 0.9521 ]
[Valid(student)][59][UTT][ GML = 0.268946 | AML = 0.461443 | MoV = 0.236841 | VoV = 0.002122 ] [SYS][ GML = 0.393357 | AML = 2.324907 | MoV = 0.002687 | VoV = 0.000004 ]
Train: 100% 845/845 [02:37<00:00,  5.37 step/s]
Average loss=-0.25934454798698425
Valid(student): 100% 3000/3000 [00:15<00:00, 199.61 step/s]

[Valid(student)][60][UTT][ MSE = 0.6101 | LCC = 0.6099 | SRCC = 0.5800 ] [SYS][ MSE = 0.0939 | LCC = 0.9726 | SRCC = 0.9398 ]
[Valid(student)][60][UTT][ GML = 0.173415 | AML = 0.438967 | MoV = 0.209779 | VoV = 0.002548 ] [SYS][ GML = 0.000000 | AML = 0.818465 | MoV = 0.002440 | 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 contiguo
us 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, 193.45 step/s]

[Test(best)][61][UTT][ MSE = 0.6141 | LCC = 0.6517 | SRCC = 0.6205 ] [SYS][ MSE = 0.1427 | LCC = 0.9826 | SRCC = 0.9474 ]
[Test(best)][61][UTT][ GML = 0.247875 | AML = 0.421122 | MoV = 0.299279 | VoV = 0.002978 ] [SYS][ GML = 0.000000 | AML = 0.000973 | MoV = 0.002472 | VoV = 0.000003 ]
Test(last): 100% 4000/4000 [00:20<00:00, 198.38 step/s]

[Test(last)][61][UTT][ MSE = 0.5937 | LCC = 0.6256 | SRCC = 0.5959 ] [SYS][ MSE = 0.0974 | LCC = 0.9688 | SRCC = 0.9378 ]
[Test(last)][61][UTT][ GML = 0.181735 | AML = 0.449413 | MoV = 0.210027 | VoV = 0.002566 ] [SYS][ GML = 0.000000 | AML = 1.040162 | MoV = 0.001773 | VoV = 0.000002 ]
(lxygpu) [x_xlian@node026 ProMOSNet]$ client_loop: send disconnect: Broken pipe
lxy@Hope-Liang-MBA ProMOSNet %
```