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xgboost [x_xlian@node017 ProMOSNet]$ python train.py --lamb_c=0.5 --lamb_t=0 --save_path "runs/c5e-1-t0/run1"
```

```
Loading all wav files.  
100%|███████████████████████████████████████████████████████████| 54040/54040 [07:47<00:00, 115.71it/s]  
  
/pro/j/horse_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.
```

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100%|███████████████████████████████████████████████████████████| 3000/3000 [01:43<00:00, 29.07it/s]  
  
/pro/j/horse_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.
```

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100%|███████████████████████████████████████████████████████████| 4000/4000 [02:20<00:00, 28.55it/s]  
  
/pro/j/horse_2021/users/x_xlian/ProMOSNet/ProMOSNet/dataset.py:55: SettingWithCopyWarning:  
A value is trying to be set on a copy of a slice from a DataFrame  
  
See the caveats in the documentation: https://pandas.pydata.org/pandas-docs/stable/user_guide/indexing.html#returning-a-view-versus-a-copy  
self.scores['JUDGE')[i] = self.idtable[judge_i]
```

Train: 100% 845/845 [03:21<00:00, 4.19 step/s]
Average loss=0.34674.1875

Valid(teacher): 100% 3000/3000 [00:15<00:00, 188.20 step/s]

[Valid(teacher)][0][UTT] MSE = 3.0137 | LCC = 0.4886 | SRCC = 0.4628 | [SYS] MSE = 2.8517 | LCC = 0.8427 | SRCC = 0.8421]
[Valid(teacher)][0][UTL] GML = 0.009653 | AML = 0.122745 | MoV = 0.383927 | VoV = 0.011360 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004566 | VoV = 0.000019]
Train: 100% 845/845 [03:22<00:00, 4.18 step/s]
Average loss=0.31450358033180237
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.19 step/s]

[Valid(teacher)][1][UTT] MSE = 1.7318 | LCC = 0.5703 | SRCC = 0.5283 | [SYS] MSE = 1.3562 | LCC = 0.9212 | SRCC = 0.8824]
[Valid(teacher)][1][UTL] GML = 0.034793 | AML = 0.214036 | MoV = 0.381840 | VoV = 0.017171 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004712 | VoV = 0.000024]
Train: 100% 845/845 [03:22<00:00, 4.18 step/s]
Average loss=0.2648279070854187
Valid(teacher): 100% 3000/3000 [00:16<00:00, 187.04 step/s]

[Valid(teacher)][2][UTT] MSE = 1.5535 | LCC = 0.5901 | SRCC = 0.5439 | [SYS] MSE = 1.1445 | LCC = 0.9375 | SRCC = 0.8872]
[Valid(teacher)][2][UTL] GML = 0.040623 | AML = 0.234393 | MoV = 0.365055 | VoV = 0.013678 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004413 | VoV = 0.000018]
Train: 100% 845/845 [03:21<00:00, 4.18 step/s]
Average loss=0.2437257319688797
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.36 step/s]

[Valid(teacher)][3][UTT] MSE = 1.2328 | LCC = 0.6005 | SRCC = 0.5530 | [SYS] MSE = 0.8014 | LCC = 0.9433 | SRCC = 0.8995]
[Valid(teacher)][3][UTL] GML = 0.007753 | AML = 0.280585 | MoV = 0.385627 | VoV = 0.011243 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004545 | VoV = 0.000016]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=0.22514694929122925
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.58 step/s]

[Valid(teacher)][4][UTT] MSE = 1.5567 | LCC = 0.6058 | SRCC = 0.5595 | [SYS] MSE = 1.1467 | LCC = 0.9513 | SRCC = 0.9193]
[Valid(teacher)][4][UTL] GML = 0.037454 | AML = 0.230130 | MoV = 0.349332 | VoV = 0.012231 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004234 | VoV = 0.000016]
Train: 100% 845/845 [03:22<00:00, 4.18 step/s]
Average loss=0.2117302417755127
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.69 step/s]

[Valid(teacher)][5][UTT] MSE = 1.5085 | LCC = 0.6089 | SRCC = 0.5622 | [SYS] MSE = 1.0964 | LCC = 0.9551 | SRCC = 0.9193]
[Valid(teacher)][5][UTL] GML = 0.044648 | AML = 0.237517 | MoV = 0.351867 | VoV = 0.011556 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004253 | VoV = 0.000016]
Train: 100% 845/845 [03:21<00:00, 4.19 step/s]
Average loss=0.20036809146404266
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.38 step/s]

[Valid(teacher)][6][UTT] MSE = 1.5683 | LCC = 0.6117 | SRCC = 0.5662 | [SYS] MSE = 1.1665 | LCC = 0.9580 | SRCC = 0.9289]
[Valid(teacher)][6][UTL] GML = 0.042243 | AML = 0.229187 | MoV = 0.346070 | VoV = 0.010885 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004192 | VoV = 0.000016]
Train: 100% 845/845 [03:22<00:00, 4.18 step/s]
Average loss=0.18637003004550934
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.04 step/s]

[Valid(teacher)][7][UTT] MSE = 1.7330 | LCC = 0.6123 | SRCC = 0.5684 | [SYS] MSE = 1.3478 | LCC = 0.9608 | SRCC = 0.9337]
[Valid(teacher)][7][UTL] GML = 0.031414 | AML = 0.207700 | MoV = 0.333758 | VoV = 0.010318 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004072 | VoV = 0.000016]
Train: 100% 845/845 [03:22<00:00, 4.17 step/s]
Average loss=0.17300574481487274
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.63 step/s]

[Valid(teacher)][8][UTT] MSE = 1.7746 | LCC = 0.6137 | SRCC = 0.5707 | [SYS] MSE = 1.3982 | LCC = 0.9638 | SRCC = 0.9357]
[Valid(teacher)][8][UTL] GML = 0.031065 | AML = 0.203308 | MoV = 0.328291 | VoV = 0.009161 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004003 | VoV = 0.000015]
Train: 100% 845/845 [03:22<00:00, 4.18 step/s]
Average loss=0.16246427595615387
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.10 step/s]

[Valid(teacher)][9][UTT] MSE = 1.8149 | LCC = 0.6158 | SRCC = 0.5744 | [SYS] MSE = 1.4497 | LCC = 0.9674 | SRCC = 0.9412]
[Valid(teacher)][9][UTL] GML = 0.030719 | AML = 0.198945 | MoV = 0.323946 | VoV = 0.008056 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.003940 | VoV = 0.000014]
Train: 100% 845/845 [03:21<00:00, 4.20 step/s]
Average loss=0.15378963947296143
Valid(teacher): 100% 3000/3000 [00:15<00:00, 190.30 step/s]

[Valid(teacher)][10][UTT] MSE = 1.9736 | LCC = 0.6146 | SRCC = 0.5747 | [SYS] MSE = 1.6245 | LCC = 0.9685 | SRCC = 0.9453]
[Valid(teacher)][10][UTL] GML = 0.022179 | AML = 0.180906 | MoV = 0.312081 | VoV = 0.007329 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.003808 | VoV = 0.000013]
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]
Average loss=0.14190901815891266
Valid(teacher): 100% 3000/3000 [00:15<00:00, 190.22 step/s]

[Valid

Average loss=0.058528345078229904
Valid(teacher): 100% 3000/3000 [00:15<00:00, 190.29 step/s]

[Valid(teacher)][20][UTT][MSE = 1.7141 | LCC = 0.6103 | SRCC = 0.5816 | [SYS][MSE = 1.3702 | LCC = 0.9752 | SRCC = 0.9638]
[Valid(teacher)][20][UTT][GML = 0.043238 | AML = 0.220358 | MoV = 0.307812 | VoV = 0.003293 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003656 | VoV = 0.000010]
Train: 100% 845/845 [03:22<00:00, 4.17 step/s]
Average loss=0.049203693806729736
Valid(teacher): 100% 3000/3000 [00:16<00:00, 180.04 step/s]

[Valid(teacher)][21][UTT][MSE = 1.6630 | LCC = 0.6090 | SRCC = 0.5821 | [SYS][MSE = 1.3147 | LCC = 0.9746 | SRCC = 0.9610]
[Valid(teacher)][21][UTT][GML = 0.046758 | AML = 0.227265 | MoV = 0.306740 | VoV = 0.003195 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003641 | VoV = 0.000010]
Train: 100% 845/845 [03:22<00:00, 4.16 step/s]
Average loss=0.042723238468170166
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.15 step/s]

[Valid(teacher)][22][UTT][MSE = 1.6232 | LCC = 0.6119 | SRCC = 0.5857 | [SYS][MSE = 1.2755 | LCC = 0.9745 | SRCC = 0.9610]
[Valid(teacher)][22][UTT][GML = 0.049865 | AML = 0.232087 | MoV = 0.306438 | VoV = 0.003110 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003633 | VoV = 0.000009]
Train: 100% 845/845 [03:21<00:00, 4.19 step/s]
Average loss=0.033460572361946106
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.03 step/s]

[Valid(teacher)][23][UTT][MSE = 1.4968 | LCC = 0.6142 | SRCC = 0.5876 | [SYS][MSE = 1.1388 | LCC = 0.9749 | SRCC = 0.9590]
[Valid(teacher)][23][UTT][GML = 0.062196 | AML = 0.248901 | MoV = 0.309854 | VoV = 0.003100 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003657 | VoV = 0.000009]
Train: 100% 845/845 [03:22<00:00, 4.18 step/s]
Average loss=0.03100268356502056
Valid(teacher): 100% 3000/3000 [00:15<00:00, 190.04 step/s]

[Valid(teacher)][24][UTT][MSE = 1.5343 | LCC = 0.6118 | SRCC = 0.5847 | [SYS][MSE = 1.1817 | LCC = 0.9742 | SRCC = 0.9453]
[Valid(teacher)][24][UTT][GML = 0.056666 | AML = 0.243765 | MoV = 0.305359 | VoV = 0.003082 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003608 | VoV = 0.000009]
Train: 100% 845/845 [03:22<00:00, 4.17 step/s]
Average loss=0.017283931374549866
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.07 step/s]

[Valid(teacher)][25][UTT][MSE = 1.4966 | LCC = 0.6125 | SRCC = 0.5855 | [SYS][MSE = 1.1420 | LCC = 0.9744 | SRCC = 0.9439]
[Valid(teacher)][25][UTT][GML = 0.059374 | AML = 0.248820 | MoV = 0.303265 | VoV = 0.003023 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003580 | VoV = 0.000009]
Train: 100% 845/845 [03:22<00:00, 4.17 step/s]
Average loss=0.012302176095545292
Valid(teacher): 100% 3000/3000 [00:15<00:00, 188.42 step/s]

[Valid(teacher)][26][UTT][MSE = 1.4424 | LCC = 0.6136 | SRCC = 0.5871 | [SYS][MSE = 1.0790 | LCC = 0.9752 | SRCC = 0.9487]
[Valid(teacher)][26][UTT][GML = 0.064003 | AML = 0.256287 | MoV = 0.301942 | VoV = 0.002940 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003552 | VoV = 0.000009]
Train: 100% 845/845 [03:22<00:00, 4.18 step/s]
Average loss=0.00439377225935459
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.63 step/s]

[Valid(teacher)][27][UTT][MSE = 1.4492 | LCC = 0.6145 | SRCC = 0.5886 | [SYS][MSE = 1.0844 | LCC = 0.9758 | SRCC = 0.9460]
[Valid(teacher)][27][UTT][GML = 0.061148 | AML = 0.254679 | MoV = 0.297638 | VoV = 0.002950 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003502 | VoV = 0.000008]
Train: 100% 845/845 [03:22<00:00, 4.18 step/s]
Average loss=-0.005194027908146381
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.87 step/s]

[Valid(teacher)][28][UTT][MSE = 1.5063 | LCC = 0.6099 | SRCC = 0.5837 | [SYS][MSE = 1.1458 | LCC = 0.9747 | SRCC = 0.9432]
[Valid(teacher)][28][UTT][GML = 0.053638 | AML = 0.247145 | MoV = 0.292892 | VoV = 0.002891 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003453 | VoV = 0.000008]
Train: 100% 845/845 [03:21<00:00, 4.19 step/s]
Average loss=-0.017020542174577713
Valid(teacher): 100% 3000/3000 [00:15<00:00, 190.25 step/s]

[Valid(teacher)][29][UTT][MSE = 1.4264 | LCC = 0.6101 | SRCC = 0.5839 | [SYS][MSE = 1.0542 | LCC = 0.9754 | SRCC = 0.9453]
[Valid(teacher)][29][UTT][GML = 0.060726 | AML = 0.258794 | MoV = 0.291197 | VoV = 0.002758 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003422 | VoV = 0.000008]
Train: 100% 845/845 [03:22<00:00, 4.18 step/s]
Average loss=-0.02755057066679001
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.69 step/s]

[Valid(teacher)][30][UTT][MSE = 1.4297 | LCC = 0.6095 | SRCC = 0.5834 | [SYS][MSE = 1.0567 | LCC = 0.9760 | SRCC = 0.9501]
[Valid(teacher)][30][UTT][GML = 0.059655 | AML = 0.258116 | MoV = 0.288895 | VoV = 0.002548 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003393 | VoV = 0.000008]
Train: 100% 845/845 [03:22<00:00, 4.17 step/s]
Average loss=-0.029502125456029207
Valid(teacher): 100% 3000/3000 [00:16<00:00, 184.23 step/s]

[Valid(teacher)][31][UTT][MSE = 1.2826 | LCC = 0.6149 | SRCC = 0.5879 | [SYS][MSE = 0.8985 | LCC = 0.9779 | SRCC = 0.9515]
[Valid(teacher)][31][UTT][GML = 0.076919 | AML = 0.280457 | MoV = 0.289626 | VoV = 0.002466 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003382 | VoV = 0.000007]
Train: 100% 845/845 [03:26<00:00, 4.10 step/s]
Average loss=-0.03921767324209213
Valid(teacher): 100% 3000/3000 [00:15<00:00, 188.67 step/s]

[Valid(teacher)][32][UTT][MSE = 1.2260 | LCC = 0.6149 | SRCC = 0.5865 | [SYS][MSE = 0.8349 | LCC = 0.9787 | SRCC = 0.9556]
[Valid(teacher)][32][UTT][GML = 0.083145 | AML = 0.290136 | MoV = 0.288321 | VoV = 0.002662 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003361 | VoV = 0.000007]
Train: 100% 845/845 [03:21<00:00, 4.20 step/s]
Average loss=-0.04694300889968872
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.96 step/s]

[Valid(teacher)][33][UTT][MSE = 1.2386 | LCC = 0.6137 | SRCC = 0.5861 | [SYS][MSE = 0.8460 | LCC = 0.9780 | SRCC = 0.9576]
[Valid(teacher)][33][UTT][GML = 0.078102 | AML = 0.288435 | MoV = 0.282851 | VoV = 0.002699 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003303 | VoV = 0.000007]
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]
Average loss=-0.060501959174871445
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.75 step/s]

[Valid(teacher)][34][UTT][MSE = 1.1835 | LCC = 0.6139 | SRCC = 0.5862 | [SYS][MSE = 0.7872 | LCC = 0.9790 | SRCC = 0.9583]
[Valid(teacher)][34][UTT][GML = 0.085627 | AML = 0.298268 | MoV = 0.281199 | VoV = 0.002486 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003274 | VoV = 0.000007]
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]
Average loss=-0.058834612369537354
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.07 step/s]

[Valid(teacher)][35][UTT][MSE = 1.1490 | LCC = 0.6151 | SRCC = 0.5880 | [SYS][MSE = 0.7510 | LCC = 0.9806 | SRCC = 0.9569]
[Valid(teacher)][35][UTT][GML = 0.090475 | AML = 0.304145 | MoV = 0.279740 | VoV = 0.002441 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003248 | VoV = 0.000006]
Train: 100% 845/845 [03:22<00:00, 4.18 step/s]
Average loss=-0.07241225242614746
Valid(teacher): 100% 3000/3000 [00:15<00:00, 190.12 step/s]

[Valid(teacher)][36][UTT][MSE = 1.1176 | LCC = 0.6144 | SRCC = 0.5870 | [SYS][MSE = 0.7141 | LCC = 0.9812 | SRCC = 0.9549]
[Valid(teacher)][36][UTT][GML = 0.094090 | AML = 0.309522 | MoV = 0.276471 | VoV = 0.002375 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003203 | VoV = 0.000006]
Train: 100% 845/845 [03:22<00:00, 4.17 step/s]
Average loss=-0.08081323653459549
Valid(teacher): 100% 3000/3000 [00:16<00:00, 185.81 step/s]

[Valid(teacher)][37][UTT][MSE = 1.0211 | LCC = 0.6183 | SRCC = 0.5900 | [SYS][MSE = 0.6118 | LCC = 0.9811 | SRCC = 0.9549]
[Valid(teacher)][37][UTT][GML = 0.110675 | AML = 0.328499 | MoV = 0.273820 | VoV = 0.002316 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003161 | VoV = 0.000006]
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]
Average loss=-0.08284052461385727
Valid(teacher): 100% 3000/3000 [00:15<00:00, 190.40 step/s]

[Valid(teacher)][38][UTT][MSE = 0.9511 | LCC = 0.6218 | SRCC = 0.5925 | [SYS][MSE = 0.5339 | LCC = 0.9818 | SRCC = 0.9556]
[Valid(teacher)][38][UTT][GML = 0.125550 | AML = 0.343033 | MoV = 0.273481 | VoV = 0.002284 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003141 | VoV = 0.000006]
Train: 100% 845/845 [03:22<00:00, 4.16 step/s]
Average loss=-0.0955793559551239
Valid(teacher): 100% 3000/3000 [00:16<00:00, 187.26 step/s]

[Valid(teacher)][39][UTT][MSE = 0.9909 | LCC = 0.6177 | SRCC = 0.5878 | [SYS][MSE = 0.5734 | LCC = 0.9807 | SRCC = 0.9494]
[Valid(teacher)][39][UTT][GML = 0.113602 | AML = 0.335644 | MoV = 0.269463 | VoV = 0.002332 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003100 | VoV = 0.000005]
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]
Average loss=-0.0916123241186142
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.32 step/s]

[Valid(teacher)][40][UTT][MSE = 0.9848 | LCC = 0.6184 | SRCC = 0.5886 | [SYS][MSE = 0.5703 | LCC = 0.9817 | SRCC = 0.9562]
[Valid(teacher)][40][UTT][GML = 0.115057 | AML = 0.336550 | MoV = 0.268989 | VoV = 0.002288 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003092 | VoV = 0.000005]
Train: 100% 845/845 [03:22<00:00, 4.17 step/s]
Average loss=-0.10226989537477493
Valid(teacher): 100% 3000/3000 [00:16<00:00, 185.29 step/s]

[Valid(teacher)][41][UTT][MSE = 0.9319 | LCC = 0.6225 | SRCC = 0.5921 | [SYS][MSE = 0.5133 | LCC = 0.9823 | SRCC = 0.9597]
[Valid(teacher)][41][UTT][GML = 0.124677 | AML = 0.347798 | MoV = 0.265594 | VoV = 0.002230 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003048 | VoV = 0.000005]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.1116795539855957
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.96 step/s]

[Valid(teacher)][42][UTT][MSE = 0.9278 | LCC = 0.6220 | SRCC = 0.5919 | [SYS][MSE = 0.5075 | LCC = 0.9826 | SRCC = 0.9583]
[Valid(teacher)][42][UTT][GML = 0.123607 | AML = 0.348895 | MoV = 0.263788 | VoV = 0.002340 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003029 | VoV = 0.000005]
Train: 100% 845/845 [03:22<00:00, 4.17 step/s]
Average loss=-0.11808451265096664
Valid(teacher): 100% 3000/3000 [00:16<00:00, 187.23 step/s]

[Valid(teacher)][43][UTT][MSE = 0.9402 | LCC = 0.6195 | SRCC = 0.5894 | [SYS][MSE = 0.5197 | LCC = 0.9824 | SRCC = 0.9535]
[Valid(teacher)][43][UTT][GML = 0.117580 | AML = 0.346956 | MoV = 0.259826 | VoV = 0.002350 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.002988 | VoV = 0.000005]

```
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]
Average loss=-0.12058980017900467
Valid(teacher): 100% 3000/3000 [00:16<00:00, 179.15 step/s]

[Valid(teacher)][44][UTT][ MSE = 0.8831 | LCC = 0.6208 | SRCC = 0.5894 | [SYS][ MSE = 0.4579 | LCC = 0.9823 | SRCC = 0.9583 ]
[Valid(teacher)][44][UTT][ GML = 0.129554 | AML = 0.359946 | MoV = 0.256510 | VoV = 0.002284 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002943 | VoV = 0.000005 ]
Train: 100% 845/845 [03:27<00:00, 4.08 step/s]
Average loss=-0.127551819174194
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.45 step/s]

[Valid(teacher)][45][UTT][ MSE = 0.9384 | LCC = 0.6194 | SRCC = 0.5898 | [SYS][ MSE = 0.5184 | LCC = 0.9821 | SRCC = 0.9501 ]
[Valid(teacher)][45][UTT][ GML = 0.114816 | AML = 0.347836 | MoV = 0.253469 | VoV = 0.002154 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002912 | VoV = 0.000005 ]
Train: 100% 845/845 [03:22<00:00, 4.16 step/s]
Average loss=-0.13402670621871948
Valid(teacher): 100% 3000/3000 [00:16<00:00, 179.92 step/s]

[Valid(teacher)][46][UTT][ MSE = 0.9407 | LCC = 0.6208 | SRCC = 0.5909 | [SYS][ MSE = 0.5214 | LCC = 0.9819 | SRCC = 0.9535 ]
[Valid(teacher)][46][UTT][ GML = 0.113200 | AML = 0.347355 | MoV = 0.252271 | VoV = 0.002151 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002893 | VoV = 0.000005 ]
Train: 100% 845/845 [03:22<00:00, 4.17 step/s]
Average loss=-0.13809722661972046
Valid(teacher): 100% 3000/3000 [00:15<00:00, 188.91 step/s]

[Valid(teacher)][47][UTT][ MSE = 0.8992 | LCC = 0.6213 | SRCC = 0.5911 | [SYS][ MSE = 0.4754 | LCC = 0.9824 | SRCC = 0.9556 ]
[Valid(teacher)][47][UTT][ GML = 0.122916 | AML = 0.355688 | MoV = 0.251729 | VoV = 0.002117 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002880 | VoV = 0.000005 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.1471671164035797
Valid(teacher): 100% 3000/3000 [00:15<00:00, 188.72 step/s]

[Valid(teacher)][48][UTT][ MSE = 0.8435 | LCC = 0.6224 | SRCC = 0.5916 | [SYS][ MSE = 0.4127 | LCC = 0.9839 | SRCC = 0.9631 ]
[Valid(teacher)][48][UTT][ GML = 0.137141 | AML = 0.368085 | MoV = 0.251095 | VoV = 0.002055 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002861 | VoV = 0.000004 ]
Train: 100% 845/845 [03:27<00:00, 4.07 step/s]
Average loss=-0.14039216935634613
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.23 step/s]

[Valid(teacher)][49][UTT][ MSE = 0.8564 | LCC = 0.6217 | SRCC = 0.5909 | [SYS][ MSE = 0.4277 | LCC = 0.9837 | SRCC = 0.9603 ]
[Valid(teacher)][49][UTT][ GML = 0.132357 | AML = 0.365035 | MoV = 0.249902 | VoV = 0.002119 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002846 | VoV = 0.000004 ]
Train: 100% 845/845 [03:22<00:00, 4.17 step/s]
Average loss=-0.15283793210983276
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.59 step/s]

[Valid(teacher)][50][UTT][ MSE = 0.7722 | LCC = 0.6257 | SRCC = 0.5936 | [SYS][ MSE = 0.3357 | LCC = 0.9844 | SRCC = 0.9638 ]
[Valid(teacher)][50][UTT][ GML = 0.154080 | AML = 0.385628 | MoV = 0.246452 | VoV = 0.002158 | [SYS][ GML = 0.000000 | AML = 0.000001 | MoV = 0.002801 | VoV = 0.000004 ]
Train: 100% 845/845 [03:53<00:00, 3.62 step/s]
Average loss=-0.166154682636261
Valid(teacher): 100% 3000/3000 [00:33<00:00, 88.70 step/s]

[Valid(teacher)][51][UTT][ MSE = 0.7636 | LCC = 0.6248 | SRCC = 0.5934 | [SYS][ MSE = 0.3250 | LCC = 0.9840 | SRCC = 0.9631 ]
[Valid(teacher)][51][UTT][ GML = 0.155599 | AML = 0.388719 | MoV = 0.244753 | VoV = 0.002113 | [SYS][ GML = 0.000000 | AML = 0.000003 | MoV = 0.002781 | VoV = 0.000004 ]
Train: 100% 845/845 [05:52<00:00, 2.40 step/s]
Average loss=-0.17390970805753632
Valid(teacher): 100% 3000/3000 [00:16<00:00, 181.73 step/s]

[Valid(teacher)][52][UTT][ MSE = 0.7381 | LCC = 0.6260 | SRCC = 0.5939 | [SYS][ MSE = 0.2965 | LCC = 0.9840 | SRCC = 0.9651 ]
[Valid(teacher)][52][UTT][ GML = 0.162770 | AML = 0.395612 | MoV = 0.242883 | VoV = 0.002055 | [SYS][ GML = 0.000000 | AML = 0.000010 | MoV = 0.002755 | VoV = 0.000004 ]
Train: 100% 845/845 [04:12<00:00, 3.34 step/s]
Average loss=-0.17578966915607452
Valid(teacher): 100% 3000/3000 [00:18<00:00, 165.47 step/s]

[Valid(teacher)][53][UTT][ MSE = 0.6972 | LCC = 0.6273 | SRCC = 0.5949 | [SYS][ MSE = 0.2540 | LCC = 0.9842 | SRCC = 0.9692 ]
[Valid(teacher)][53][UTT][ GML = 0.177953 | AML = 0.406302 | MoV = 0.240983 | VoV = 0.001847 | [SYS][ GML = 0.000000 | AML = 0.000719 | MoV = 0.002728 | VoV = 0.000004 ]
Train: 100% 845/845 [03:39<00:00, 3.85 step/s]
Average loss=-0.18305881321430206
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.45 step/s]

[Valid(teacher)][54][UTT][ MSE = 0.7814 | LCC = 0.6217 | SRCC = 0.5908 | [SYS][ MSE = 0.3402 | LCC = 0.9841 | SRCC = 0.9603 ]
[Valid(teacher)][54][UTT][ GML = 0.146355 | AML = 0.384534 | MoV = 0.238320 | VoV = 0.001895 | [SYS][ GML = 0.000000 | AML = 0.000006 | MoV = 0.002708 | VoV = 0.000004 ]
Train: 100% 845/845 [00:44<00:00, 3.82 step/s]
Average loss=-0.1822098195552826
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.41 step/s]

[Valid(teacher)][55][UTT][ MSE = 0.7560 | LCC = 0.6231 | SRCC = 0.5920 | [SYS][ MSE = 0.3124 | LCC = 0.9849 | SRCC = 0.9672 ]
[Valid(teacher)][55][UTT][ GML = 0.153386 | AML = 0.391095 | MoV = 0.237507 | VoV = 0.001919 | [SYS][ GML = 0.000000 | AML = 0.000016 | MoV = 0.002698 | VoV = 0.000004 ]
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]
Average loss=-0.1933348923921585
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.06 step/s]

[Valid(teacher)][56][UTT][ MSE = 0.7302 | LCC = 0.6240 | SRCC = 0.5926 | [SYS][ MSE = 0.2882 | LCC = 0.9856 | SRCC = 0.9672 ]
[Valid(teacher)][56][UTT][ GML = 0.161188 | AML = 0.397921 | MoV = 0.235253 | VoV = 0.001858 | [SYS][ GML = 0.000000 | AML = 0.000044 | MoV = 0.002666 | VoV = 0.000004 ]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.19596411287784576
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.71 step/s]

[Valid(teacher)][57][UTT][ MSE = 0.6836 | LCC = 0.6282 | SRCC = 0.5965 | [SYS][ MSE = 0.2437 | LCC = 0.9858 | SRCC = 0.9699 ]
[Valid(teacher)][57][UTT][ GML = 0.175412 | AML = 0.410346 | MoV = 0.231668 | VoV = 0.001844 | [SYS][ GML = 0.000000 | AML = 0.000285 | MoV = 0.002621 | VoV = 0.000004 ]
Train: 100% 845/845 [08:10<00:00, 1.72 step/s]
Average loss=-0.20488770306110382
Valid(teacher): 100% 3000/3000 [00:15<00:00, 188.05 step/s]

[Valid(teacher)][58][UTT][ MSE = 0.6574 | LCC = 0.6296 | SRCC = 0.5987 | [SYS][ MSE = 0.2142 | LCC = 0.9854 | SRCC = 0.9720 ]
[Valid(teacher)][58][UTT][ GML = 0.183250 | AML = 0.418464 | MoV = 0.228430 | VoV = 0.001851 | [SYS][ GML = 0.000000 | AML = 0.000645 | MoV = 0.002579 | VoV = 0.000003 ]
Train: 100% 845/845 [05:11<00:00, 2.71 step/s]
Average loss=-0.21166998147964478
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.77 step/s]

[Valid(teacher)][59][UTT][ MSE = 0.6129 | LCC = 0.6324 | SRCC = 0.6005 | [SYS][ MSE = 0.1668 | LCC = 0.9854 | SRCC = 0.9699 ]
[Valid(teacher)][59][UTT][ GML = 0.198534 | AML = 0.433644 | MoV = 0.222488 | VoV = 0.001706 | [SYS][ GML = 0.000000 | AML = 0.007093 | MoV = 0.002508 | VoV = 0.000003 ]
Train: 100% 845/845 [07:56<00:00, 1.77 step/s]
Average loss=-0.22582434117794037
Valid(teacher): 100% 3000/3000 [00:22<00:00, 131.01 step/s]

[Valid(teacher)][60][UTT][ MSE = 0.6101 | LCC = 0.6309 | SRCC = 0.5978 | [SYS][ MSE = 0.1596 | LCC = 0.9848 | SRCC = 0.9699 ]
[Valid(teacher)][60][UTT][ GML = 0.196290 | AML = 0.435935 | MoV = 0.218987 | VoV = 0.001696 | [SYS][ GML = 0.000000 | AML = 0.014387 | MoV = 0.002468 | 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 [00:37<00:00, 106.20 step/s]

[Test(best)][61][UTT][ MSE = 0.6093 | LCC = 0.6329 | SRCC = 0.5982 | [SYS][ MSE = 0.1553 | LCC = 0.9844 | SRCC = 0.9692 ]
[Test(best)][61][UTT][ GML = 0.202120 | AML = 0.442157 | MoV = 0.222280 | VoV = 0.001675 | [SYS][ GML = 0.000000 | AML = 0.017157 | MoV = 0.001843 | VoV = 0.000002 ]
Test(last): 100% 4000/4000 [00:36<00:00, 109.38 step/s]

[Test(last)][61][UTT][ MSE = 0.6063 | LCC = 0.6319 | SRCC = 0.5974 | [SYS][ MSE = 0.1490 | LCC = 0.9844 | SRCC = 0.9679 ]
[Test(last)][61][UTT][ GML = 0.199509 | AML = 0.444069 | MoV = 0.218740 | VoV = 0.001660 | [SYS][ GML = 0.000000 | AML = 0.014378 | MoV = 0.001813 | VoV = 0.000002 ]
(lxygpu) [x_xliangnode017 ProMOSNet]$ client_loop: send disconnect: Broken pipe
lxy@Hope-Liang-NBA ProMOSNet
```