

```
xlygpu0_x_xliannode0833%python train.py --lamb_c=0 --lamb_t=1 --save_path "runs/c-0-t1/run4"
Loading all wav files.
100%|██████████████████████████████████████████████████████████████████████████████| 54040/54040 [07:50<00:00, 114.78it/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'][i] = self.idtable[judge_i]
Loading all wav files.
100%|██████████████████████████████████████████████████████████████████████████████| 3000/3000 [01:43<00:00, 29.00it/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'][i] = self.idtable[judge_i]
Loading all wav files.
100%|██████████████████████████████████████████████████████████████████████████████| 4000/4000 [02:20<00:00, 28.40it/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'][i] = self.idtable[judge_i]
Train: 100% 845/845 [03:26<00:00, 4.09 step/s]
Average loss=15636.91015625
Valid(teacher): 100% 3000/3000 [00:16<00:00, 185.92 step/s]

[Valid(teacher)][0][UTT] MSE = 1.7879 | LCC = 0.5049 | SRCC = 0.4773 | [SYS][ MSE = 1.4970 | LCC = 0.8399 | SRCC = 0.8523 ]
[Valid(teacher)][0][UTT] GML = 0.071731 | AML = 0.221649 | MoV = 0.490511 | VoV = 0.015492 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.005778 | VoV = 0.000029 ]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=0.4968474805355072
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.39 step/s]

[Valid(teacher)][1][UTT] MSE = 1.4939 | LCC = 0.5887 | SRCC = 0.5462 | [SYS][ MSE = 1.1315 | LCC = 0.9238 | SRCC = 0.8516 ]
[Valid(teacher)][1][UTT] GML = 0.080496 | AML = 0.243541 | MoV = 0.425204 | VoV = 0.012398 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.005121 | VoV = 0.000024 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=0.41090258955955505
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.49 step/s]

[Valid(teacher)][2][UTT] MSE = 1.3818 | LCC = 0.6102 | SRCC = 0.5658 | [SYS][ MSE = 1.0244 | LCC = 0.9460 | SRCC = 0.8851 ]
[Valid(teacher)][2][UTT] GML = 0.100030 | AML = 0.257152 | MoV = 0.416612 | VoV = 0.009419 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004930 | VoV = 0.000020 ]
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]
Average loss=0.36565035581588745
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.74 step/s]

[Valid(teacher)][3][UTT] MSE = 1.7502 | LCC = 0.6129 | SRCC = 0.5699 | [SYS][ MSE = 1.4106 | LCC = 0.9528 | SRCC = 0.9043 ]
[Valid(teacher)][3][UTT] GML = 0.052982 | AML = 0.208439 | MoV = 0.387072 | VoV = 0.009373 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004619 | VoV = 0.000018 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=0.3292635679244995
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.92 step/s]

[Valid(teacher)][4][UTT] MSE = 2.4078 | LCC = 0.6117 | SRCC = 0.5682 | [SYS][ MSE = 2.1017 | LCC = 0.9596 | SRCC = 0.9063 ]
[Valid(teacher)][4][UTT] GML = 0.012920 | AML = 0.137510 | MoV = 0.344911 | VoV = 0.010607 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004212 | VoV = 0.000017 ]
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]
Average loss=0.29814091324806213
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.98 step/s]

[Valid(teacher)][5][UTT] MSE = 2.4358 | LCC = 0.6106 | SRCC = 0.5672 | [SYS][ MSE = 2.1213 | LCC = 0.9610 | SRCC = 0.9056 ]
[Valid(teacher)][5][UTT] GML = 0.011187 | AML = 0.134953 | MoV = 0.337272 | VoV = 0.010405 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004133 | VoV = 0.000017 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=0.27650728821754456
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.30 step/s]

[Valid(teacher)][6][UTT] MSE = 2.5478 | LCC = 0.6100 | SRCC = 0.5666 | [SYS][ MSE = 2.2335 | LCC = 0.9624 | SRCC = 0.9056 ]
[Valid(teacher)][6][UTT] GML = 0.008243 | AML = 0.125121 | MoV = 0.327434 | VoV = 0.010276 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004034 | VoV = 0.000017 ]
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]
Average loss=0.2521149216082428
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.80 step/s]

[Valid(teacher)][7][UTT] MSE = 2.5923 | LCC = 0.6104 | SRCC = 0.5679 | [SYS][ MSE = 2.2794 | LCC = 0.9639 | SRCC = 0.9063 ]
[Valid(teacher)][7][UTT] GML = 0.007855 | AML = 0.121917 | MoV = 0.324730 | VoV = 0.009871 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004012 | VoV = 0.000017 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=0.2302694469690323
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.02 step/s]

[Valid(teacher)][8][UTT] MSE = 2.6898 | LCC = 0.6090 | SRCC = 0.5666 | [SYS][ MSE = 2.3800 | LCC = 0.9651 | SRCC = 0.9104 ]
[Valid(teacher)][8][UTT] GML = 0.005786 | AML = 0.113861 | MoV = 0.312959 | VoV = 0.009710 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003898 | VoV = 0.000017 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=0.2061702460050583
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.67 step/s]

[Valid(teacher)][9][UTT] MSE = 2.9743 | LCC = 0.6084 | SRCC = 0.5659 | [SYS][ MSE = 2.6792 | LCC = 0.9673 | SRCC = 0.9262 ]
[Valid(teacher)][9][UTT] GML = 0.002470 | AML = 0.091964 | MoV = 0.290760 | VoV = 0.009298 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003671 | VoV = 0.000016 ]
Train: 100% 845/845 [03:24<00:00, 4.16 step/s]
Average loss=0.17926441133022388
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.06 step/s]

[Valid(teacher)][10][UTT] MSE = 3.0878 | LCC = 0.6043 | SRCC = 0.5614 | [SYS][ MSE = 2.8015 | LCC = 0.9679 | SRCC = 0.9262 ]
[Valid(teacher)][10][UTT] GML = 0.001790 | AML = 0.085428 | MoV = 0.280876 | VoV = 0.008477 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003559 | VoV = 0.000015 ]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=0.15604542195796967
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.39 step/s]

[Valid(teacher)][11][UTT] MSE = 3.0530 | LCC = 0.6024 | SRCC = 0.5601 | [SYS][ MSE = 2.7723 | LCC = 0.9684 | SRCC = 0.9234 ]
[Valid(teacher)][11][UTT] GML = 0.001950 | AML = 0.088429 | MoV = 0.277656 | VoV = 0.007758 | [SYS][ GML
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Average loss=-0.03491547703742981
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.52 step/s]

[Valid(teacher)][20][UTT][MSE = 2.7135 | LCC = 0.5782 | SRCC = 0.5554 | [SYS][MSE = 2.4243 | LCC = 0.9658 | SRCC = 0.9227]
[Valid(teacher)][20][UTT][GML = 0.001913 | AML = 0.118642 | MoV = 0.234117 | VoV = 0.005828 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.002979 | VoV = 0.000011]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.0492265447974205
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.10 step/s]

[Valid(teacher)][21][UTT][MSE = 2.6460 | LCC = 0.5736 | SRCC = 0.5546 | [SYS][MSE = 2.3489 | LCC = 0.9641 | SRCC = 0.9200]
[Valid(teacher)][21][UTT][GML = 0.002068 | AML = 0.124881 | MoV = 0.232132 | VoV = 0.006005 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.002959 | VoV = 0.000011]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.0717838704586029
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.87 step/s]

[Valid(teacher)][22][UTT][MSE = 2.6343 | LCC = 0.5697 | SRCC = 0.5536 | [SYS][MSE = 2.3344 | LCC = 0.9639 | SRCC = 0.9221]
[Valid(teacher)][22][UTT][GML = 0.001737 | AML = 0.126323 | MoV = 0.224965 | VoV = 0.006043 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.002879 | VoV = 0.000011]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.08602207154035568
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.64 step/s]

[Valid(teacher)][23][UTT][MSE = 2.7124 | LCC = 0.5682 | SRCC = 0.5543 | [SYS][MSE = 2.4195 | LCC = 0.9639 | SRCC = 0.9316]
[Valid(teacher)][23][UTT][GML = 0.001296 | AML = 0.119768 | MoV = 0.219966 | VoV = 0.005770 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.002820 | VoV = 0.000010]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.11000779304504395
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.24 step/s]

[Valid(teacher)][24][UTT][MSE = 2.5800 | LCC = 0.5645 | SRCC = 0.5543 | [SYS][MSE = 2.2638 | LCC = 0.9610 | SRCC = 0.9303]
[Valid(teacher)][24][UTT][GML = 0.001718 | AML = 0.130451 | MoV = 0.220695 | VoV = 0.005867 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.002827 | VoV = 0.000010]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.1267257034778595
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.34 step/s]

[Valid(teacher)][25][UTT][MSE = 2.5608 | LCC = 0.5586 | SRCC = 0.5504 | [SYS][MSE = 2.2368 | LCC = 0.9619 | SRCC = 0.9344]
[Valid(teacher)][25][UTT][GML = 0.001440 | AML = 0.132641 | MoV = 0.212602 | VoV = 0.005580 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.002736 | VoV = 0.000010]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.14688986539840698
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.68 step/s]

[Valid(teacher)][26][UTT][MSE = 2.5005 | LCC = 0.5550 | SRCC = 0.5497 | [SYS][MSE = 2.1681 | LCC = 0.9602 | SRCC = 0.9330]
[Valid(teacher)][26][UTT][GML = 0.001647 | AML = 0.138746 | MoV = 0.211884 | VoV = 0.005355 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.002716 | VoV = 0.000009]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.16414882242679596
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.68 step/s]

[Valid(teacher)][27][UTT][MSE = 2.4119 | LCC = 0.5567 | SRCC = 0.5517 | [SYS][MSE = 2.0645 | LCC = 0.9608 | SRCC = 0.9344]
[Valid(teacher)][27][UTT][GML = 0.001691 | AML = 0.146321 | MoV = 0.207996 | VoV = 0.005559 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.002666 | VoV = 0.000009]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.18356052041053772
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.01 step/s]

[Valid(teacher)][28][UTT][MSE = 2.4592 | LCC = 0.5515 | SRCC = 0.5486 | [SYS][MSE = 2.1131 | LCC = 0.9602 | SRCC = 0.9296]
[Valid(teacher)][28][UTT][GML = 0.001336 | AML = 0.142631 | MoV = 0.203405 | VoV = 0.005224 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.002605 | VoV = 0.000009]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.19988560676574707
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.99 step/s]

[Valid(teacher)][29][UTT][MSE = 2.4366 | LCC = 0.5499 | SRCC = 0.5484 | [SYS][MSE = 2.0089 | LCC = 0.9616 | SRCC = 0.9371]
[Valid(teacher)][29][UTT][GML = 0.001357 | AML = 0.144738 | MoV = 0.200935 | VoV = 0.004902 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.002571 | VoV = 0.000009]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.21852648258209229
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.02 step/s]

[Valid(teacher)][30][UTT][MSE = 2.2250 | LCC = 0.5544 | SRCC = 0.5510 | [SYS][MSE = 1.8498 | LCC = 0.9636 | SRCC = 0.9303]
[Valid(teacher)][30][UTT][GML = 0.002807 | AML = 0.165197 | MoV = 0.208940 | VoV = 0.004978 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.002648 | VoV = 0.000009]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.2307863844052448
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.34 step/s]

[Valid(teacher)][31][UTT][MSE = 2.3638 | LCC = 0.5479 | SRCC = 0.5469 | [SYS][MSE = 1.9965 | LCC = 0.9622 | SRCC = 0.9350]
[Valid(teacher)][31][UTT][GML = 0.001396 | AML = 0.151028 | MoV = 0.198158 | VoV = 0.005024 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.002536 | VoV = 0.000008]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.251992791891098
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.85 step/s]

[Valid(teacher)][32][UTT][MSE = 2.2090 | LCC = 0.5512 | SRCC = 0.5490 | [SYS][MSE = 1.8192 | LCC = 0.9636 | SRCC = 0.9289]
[Valid(teacher)][32][UTT][GML = 0.002231 | AML = 0.166631 | MoV = 0.201551 | VoV = 0.005085 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.002568 | VoV = 0.000008]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.27656587958335876
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.39 step/s]

[Valid(teacher)][33][UTT][MSE = 2.2428 | LCC = 0.5497 | SRCC = 0.5484 | [SYS][MSE = 1.8495 | LCC = 0.9626 | SRCC = 0.9255]
[Valid(teacher)][33][UTT][GML = 0.001610 | AML = 0.162388 | MoV = 0.195860 | VoV = 0.005206 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.002504 | VoV = 0.000008]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.2848677337169647
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.90 step/s]

[Valid(teacher)][34][UTT][MSE = 1.9924 | LCC = 0.5595 | SRCC = 0.5534 | [SYS][MSE = 1.5743 | LCC = 0.9653 | SRCC = 0.9303]
[Valid(teacher)][34][UTT][GML = 0.003202 | AML = 0.188602 | MoV = 0.199060 | VoV = 0.005477 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.002541 | VoV = 0.000008]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.2995474630554718
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.06 step/s]

[Valid(teacher)][35][UTT][MSE = 2.0077 | LCC = 0.5536 | SRCC = 0.5507 | [SYS][MSE = 1.6772 | LCC = 0.9648 | SRCC = 0.9309]
[Valid(teacher)][35][UTT][GML = 0.001963 | AML = 0.177573 | MoV = 0.191379 | VoV = 0.005444 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.002462 | VoV = 0.000008]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.31923267245292664
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.89 step/s]

[Valid(teacher)][36][UTT][MSE = 2.0001 | LCC = 0.5560 | SRCC = 0.5520 | [SYS][MSE = 1.5938 | LCC = 0.9670 | SRCC = 0.9364]
[Valid(teacher)][36][UTT][GML = 0.002365 | AML = 0.186095 | MoV = 0.189100 | VoV = 0.005110 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.002426 | VoV = 0.000008]
Train: 100% 845/845 [03:23<00:00, 4.14 step/s]
Average loss=-0.32830125093460083
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.91 step/s]

[Valid(teacher)][37][UTT][MSE = 1.9314 | LCC = 0.5575 | SRCC = 0.5518 | [SYS][MSE = 1.5078 | LCC = 0.9675 | SRCC = 0.9364]
[Valid(teacher)][37][UTT][GML = 0.003138 | AML = 0.195834 | MoV = 0.191362 | VoV = 0.005092 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.002449 | VoV = 0.000008]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.3522679005755615
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.72 step/s]

[Valid(teacher)][38][UTT][MSE = 1.6803 | LCC = 0.5675 | SRCC = 0.5564 | [SYS][MSE = 1.2356 | LCC = 0.9708 | SRCC = 0.9350]
[Valid(teacher)][38][UTT][GML = 0.008046 | AML = 0.228253 | MoV = 0.200965 | VoV = 0.004899 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.002529 | VoV = 0.000007]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.3703323006629944
Valid(teacher): 100% 3000/3000 [00:15<00:00, 190.59 step/s]

[Valid(teacher)][39][UTT][MSE = 1.6041 | LCC = 0.5698 | SRCC = 0.5567 | [SYS][MSE = 1.1496 | LCC = 0.9723 | SRCC = 0.9316]
[Valid(teacher)][39][UTT][GML = 0.009264 | AML = 0.238801 | MoV = 0.198766 | VoV = 0.004836 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.002496 | VoV = 0.000007]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.39365267753601074
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.31 step/s]

[Valid(teacher)][40][UTT][MSE = 1.6572 | LCC = 0.5663 | SRCC = 0.5537 | [SYS][MSE = 1.2067 | LCC = 0.9725 | SRCC = 0.9350]
[Valid(teacher)][40][UTT][GML = 0.006810 | AML = 0.231209 | MoV = 0.192308 | VoV = 0.004697 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.002424 | VoV = 0.000007]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.40345698595046997
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.63 step/s]

[Valid(teacher)][41][UTT][MSE = 1.4884 | LCC = 0.5747 | SRCC = 0.5584 | [SYS][MSE = 1.0212 | LCC = 0.9745 | SRCC = 0.9371]
[Valid(teacher)][41][UTT][GML = 0.012783 | AML = 0.256201 | MoV = 0.199833 | VoV = 0.004509 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.002490 | VoV = 0.000007]
Train: 100% 845/845 [03:24<00:00, 4.12 step/s]
Average loss=-0.41547057832585144
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.56 step/s]

[Valid(teacher)][42][UTT][MSE = 1.4573 | LCC = 0.5769 | SRCC = 0.5597 | [SYS][MSE = 0.9927 | LCC = 0.9755 | SRCC = 0.9364]
[Valid(teacher)][42][UTT][GML = 0.013821 | AML = 0.260397 | MoV = 0.198703 | VoV = 0.004292 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.002470 | VoV = 0.000007]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.4436202049255371
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.23 step/s]

[Valid(teacher)][43][UTT][MSE = 1.3436 | LCC = 0.5825 | SRCC = 0.5625 | [SYS][MSE = 0.8718 | LCC = 0.9775 | SRCC = 0.9391]
[Valid(teacher)][43][UTT][GML = 0.019324 | AML = 0.279432 | MoV = 0.201432 | VoV = 0.004289 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.002482 | VoV = 0.000006]

```
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.45908716320991516
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.71 step/s]

[Valid(teacher)][44][UTT][ MSE = 1.3365 | LCC = 0.5825 | SRCC = 0.5634 | [SYS][ MSE = 0.8651 | LCC = 0.9782 | SRCC = 0.9446 ]
[Valid(teacher)][44][UTT][ GML = 0.019198 | AML = 0.281180 | MoV = 0.198767 | VoV = 0.004143 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002450 | VoV = 0.000006 ]
Train: 100% 845/845 [03:23<00:00, 4.14 step/s]
Average loss=-0.4680905342102051
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.40 step/s]

[Valid(teacher)][45][UTT][ MSE = 1.2688 | LCC = 0.5844 | SRCC = 0.5642 | [SYS][ MSE = 0.7917 | LCC = 0.9796 | SRCC = 0.9515 ]
[Valid(teacher)][45][UTT][ GML = 0.023897 | AML = 0.293029 | MoV = 0.200616 | VoV = 0.004112 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002458 | VoV = 0.000006 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.4810600280761719
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.24 step/s]

[Valid(teacher)][46][UTT][ MSE = 1.1663 | LCC = 0.5893 | SRCC = 0.5663 | [SYS][ MSE = 0.6832 | LCC = 0.9792 | SRCC = 0.9460 ]
[Valid(teacher)][46][UTT][ GML = 0.034151 | AML = 0.313009 | MoV = 0.204379 | VoV = 0.003865 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002486 | VoV = 0.000006 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.49569275975227356
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.04 step/s]

[Valid(teacher)][47][UTT][ MSE = 1.1897 | LCC = 0.5862 | SRCC = 0.5636 | [SYS][ MSE = 0.7049 | LCC = 0.9795 | SRCC = 0.9391 ]
[Valid(teacher)][47][UTT][ GML = 0.030810 | AML = 0.309154 | MoV = 0.201057 | VoV = 0.003703 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002452 | VoV = 0.000006 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.507414400575452
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.71 step/s]

[Valid(teacher)][48][UTT][ MSE = 1.1518 | LCC = 0.5923 | SRCC = 0.5684 | [SYS][ MSE = 0.6664 | LCC = 0.9810 | SRCC = 0.9562 ]
[Valid(teacher)][48][UTT][ GML = 0.033359 | AML = 0.316070 | MoV = 0.200408 | VoV = 0.003676 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002440 | VoV = 0.000006 ]
Train: 100% 845/845 [03:23<00:00, 4.14 step/s]
Average loss=-0.5221038460731506
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.58 step/s]

[Valid(teacher)][49][UTT][ MSE = 1.0423 | LCC = 0.5943 | SRCC = 0.5677 | [SYS][ MSE = 0.5493 | LCC = 0.9817 | SRCC = 0.9556 ]
[Valid(teacher)][49][UTT][ GML = 0.046640 | AML = 0.340672 | MoV = 0.203366 | VoV = 0.003637 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002459 | VoV = 0.000005 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.5464765429496765
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.41 step/s]

[Valid(teacher)][50][UTT][ MSE = 1.0180 | LCC = 0.5950 | SRCC = 0.5675 | [SYS][ MSE = 0.5254 | LCC = 0.9816 | SRCC = 0.9535 ]
[Valid(teacher)][50][UTT][ GML = 0.048932 | AML = 0.345551 | MoV = 0.201361 | VoV = 0.003470 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002428 | VoV = 0.000005 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.5480926632881165
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.44 step/s]

[Valid(teacher)][51][UTT][ MSE = 0.9469 | LCC = 0.5968 | SRCC = 0.5674 | [SYS][ MSE = 0.4529 | LCC = 0.9820 | SRCC = 0.9535 ]
[Valid(teacher)][51][UTT][ GML = 0.063021 | AML = 0.360430 | MoV = 0.204286 | VoV = 0.003259 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002445 | VoV = 0.000005 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.5629387497901917
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.40 step/s]

[Valid(teacher)][52][UTT][ MSE = 0.9403 | LCC = 0.5964 | SRCC = 0.5669 | [SYS][ MSE = 0.4456 | LCC = 0.9829 | SRCC = 0.9562 ]
[Valid(teacher)][52][UTT][ GML = 0.061871 | AML = 0.362373 | MoV = 0.202472 | VoV = 0.003304 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002422 | VoV = 0.000005 ]
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]
Average loss=-0.5728215575218201
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.66 step/s]

[Valid(teacher)][53][UTT][ MSE = 0.8464 | LCC = 0.6019 | SRCC = 0.5708 | [SYS][ MSE = 0.3493 | LCC = 0.9827 | SRCC = 0.9583 ]
[Valid(teacher)][53][UTT][ GML = 0.083181 | AML = 0.384175 | MoV = 0.205560 | VoV = 0.003203 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002440 | VoV = 0.000005 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.5828611254692078
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.73 step/s]

[Valid(teacher)][54][UTT][ MSE = 0.8275 | LCC = 0.6038 | SRCC = 0.5723 | [SYS][ MSE = 0.3312 | LCC = 0.9834 | SRCC = 0.9542 ]
[Valid(teacher)][54][UTT][ GML = 0.087323 | AML = 0.388489 | MoV = 0.204072 | VoV = 0.003065 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002420 | VoV = 0.000005 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.6000818610191345
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.13 step/s]

[Valid(teacher)][55][UTT][ MSE = 0.7385 | LCC = 0.6079 | SRCC = 0.5755 | [SYS][ MSE = 0.2424 | LCC = 0.9833 | SRCC = 0.9439 ]
[Valid(teacher)][55][UTT][ GML = 0.119111 | AML = 0.410343 | MoV = 0.207460 | VoV = 0.002705 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002434 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.49422380328178406
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.65 step/s]

[Valid(teacher)][56][UTT][ MSE = 0.7317 | LCC = 0.6086 | SRCC = 0.5754 | [SYS][ MSE = 0.2353 | LCC = 0.9828 | SRCC = 0.9474 ]
[Valid(teacher)][56][UTT][ GML = 0.118582 | AML = 0.413311 | MoV = 0.204797 | VoV = 0.002629 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002403 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.6149173378944397
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.68 step/s]

[Valid(teacher)][57][UTT][ MSE = 0.6898 | LCC = 0.6114 | SRCC = 0.5776 | [SYS][ MSE = 0.1954 | LCC = 0.9832 | SRCC = 0.9432 ]
[Valid(teacher)][57][UTT][ GML = 0.136174 | AML = 0.423422 | MoV = 0.206685 | VoV = 0.002542 | [SYS][ GML = 0.000000 | AML = 0.000011 | MoV = 0.002417 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.6317306756973267
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.83 step/s]

[Valid(teacher)][58][UTT][ MSE = 0.6381 | LCC = 0.6124 | SRCC = 0.5786 | [SYS][ MSE = 0.1466 | LCC = 0.9827 | SRCC = 0.9474 ]
[Valid(teacher)][58][UTT][ GML = 0.162489 | AML = 0.436476 | MoV = 0.209806 | VoV = 0.002379 | [SYS][ GML = 0.000000 | AML = 0.001164 | MoV = 0.002438 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.6408965587615967
Valid(teacher): 100% 3000/3000 [00:16<00:00, 186.32 step/s]

[Valid(teacher)][59][UTT][ MSE = 0.6358 | LCC = 0.6130 | SRCC = 0.5789 | [SYS][ MSE = 0.1436 | LCC = 0.9833 | SRCC = 0.9569 ]
[Valid(teacher)][59][UTT][ GML = 0.163513 | AML = 0.437697 | MoV = 0.208663 | VoV = 0.002311 | [SYS][ GML = 0.000000 | AML = 0.000955 | MoV = 0.002419 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00, 4.12 step/s]
Average loss=-0.6633687019348145
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.61 step/s]

[Valid(teacher)][60][UTT][ MSE = 0.6472 | LCC = 0.6118 | SRCC = 0.5778 | [SYS][ MSE = 0.1540 | LCC = 0.9835 | SRCC = 0.9610 ]
[Valid(teacher)][60][UTT][ GML = 0.154562 | AML = 0.434644 | MoV = 0.204547 | VoV = 0.002291 | [SYS][ GML = 0.000000 | AML = 0.000186 | MoV = 0.002376 | 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, 194.25 step/s]

[Test(best)][61][UTT][ MSE = 0.6100 | LCC = 0.6308 | SRCC = 0.5941 | [SYS][ MSE = 0.1329 | LCC = 0.9786 | SRCC = 0.9535 ]
[Test(best)][61][UTT][ GML = 0.177666 | AML = 0.444829 | MoV = 0.208995 | VoV = 0.002341 | [SYS][ GML = 0.000000 | AML = 0.074940 | MoV = 0.001765 | VoV = 0.000002 ]
Test(last): 100% 4000/4000 [00:20<00:00, 199.22 step/s]

[Test(last)][61][UTT][ MSE = 0.6210 | LCC = 0.6287 | SRCC = 0.5922 | [SYS][ MSE = 0.1423 | LCC = 0.9783 | SRCC = 0.9535 ]
[Test(last)][61][UTT][ GML = 0.168904 | AML = 0.442130 | MoV = 0.204947 | VoV = 0.002316 | [SYS][ GML = 0.000000 | AML = 0.036373 | MoV = 0.001736 | VoV = 0.000002 ]
(lxygpu) [x_xliangnode035 ProMOSNet]$ client_loop: send disconnect: Broken pipe
lxy@Hope-Liang-NBA ProMOSNet
```