

```
xlypu) [x_xlian@node018 ProMOSNet]$ python train.py --lamb_c=0.5 --lamb_t=1 --save_path "runs/cSe-1-t1-run5"
```

```
Loading all wav files.
```

```
[REDACTED] | 54040/54040 [07:53<00:00, 114.15it/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.
```

```
[REDACTED] | 3000/3000 [01:44<00:00, 28.79it/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=0.26706421875
```

```
Valid(teacher): 100% 3000/3000 [00:15<00:00, 190.48 step/s]
```

```
[Valid(teacher)][0][UTT] MSE = 5.6950 | LCC = 0.4455 | SRCC = 0.4336 | [SYS][ MSE = 5.6682 | LCC = 0.7629 | SRCC = 0.8373 ]
```

```
[Valid(teacher)][0][UTT] GML = 0.000000 | AML = 0.014497 | MoV = 0.201982 | VoV = 0.011648 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002477 | VoV = 0.000008 ]
```

```
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
```

```
Average loss=0.5752952098846436
```

```
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.11 step/s]
```

```
[Valid(teacher)][1][UTT] MSE = 2.3760 | LCC = 0.5666 | SRCC = 0.5275 | [SYS][ MSE = 2.0025 | LCC = 0.9235 | SRCC = 0.8851 ]
```

```
[Valid(teacher)][1][UTT] GML = 0.000000 | AML = 0.147716 | MoV = 0.331757 | VoV = 0.018581 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004172 | VoV = 0.000021 ]
```

```
Train: 100% 845/845 [03:22<00:00, 4.17 step/s]
```

```
Average loss=0.46210959553718567
```

```
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.10 step/s]
```

```
[Valid(teacher)][2][UTT] MSE = 2.4768 | LCC = 0.5757 | SRCC = 0.5370 | [SYS][ MSE = 2.0722 | LCC = 0.9507 | SRCC = 0.9091 ]
```

```
[Valid(teacher)][2][UTT] GML = 0.000000 | AML = 0.134076 | MoV = 0.294149 | VoV = 0.012784 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003659 | VoV = 0.000015 ]
```

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

```
Average loss=0.4085444808062866
```

```
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.70 step/s]
```

```
[Valid(teacher)][3][UTT] MSE = 2.7338 | LCC = 0.5803 | SRCC = 0.5406 | [SYS][ MSE = 2.3412 | LCC = 0.9539 | SRCC = 0.9097 ]
```

```
[Valid(teacher)][3][UTT] GML = 0.000000 | AML = 0.112775 | MoV = 0.288538 | VoV = 0.011898 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003579 | VoV = 0.000014 ]
```

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

```
Average loss=0.3726414442062378
```

```
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.65 step/s]
```

```
[Valid(teacher)][4][UTT] MSE = 2.5985 | LCC = 0.5774 | SRCC = 0.5376 | [SYS][ MSE = 2.2031 | LCC = 0.9541 | SRCC = 0.9022 ]
```

```
[Valid(teacher)][4][UTT] GML = 0.000000 | AML = 0.125159 | MoV = 0.303543 | VoV = 0.011668 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003759 | VoV = 0.000015 ]
```

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

```
Average loss=0.3476197123527527
```

```
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.83 step/s]
```

```
[Valid(teacher)][5][UTT] MSE = 2.4504 | LCC = 0.5832 | SRCC = 0.5427 | [SYS][ MSE = 2.0495 | LCC = 0.9575 | SRCC = 0.9104 ]
```

```
[Valid(teacher)][5][UTT] GML = 0.002994 | AML = 0.136764 | MoV = 0.313182 | VoV = 0.011018 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003843 | VoV = 0.000015 ]
```

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

```
Average loss=0.3272274434566498
```

```
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.38 step/s]
```

```
[Valid(teacher)][6][UTT] MSE = 2.2031 | LCC = 0.5879 | SRCC = 0.5464 | [SYS][ MSE = 1.7945 | LCC = 0.9597 | SRCC = 0.9179 ]
```

```
[Valid(teacher)][6][UTT] GML = 0.009276 | AML = 0.159696 | MoV = 0.325473 | VoV = 0.009938 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003953 | VoV = 0.000014 ]
```

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

```
Average loss=0.30567240715026855
```

```
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.29 step/s]
```

```
[Valid(teacher)][7][UTT] MSE = 1.9613 | LCC = 0.5949 | SRCC = 0.5528 | [SYS][ MSE = 1.5497 | LCC = 0.9645 | SRCC = 0.9193 ]
```

```
[Valid(teacher)][7][UTT] GML = 0.022130 | AML = 0.185356 | MoV = 0.336531 | VoV = 0.008449 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004038 | VoV = 0.000014 ]
```

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

```
Average loss=0.2887518107891083
```

```
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.16 step/s]
```

```
[Valid(teacher)][8][UTT] MSE = 1.8201 | LCC = 0.5972 | SRCC = 0.5558 | [SYS][ MSE = 1.4094 | LCC = 0.9667 | SRCC = 0.9248 ]
```

```
[Valid(teacher)][8][UTT] GML = 0.034433 | AML = 0.202492 | MoV = 0.339079 | VoV = 0.006913 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004031 | VoV = 0.000013 ]
```

```
Train: 100% 845/845 [03:24<00:00, 4.15 step/s]
```

```
Average loss=0.26834484934806824
```

```
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.85 step/s]
```

```
[Valid(teacher)][9][UTT] MSE = 1.6896 | LCC = 0.5999 | SRCC = 0.5604 | [SYS][ MSE = 1.2843 | LCC = 0.9684 | SRCC = 0.9262 ]
```

```
[Valid(teacher)][9][UTT] GML = 0.049197 | AML = 0.220160 | MoV = 0.343826 | VoV = 0.005765 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004065 | VoV = 0.000012 ]
```

```
Train: 100% 845/845 [03:24<00:00, 4.12 step/s]
```

```
Average loss=0.24348098039627075
```

```
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.44 step/s]
```

```
[Valid(teacher)][10][UTT] MSE = 1.7701 | LCC = 0.5998 | SRCC = 0.5623 | [SYS][ MSE = 1.3848 | LCC = 0.9670 | SRCC = 0.9323 ]
```

```
[Valid(teacher)][10][UTT] GML = 0.043405 | AML = 0.211189 | MoV = 0.335554 | VoV = 0.005212 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003983 | VoV = 0.000012 ]
```

```
Train: 100% 845/845 [03:23<00:00, 4.14 step/s]
```

```
Average loss=0.22513973712921143
```

```
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.96 step/s]
```

```
[Valid(teacher)][11][UTT] MSE = 1.8738 | LCC = 0.5954 | SRCC = 0.5605 | [SYS][ MSE = 1.5088 | LCC = 0.9665 | SRCC = 0.9275 ]
```

```
[Valid(teacher)][11][UTT] GML = 0.035541 | AML = 0.200595 | Mo
```

Average loss=0.05178710073232651
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.25 step/s]

[Valid(teacher)][20][UTT][MSE = 1.3759 | LCC = 0.5974 | SRCC = 0.5754 | [SYS][MSE = 1.0089 | LCC = 0.9652 | SRCC = 0.9282]
[Valid(teacher)][20][UTT][GML = 0.076726 | AML = 0.269087 | MoV = 0.307265 | VoV = 0.002144 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003586 | VoV = 0.000008]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=0.03279672563876019
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.59 step/s]

[Valid(teacher)][21][UTT][MSE = 1.3693 | LCC = 0.5960 | SRCC = 0.5748 | [SYS][MSE = 0.9969 | LCC = 0.9667 | SRCC = 0.9282]
[Valid(teacher)][21][UTT][GML = 0.075530 | AML = 0.270209 | MoV = 0.302848 | VoV = 0.002157 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003539 | VoV = 0.000008]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=0.010483291000127792
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.57 step/s]

[Valid(teacher)][22][UTT][MSE = 1.4448 | LCC = 0.5912 | SRCC = 0.5712 | [SYS][MSE = 1.0764 | LCC = 0.9657 | SRCC = 0.9221]
[Valid(teacher)][22][UTT][GML = 0.063374 | AML = 0.259569 | MoV = 0.294626 | VoV = 0.002005 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003451 | VoV = 0.000008]
Train: 100% 845/845 [03:23<00:00, 4.14 step/s]
Average loss=-0.012781478464603424
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.62 step/s]

[Valid(teacher)][23][UTT][MSE = 1.4735 | LCC = 0.5906 | SRCC = 0.5707 | [SYS][MSE = 1.1076 | LCC = 0.9667 | SRCC = 0.9166]
[Valid(teacher)][23][UTT][GML = 0.058276 | AML = 0.255248 | MoV = 0.289629 | VoV = 0.001978 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003396 | VoV = 0.000007]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.0312668801563263
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.21 step/s]

[Valid(teacher)][24][UTT][MSE = 1.4717 | LCC = 0.5874 | SRCC = 0.5711 | [SYS][MSE = 1.1081 | LCC = 0.9666 | SRCC = 0.9214]
[Valid(teacher)][24][UTT][GML = 0.057650 | AML = 0.256449 | MoV = 0.287146 | VoV = 0.001972 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003379 | VoV = 0.000008]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.04679384082555771
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.93 step/s]

[Valid(teacher)][25][UTT][MSE = 1.4284 | LCC = 0.5800 | SRCC = 0.5719 | [SYS][MSE = 1.0561 | LCC = 0.9676 | SRCC = 0.9200]
[Valid(teacher)][25][UTT][GML = 0.059513 | AML = 0.262183 | MoV = 0.282261 | VoV = 0.001953 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003322 | VoV = 0.000007]
Train: 100% 845/845 [03:23<00:00, 4.14 step/s]
Average loss=-0.06669025868177414
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.13 step/s]

[Valid(teacher)][26][UTT][MSE = 1.2055 | LCC = 0.5958 | SRCC = 0.5785 | [SYS][MSE = 0.8073 | LCC = 0.9720 | SRCC = 0.9214]
[Valid(teacher)][26][UTT][GML = 0.090387 | AML = 0.295790 | MoV = 0.280562 | VoV = 0.001993 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003379 | VoV = 0.000007]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.08594771474599838
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.11 step/s]

[Valid(teacher)][27][UTT][MSE = 1.2141 | LCC = 0.5928 | SRCC = 0.5760 | [SYS][MSE = 0.8123 | LCC = 0.9705 | SRCC = 0.9214]
[Valid(teacher)][27][UTT][GML = 0.086332 | AML = 0.294875 | MoV = 0.284010 | VoV = 0.001946 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003325 | VoV = 0.000007]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.10054177798880203
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.63 step/s]

[Valid(teacher)][28][UTT][MSE = 1.2273 | LCC = 0.5914 | SRCC = 0.5759 | [SYS][MSE = 0.8237 | LCC = 0.9717 | SRCC = 0.9296]
[Valid(teacher)][28][UTT][GML = 0.082062 | AML = 0.292718 | MoV = 0.279419 | VoV = 0.001851 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003268 | VoV = 0.000007]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.12034307420253754
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.80 step/s]

[Valid(teacher)][29][UTT][MSE = 1.1572 | LCC = 0.5941 | SRCC = 0.5771 | [SYS][MSE = 0.7449 | LCC = 0.9729 | SRCC = 0.9296]
[Valid(teacher)][29][UTT][GML = 0.090522 | AML = 0.304532 | MoV = 0.276139 | VoV = 0.001985 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003230 | VoV = 0.000007]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.13265886902809143
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.53 step/s]

[Valid(teacher)][30][UTT][MSE = 1.0281 | LCC = 0.6002 | SRCC = 0.5798 | [SYS][MSE = 0.6023 | LCC = 0.9752 | SRCC = 0.9330]
[Valid(teacher)][30][UTT][GML = 0.114690 | AML = 0.327953 | MoV = 0.278072 | VoV = 0.001982 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003236 | VoV = 0.000006]
Train: 100% 845/845 [03:23<00:00, 4.14 step/s]
Average loss=-0.1547912952041187
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.64 step/s]

[Valid(teacher)][31][UTT][MSE = 1.0097 | LCC = 0.6014 | SRCC = 0.5804 | [SYS][MSE = 0.5855 | LCC = 0.9753 | SRCC = 0.9268]
[Valid(teacher)][31][UTT][GML = 0.115859 | AML = 0.331083 | MoV = 0.273199 | VoV = 0.001866 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003184 | VoV = 0.000006]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.1671377569437027
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.35 step/s]

[Valid(teacher)][32][UTT][MSE = 1.0625 | LCC = 0.5967 | SRCC = 0.5774 | [SYS][MSE = 0.6409 | LCC = 0.9737 | SRCC = 0.9296]
[Valid(teacher)][32][UTT][GML = 0.103000 | AML = 0.321635 | MoV = 0.269171 | VoV = 0.001781 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003144 | VoV = 0.000006]
Train: 100% 845/845 [03:23<00:00, 4.14 step/s]
Average loss=-0.1878940612077713
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.03 step/s]

[Valid(teacher)][33][UTT][MSE = 0.9541 | LCC = 0.6026 | SRCC = 0.5810 | [SYS][MSE = 0.5205 | LCC = 0.9755 | SRCC = 0.9344]
[Valid(teacher)][33][UTT][GML = 0.125431 | AML = 0.342595 | MoV = 0.269523 | VoV = 0.001817 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003137 | VoV = 0.000006]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.2015427790327606
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.43 step/s]

[Valid(teacher)][34][UTT][MSE = 0.9329 | LCC = 0.6026 | SRCC = 0.5796 | [SYS][MSE = 0.4940 | LCC = 0.9763 | SRCC = 0.9364]
[Valid(teacher)][34][UTT][GML = 0.129120 | AML = 0.347021 | MoV = 0.267903 | VoV = 0.001854 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003118 | VoV = 0.000006]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.22451788187026978
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.45 step/s]

[Valid(teacher)][35][UTT][MSE = 0.9723 | LCC = 0.6008 | SRCC = 0.5794 | [SYS][MSE = 0.5362 | LCC = 0.9773 | SRCC = 0.9378]
[Valid(teacher)][35][UTT][GML = 0.115817 | AML = 0.340026 | MoV = 0.261203 | VoV = 0.001753 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003047 | VoV = 0.000006]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.23523105680942535
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.09 step/s]

[Valid(teacher)][36][UTT][MSE = 0.8945 | LCC = 0.6078 | SRCC = 0.5850 | [SYS][MSE = 0.4509 | LCC = 0.9794 | SRCC = 0.9398]
[Valid(teacher)][36][UTT][GML = 0.134128 | AML = 0.355959 | MoV = 0.261259 | VoV = 0.001744 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003040 | VoV = 0.000006]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.25445592403411865
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.66 step/s]

[Valid(teacher)][37][UTT][MSE = 0.8737 | LCC = 0.6089 | SRCC = 0.5858 | [SYS][MSE = 0.4291 | LCC = 0.9801 | SRCC = 0.9405]
[Valid(teacher)][37][UTT][GML = 0.137850 | AML = 0.360563 | MoV = 0.258703 | VoV = 0.001718 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003014 | VoV = 0.000006]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.2690275013446808
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.23 step/s]

[Valid(teacher)][38][UTT][MSE = 0.8877 | LCC = 0.6077 | SRCC = 0.5848 | [SYS][MSE = 0.4404 | LCC = 0.9806 | SRCC = 0.9398]
[Valid(teacher)][38][UTT][GML = 0.129821 | AML = 0.357516 | MoV = 0.253725 | VoV = 0.001779 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.002961 | VoV = 0.000005]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.2842501997947693
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.43 step/s]

[Valid(teacher)][39][UTT][MSE = 0.8830 | LCC = 0.6083 | SRCC = 0.5853 | [SYS][MSE = 0.4359 | LCC = 0.9807 | SRCC = 0.9412]
[Valid(teacher)][39][UTT][GML = 0.129897 | AML = 0.359048 | MoV = 0.250128 | VoV = 0.001665 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.002917 | VoV = 0.000005]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.30157265067100525
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.76 step/s]

[Valid(teacher)][40][UTT][MSE = 0.8216 | LCC = 0.6106 | SRCC = 0.5856 | [SYS][MSE = 0.3676 | LCC = 0.9822 | SRCC = 0.9453]
[Valid(teacher)][40][UTT][GML = 0.145603 | AML = 0.373916 | MoV = 0.249306 | VoV = 0.001562 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.002889 | VoV = 0.000005]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.31796520948410034
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.01 step/s]

[Valid(teacher)][41][UTT][MSE = 0.7653 | LCC = 0.6134 | SRCC = 0.5872 | [SYS][MSE = 0.3116 | LCC = 0.9838 | SRCC = 0.9446]
[Valid(teacher)][41][UTT][GML = 0.162855 | AML = 0.387233 | MoV = 0.248610 | VoV = 0.001528 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.002872 | VoV = 0.000005]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.3314247131347656
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.18 step/s]

[Valid(teacher)][42][UTT][MSE = 0.7818 | LCC = 0.6118 | SRCC = 0.5856 | [SYS][MSE = 0.3261 | LCC = 0.9831 | SRCC = 0.9453]
[Valid(teacher)][42][UTT][GML = 0.154536 | AML = 0.383687 | MoV = 0.245220 | VoV = 0.001560 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.002838 | VoV = 0.000005]
Train: 100% 845/845 [03:23<00:00, 4.14 step/s]
Average loss=-0.33936429023742676
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.72 step/s]

[Valid(teacher)][43][UTT][MSE = 0.8022 | LCC = 0.6119 | SRCC = 0.5872 | [SYS][MSE = 0.3502 | LCC = 0.9827 | SRCC = 0.9487]
[Valid(teacher)][43][UTT][GML = 0.145192 | AML = 0.379736 | MoV = 0.244092 | VoV = 0.001483 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.002797 | VoV = 0.000005]

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Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.3571767210960388
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.09 step/s]

[Valid(teacher)][44][UTT][ MSE = 0.7471 | LCC = 0.6161 | SRCC = 0.5904 | [SYS][ MSE = 0.2940 | LCC = 0.9831 | SRCC = 0.9480 |
[Valid(teacher)][44][UTT][ GML = 0.161546 | AML = 0.392316 | MoV = 0.239568 | VoV = 0.001498 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002777 | VoV = 0.000005 |
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.3664286136627197
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.36 step/s]

[Valid(teacher)][45][UTT][ MSE = 0.7279 | LCC = 0.6155 | SRCC = 0.5893 | [SYS][ MSE = 0.2724 | LCC = 0.9830 | SRCC = 0.9439 |
[Valid(teacher)][45][UTT][ GML = 0.166638 | AML = 0.397624 | MoV = 0.237020 | VoV = 0.001396 | [SYS][ GML = 0.000000 | AML = 0.000002 | MoV = 0.002744 | VoV = 0.000004 |
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.3784586787223816
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.32 step/s]

[Valid(teacher)][46][UTT][ MSE = 0.7045 | LCC = 0.6193 | SRCC = 0.5929 | [SYS][ MSE = 0.2496 | LCC = 0.9848 | SRCC = 0.9432 |
[Valid(teacher)][46][UTT][ GML = 0.171914 | AML = 0.404029 | MoV = 0.233531 | VoV = 0.001464 | [SYS][ GML = 0.000000 | AML = 0.000003 | MoV = 0.002707 | VoV = 0.000004 |
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.39463791251182556
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.94 step/s]

[Valid(teacher)][47][UTT][ MSE = 0.7341 | LCC = 0.6174 | SRCC = 0.5916 | [SYS][ MSE = 0.2801 | LCC = 0.9848 | SRCC = 0.9419 |
[Valid(teacher)][47][UTT][ GML = 0.156460 | AML = 0.397561 | MoV = 0.227776 | VoV = 0.001389 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002652 | VoV = 0.000004 |
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.40422847867012024
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.31 step/s]

[Valid(teacher)][48][UTT][ MSE = 0.7028 | LCC = 0.6197 | SRCC = 0.5932 | [SYS][ MSE = 0.2501 | LCC = 0.9855 | SRCC = 0.9515 |
[Valid(teacher)][48][UTT][ GML = 0.169524 | AML = 0.405575 | MoV = 0.229051 | VoV = 0.001316 | [SYS][ GML = 0.000000 | AML = 0.000003 | MoV = 0.002663 | VoV = 0.000004 |
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.40766793489456177
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.36 step/s]

[Valid(teacher)][49][UTT][ MSE = 0.6619 | LCC = 0.6237 | SRCC = 0.5967 | [SYS][ MSE = 0.2105 | LCC = 0.9867 | SRCC = 0.9610 |
[Valid(teacher)][49][UTT][ GML = 0.186247 | AML = 0.416534 | MoV = 0.228942 | VoV = 0.001260 | [SYS][ GML = 0.000000 | AML = 0.000031 | MoV = 0.002650 | VoV = 0.000004 |
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.3961474895477295
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.79 step/s]

[Valid(teacher)][50][UTT][ MSE = 0.6633 | LCC = 0.6237 | SRCC = 0.5966 | [SYS][ MSE = 0.2095 | LCC = 0.9871 | SRCC = 0.9590 |
[Valid(teacher)][50][UTT][ GML = 0.181427 | AML = 0.416630 | MoV = 0.224642 | VoV = 0.001251 | [SYS][ GML = 0.000000 | AML = 0.000012 | MoV = 0.002601 | VoV = 0.000004 |
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.44793984293937683
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.16 step/s]

[Valid(teacher)][51][UTT][ MSE = 0.6371 | LCC = 0.6231 | SRCC = 0.5951 | [SYS][ MSE = 0.1794 | LCC = 0.9869 | SRCC = 0.9528 |
[Valid(teacher)][51][UTT][ GML = 0.192202 | AML = 0.424157 | MoV = 0.224246 | VoV = 0.001236 | [SYS][ GML = 0.000000 | AML = 0.000169 | MoV = 0.002589 | VoV = 0.000004 |
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.4629516005516052
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.10 step/s]

[Valid(teacher)][52][UTT][ MSE = 0.6417 | LCC = 0.6234 | SRCC = 0.5961 | [SYS][ MSE = 0.1861 | LCC = 0.9870 | SRCC = 0.9624 |
[Valid(teacher)][52][UTT][ GML = 0.187926 | AML = 0.423149 | MoV = 0.221402 | VoV = 0.001215 | [SYS][ GML = 0.000000 | AML = 0.000190 | MoV = 0.002557 | VoV = 0.000004 |
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.47233033180236816
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.67 step/s]

[Valid(teacher)][53][UTT][ MSE = 0.6420 | LCC = 0.6229 | SRCC = 0.5957 | [SYS][ MSE = 0.1872 | LCC = 0.9866 | SRCC = 0.9562 |
[Valid(teacher)][53][UTT][ GML = 0.187372 | AML = 0.423217 | MoV = 0.220627 | VoV = 0.001213 | [SYS][ GML = 0.000000 | AML = 0.000143 | MoV = 0.002546 | VoV = 0.000004 |
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.4923279583454132
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.61 step/s]

[Valid(teacher)][54][UTT][ MSE = 0.6486 | LCC = 0.6236 | SRCC = 0.5972 | [SYS][ MSE = 0.1947 | LCC = 0.9863 | SRCC = 0.9603 |
[Valid(teacher)][54][UTT][ GML = 0.181035 | AML = 0.422251 | MoV = 0.216650 | VoV = 0.001164 | [SYS][ GML = 0.000000 | AML = 0.000167 | MoV = 0.002503 | VoV = 0.000004 |
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.4938240349292755
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.78 step/s]

[Valid(teacher)][55][UTT][ MSE = 0.5999 | LCC = 0.6276 | SRCC = 0.6001 | [SYS][ MSE = 0.1460 | LCC = 0.9870 | SRCC = 0.9699 |
[Valid(teacher)][55][UTT][ GML = 0.203575 | AML = 0.436636 | MoV = 0.216046 | VoV = 0.001115 | [SYS][ GML = 0.000000 | AML = 0.004704 | MoV = 0.002484 | VoV = 0.000004 |
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.5105464458465576
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.91 step/s]

[Valid(teacher)][56][UTT][ MSE = 0.6201 | LCC = 0.6244 | SRCC = 0.5968 | [SYS][ MSE = 0.1658 | LCC = 0.9868 | SRCC = 0.9624 |
[Valid(teacher)][56][UTT][ GML = 0.190770 | AML = 0.431576 | MoV = 0.212590 | VoV = 0.001094 | [SYS][ GML = 0.000000 | AML = 0.000717 | MoV = 0.002451 | VoV = 0.000004 |
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.5222981572151184
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.00 step/s]

[Valid(teacher)][57][UTT][ MSE = 0.6052 | LCC = 0.6238 | SRCC = 0.5958 | [SYS][ MSE = 0.1491 | LCC = 0.9865 | SRCC = 0.9617 |
[Valid(teacher)][57][UTT][ GML = 0.197240 | AML = 0.435999 | MoV = 0.211846 | VoV = 0.001068 | [SYS][ GML = 0.000000 | AML = 0.005401 | MoV = 0.002442 | VoV = 0.000003 |
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]
Average loss=-0.5349151492118835
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.22 step/s]

[Valid(teacher)][58][UTT][ MSE = 0.6248 | LCC = 0.6241 | SRCC = 0.5965 | [SYS][ MSE = 0.1685 | LCC = 0.9867 | SRCC = 0.9556 |
[Valid(teacher)][58][UTT][ GML = 0.185040 | AML = 0.430931 | MoV = 0.208019 | VoV = 0.001012 | [SYS][ GML = 0.000000 | AML = 0.001638 | MoV = 0.002403 | VoV = 0.000003 |
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.5417710542678833
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.01 step/s]

[Valid(teacher)][59][UTT][ MSE = 0.6362 | LCC = 0.6228 | SRCC = 0.5960 | [SYS][ MSE = 0.1798 | LCC = 0.9870 | SRCC = 0.9651 |
[Valid(teacher)][59][UTT][ GML = 0.176209 | AML = 0.427871 | MoV = 0.205734 | VoV = 0.001078 | [SYS][ GML = 0.000000 | AML = 0.000934 | MoV = 0.002389 | VoV = 0.000004 |
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.5057784914970398
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.13 step/s]

[Valid(teacher)][60][UTT][ MSE = 0.6729 | LCC = 0.6188 | SRCC = 0.5929 | [SYS][ MSE = 0.2181 | LCC = 0.9867 | SRCC = 0.9665 |
[Valid(teacher)][60][UTT][ GML = 0.157212 | AML = 0.417532 | MoV = 0.202394 | VoV = 0.001099 | [SYS][ GML = 0.000000 | AML = 0.000070 | MoV = 0.002359 | 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, 195.75 step/s]

[Test(best)][61][UTT][ MSE = 0.5835 | LCC = 0.6387 | SRCC = 0.6039 | [SYS][ MSE = 0.1431 | LCC = 0.9834 | SRCC = 0.9679 |
[Test(best)][61][UTT][ GML = 0.211303 | AML = 0.448989 | MoV = 0.216228 | VoV = 0.001163 | [SYS][ GML = 0.000000 | AML = 0.008982 | MoV = 0.001804 | VoV = 0.000002 |
Test(last): 100% 4000/4000 [00:19<00:00, 202.04 step/s]

[Test(last)][61][UTT][ MSE = 0.6512 | LCC = 0.6316 | SRCC = 0.5969 | [SYS][ MSE = 0.2121 | LCC = 0.9817 | SRCC = 0.9672 |
[Test(last)][61][UTT][ GML = 0.166183 | AML = 0.431763 | MoV = 0.202582 | VoV = 0.001144 | [SYS][ GML = 0.000000 | AML = 0.000139 | MoV = 0.001708 | VoV = 0.000002 |
(lxygpu) [x_xlian@node018 ProMOSNet]$ client_loop: send disconnect: Broken pipe
lxy@Hope-Liang-NBA ProMOSNet
```