

```
xlypu [x_xlian@node053 ProMOSNet]$ python train.py --lamb_c=0.5 --lamb_t=1 --save_path "runs/c5e-1-t1-run1"
```

```
100%|██████████████████████████████████████████████████████████████████████████| 54040/54040 [07:52<00:00, 114.28it/s]
Loading all wav files.
```

```
/proj/jhorse_2021/users/x_xlian/ProMOSNet/ProMOSNet/dataset.py:55: SettingWithCopyWarning:
```

A value is trying to be set on a copy of a slice from a DataFrame

```
See the caveats in the documentation: https://pandas.pydata.org/pandas-docs/stable/user_guide/indexing.html#returning-a-view-versus-a-copy
```

```
self.scores['JUDGE'][ii] = self.idtable[judge_i]
```

Loading all wav files.

```
100%|██████████████████████████████████████████████████████████████████████████| 3000/3000 [01:45<00:00, 28.46it/s]
```

```
/proj/jhorse_2021/users/x_xlian/ProMOSNet/ProMOSNet/dataset.py:55: SettingWithCopyWarning:
```

A value is trying to be set on a copy of a slice from a DataFrame

```
See the caveats in the documentation: https://pandas.pydata.org/pandas-docs/stable/user_guide/indexing.html#returning-a-view-versus-a-copy
```

```
self.scores['JUDGE'][ii] = self.idtable[judge_i]
```

Loading all wav files.

```
100%|██████████████████████████████████████████████████████████████████████████| 4000/4000 [02:21<00:00, 28.34it/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=0.9375  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.76 step/s][Valid(teacher)][0][UTT][ MSE = 3.3480 | LCC = 0.4625 | SRCC = 0.4467 ] [SYS][ MSE = 3.2240 | LCC = 0.7689 | SRCC = 0.8038 ]  
[Valid(teacher)][0][UTT][ GML = 0.006093 | AML = 0.104561 | MoV = 0.404287 | VoV = 0.015856 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004751 | VoV = 0.000020 ]  
Train: 100% 845/845 [03:22<00:00, 4.17 step/s]  
Average loss=0.6079797148704529  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.47 step/s][Valid(teacher)][1][UTT][ MSE = 1.9649 | LCC = 0.5652 | SRCC = 0.5298 ] [SYS][ MSE = 1.5872 | LCC = 0.9031 | SRCC = 0.8585 ]  
[Valid(teacher)][1][UTT][ GML = 0.023203 | AML = 0.188404 | MoV = 0.411861 | VoV = 0.020558 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.005063 | VoV = 0.000027 ]  
Train: 100% 845/845 [03:22<00:00, 4.17 step/s]  
Average loss=0.5027105212211609  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.65 step/s][Valid(teacher)][2][UTT][ MSE = 1.0159 | LCC = 0.5965 | SRCC = 0.5526 ] [SYS][ MSE = 0.5822 | LCC = 0.9324 | SRCC = 0.8653 ]  
[Valid(teacher)][2][UTT][ GML = 0.157747 | AML = 0.306750 | MoV = 0.467377 | VoV = 0.013209 ] [SYS][ GML = 0.000000 | AML = 0.003220 | MoV = 0.005538 | VoV = 0.000024 ]  
Train: 100% 845/845 [03:23<00:00, 4.14 step/s]  
Average loss=0.441471666097641  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.66 step/s][Valid(teacher)][3][UTT][ MSE = 1.2956 | LCC = 0.6068 | SRCC = 0.5628 ] [SYS][ MSE = 0.9009 | LCC = 0.9473 | SRCC = 0.8954 ]  
[Valid(teacher)][3][UTT][ GML = 0.104195 | AML = 0.266551 | MoV = 0.421728 | VoV = 0.011142 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.005023 | VoV = 0.000020 ]  
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]  
Average loss=0.40561965107917786  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.62 step/s][Valid(teacher)][4][UTT][ MSE = 1.7714 | LCC = 0.6137 | SRCC = 0.5695 ] [SYS][ MSE = 1.4180 | LCC = 0.9603 | SRCC = 0.9118 ]  
[Valid(teacher)][4][UTT][ GML = 0.043214 | AML = 0.203868 | MoV = 0.372798 | VoV = 0.010723 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004541 | VoV = 0.000019 ]  
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]  
Average loss=0.37574076652526855  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.15 step/s][Valid(teacher)][5][UTT][ MSE = 1.7966 | LCC = 0.6158 | SRCC = 0.5716 ] [SYS][ MSE = 1.4467 | LCC = 0.9629 | SRCC = 0.9193 ]  
[Valid(teacher)][5][UTT][ GML = 0.041807 | AML = 0.201045 | MoV = 0.370747 | VoV = 0.010378 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004513 | VoV = 0.000018 ]  
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]  
Average loss=0.3491440415382385  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.09 step/s][Valid(teacher)][6][UTT][ MSE = 1.7674 | LCC = 0.6195 | SRCC = 0.5760 ] [SYS][ MSE = 1.4182 | LCC = 0.9675 | SRCC = 0.9200 ]  
[Valid(teacher)][6][UTT][ GML = 0.046802 | AML = 0.205922 | MoV = 0.368737 | VoV = 0.009472 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004481 | VoV = 0.000018 ]  
Train: 100% 845/845 [03:24<00:00, 4.19 step/s]  
Average loss=0.3245656490325928  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.15 step/s][Valid(teacher)][7][UTT][ MSE = 1.6817 | LCC = 0.6192 | SRCC = 0.5768 ] [SYS][ MSE = 1.3283 | LCC = 0.9709 | SRCC = 0.9227 ]  
[Valid(teacher)][7][UTT][ GML = 0.058499 | AML = 0.219723 | MoV = 0.370875 | VoV = 0.008276 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004477 | VoV = 0.000017 ]  
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]  
Average loss=0.30231544375419617  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.07 step/s][Valid(teacher)][8][UTT][ MSE = 1.6333 | LCC = 0.6187 | SRCC = 0.5778 ] [SYS][ MSE = 1.2766 | LCC = 0.9716 | SRCC = 0.9200 ]  
[Valid(teacher)][8][UTT][ GML = 0.066990 | AML = 0.228060 | MoV = 0.373781 | VoV = 0.007220 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004476 | VoV = 0.000016 ]  
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]  
Average loss=0.27776554226875305  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.10 step/s][Valid(teacher)][9][UTT][ MSE = 1.5981 | LCC = 0.6155 | SRCC = 0.5761 ] [SYS][ MSE = 1.2419 | LCC = 0.9721 | SRCC = 0.9282 ]  
[Valid(teacher)][9][UTT][ GML = 0.073597 | AML = 0.235577 | MoV = 0.374482 | VoV = 0.006079 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004454 | VoV = 0.000015 ]  
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]  
Average loss=0.2551410496234894  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.62 step/s][Valid(teacher)][10][UTT][ MSE = 1.7880 | LCC = 0.6127 | SRCC = 0.5754 ] [SYS][ MSE = 1.4474 | LCC = 0.9732 | SRCC = 0.9268 ]  
[Valid(teacher)][10][UTT][ GML = 0.053880 | AML = 0.214262 | MoV = 0.359662 | VoV = 0.005458 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004297 | VoV = 0.000014 ]  
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]  
Average loss=0.227770820600479  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.74 step/s][Valid(teacher)][11][UTT][ MSE = 1.8647 | LCC = 0.6066 | SRCC

Average loss=0.04123180732131004  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.78 step/s]

[Valid(teacher)][20][UTT][ MSE = 2.1709 | LCC = 0.5740 | SRCC = 0.5533 | [SYS][ MSE = 1.8203 | LCC = 0.9502 | SRCC = 0.9063 ]  
[Valid(teacher)][20][UTT][ GML = 0.020627 | AML = 0.176303 | MoV = 0.304510 | VoV = 0.003334 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003644 | VoV = 0.000010 ]  
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]  
Average loss=0.02155291475355625  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.35 step/s]

[Valid(teacher)][21][UTT][ MSE = 2.1738 | LCC = 0.5715 | SRCC = 0.5533 | [SYS][ MSE = 1.8206 | LCC = 0.9480 | SRCC = 0.9063 ]  
[Valid(teacher)][21][UTT][ GML = 0.019268 | AML = 0.176046 | MoV = 0.298959 | VoV = 0.003397 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003584 | VoV = 0.000010 ]  
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]  
Average loss=0.003801679937168956  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.36 step/s]

[Valid(teacher)][22][UTT][ MSE = 2.1732 | LCC = 0.5696 | SRCC = 0.5528 | [SYS][ MSE = 1.8113 | LCC = 0.9453 | SRCC = 0.9063 ]  
[Valid(teacher)][22][UTT][ GML = 0.018259 | AML = 0.175589 | MoV = 0.295578 | VoV = 0.003686 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003553 | VoV = 0.000010 ]  
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]  
Average loss=-0.018041588366031647  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.59 step/s]

[Valid(teacher)][23][UTT][ MSE = 2.1030 | LCC = 0.5669 | SRCC = 0.5513 | [SYS][ MSE = 1.7182 | LCC = 0.9442 | SRCC = 0.9070 ]  
[Valid(teacher)][23][UTT][ GML = 0.019657 | AML = 0.182152 | MoV = 0.293074 | VoV = 0.003620 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003515 | VoV = 0.000010 ]  
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]  
Average loss=-0.036619190126657486  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.80 step/s]

[Valid(teacher)][24][UTT][ MSE = 2.0040 | LCC = 0.5660 | SRCC = 0.5515 | [SYS][ MSE = 1.5996 | LCC = 0.9449 | SRCC = 0.9063 ]  
[Valid(teacher)][24][UTT][ GML = 0.021784 | AML = 0.191868 | MoV = 0.289235 | VoV = 0.003708 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003468 | VoV = 0.000009 ]  
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]  
Average loss=-0.056697167456150055  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.47 step/s]

[Valid(teacher)][25][UTT][ MSE = 1.9977 | LCC = 0.5683 | SRCC = 0.5537 | [SYS][ MSE = 1.5877 | LCC = 0.9465 | SRCC = 0.9063 ]  
[Valid(teacher)][25][UTT][ GML = 0.020912 | AML = 0.191167 | MoV = 0.285958 | VoV = 0.003689 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003425 | VoV = 0.000009 ]  
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]  
Average loss=-0.07572096586227417  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.09 step/s]

[Valid(teacher)][26][UTT][ MSE = 2.0961 | LCC = 0.5630 | SRCC = 0.5497 | [SYS][ MSE = 1.6915 | LCC = 0.9441 | SRCC = 0.9063 ]  
[Valid(teacher)][26][UTT][ GML = 0.016514 | AML = 0.180924 | MoV = 0.280430 | VoV = 0.003409 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003364 | VoV = 0.000009 ]  
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]  
Average loss=-0.10238262265920639  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.41 step/s]

[Valid(teacher)][27][UTT][ MSE = 2.1187 | LCC = 0.5580 | SRCC = 0.5445 | [SYS][ MSE = 1.7089 | LCC = 0.9436 | SRCC = 0.9043 ]  
[Valid(teacher)][27][UTT][ GML = 0.013155 | AML = 0.176694 | MoV = 0.267882 | VoV = 0.003370 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003226 | VoV = 0.000008 ]  
Train: 100% 845/845 [03:23<00:00, 4.14 step/s]  
Average loss=-0.11851045489311218  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.17 step/s]

[Valid(teacher)][28][UTT][ MSE = 1.9589 | LCC = 0.5628 | SRCC = 0.5472 | [SYS][ MSE = 1.5308 | LCC = 0.9470 | SRCC = 0.9111 ]  
[Valid(teacher)][28][UTT][ GML = 0.017298 | AML = 0.195583 | MoV = 0.267613 | VoV = 0.003411 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003214 | VoV = 0.000008 ]  
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]  
Average loss=-0.13785409927368164  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.50 step/s]

[Valid(teacher)][29][UTT][ MSE = 1.7610 | LCC = 0.5707 | SRCC = 0.5527 | [SYS][ MSE = 1.3132 | LCC = 0.9523 | SRCC = 0.9111 ]  
[Valid(teacher)][29][UTT][ GML = 0.024388 | AML = 0.218514 | MoV = 0.268001 | VoV = 0.003589 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003201 | VoV = 0.000008 ]  
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]  
Average loss=-0.1421266794204712  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.10 step/s]

[Valid(teacher)][30][UTT][ MSE = 1.7677 | LCC = 0.5701 | SRCC = 0.5516 | [SYS][ MSE = 1.3167 | LCC = 0.9526 | SRCC = 0.9091 ]  
[Valid(teacher)][30][UTT][ GML = 0.021417 | AML = 0.217424 | MoV = 0.260256 | VoV = 0.003733 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003121 | VoV = 0.000007 ]  
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]  
Average loss=-0.17812633514404297  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.51 step/s]

[Valid(teacher)][31][UTT][ MSE = 1.6148 | LCC = 0.5723 | SRCC = 0.5523 | [SYS][ MSE = 1.1509 | LCC = 0.9580 | SRCC = 0.9097 ]  
[Valid(teacher)][31][UTT][ GML = 0.028148 | AML = 0.238646 | MoV = 0.258131 | VoV = 0.003700 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003087 | VoV = 0.000007 ]  
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]  
Average loss=-0.18296414613723755  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.72 step/s]

[Valid(teacher)][32][UTT][ MSE = 1.4245 | LCC = 0.5791 | SRCC = 0.5577 | [SYS][ MSE = 0.9498 | LCC = 0.9621 | SRCC = 0.9132 ]  
[Valid(teacher)][32][UTT][ GML = 0.044194 | AML = 0.266356 | MoV = 0.264904 | VoV = 0.003608 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003142 | VoV = 0.000007 ]  
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]  
Average loss=-0.20965930819511414  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.84 step/s]

[Valid(teacher)][33][UTT][ MSE = 1.3589 | LCC = 0.5814 | SRCC = 0.5589 | [SYS][ MSE = 0.8752 | LCC = 0.9653 | SRCC = 0.9179 ]  
[Valid(teacher)][33][UTT][ GML = 0.047033 | AML = 0.276402 | MoV = 0.259801 | VoV = 0.003711 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003078 | VoV = 0.000007 ]  
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]  
Average loss=-0.23041366040706635  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.51 step/s]

[Valid(teacher)][34][UTT][ MSE = 1.2832 | LCC = 0.5839 | SRCC = 0.5595 | [SYS][ MSE = 0.7915 | LCC = 0.9678 | SRCC = 0.9207 ]  
[Valid(teacher)][34][UTT][ GML = 0.051945 | AML = 0.289021 | MoV = 0.255919 | VoV = 0.003778 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003025 | VoV = 0.000006 ]  
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]  
Average loss=-0.2398124784231186  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.73 step/s]

[Valid(teacher)][35][UTT][ MSE = 1.1721 | LCC = 0.5915 | SRCC = 0.5659 | [SYS][ MSE = 0.6766 | LCC = 0.9711 | SRCC = 0.9248 ]  
[Valid(teacher)][35][UTT][ GML = 0.067072 | AML = 0.308273 | MoV = 0.257954 | VoV = 0.003606 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003023 | VoV = 0.000006 ]  
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]  
Average loss=-0.25105202198028564  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.49 step/s]

[Valid(teacher)][36][UTT][ MSE = 1.0222 | LCC = 0.5999 | SRCC = 0.5716 | [SYS][ MSE = 0.5253 | LCC = 0.9741 | SRCC = 0.9309 ]  
[Valid(teacher)][36][UTT][ GML = 0.092612 | AML = 0.336669 | MoV = 0.259996 | VoV = 0.003612 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003023 | VoV = 0.000006 ]  
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]  
Average loss=-0.26850032806396484  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.06 step/s]

[Valid(teacher)][37][UTT][ MSE = 0.9639 | LCC = 0.6026 | SRCC = 0.5736 | [SYS][ MSE = 0.4689 | LCC = 0.9740 | SRCC = 0.9214 ]  
[Valid(teacher)][37][UTT][ GML = 0.105442 | AML = 0.347947 | MoV = 0.261604 | VoV = 0.003609 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003034 | VoV = 0.000006 ]  
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]  
Average loss=-0.2783796787261963  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.27 step/s]

[Valid(teacher)][38][UTT][ MSE = 0.9533 | LCC = 0.6032 | SRCC = 0.5740 | [SYS][ MSE = 0.4555 | LCC = 0.9758 | SRCC = 0.9330 ]  
[Valid(teacher)][38][UTT][ GML = 0.103567 | AML = 0.350937 | MoV = 0.256510 | VoV = 0.003684 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002978 | VoV = 0.000005 ]  
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]  
Average loss=-0.2943592369556427  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.23 step/s]

[Valid(teacher)][39][UTT][ MSE = 0.9834 | LCC = 0.6018 | SRCC = 0.5722 | [SYS][ MSE = 0.4893 | LCC = 0.9753 | SRCC = 0.9330 ]  
[Valid(teacher)][39][UTT][ GML = 0.094613 | AML = 0.345378 | MoV = 0.252490 | VoV = 0.003648 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002936 | VoV = 0.000005 ]  
Train: 100% 845/845 [03:23<00:00, 4.14 step/s]  
Average loss=-0.3058341443538666  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.71 step/s]

[Valid(teacher)][40][UTT][ MSE = 1.0355 | LCC = 0.5996 | SRCC = 0.5701 | [SYS][ MSE = 0.5405 | LCC = 0.9739 | SRCC = 0.9323 ]  
[Valid(teacher)][40][UTT][ GML = 0.081092 | AML = 0.335067 | MoV = 0.248778 | VoV = 0.003783 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002908 | VoV = 0.000005 ]  
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]  
Average loss=-0.3215050995349884  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.27 step/s]

[Valid(teacher)][41][UTT][ MSE = 1.0348 | LCC = 0.5974 | SRCC = 0.5686 | [SYS][ MSE = 0.5385 | LCC = 0.9740 | SRCC = 0.9282 ]  
[Valid(teacher)][41][UTT][ GML = 0.080145 | AML = 0.335445 | MoV = 0.246237 | VoV = 0.003707 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002878 | VoV = 0.000005 ]  
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]  
Average loss=-0.3411199152469635  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.51 step/s]

[Valid(teacher)][42][UTT][ MSE = 0.9217 | LCC = 0.6039 | SRCC = 0.5741 | [SYS][ MSE = 0.4188 | LCC = 0.9771 | SRCC = 0.9323 ]  
[Valid(teacher)][42][UTT][ GML = 0.101753 | AML = 0.359464 | MoV = 0.245643 | VoV = 0.003699 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002852 | VoV = 0.000005 ]  
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]  
Average loss=-0.3510904014110565  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.97 step/s]

[Valid(teacher)][43][UTT][ MSE = 0.9755 | LCC = 0.6007 | SRCC = 0.5708 | [SYS][ MSE = 0.4736 | LCC = 0.9754 | SRCC = 0.9186 ]  
[Valid(teacher)][43][UTT][ GML = 0.086946 | AML = 0.348360 | MoV = 0.242348 | VoV = 0.003778 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002828 | VoV = 0.000005 ]

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Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.3652453425463867
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.78 step/s]

[Valid(teacher)][44][UTT][ MSE = 0.8993 | LCC = 0.6052 | SRCC = 0.5742 | [SYS][ MSE = 0.3954 | LCC = 0.9768 | SRCC = 0.9303 ]
[Valid(teacher)][44][UTT][ GML = 0.103008 | AML = 0.365425 | MoV = 0.240436 | VoV = 0.003536 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002788 | VoV = 0.000005 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.3799729645252228
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.10 step/s]

[Valid(teacher)][45][UTT][ MSE = 0.9695 | LCC = 0.5991 | SRCC = 0.5696 | [SYS][ MSE = 0.4612 | LCC = 0.9737 | SRCC = 0.9138 ]
[Valid(teacher)][45][UTT][ GML = 0.085395 | AML = 0.350893 | MoV = 0.237935 | VoV = 0.003703 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002772 | VoV = 0.000005 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.38251808285713196
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.84 step/s]

[Valid(teacher)][46][UTT][ MSE = 0.9389 | LCC = 0.6015 | SRCC = 0.5705 | [SYS][ MSE = 0.4352 | LCC = 0.9740 | SRCC = 0.9234 ]
[Valid(teacher)][46][UTT][ GML = 0.091759 | AML = 0.357220 | MoV = 0.237761 | VoV = 0.003661 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002767 | VoV = 0.000005 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.40446048974990845
Valid(teacher): 100% 3000/3000 [00:14<00:00, 204.44 step/s]

[Valid(teacher)][47][UTT][ MSE = 0.8652 | LCC = 0.6057 | SRCC = 0.5741 | [SYS][ MSE = 0.3619 | LCC = 0.9763 | SRCC = 0.9303 ]
[Valid(teacher)][47][UTT][ GML = 0.112088 | AML = 0.372986 | MoV = 0.239673 | VoV = 0.003439 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002763 | VoV = 0.000005 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.42204272747039795
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.23 step/s]

[Valid(teacher)][48][UTT][ MSE = 0.8481 | LCC = 0.6054 | SRCC = 0.5735 | [SYS][ MSE = 0.3448 | LCC = 0.9772 | SRCC = 0.9337 ]
[Valid(teacher)][48][UTT][ GML = 0.112607 | AML = 0.376770 | MoV = 0.234316 | VoV = 0.003347 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002705 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.4382219612598419
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.19 step/s]

[Valid(teacher)][49][UTT][ MSE = 0.8892 | LCC = 0.6015 | SRCC = 0.5704 | [SYS][ MSE = 0.3830 | LCC = 0.9757 | SRCC = 0.9323 ]
[Valid(teacher)][49][UTT][ GML = 0.099715 | AML = 0.368945 | MoV = 0.231175 | VoV = 0.003423 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002678 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.4531984329223633
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.59 step/s]

[Valid(teacher)][50][UTT][ MSE = 0.8047 | LCC = 0.6080 | SRCC = 0.5760 | [SYS][ MSE = 0.3005 | LCC = 0.9773 | SRCC = 0.9309 ]
[Valid(teacher)][50][UTT][ GML = 0.120837 | AML = 0.368953 | MoV = 0.230024 | VoV = 0.003298 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002651 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.45537617802619934
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.46 step/s]

[Valid(teacher)][51][UTT][ MSE = 0.7190 | LCC = 0.6146 | SRCC = 0.5814 | [SYS][ MSE = 0.2181 | LCC = 0.9786 | SRCC = 0.9364 ]
[Valid(teacher)][51][UTT][ GML = 0.150684 | AML = 0.409951 | MoV = 0.232162 | VoV = 0.003228 | [SYS][ GML = 0.000000 | AML = 0.000196 | MoV = 0.002656 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.479373037815094
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.58 step/s]

[Valid(teacher)][52][UTT][ MSE = 0.7665 | LCC = 0.6097 | SRCC = 0.5763 | [SYS][ MSE = 0.2578 | LCC = 0.9775 | SRCC = 0.9350 ]
[Valid(teacher)][52][UTT][ GML = 0.129568 | AML = 0.399730 | MoV = 0.226284 | VoV = 0.003118 | [SYS][ GML = 0.000000 | AML = 0.000011 | MoV = 0.002601 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.48545366525650024
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.46 step/s]

[Valid(teacher)][53][UTT][ MSE = 0.7322 | LCC = 0.6109 | SRCC = 0.5771 | [SYS][ MSE = 0.2216 | LCC = 0.9789 | SRCC = 0.9378 ]
[Valid(teacher)][53][UTT][ GML = 0.140557 | AML = 0.408467 | MoV = 0.225284 | VoV = 0.003082 | [SYS][ GML = 0.000000 | AML = 0.000105 | MoV = 0.002581 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.5006136894226074
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.88 step/s]

[Valid(teacher)][54][UTT][ MSE = 0.6583 | LCC = 0.6186 | SRCC = 0.5845 | [SYS][ MSE = 0.1538 | LCC = 0.9813 | SRCC = 0.9364 ]
[Valid(teacher)][54][UTT][ GML = 0.170213 | AML = 0.428056 | MoV = 0.225623 | VoV = 0.002938 | [SYS][ GML = 0.000000 | AML = 0.005745 | MoV = 0.002570 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.5130984783172607
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.04 step/s]

[Valid(teacher)][55][UTT][ MSE = 0.6557 | LCC = 0.6188 | SRCC = 0.5840 | [SYS][ MSE = 0.1509 | LCC = 0.9800 | SRCC = 0.9344 ]
[Valid(teacher)][55][UTT][ GML = 0.167886 | AML = 0.429271 | MoV = 0.223150 | VoV = 0.002889 | [SYS][ GML = 0.000000 | AML = 0.014477 | MoV = 0.002549 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.5235269665718079
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.88 step/s]

[Valid(teacher)][56][UTT][ MSE = 0.6549 | LCC = 0.6200 | SRCC = 0.5861 | [SYS][ MSE = 0.1503 | LCC = 0.9803 | SRCC = 0.9371 ]
[Valid(teacher)][56][UTT][ GML = 0.165945 | AML = 0.430273 | MoV = 0.220807 | VoV = 0.002906 | [SYS][ GML = 0.000000 | AML = 0.021714 | MoV = 0.002523 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.5289628505706787
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.61 step/s]

[Valid(teacher)][57][UTT][ MSE = 0.6367 | LCC = 0.6214 | SRCC = 0.5877 | [SYS][ MSE = 0.1305 | LCC = 0.9815 | SRCC = 0.9385 ]
[Valid(teacher)][57][UTT][ GML = 0.175082 | AML = 0.435250 | MoV = 0.221060 | VoV = 0.002839 | [SYS][ GML = 0.000000 | AML = 0.057242 | MoV = 0.002520 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.5519022941589355
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.80 step/s]

[Valid(teacher)][58][UTT][ MSE = 0.6387 | LCC = 0.6216 | SRCC = 0.5878 | [SYS][ MSE = 0.1298 | LCC = 0.9812 | SRCC = 0.9371 ]
[Valid(teacher)][58][UTT][ GML = 0.173585 | AML = 0.435615 | MoV = 0.219104 | VoV = 0.002707 | [SYS][ GML = 0.000000 | AML = 0.052786 | MoV = 0.002490 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.5586397647857666
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.46 step/s]

[Valid(teacher)][59][UTT][ MSE = 0.6092 | LCC = 0.6222 | SRCC = 0.5887 | [SYS][ MSE = 0.1074 | LCC = 0.9820 | SRCC = 0.9405 ]
[Valid(teacher)][59][UTT][ GML = 0.187229 | AML = 0.443260 | MoV = 0.217659 | VoV = 0.002537 | [SYS][ GML = 0.000000 | AML = 0.202497 | MoV = 0.002468 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.5732071399688721
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.73 step/s]

[Valid(teacher)][60][UTT][ MSE = 0.6123 | LCC = 0.6214 | SRCC = 0.5880 | [SYS][ MSE = 0.1115 | LCC = 0.9821 | SRCC = 0.9453 ]
[Valid(teacher)][60][UTT][ GML = 0.185285 | AML = 0.441668 | MoV = 0.216872 | VoV = 0.002539 | [SYS][ GML = 0.000000 | AML = 0.190097 | MoV = 0.002461 | VoV = 0.000003 ]
Best model performance test:
Test(best): 0% 0/4000 [00:00<?, ? step/s]/home/x_xlian/.conda/envs/lxygpu/lib/python3.8/site-packages/torch/nn/modules/rnn.py:774: UserWarning: RNN module weights are not part of single contiguous chunk of memory. This means they need to be compacted at every call, possibly greatly increasing memory usage. To compact weights again call flatten_parameters(). (Triggered internally at ../at
en/src/ATen/native/cudnn/RNN.cpp:968.)
result = _VF.lstm(input, hx, self._flat_weights, self.bias, self.num_layers,
Test(best): 100% 4000/4000 [00:20<00:00, 197.95 step/s]

[Test(best)][61][UTT][ MSE = 0.5908 | LCC = 0.6352 | SRCC = 0.6017 | [SYS][ MSE = 0.1014 | LCC = 0.9794 | SRCC = 0.9501 ]
[Test(best)][61][UTT][ GML = 0.198849 | AML = 0.446910 | MoV = 0.219418 | VoV = 0.002687 | [SYS][ GML = 0.000000 | AML = 0.424587 | MoV = 0.001812 | VoV = 0.000002 ]
Test(last): 100% 4000/4000 [00:19<00:00, 200.78 step/s]

[Test(last)][61][UTT][ MSE = 0.5936 | LCC = 0.6342 | SRCC = 0.6009 | [SYS][ MSE = 0.1036 | LCC = 0.9799 | SRCC = 0.9583 ]
[Test(last)][61][UTT][ GML = 0.196639 | AML = 0.445660 | MoV = 0.218715 | VoV = 0.002708 | [SYS][ GML = 0.000000 | AML = 0.371367 | MoV = 0.001808 | VoV = 0.000002 ]
(lxygpu) [x_xliangnode053 ProMOSNet]$ client_loop: send disconnect: Broken pipe
lxy@Hope-Liang-NBA ProMOSNet
```