

```
xlypu@x_xlian-node03e1:~$ python train.py --lamb_c=0.5 --save_path "runs/cse-1-t1/run3"
```

```
[0%] [██████████] | 54040/54040 [07:51<00:00, 114.68it/s]
```

```
Loading all wav files.
```

```
/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.
```

```
[0%] [██████████] | 3000/3000 [01:43<00:00, 29.03it/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.
```

```
[0%] [██████████] | 4000/4000 [02:20<00:00, 28.39it/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]
```

```
Train: 100% 845/845 [03:28<00:00, 4.06 step/s]
```

```
Average loss=212869.65625
```

```
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.03 step/s]
```

```
[Valid(teacher)][0][UTT] MSE = 3.2186 | LCC = 0.4459 | SRCC = 0.4360 | [SYS] MSE = 3.0694 | LCC = 0.7603 | SRCC = 0.8085 ]
```

```
[Valid(teacher)][0][UTL] GML = 0.005818 | AML = 0.111441 | MoV = 0.365338 | VoV = 0.011251 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004323 | VoV = 0.000015 ]
```

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

```
Average loss=0.6277363300323486
```

```
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.54 step/s]
```

```
[Valid(teacher)][1][UTT] MSE = 0.6041 | LCC = 0.5425 | SRCC = 0.5100 | [SYS] MSE = 0.1359 | LCC = 0.8947 | SRCC = 0.8564 ]
```

```
[Valid(teacher)][1][UTL] GML = 0.301175 | AML = 0.365734 | MoV = 0.573244 | VoV = 0.013143 | [SYS] GML = 0.000961 | AML = 0.955488 | MoV = 0.006788 | VoV = 0.000036 ]
```

```
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
```

```
Average loss=0.48972323536872864
```

```
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.95 step/s]
```

```
[Valid(teacher)][2][UTT] MSE = 1.1414 | LCC = 0.5742 | SRCC = 0.5355 | [SYS] MSE = 0.6951 | LCC = 0.9366 | SRCC = 0.8920 ]
```

```
[Valid(teacher)][2][UTL] GML = 0.073256 | AML = 0.293724 | MoV = 0.408977 | VoV = 0.014236 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004921 | VoV = 0.000022 ]
```

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

```
Average loss=0.4278016984462738
```

```
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.19 step/s]
```

```
[Valid(teacher)][3][UTT] MSE = 1.6529 | LCC = 0.5794 | SRCC = 0.5427 | [SYS] MSE = 1.2780 | LCC = 0.9405 | SRCC = 0.8988 ]
```

```
[Valid(teacher)][3][UTL] GML = 0.014834 | AML = 0.223805 | MoV = 0.350143 | VoV = 0.012347 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004242 | VoV = 0.000018 ]
```

```
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
```

```
Average loss=0.3885175585746765
```

```
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.26 step/s]
```

```
[Valid(teacher)][4][UTT] MSE = 1.9619 | LCC = 0.5851 | SRCC = 0.5486 | [SYS] MSE = 1.6345 | LCC = 0.9418 | SRCC = 0.8926 ]
```

```
[Valid(teacher)][4][UTL] GML = 0.016451 | AML = 0.187004 | MoV = 0.320995 | VoV = 0.009919 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.003915 | VoV = 0.000016 ]
```

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

```
Average loss=0.3592628836631775
```

```
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.76 step/s]
```

```
[Valid(teacher)][5][UTT] MSE = 1.8074 | LCC = 0.5940 | SRCC = 0.5563 | [SYS] MSE = 1.4666 | LCC = 0.9478 | SRCC = 0.8947 ]
```

```
[Valid(teacher)][5][UTL] GML = 0.026615 | AML = 0.203946 | MoV = 0.327514 | VoV = 0.009373 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.003977 | VoV = 0.000015 ]
```

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

```
Average loss=0.3356747627258301
```

```
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.87 step/s]
```

```
[Valid(teacher)][6][UTT] MSE = 1.5206 | LCC = 0.6049 | SRCC = 0.5668 | [SYS] MSE = 1.1656 | LCC = 0.9555 | SRCC = 0.9015 ]
```

```
[Valid(teacher)][6][UTL] GML = 0.061282 | AML = 0.241466 | MoV = 0.343711 | VoV = 0.007551 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004132 | VoV = 0.000015 ]
```

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

```
Average loss=0.3122485876083374
```

```
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.27 step/s]
```

```
[Valid(teacher)][7][UTT] MSE = 1.2959 | LCC = 0.6109 | SRCC = 0.5747 | [SYS] MSE = 0.9268 | LCC = 0.9607 | SRCC = 0.9070 ]
```

```
[Valid(teacher)][7][UTL] GML = 0.098827 | AML = 0.275416 | MoV = 0.357194 | VoV = 0.006346 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004260 | VoV = 0.000015 ]
```

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

```
Average loss=0.2906186878681183
```

```
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.07 step/s]
```

```
[Valid(teacher)][8][UTT] MSE = 1.0897 | LCC = 0.6156 | SRCC = 0.5797 | [SYS] MSE = 0.7087 | LCC = 0.9644 | SRCC = 0.9159 ]
```

```
[Valid(teacher)][8][UTL] GML = 0.145899 | AML = 0.308527 | MoV = 0.373254 | VoV = 0.005110 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004394 | VoV = 0.000014 ]
```

```
Train: 100% 845/845 [03:25<00:00, 4.15 step/s]
```

```
Average loss=0.2705910801887512
```

```
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.19 step/s]
```

```
[Valid(teacher)][9][UTT] MSE = 1.0330 | LCC = 0.6142 | SRCC = 0.5784 | [SYS] MSE = 0.6513 | LCC = 0.9656 | SRCC = 0.9234 ]
```

```
[Valid(teacher)][9][UTL] GML = 0.159363 | AML = 0.319148 | MoV = 0.374323 | VoV = 0.004755 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004394 | VoV = 0.000013 ]
```

```
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
```

```
Average loss=0.24625425840721893
```

```
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.12 step/s]
```

```
[Valid(teacher)][10][UTT] MSE = 0.9265 | LCC = 0.6145 | SRCC = 0.5781 | [SYS] MSE = 0.5364 | LCC = 0.9679 | SRCC = 0.9241 ]
```

```
[Valid(teacher)][10][UTL] GML = 0.188345 | AML = 0.337381 | MoV = 0.380944 | VoV = 0.003993 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004433 | VoV = 0.000013 ]
```

```
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
```

```
Average loss=0.22624503876076508
```

Average loss=0.030695077031850815
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.23 step/s]

[Valid(teacher)][20][UTT][MSE = 0.5924 | LCC = 0.6239 | SRCC = 0.5832] [SYS][MSE = 0.1435 | LCC = 0.9767 | SRCC = 0.9521]
[Valid(teacher)][20][UTT][GML = 0.283236 | AML = 0.414028 | MoV = 0.344347 | VoV = 0.002031] [SYS][GML = 0.000000 | AML = 0.029434 | MoV = 0.003871 | VoV = 0.000007]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=0.01741729862987995
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.12 step/s]

[Valid(teacher)][21][UTT][MSE = 0.6060 | LCC = 0.6209 | SRCC = 0.5812] [SYS][MSE = 0.1536 | LCC = 0.9764 | SRCC = 0.9453]
[Valid(teacher)][21][UTT][GML = 0.275801 | AML = 0.411913 | MoV = 0.340337 | VoV = 0.002037] [SYS][GML = 0.000000 | AML = 0.028307 | MoV = 0.003832 | VoV = 0.000007]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=-0.010877950116991997
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.58 step/s]

[Valid(teacher)][22][UTT][MSE = 0.6174 | LCC = 0.6102 | SRCC = 0.5786] [SYS][MSE = 0.1628 | LCC = 0.9757 | SRCC = 0.9282]
[Valid(teacher)][22][UTT][GML = 0.268531 | AML = 0.410575 | MoV = 0.333461 | VoV = 0.001960] [SYS][GML = 0.000000 | AML = 0.018439 | MoV = 0.003754 | VoV = 0.000007]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.023905614390969276
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.65 step/s]

[Valid(teacher)][23][UTT][MSE = 0.6401 | LCC = 0.6148 | SRCC = 0.5750] [SYS][MSE = 0.1828 | LCC = 0.9765 | SRCC = 0.9357]
[Valid(teacher)][23][UTT][GML = 0.256262 | AML = 0.406675 | MoV = 0.328036 | VoV = 0.002041] [SYS][GML = 0.000000 | AML = 0.003565 | MoV = 0.003700 | VoV = 0.000006]
Train: 100% 845/845 [03:26<00:00, 4.10 step/s]
Average loss=-0.05492214113473897
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.33 step/s]

[Valid(teacher)][24][UTT][MSE = 0.6637 | LCC = 0.6112 | SRCC = 0.5711] [SYS][MSE = 0.2010 | LCC = 0.9754 | SRCC = 0.9138]
[Valid(teacher)][24][UTT][GML = 0.243306 | AML = 0.403087 | MoV = 0.321107 | VoV = 0.002045] [SYS][GML = 0.000000 | AML = 0.000920 | MoV = 0.003623 | VoV = 0.000006]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=-0.07296904176473618
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.49 step/s]

[Valid(teacher)][25][UTT][MSE = 0.6713 | LCC = 0.6076 | SRCC = 0.5664] [SYS][MSE = 0.2046 | LCC = 0.9743 | SRCC = 0.9084]
[Valid(teacher)][25][UTT][GML = 0.237286 | AML = 0.402379 | MoV = 0.315558 | VoV = 0.002010] [SYS][GML = 0.000000 | AML = 0.000718 | MoV = 0.003564 | VoV = 0.000006]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.09429003298282623
Valid(teacher): 100% 3000/3000 [00:15<00:00, 188.43 step/s]

[Valid(teacher)][26][UTT][MSE = 0.6309 | LCC = 0.6142 | SRCC = 0.5726] [SYS][MSE = 0.1605 | LCC = 0.9774 | SRCC = 0.9200]
[Valid(teacher)][26][UTT][GML = 0.252947 | AML = 0.411745 | MoV = 0.314385 | VoV = 0.002022] [SYS][GML = 0.000000 | AML = 0.003826 | MoV = 0.003539 | VoV = 0.000006]
Train: 100% 845/845 [03:21<00:00, 4.18 step/s]
Average loss=-0.12015854567289352
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.94 step/s]

[Valid(teacher)][27][UTT][MSE = 0.6207 | LCC = 0.6134 | SRCC = 0.5713] [SYS][MSE = 0.1484 | LCC = 0.9766 | SRCC = 0.9118]
[Valid(teacher)][27][UTT][GML = 0.253947 | AML = 0.415428 | MoV = 0.308224 | VoV = 0.002081] [SYS][GML = 0.000000 | AML = 0.005796 | MoV = 0.003472 | VoV = 0.000006]
Train: 100% 845/845 [03:22<00:00, 4.17 step/s]
Average loss=-0.1350664496421814
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.75 step/s]

[Valid(teacher)][28][UTT][MSE = 0.5889 | LCC = 0.6192 | SRCC = 0.5775] [SYS][MSE = 0.1184 | LCC = 0.9777 | SRCC = 0.9268]
[Valid(teacher)][28][UTT][GML = 0.267412 | AML = 0.423191 | MoV = 0.306073 | VoV = 0.002020] [SYS][GML = 0.000000 | AML = 0.031755 | MoV = 0.003441 | VoV = 0.000005]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.15454773604869843
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.24 step/s]

[Valid(teacher)][29][UTT][MSE = 0.5519 | LCC = 0.6213 | SRCC = 0.5798] [SYS][MSE = 0.0753 | LCC = 0.9778 | SRCC = 0.9207]
[Valid(teacher)][29][UTT][GML = 0.282787 | AML = 0.433117 | MoV = 0.302001 | VoV = 0.002058] [SYS][GML = 0.000014 | AML = 0.439809 | MoV = 0.003391 | VoV = 0.000005]
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]
Average loss=-0.1671587287750244
Valid(teacher): 100% 3000/3000 [00:15<00:00, 190.25 step/s]

[Valid(teacher)][30][UTT][MSE = 0.5427 | LCC = 0.6217 | SRCC = 0.5806] [SYS][MSE = 0.0623 | LCC = 0.9779 | SRCC = 0.9186]
[Valid(teacher)][30][UTT][GML = 0.285820 | AML = 0.435731 | MoV = 0.297648 | VoV = 0.001985] [SYS][GML = 0.000104 | AML = 0.980668 | MoV = 0.003342 | VoV = 0.000005]
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]
Average loss=-0.18254412710666656
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.59 step/s]

[Valid(teacher)][31][UTT][MSE = 0.5417 | LCC = 0.6215 | SRCC = 0.5808] [SYS][MSE = 0.0604 | LCC = 0.9775 | SRCC = 0.9207]
[Valid(teacher)][31][UTT][GML = 0.284929 | AML = 0.436566 | MoV = 0.295078 | VoV = 0.001977] [SYS][GML = 0.000126 | AML = 1.210784 | MoV = 0.003314 | VoV = 0.000005]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.19635793566703796
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.35 step/s]

[Valid(teacher)][32][UTT][MSE = 0.5324 | LCC = 0.6233 | SRCC = 0.5829] [SYS][MSE = 0.0485 | LCC = 0.9765 | SRCC = 0.9186]
[Valid(teacher)][32][UTT][GML = 0.288362 | AML = 0.439682 | MoV = 0.292456 | VoV = 0.002022] [SYS][GML = 0.000953 | AML = 2.248127 | MoV = 0.003283 | VoV = 0.000005]
Train: 100% 845/845 [03:24<00:00, 4.12 step/s]
Average loss=-0.22185784578323364
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.09 step/s]

[Valid(teacher)][33][UTT][MSE = 0.5275 | LCC = 0.6210 | SRCC = 0.5803] [SYS][MSE = 0.0436 | LCC = 0.9760 | SRCC = 0.9173]
[Valid(teacher)][33][UTT][GML = 0.289447 | AML = 0.441486 | MoV = 0.289169 | VoV = 0.001952] [SYS][GML = 0.002713 | AML = 2.571578 | MoV = 0.003240 | VoV = 0.000005]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.23949140310287476
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.08 step/s]

[Valid(teacher)][34][UTT][MSE = 0.5297 | LCC = 0.6181 | SRCC = 0.5766] [SYS][MSE = 0.0447 | LCC = 0.9747 | SRCC = 0.9166]
[Valid(teacher)][34][UTT][GML = 0.286075 | AML = 0.441626 | MoV = 0.284065 | VoV = 0.001907] [SYS][GML = 0.002015 | AML = 2.489160 | MoV = 0.003188 | VoV = 0.000005]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.24625495076179504
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.11 step/s]

[Valid(teacher)][35][UTT][MSE = 0.5203 | LCC = 0.6178 | SRCC = 0.5776] [SYS][MSE = 0.0286 | LCC = 0.9735 | SRCC = 0.9179]
[Valid(teacher)][35][UTT][GML = 0.290267 | AML = 0.444701 | MoV = 0.280467 | VoV = 0.001817] [SYS][GML = 0.040893 | AML = 2.771808 | MoV = 0.003144 | VoV = 0.000005]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.2661745548248291
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.37 step/s]

[Valid(teacher)][36][UTT][MSE = 0.5221 | LCC = 0.6168 | SRCC = 0.5758] [SYS][MSE = 0.0310 | LCC = 0.9722 | SRCC = 0.9125]
[Valid(teacher)][36][UTT][GML = 0.286342 | AML = 0.445516 | MoV = 0.276978 | VoV = 0.001907] [SYS][GML = 0.026036 | AML = 2.717274 | MoV = 0.003111 | VoV = 0.000005]
Train: 100% 845/845 [03:22<00:00, 4.17 step/s]
Average loss=-0.28168433904647827
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.09 step/s]

[Valid(teacher)][37][UTT][MSE = 0.5304 | LCC = 0.6165 | SRCC = 0.5760] [SYS][MSE = 0.0425 | LCC = 0.9731 | SRCC = 0.9132]
[Valid(teacher)][37][UTT][GML = 0.278952 | AML = 0.443604 | MoV = 0.273961 | VoV = 0.001937] [SYS][GML = 0.002437 | AML = 2.403886 | MoV = 0.003086 | VoV = 0.000005]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.2976558757884979
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.81 step/s]

[Valid(teacher)][38][UTT][MSE = 0.5189 | LCC = 0.6173 | SRCC = 0.5773] [SYS][MSE = 0.0280 | LCC = 0.9722 | SRCC = 0.9138]
[Valid(teacher)][38][UTT][GML = 0.284249 | AML = 0.448219 | MoV = 0.269952 | VoV = 0.001846] [SYS][GML = 0.044211 | AML = 2.586008 | MoV = 0.003028 | VoV = 0.000004]
Train: 100% 845/845 [03:26<00:00, 4.10 step/s]
Average loss=-0.3063306510448456
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.99 step/s]

[Valid(teacher)][39][UTT][MSE = 0.5180 | LCC = 0.6168 | SRCC = 0.5764] [SYS][MSE = 0.0256 | LCC = 0.9710 | SRCC = 0.9166]
[Valid(teacher)][39][UTT][GML = 0.284964 | AML = 0.448841 | MoV = 0.268835 | VoV = 0.001881] [SYS][GML = 0.066656 | AML = 2.322733 | MoV = 0.003013 | VoV = 0.000004]
Train: 100% 845/845 [03:26<00:00, 4.09 step/s]
Average loss=-0.32544970512390137
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.63 step/s]

[Valid(teacher)][40][UTT][MSE = 0.5166 | LCC = 0.6165 | SRCC = 0.5763] [SYS][MSE = 0.0251 | LCC = 0.9710 | SRCC = 0.9145]
[Valid(teacher)][40][UTT][GML = 0.284864 | AML = 0.450403 | MoV = 0.265940 | VoV = 0.001793] [SYS][GML = 0.078607 | AML = 2.139366 | MoV = 0.002977 | VoV = 0.000004]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.3456251919269562
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.29 step/s]

[Valid(teacher)][41][UTT][MSE = 0.5212 | LCC = 0.6147 | SRCC = 0.5745] [SYS][MSE = 0.0330 | LCC = 0.9708 | SRCC = 0.9132]
[Valid(teacher)][41][UTT][GML = 0.278879 | AML = 0.448906 | MoV = 0.263933 | VoV = 0.001875] [SYS][GML = 0.017812 | AML = 2.457958 | MoV = 0.002965 | VoV = 0.000004]
Train: 100% 845/845 [03:22<00:00, 4.17 step/s]
Average loss=-0.3559010922908783
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.33 step/s]

[Valid(teacher)][42][UTT][MSE = 0.5172 | LCC = 0.6142 | SRCC = 0.5751] [SYS][MSE = 0.0258 | LCC = 0.9708 | SRCC = 0.9145]
[Valid(teacher)][42][UTT][GML = 0.281361 | AML = 0.450992 | MoV = 0.261624 | VoV = 0.001713] [SYS][GML = 0.074702 | AML = 2.342472 | MoV = 0.002924 | VoV = 0.000004]
Train: 100% 845/845 [03:26<00:00, 4.10 step/s]
Average loss=-0.3717736005783081
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.12 step/s]

[Valid(teacher)][43][UTT][MSE = 0.5209 | LCC = 0.6129 | SRCC = 0.5733] [SYS][MSE = 0.0260 | LCC = 0.9713 | SRCC = 0.9132]
[Valid(teacher)][43][UTT][GML = 0.276533 | AML = 0.450465 | MoV = 0.258360 | VoV = 0.001776] [SYS][GML = 0.061890 | AML = 2.338608 | MoV = 0.002895 | VoV = 0.000004]

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Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.3856057822704315
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.03 step/s]

[Valid(teacher)][44][UTT][ MSE = 0.5161 | LCC = 0.6150 | SRCC = 0.5759 | [SYS][ MSE = 0.0244 | LCC = 0.9716 | SRCC = 0.9132 ]
[Valid(teacher)][44][UTT][ GML = 0.278300 | AML = 0.452795 | MoV = 0.255723 | VoV = 0.001762 | [SYS][ GML = 0.090765 | AML = 2.103480 | MoV = 0.002856 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.4000689522743225
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.41 step/s]

[Valid(teacher)][45][UTT][ MSE = 0.5204 | LCC = 0.6152 | SRCC = 0.5753 | [SYS][ MSE = 0.0284 | LCC = 0.9728 | SRCC = 0.9132 ]
[Valid(teacher)][45][UTT][ GML = 0.272528 | AML = 0.451455 | MoV = 0.254528 | VoV = 0.001963 | [SYS][ GML = 0.035107 | AML = 2.726983 | MoV = 0.002857 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.41599041223526
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.18 step/s]

[Valid(teacher)][46][UTT][ MSE = 0.5219 | LCC = 0.6125 | SRCC = 0.5725 | [SYS][ MSE = 0.0273 | LCC = 0.9719 | SRCC = 0.9145 ]
[Valid(teacher)][46][UTT][ GML = 0.270317 | AML = 0.451738 | MoV = 0.251484 | VoV = 0.001893 | [SYS][ GML = 0.044399 | AML = 2.607610 | MoV = 0.002820 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.4333187937736511
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.13 step/s]

[Valid(teacher)][47][UTT][ MSE = 0.5213 | LCC = 0.6123 | SRCC = 0.5733 | [SYS][ MSE = 0.0263 | LCC = 0.9718 | SRCC = 0.9186 ]
[Valid(teacher)][47][UTT][ GML = 0.268083 | AML = 0.452709 | MoV = 0.248441 | VoV = 0.001875 | [SYS][ GML = 0.060979 | AML = 2.419918 | MoV = 0.002790 | VoV = 0.000004 ]
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]
Average loss=-0.45544755458831787
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.02 step/s]

[Valid(teacher)][48][UTT][ MSE = 0.5252 | LCC = 0.6120 | SRCC = 0.5746 | [SYS][ MSE = 0.0241 | LCC = 0.9708 | SRCC = 0.9193 ]
[Valid(teacher)][48][UTT][ GML = 0.265068 | AML = 0.454113 | MoV = 0.244115 | VoV = 0.001816 | [SYS][ GML = 0.075648 | AML = 1.543656 | MoV = 0.002734 | VoV = 0.000004 ]
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]
Average loss=-0.46558043360710144
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.32 step/s]

[Valid(teacher)][49][UTT][ MSE = 0.5265 | LCC = 0.6134 | SRCC = 0.5765 | [SYS][ MSE = 0.0268 | LCC = 0.9711 | SRCC = 0.9255 ]
[Valid(teacher)][49][UTT][ GML = 0.264589 | AML = 0.455853 | MoV = 0.241871 | VoV = 0.001646 | [SYS][ GML = 0.033109 | AML = 1.445434 | MoV = 0.002702 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.4716727137565613
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.51 step/s]

[Valid(teacher)][50][UTT][ MSE = 0.5222 | LCC = 0.6132 | SRCC = 0.5762 | [SYS][ MSE = 0.0247 | LCC = 0.9727 | SRCC = 0.9248 ]
[Valid(teacher)][50][UTT][ GML = 0.264073 | AML = 0.458452 | MoV = 0.238423 | VoV = 0.001682 | [SYS][ GML = 0.054803 | AML = 1.559772 | MoV = 0.002664 | VoV = 0.000003 ]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.4877053201198578
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.45 step/s]

[Valid(teacher)][51][UTT][ MSE = 0.5188 | LCC = 0.6129 | SRCC = 0.5756 | [SYS][ MSE = 0.0233 | LCC = 0.9735 | SRCC = 0.9241 ]
[Valid(teacher)][51][UTT][ GML = 0.265389 | AML = 0.458240 | MoV = 0.238278 | VoV = 0.001738 | [SYS][ GML = 0.092626 | AML = 1.787298 | MoV = 0.002667 | VoV = 0.000003 ]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.4988497197628021
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.11 step/s]

[Valid(teacher)][52][UTT][ MSE = 0.5212 | LCC = 0.6108 | SRCC = 0.5740 | [SYS][ MSE = 0.0243 | LCC = 0.9725 | SRCC = 0.9255 ]
[Valid(teacher)][52][UTT][ GML = 0.262668 | AML = 0.458281 | MoV = 0.236569 | VoV = 0.001674 | [SYS][ GML = 0.084324 | AML = 1.796508 | MoV = 0.002649 | VoV = 0.000003 ]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=-0.5099716186523438
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.22 step/s]

[Valid(teacher)][53][UTT][ MSE = 0.5191 | LCC = 0.6111 | SRCC = 0.5738 | [SYS][ MSE = 0.0238 | LCC = 0.9728 | SRCC = 0.9248 ]
[Valid(teacher)][53][UTT][ GML = 0.260986 | AML = 0.459427 | MoV = 0.233976 | VoV = 0.001652 | [SYS][ GML = 0.096579 | AML = 1.982701 | MoV = 0.002616 | VoV = 0.000003 ]
Train: 100% 845/845 [03:22<00:00, 4.18 step/s]
Average loss=-0.5226351022720337
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.76 step/s]

[Valid(teacher)][54][UTT][ MSE = 0.5187 | LCC = 0.6107 | SRCC = 0.5727 | [SYS][ MSE = 0.0233 | LCC = 0.9734 | SRCC = 0.9255 ]
[Valid(teacher)][54][UTT][ GML = 0.257805 | AML = 0.460833 | MoV = 0.231074 | VoV = 0.001748 | [SYS][ GML = 0.106854 | AML = 2.045170 | MoV = 0.002586 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00, 4.16 step/s]
Average loss=-0.5322794914245605
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.31 step/s]

[Valid(teacher)][55][UTT][ MSE = 0.5146 | LCC = 0.6132 | SRCC = 0.5754 | [SYS][ MSE = 0.0232 | LCC = 0.9739 | SRCC = 0.9214 ]
[Valid(teacher)][55][UTT][ GML = 0.258494 | AML = 0.462907 | MoV = 0.228761 | VoV = 0.001738 | [SYS][ GML = 0.112388 | AML = 2.073979 | MoV = 0.002563 | VoV = 0.000003 ]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=-0.5553436875343323
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.15 step/s]

[Valid(teacher)][56][UTT][ MSE = 0.5143 | LCC = 0.6140 | SRCC = 0.5754 | [SYS][ MSE = 0.0237 | LCC = 0.9734 | SRCC = 0.9255 ]
[Valid(teacher)][56][UTT][ GML = 0.256147 | AML = 0.463794 | MoV = 0.224993 | VoV = 0.001647 | [SYS][ GML = 0.091377 | AML = 2.048464 | MoV = 0.002525 | VoV = 0.000003 ]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=-0.5613177418708801
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.94 step/s]

[Valid(teacher)][57][UTT][ MSE = 0.5135 | LCC = 0.6144 | SRCC = 0.5758 | [SYS][ MSE = 0.0242 | LCC = 0.9728 | SRCC = 0.9255 ]
[Valid(teacher)][57][UTT][ GML = 0.256249 | AML = 0.465629 | MoV = 0.223918 | VoV = 0.001681 | [SYS][ GML = 0.076529 | AML = 1.988947 | MoV = 0.002505 | VoV = 0.000003 ]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.5795474648475647
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.14 step/s]

[Valid(teacher)][58][UTT][ MSE = 0.5145 | LCC = 0.6143 | SRCC = 0.5765 | [SYS][ MSE = 0.0241 | LCC = 0.9735 | SRCC = 0.9323 ]
[Valid(teacher)][58][UTT][ GML = 0.254193 | AML = 0.465907 | MoV = 0.221082 | VoV = 0.001595 | [SYS][ GML = 0.074906 | AML = 2.036714 | MoV = 0.002473 | VoV = 0.000003 ]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=-0.5940437316094531
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.64 step/s]

[Valid(teacher)][59][UTT][ MSE = 0.5302 | LCC = 0.6117 | SRCC = 0.5751 | [SYS][ MSE = 0.0371 | LCC = 0.9710 | SRCC = 0.9398 ]
[Valid(teacher)][59][UTT][ GML = 0.246203 | AML = 0.463612 | MoV = 0.218538 | VoV = 0.001466 | [SYS][ GML = 0.001789 | AML = 1.880013 | MoV = 0.002428 | VoV = 0.000003 ]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.5988296866416931
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.95 step/s]

[Valid(teacher)][60][UTT][ MSE = 0.5377 | LCC = 0.6102 | SRCC = 0.5739 | [SYS][ MSE = 0.0427 | LCC = 0.9697 | SRCC = 0.9344 ]
[Valid(teacher)][60][UTT][ GML = 0.241551 | AML = 0.460826 | MoV = 0.217825 | VoV = 0.001494 | [SYS][ GML = 0.000346 | AML = 1.758528 | MoV = 0.002414 | 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, 193.99 step/s]

[Test(best)][61][UTT][ MSE = 0.5963 | LCC = 0.6342 | SRCC = 0.5976 | [SYS][ MSE = 0.1591 | LCC = 0.9749 | SRCC = 0.9309 ]
[Test(best)][61][UTT][ GML = 0.287233 | AML = 0.411497 | MoV = 0.356247 | VoV = 0.002044 | [SYS][ GML = 0.000000 | AML = 0.192825 | MoV = 0.002933 | VoV = 0.000004 ]
Test(last): 100% 4000/4000 [00:19<00:00, 201.95 step/s]

[Test(last)][61][UTT][ MSE = 0.5376 | LCC = 0.6264 | SRCC = 0.6021 | [SYS][ MSE = 0.0544 | LCC = 0.9703 | SRCC = 0.9651 ]
[Test(last)][61][UTT][ GML = 0.243261 | AML = 0.460773 | MoV = 0.219510 | VoV = 0.001552 | [SYS][ GML = 0.000001 | AML = 1.177557 | MoV = 0.001779 | VoV = 0.000001 ]
(lxygpu) [x_xliangnode031 ProMOSNet]$ client_loop: send disconnect: Broken pipe
lxy@Hope-Liang-NBA ProMOSNet %
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