

```
xmlyou [x_xlian@node050 ProMOSNet]$ python train.py --lamb_c=0 --lamb_t=0.5 --save_path "runs/cv0-t5e-1/run6"
```

```
[Progress bar] | 54040/54040 [07:32<00:00, 119.37it/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.
```

```
[Progress bar] | 3000/3000 [01:54<00:00, 26.31it/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.
```

```
[Progress bar] | 4000/4000 [02:42<00:00, 24.63it/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 [04:33<00:00, 3.08 step/s]
```

```
Average loss=0.7297796875
```

```
Valid(teacher): 100% 3000/3000 [00:21<00:00, 136.81 step/s]
```

```
[Valid(teacher)][0][UTT] MSE = 0.5815 | LCC = 0.5077 | SRCC = 0.4807 | [SYS] MSE = 0.1566 | LCC = 0.8121 | SRCC = 0.8468 ]
```

```
[Valid(teacher)][0][UTT] GML = 0.314941 | AML = 0.347803 | MoV = 0.703624 | VoV = 0.004273 | [SYS] GML = 0.001110 | AML = 1.327792 | MoV = 0.008077 | VoV = 0.000039 ]
```

```
Train: 100% 845/845 [04:36<00:00, 3.06 step/s]
```

```
Average loss=0.38075482845306396
```

```
Valid(teacher): 100% 3000/3000 [00:20<00:00, 144.08 step/s]
```

```
[Valid(teacher)][1][UTT] MSE = 0.5412 | LCC = 0.5592 | SRCC = 0.5255 | [SYS] MSE = 0.0847 | LCC = 0.8957 | SRCC = 0.8468 ]
```

```
[Valid(teacher)][1][UTT] GML = 0.327346 | AML = 0.367180 | MoV = 0.627582 | VoV = 0.005754 | [SYS] GML = 0.011495 | AML = 1.678310 | MoV = 0.007302 | VoV = 0.000036 ]
```

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

```
Average loss=0.32560598850250244
```

```
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.67 step/s]
```

```
[Valid(teacher)][2][UTT] MSE = 0.6734 | LCC = 0.5950 | SRCC = 0.5526 | [SYS] MSE = 0.2458 | LCC = 0.9423 | SRCC = 0.8646 ]
```

```
[Valid(teacher)][2][UTT] GML = 0.282547 | AML = 0.359899 | MoV = 0.520913 | VoV = 0.006220 | [SYS] GML = 0.000000 | AML = 0.285049 | MoV = 0.006048 | VoV = 0.000024 ]
```

```
Train: 100% 845/845 [03:49<00:00, 3.68 step/s]
```

```
Average loss=0.2852778136730194
```

```
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.73 step/s]
```

```
[Valid(teacher)][3][UTT] MSE = 0.6374 | LCC = 0.6063 | SRCC = 0.5641 | [SYS] MSE = 0.2151 | LCC = 0.9486 | SRCC = 0.8858 ]
```

```
[Valid(teacher)][3][UTT] GML = 0.295248 | AML = 0.368600 | MoV = 0.511965 | VoV = 0.004769 | [SYS] GML = 0.000000 | AML = 0.161976 | MoV = 0.005882 | VoV = 0.000021 ]
```

```
Train: 100% 845/845 [04:16<00:00, 3.30 step/s]
```

```
Average loss=0.259331613779068
```

```
Valid(teacher): 100% 3000/3000 [00:16<00:00, 186.34 step/s]
```

```
[Valid(teacher)][4][UTT] MSE = 0.7088 | LCC = 0.6190 | SRCC = 0.5806 | [SYS] MSE = 0.3050 | LCC = 0.9581 | SRCC = 0.9084 ]
```

```
[Valid(teacher)][4][UTT] GML = 0.276204 | AML = 0.357804 | MoV = 0.503234 | VoV = 0.003648 | [SYS] GML = 0.000000 | AML = 0.001083 | MoV = 0.005731 | VoV = 0.000019 ]
```

```
Train: 100% 845/845 [03:22<00:00, 4.16 step/s]
```

```
Average loss=0.23843099176883698
```

```
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.61 step/s]
```

```
[Valid(teacher)][5][UTT] MSE = 0.9873 | LCC = 0.6120 | SRCC = 0.5778 | [SYS] MSE = 0.6006 | LCC = 0.9587 | SRCC = 0.9002 ]
```

```
[Valid(teacher)][5][UTT] GML = 0.197492 | AML = 0.316803 | MoV = 0.465417 | VoV = 0.005847 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.005406 | VoV = 0.000020 ]
```

```
Train: 100% 845/845 [06:03<00:00, 2.32 step/s]
```

```
Average loss=0.2176471203555975
```

```
Valid(teacher): 100% 3000/3000 [00:24<00:00, 124.75 step/s]
```

```
[Valid(teacher)][6][UTT] MSE = 1.1947 | LCC = 0.6094 | SRCC = 0.5795 | [SYS] MSE = 0.8227 | LCC = 0.9599 | SRCC = 0.8995 ]
```

```
[Valid(teacher)][6][UTT] GML = 0.147681 | AML = 0.288308 | MoV = 0.433168 | VoV = 0.006450 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.005099 | VoV = 0.000020 ]
```

```
Train: 100% 845/845 [03:42<00:00, 3.77 step/s]
```

```
Average loss=0.19442135095596313
```

```
Valid(teacher): 100% 3000/3000 [00:15<00:00, 190.14 step/s]
```

```
[Valid(teacher)][7][UTT] MSE = 1.1327 | LCC = 0.6100 | SRCC = 0.5812 | [SYS] MSE = 0.7518 | LCC = 0.9616 | SRCC = 0.9056 ]
```

```
[Valid(teacher)][7][UTT] GML = 0.155012 | AML = 0.299548 | MoV = 0.418014 | VoV = 0.005922 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004921 | VoV = 0.000018 ]
```

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

```
Average loss=0.1772366315126419
```

```
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.28 step/s]
```

```
[Valid(teacher)][8][UTT] MSE = 1.2728 | LCC = 0.6088 | SRCC = 0.5814 | [SYS] MSE = 0.9032 | LCC = 0.9632 | SRCC = 0.9193 ]
```

```
[Valid(teacher)][8][UTT] GML = 0.123668 | AML = 0.280468 | MoV = 0.394411 | VoV = 0.005246 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004661 | VoV = 0.000016 ]
```

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

```
Average loss=0.16593211889266968
```

```
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.20 step/s]
```

```
[Valid(teacher)][9][UTT] MSE = 1.2954 | LCC = 0.6078 | SRCC = 0.5832 | [SYS] MSE = 0.9323 | LCC = 0.9639 | SRCC = 0.9179 ]
```

```
[Valid(teacher)][9][UTT] GML = 0.117397 | AML = 0.278618 | MoV = 0.383350 | VoV = 0.004830 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004544 | VoV = 0.000016 ]
```

```
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]
```

```
Average loss=0.1403734270095825
```

```
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.73 step/s]
```

```
[Valid(teacher)][10][UTT] MSE = 1.3954 | LCC = 0.6042 | SRCC = 0.5805 | [SYS] MSE = 1.0478 | LCC = 0.9632 | SRCC = 0.9214 ]
```

```
[Valid(teacher)][10][UTT] GML = 0.096613 | AML = 0.265860 | MoV = 0.363703 | VoV = 0.004558 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004340 | VoV = 0.000015 ]
```

```
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]
```

```
Average loss=0.12570351362228394
```

Average loss=-0.012956513091921806
Valid(teacher): 100% 3000/3000 [00:27<00:00, 109.84 step/s]

[Valid(teacher)][20][UTT][MSE = 1.2646 | LCC = 0.5901 | SRCC = 0.5753] [SYS][MSE = 0.8729 | LCC = 0.9587 | SRCC = 0.8872]
[Valid(teacher)][20][UTT][GML = 0.095798 | AML = 0.288456 | MoV = 0.322943 | VoV = 0.003277] [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003836 | VoV = 0.000011]
Train: 100% 845/845 [03:53<00:00, 3.62 step/s]
Average loss=-0.029694218188524246
Valid(teacher): 100% 3000/3000 [00:26<00:00, 112.78 step/s]

[Valid(teacher)][21][UTT][MSE = 1.2649 | LCC = 0.5893 | SRCC = 0.5750] [SYS][MSE = 0.8697 | LCC = 0.9592 | SRCC = 0.8865]
[Valid(teacher)][21][UTT][GML = 0.093116 | AML = 0.288436 | MoV = 0.318375 | VoV = 0.003356] [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003782 | VoV = 0.000010]
Train: 100% 845/845 [03:42<00:00, 3.80 step/s]
Average loss=-0.03736942633986473
Valid(teacher): 100% 3000/3000 [00:23<00:00, 126.56 step/s]

[Valid(teacher)][22][UTT][MSE = 1.3052 | LCC = 0.5889 | SRCC = 0.5766] [SYS][MSE = 0.9163 | LCC = 0.9576 | SRCC = 0.8872]
[Valid(teacher)][22][UTT][GML = 0.085329 | AML = 0.281726 | MoV = 0.312770 | VoV = 0.003140] [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003722 | VoV = 0.000010]
Train: 100% 845/845 [06:28<00:00, 2.17 step/s]
Average loss=-0.0545983761548996
Valid(teacher): 100% 3000/3000 [00:21<00:00, 136.98 step/s]

[Valid(teacher)][23][UTT][MSE = 1.2267 | LCC = 0.5908 | SRCC = 0.5777] [SYS][MSE = 0.8217 | LCC = 0.9599 | SRCC = 0.8913]
[Valid(teacher)][23][UTT][GML = 0.095366 | AML = 0.294773 | MoV = 0.311574 | VoV = 0.003137] [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003702 | VoV = 0.000010]
Train: 100% 845/845 [05:48<00:00, 2.43 step/s]
Average loss=-0.0726348040564537
Valid(teacher): 100% 3000/3000 [00:20<00:00, 144.32 step/s]

[Valid(teacher)][24][UTT][MSE = 1.1314 | LCC = 0.5920 | SRCC = 0.5768] [SYS][MSE = 0.7071 | LCC = 0.9623 | SRCC = 0.8892]
[Valid(teacher)][24][UTT][GML = 0.109747 | AML = 0.312317 | MoV = 0.310710 | VoV = 0.003102] [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003672 | VoV = 0.000009]
Train: 100% 845/845 [05:53<00:00, 2.39 step/s]
Average loss=-0.08397016674280167
Valid(teacher): 100% 3000/3000 [00:16<00:00, 187.09 step/s]

[Valid(teacher)][25][UTT][MSE = 1.1010 | LCC = 0.5918 | SRCC = 0.5757] [SYS][MSE = 0.6669 | LCC = 0.9636 | SRCC = 0.8981]
[Valid(teacher)][25][UTT][GML = 0.110697 | AML = 0.319141 | MoV = 0.305376 | VoV = 0.003386] [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003613 | VoV = 0.000009]
Train: 100% 845/845 [04:00<00:00, 3.51 step/s]
Average loss=-0.10159782320261002
Valid(teacher): 100% 3000/3000 [00:16<00:00, 182.23 step/s]

[Valid(teacher)][26][UTT][MSE = 1.0068 | LCC = 0.5967 | SRCC = 0.5786] [SYS][MSE = 0.5594 | LCC = 0.9644 | SRCC = 0.8844]
[Valid(teacher)][26][UTT][GML = 0.128173 | AML = 0.336624 | MoV = 0.304844 | VoV = 0.003316] [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003583 | VoV = 0.000009]
Train: 100% 845/845 [03:29<00:00, 4.03 step/s]
Average loss=-0.10595866292715073
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.58 step/s]

[Valid(teacher)][27][UTT][MSE = 0.9305 | LCC = 0.6014 | SRCC = 0.5819] [SYS][MSE = 0.4810 | LCC = 0.9673 | SRCC = 0.8913]
[Valid(teacher)][27][UTT][GML = 0.145040 | AML = 0.351527 | MoV = 0.305350 | VoV = 0.003393] [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003575 | VoV = 0.000008]
Train: 100% 845/845 [03:47<00:00, 3.72 step/s]
Average loss=-0.12194156646728516
Valid(teacher): 100% 3000/3000 [00:19<00:00, 154.96 step/s]

[Valid(teacher)][28][UTT][MSE = 0.8192 | LCC = 0.6065 | SRCC = 0.5840] [SYS][MSE = 0.3531 | LCC = 0.9693 | SRCC = 0.9002]
[Valid(teacher)][28][UTT][GML = 0.174013 | AML = 0.374034 | MoV = 0.305639 | VoV = 0.003420] [SYS][GML = 0.000000 | AML = 0.000008 | MoV = 0.003552 | VoV = 0.000008]
Train: 100% 845/845 [04:54<00:00, 2.87 step/s]
Average loss=-0.13825713098049164
Valid(teacher): 100% 3000/3000 [01:23<00:00, 35.87 step/s]

[Valid(teacher)][29][UTT][MSE = 0.7656 | LCC = 0.6080 | SRCC = 0.5848] [SYS][MSE = 0.2923 | LCC = 0.9708 | SRCC = 0.9002]
[Valid(teacher)][29][UTT][GML = 0.189635 | AML = 0.385475 | MoV = 0.301582 | VoV = 0.003052] [SYS][GML = 0.000000 | AML = 0.000245 | MoV = 0.003498 | VoV = 0.000007]
Train: 100% 845/845 [06:15<00:00, 2.25 step/s]
Average loss=-0.15272843837738037
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.00 step/s]

[Valid(teacher)][30][UTT][MSE = 0.7689 | LCC = 0.6068 | SRCC = 0.5845] [SYS][MSE = 0.2934 | LCC = 0.9705 | SRCC = 0.8968]
[Valid(teacher)][30][UTT][GML = 0.183644 | AML = 0.386349 | MoV = 0.294531 | VoV = 0.003038] [SYS][GML = 0.000000 | AML = 0.000230 | MoV = 0.003425 | VoV = 0.000007]
Train: 100% 845/845 [09:58<00:00, 1.41 step/s]
Average loss=-0.1640898436307907
Valid(teacher): 100% 3000/3000 [00:37<00:00, 79.81 step/s]

[Valid(teacher)][31][UTT][MSE = 0.7470 | LCC = 0.6095 | SRCC = 0.5858] [SYS][MSE = 0.2706 | LCC = 0.9696 | SRCC = 0.8981]
[Valid(teacher)][31][UTT][GML = 0.189099 | AML = 0.391670 | MoV = 0.290928 | VoV = 0.002934] [SYS][GML = 0.000000 | AML = 0.001511 | MoV = 0.003380 | VoV = 0.000007]
Train: 100% 845/845 [03:28<00:00, 4.05 step/s]
Average loss=-0.18216846883296967
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.96 step/s]

[Valid(teacher)][32][UTT][MSE = 0.7082 | LCC = 0.6124 | SRCC = 0.5866] [SYS][MSE = 0.2289 | LCC = 0.9702 | SRCC = 0.9002]
[Valid(teacher)][32][UTT][GML = 0.200215 | AML = 0.401320 | MoV = 0.286629 | VoV = 0.002872] [SYS][GML = 0.000000 | AML = 0.007667 | MoV = 0.003326 | VoV = 0.000007]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.19081516563892365
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.81 step/s]

[Valid(teacher)][33][UTT][MSE = 0.7074 | LCC = 0.6158 | SRCC = 0.5904] [SYS][MSE = 0.2305 | LCC = 0.9727 | SRCC = 0.9043]
[Valid(teacher)][33][UTT][GML = 0.197869 | AML = 0.401867 | MoV = 0.282248 | VoV = 0.002855] [SYS][GML = 0.000000 | AML = 0.003731 | MoV = 0.003273 | VoV = 0.000006]
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]
Average loss=-0.2020532786846161
Valid(teacher): 100% 3000/3000 [00:14<00:00, 204.34 step/s]

[Valid(teacher)][34][UTT][MSE = 0.6584 | LCC = 0.6185 | SRCC = 0.5913] [SYS][MSE = 0.1795 | LCC = 0.9735 | SRCC = 0.9118]
[Valid(teacher)][34][UTT][GML = 0.215989 | AML = 0.413045 | MoV = 0.281596 | VoV = 0.002886] [SYS][GML = 0.000000 | AML = 0.028962 | MoV = 0.003247 | VoV = 0.000006]
Train: 100% 845/845 [03:22<00:00, 4.17 step/s]
Average loss=-0.21361227333545685
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.51 step/s]

[Valid(teacher)][35][UTT][MSE = 0.6226 | LCC = 0.6194 | SRCC = 0.5914] [SYS][MSE = 0.1379 | LCC = 0.9730 | SRCC = 0.9043]
[Valid(teacher)][35][UTT][GML = 0.231156 | AML = 0.421426 | MoV = 0.279675 | VoV = 0.002637] [SYS][GML = 0.000000 | AML = 0.144689 | MoV = 0.003208 | VoV = 0.000006]
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]
Average loss=-0.2193109691143036
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.47 step/s]

[Valid(teacher)][36][UTT][MSE = 0.6286 | LCC = 0.6205 | SRCC = 0.5929] [SYS][MSE = 0.1469 | LCC = 0.9728 | SRCC = 0.9043]
[Valid(teacher)][36][UTT][GML = 0.227245 | AML = 0.420912 | MoV = 0.276789 | VoV = 0.002569] [SYS][GML = 0.000000 | AML = 0.099543 | MoV = 0.003173 | VoV = 0.000005]
Train: 100% 845/845 [06:27<00:00, 2.18 step/s]
Average loss=-0.23490579426288605
Valid(teacher): 100% 3000/3000 [00:20<00:00, 148.97 step/s]

[Valid(teacher)][37][UTT][MSE = 0.6329 | LCC = 0.6200 | SRCC = 0.5912] [SYS][MSE = 0.1492 | LCC = 0.9735 | SRCC = 0.9043]
[Valid(teacher)][37][UTT][GML = 0.220291 | AML = 0.421537 | MoV = 0.271009 | VoV = 0.002639] [SYS][GML = 0.000000 | AML = 0.097877 | MoV = 0.003119 | VoV = 0.000005]
Train: 100% 845/845 [04:30<00:00, 3.12 step/s]
Average loss=-0.24542734026908875
Valid(teacher): 100% 3000/3000 [00:14<00:00, 204.18 step/s]

[Valid(teacher)][38][UTT][MSE = 0.6450 | LCC = 0.6184 | SRCC = 0.5897] [SYS][MSE = 0.1599 | LCC = 0.9734 | SRCC = 0.9050]
[Valid(teacher)][38][UTT][GML = 0.211628 | AML = 0.418979 | MoV = 0.268261 | VoV = 0.002781] [SYS][GML = 0.000000 | AML = 0.108945 | MoV = 0.003093 | VoV = 0.000005]
Train: 100% 845/845 [10:15<00:00, 1.37 step/s]
Average loss=-0.25032806396484375
Valid(teacher): 100% 3000/3000 [00:30<00:00, 98.04 step/s]

[Valid(teacher)][39][UTT][MSE = 0.6423 | LCC = 0.6174 | SRCC = 0.5885] [SYS][MSE = 0.1550 | LCC = 0.9737 | SRCC = 0.9111]
[Valid(teacher)][39][UTT][GML = 0.210380 | AML = 0.419688 | MoV = 0.265399 | VoV = 0.002750] [SYS][GML = 0.000000 | AML = 0.127747 | MoV = 0.003063 | VoV = 0.000005]
Train: 100% 845/845 [03:32<00:00, 3.97 step/s]
Average loss=-0.2619384527206421
Valid(teacher): 100% 3000/3000 [00:15<00:00, 187.52 step/s]

[Valid(teacher)][40][UTT][MSE = 0.6302 | LCC = 0.6169 | SRCC = 0.5874] [SYS][MSE = 0.1394 | LCC = 0.9727 | SRCC = 0.9111]
[Valid(teacher)][40][UTT][GML = 0.213856 | AML = 0.423196 | MoV = 0.263306 | VoV = 0.002718] [SYS][GML = 0.000000 | AML = 0.220975 | MoV = 0.003036 | VoV = 0.000005]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=-0.27378055453300476
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.58 step/s]

[Valid(teacher)][41][UTT][MSE = 0.6070 | LCC = 0.6161 | SRCC = 0.5862] [SYS][MSE = 0.1133 | LCC = 0.9725 | SRCC = 0.9111]
[Valid(teacher)][41][UTT][GML = 0.224369 | AML = 0.429434 | MoV = 0.262837 | VoV = 0.002608] [SYS][GML = 0.000000 | AML = 0.473953 | MoV = 0.003011 | VoV = 0.000005]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=-0.2869708836078644
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.85 step/s]

[Valid(teacher)][42][UTT][MSE = 0.6241 | LCC = 0.6147 | SRCC = 0.5854] [SYS][MSE = 0.1322 | LCC = 0.9725 | SRCC = 0.9111]
[Valid(teacher)][42][UTT][GML = 0.211338 | AML = 0.425945 | MoV = 0.256524 | VoV = 0.002587] [SYS][GML = 0.000000 | AML = 0.326223 | MoV = 0.002951 | VoV = 0.000005]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.3005943298339844
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.95 step/s]

[Valid(teacher)][43][UTT][MSE = 0.6014 | LCC = 0.6163 | SRCC = 0.5864] [SYS][MSE = 0.1096 | LCC = 0.9726 | SRCC = 0.9111]
[Valid(teacher)][43][UTT][GML = 0.222288 | AML = 0.431871 | MoV = 0.255592 | VoV = 0.002491] [SYS][GML = 0.000000 | AML = 0.532634 | MoV = 0.002929 | VoV = 0.000005]

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Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.31183695793151855
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.22 step/s]

[Valid(teacher)][44][UTT][ MSE = 0.6184 | LCC = 0.6161 | SRCC = 0.5857 | SYS][ MSE = 0.1283 | LCC = 0.9711 | SRCC = 0.9043 |
[Valid(teacher)][44][UTT][ GML = 0.209629 | AML = 0.428592 | MoV = 0.251562 | VoV = 0.002569 | SYS][ GML = 0.000000 | AML = 0.442748 | MoV = 0.002893 | VoV = 0.000005 |
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.322518914937973
Valid(teacher): 100% 3000/3000 [00:14<00:00, 204.41 step/s]

[Valid(teacher)][45][UTT][ MSE = 0.6186 | LCC = 0.6151 | SRCC = 0.5847 | SYS][ MSE = 0.1291 | LCC = 0.9697 | SRCC = 0.8933 |
[Valid(teacher)][45][UTT][ GML = 0.207402 | AML = 0.429153 | MoV = 0.247348 | VoV = 0.002397 | SYS][ GML = 0.000000 | AML = 0.538020 | MoV = 0.002848 | VoV = 0.000005 |
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.3311551511287689
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.90 step/s]

[Valid(teacher)][46][UTT][ MSE = 0.6142 | LCC = 0.6149 | SRCC = 0.5842 | SYS][ MSE = 0.1238 | LCC = 0.9705 | SRCC = 0.8920 |
[Valid(teacher)][46][UTT][ GML = 0.207896 | AML = 0.430626 | MoV = 0.244657 | VoV = 0.002271 | SYS][ GML = 0.000000 | AML = 0.553283 | MoV = 0.002811 | VoV = 0.000004 |
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]
Average loss=-0.3425660729408264
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.61 step/s]

[Valid(teacher)][47][UTT][ MSE = 0.6159 | LCC = 0.6151 | SRCC = 0.5840 | SYS][ MSE = 0.1248 | LCC = 0.9708 | SRCC = 0.9056 |
[Valid(teacher)][47][UTT][ GML = 0.204288 | AML = 0.431153 | MoV = 0.241079 | VoV = 0.002203 | SYS][ GML = 0.000000 | AML = 0.525480 | MoV = 0.002766 | VoV = 0.000004 |
Train: 100% 845/845 [03:24<00:00, 3.94 step/s]
Average loss=-0.350473552942276
Valid(teacher): 100% 3000/3000 [00:19<00:00, 154.45 step/s]

[Valid(teacher)][48][UTT][ MSE = 0.5899 | LCC = 0.6163 | SRCC = 0.5852 | SYS][ MSE = 0.0983 | LCC = 0.9698 | SRCC = 0.8974 |
[Valid(teacher)][48][UTT][ GML = 0.216990 | AML = 0.436821 | MoV = 0.241786 | VoV = 0.002238 | SYS][ GML = 0.000000 | AML = 0.707156 | MoV = 0.002765 | VoV = 0.000004 |
Train: 100% 845/845 [04:24<00:00, 3.19 step/s]
Average loss=-0.3624102771282196
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.77 step/s]

[Valid(teacher)][49][UTT][ MSE = 0.5870 | LCC = 0.6142 | SRCC = 0.5829 | SYS][ MSE = 0.0914 | LCC = 0.9692 | SRCC = 0.8858 |
[Valid(teacher)][49][UTT][ GML = 0.214477 | AML = 0.438141 | MoV = 0.237980 | VoV = 0.002278 | SYS][ GML = 0.000000 | AML = 0.718125 | MoV = 0.002726 | VoV = 0.000004 |
Train: 100% 845/845 [04:53<00:00, 2.88 step/s]
Average loss=-0.36972180008888245
Valid(teacher): 100% 3000/3000 [00:23<00:00, 126.18 step/s]

[Valid(teacher)][50][UTT][ MSE = 0.6017 | LCC = 0.6125 | SRCC = 0.5800 | SYS][ MSE = 0.1066 | LCC = 0.9707 | SRCC = 0.8913 |
[Valid(teacher)][50][UTT][ GML = 0.203841 | AML = 0.434290 | MoV = 0.235144 | VoV = 0.002365 | SYS][ GML = 0.000000 | AML = 0.633215 | MoV = 0.002698 | VoV = 0.000004 |
Train: 100% 845/845 [06:45<00:00, 2.08 step/s]
Average loss=-0.3842517735739136
Valid(teacher): 100% 3000/3000 [00:59<00:00, 50.85 step/s]

[Valid(teacher)][51][UTT][ MSE = 0.6255 | LCC = 0.6109 | SRCC = 0.5793 | SYS][ MSE = 0.1307 | LCC = 0.9699 | SRCC = 0.8872 |
[Valid(teacher)][51][UTT][ GML = 0.187541 | AML = 0.429242 | MoV = 0.230149 | VoV = 0.002399 | SYS][ GML = 0.000000 | AML = 0.588801 | MoV = 0.002660 | VoV = 0.000004 |
Train: 100% 845/845 [07:46<00:00, 1.81 step/s]
Average loss=-0.3889937480817871
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.02 step/s]

[Valid(teacher)][52][UTT][ MSE = 0.6159 | LCC = 0.6097 | SRCC = 0.5783 | SYS][ MSE = 0.1191 | LCC = 0.9701 | SRCC = 0.8913 |
[Valid(teacher)][52][UTT][ GML = 0.192483 | AML = 0.431960 | MoV = 0.228764 | VoV = 0.002219 | SYS][ GML = 0.000000 | AML = 0.610301 | MoV = 0.002638 | VoV = 0.000004 |
Train: 100% 845/845 [03:37<00:00, 3.89 step/s]
Average loss=-0.4007505476474762
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.05 step/s]

[Valid(teacher)][53][UTT][ MSE = 0.5909 | LCC = 0.6112 | SRCC = 0.5795 | SYS][ MSE = 0.0972 | LCC = 0.9704 | SRCC = 0.9070 |
[Valid(teacher)][53][UTT][ GML = 0.204775 | AML = 0.437878 | MoV = 0.228148 | VoV = 0.002170 | SYS][ GML = 0.000000 | AML = 0.631226 | MoV = 0.002621 | VoV = 0.000004 |
Train: 100% 845/845 [03:34<00:00, 3.93 step/s]
Average loss=-0.41181084513664246
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.35 step/s]

[Valid(teacher)][54][UTT][ MSE = 0.5918 | LCC = 0.6096 | SRCC = 0.5773 | SYS][ MSE = 0.0970 | LCC = 0.9709 | SRCC = 0.8988 |
[Valid(teacher)][54][UTT][ GML = 0.201016 | AML = 0.439084 | MoV = 0.224305 | VoV = 0.002104 | SYS][ GML = 0.000000 | AML = 0.605361 | MoV = 0.002578 | VoV = 0.000004 |
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.41885408759117126
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.04 step/s]

[Valid(teacher)][55][UTT][ MSE = 0.5688 | LCC = 0.6118 | SRCC = 0.5795 | SYS][ MSE = 0.0736 | LCC = 0.9703 | SRCC = 0.8961 |
[Valid(teacher)][55][UTT][ GML = 0.213290 | AML = 0.445308 | MoV = 0.223673 | VoV = 0.002031 | SYS][ GML = 0.000000 | AML = 0.726633 | MoV = 0.002559 | VoV = 0.000004 |
Train: 100% 845/845 [05:34<00:00, 2.53 step/s]
Average loss=-0.4314144253730774
Valid(teacher): 100% 3000/3000 [00:21<00:00, 141.91 step/s]

[Valid(teacher)][56][UTT][ MSE = 0.5756 | LCC = 0.6127 | SRCC = 0.5804 | SYS][ MSE = 0.0817 | LCC = 0.9711 | SRCC = 0.9043 |
[Valid(teacher)][56][UTT][ GML = 0.205703 | AML = 0.444827 | MoV = 0.219898 | VoV = 0.002047 | SYS][ GML = 0.000000 | AML = 0.609813 | MoV = 0.002520 | VoV = 0.000004 |
Train: 100% 845/845 [07:48<00:00, 1.80 step/s]
Average loss=-0.4408586919307709
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.46 step/s]

[Valid(teacher)][57][UTT][ MSE = 0.5583 | LCC = 0.6138 | SRCC = 0.5817 | SYS][ MSE = 0.0658 | LCC = 0.9706 | SRCC = 0.9029 |
[Valid(teacher)][57][UTT][ GML = 0.214781 | AML = 0.449343 | MoV = 0.217867 | VoV = 0.001926 | SYS][ GML = 0.000002 | AML = 0.897704 | MoV = 0.002491 | VoV = 0.000003 |
Train: 100% 845/845 [05:41<00:00, 2.47 step/s]
Average loss=-0.44384145736694336
Valid(teacher): 100% 3000/3000 [00:22<00:00, 131.81 step/s]

[Valid(teacher)][58][UTT][ MSE = 0.5659 | LCC = 0.6135 | SRCC = 0.5825 | SYS][ MSE = 0.0748 | LCC = 0.9723 | SRCC = 0.9152 |
[Valid(teacher)][58][UTT][ GML = 0.206693 | AML = 0.447530 | MoV = 0.215503 | VoV = 0.002007 | SYS][ GML = 0.000000 | AML = 0.569377 | MoV = 0.002471 | VoV = 0.000003 |
Train: 100% 845/845 [07:50<00:00, 1.80 step/s]
Average loss=-0.4524761438369751
Valid(teacher): 100% 3000/3000 [00:16<00:00, 184.43 step/s]

[Valid(teacher)][59][UTT][ MSE = 0.5651 | LCC = 0.6126 | SRCC = 0.5816 | SYS][ MSE = 0.0738 | LCC = 0.9742 | SRCC = 0.9241 |
[Valid(teacher)][59][UTT][ GML = 0.207233 | AML = 0.447516 | MoV = 0.214281 | VoV = 0.001905 | SYS][ GML = 0.000000 | AML = 0.569110 | MoV = 0.002454 | VoV = 0.000003 |
Train: 100% 845/845 [03:35<00:00, 3.92 step/s]
Average loss=-0.4582367241382599
Valid(teacher): 100% 3000/3000 [00:16<00:00, 182.93 step/s]

[Valid(teacher)][60][UTT][ MSE = 0.5735 | LCC = 0.6122 | SRCC = 0.5813 | SYS][ MSE = 0.0798 | LCC = 0.9734 | SRCC = 0.9241 |
[Valid(teacher)][60][UTT][ GML = 0.199673 | AML = 0.445985 | MoV = 0.212134 | VoV = 0.001959 | SYS][ GML = 0.000000 | AML = 0.556210 | MoV = 0.002432 | VoV = 0.000003 |
Best model performance test:
Test(best): 0% 0/4000 [00:00<, ? step/s]/home/x_xlian/.conda/envs/lyxgpu/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 [00:22<00:00, 175.80 step/s]

[Test(best)][61][UTT][ MSE = 0.6191 | LCC = 0.6280 | SRCC = 0.5910 | SYS][ MSE = 0.1382 | LCC = 0.9664 | SRCC = 0.9043 |
[Test(best)][61][UTT][ GML = 0.230648 | AML = 0.427182 | MoV = 0.276534 | VoV = 0.002681 | SYS][ GML = 0.000000 | AML = 0.123856 | MoV = 0.002325 | VoV = 0.000003 |
Test(last): 100% 4000/4000 [00:22<00:00, 180.91 step/s]

[Test(last)][61][UTT][ MSE = 0.5726 | LCC = 0.6164 | SRCC = 0.5807 | SYS][ MSE = 0.0815 | LCC = 0.9669 | SRCC = 0.9186 |
[Test(last)][61][UTT][ GML = 0.202967 | AML = 0.452937 | MoV = 0.211940 | VoV = 0.002025 | SYS][ GML = 0.000000 | AML = 0.927489 | MoV = 0.001779 | VoV = 0.000002 |
(Lxygpu) [x_xliangnode859 ProMOSNet]$
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