```
(lxygpu) [x_xlian@node046 ProMOSNet]$ python train.py --lamb_c=0.25 --lamb_t=1 --save_path "run6/" Loading all wav files.
                                                                                                                                                                                                                                                                                                                                                                                                                         54040/54040 [07:56<00:00. 113.35it/s]
 /proj/ihorse_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 self.scores['JUDGE'][i] = self.idtable[judge_i] Loading all law files.
                                                             _____
                                                                                                                                                                                                                                                                                                                                                                                                                                               III| 3000/3000 [01:45<00:00. 28.46it/s]
100%
/proj/ihorse_2021/users/x_xlian/ProMOSNet/ProMOSNet/dataset.py:55: SettingWithCopyWarning:
A value is trying to be set on a copy of a slice from a DataFrame
See the caveats in the documentation: https://pandas.pydata.org/pandas-docs/stable/user_guide/indexing.html#returning-a-view-versus-a-copy self.scores['JUDGE'][i] = self.idtable[judge_i] Loading all waw files. 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                  ■| 4000/4000 [02:21<00:00. 28.18it/s]
     proj/ihorse_2021/users/x_xlian/ProMOSNet/ProMOSNet/dataset.py:55: SettingWithCopyWarning value is trying to be set on a copy of a slice from a DataFrame
See the caveats in the documentation: https://pandas.pydata.org/pandas-docs/stable/user_guide/indexing.html#returning-a-view-versus-a-copy
self.scores['JUDGE'][i] = self.idtable[judge_i]
Train: 100% 845/845 [03:26<00:00, 4.00 step/s]
Average loss=134384.625
Valid(teacher): 100% 3000/3000 [00:15<00:00, 187.83 step/s]
[Valid(teacher)][0][UTT][ MSE = 1.7294 | LCC = 0.4945 | SRCC = 0.4790 ] [SYS][ MSE = 1.4711 | LCC = 0.8209 | SRCC = 0.8448 ] [Valid(teacher)][0][UTT][ GML = 0.087443 | AML = 0.232142 | MoV = 0.467236 | VoV = 0.008492 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.005507 | VoV = 0.000023 ] Train: 100% 845/845 [03:22-00:00, 4.17 step/s] Average loss=0.5346073508262634 Valid(teacher): 100% 3000/3000 [00:15<00:00, 200.00 step/s]
[Valid(teacher)][1][UTT][ MSE = 0.9817 | LCC = 0.5649 | SRCC = 0.5307 ] [SYS][ MSE = 0.6019 | LCC = 0.9054 | SRCC = 0.8708 ] [Valid(teacher)][1][UTT][ GML = 0.197286 | AML = 0.314453 | MoV = 0.487654 | VoV = 0.009631 ] [SYS][ GML = 0.000000 | AML = 0.068172 | MoV = 0.005814 | VoV = 0.000028 ] Train: 100% 845/845 [03:22<00:00, 4.18 step/s] Average loss=0.4442034363746643
Average LOSS=0.4442034303740043
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.48 step/s]
[Valid(teacher)][2][UTT][ MSE = 1.6290 | LCC = 0.5841 | SRCC = 0.5421 ] [SYS][ MSE = 1.2345 | LCC = 0.9342 | SRCC = 0.8961 ] [Valid(teacher)][2][UTT][ GML = 0.054051 | AML = 0.227820 | MoV = 0.393167 | VoV = 0.013011 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004786 | VoV = 0.000021 ] Train: 100% 845/845 [03:23-00:00, 4.16 step/s] Average loss=0.3940584193335959 Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.70 step/s]
[Valid(teacher)][3][UTT][ MSE = 1.9917 | LCC = 0.5866 | SRCC = 0.5438 ] [SYS][ MSE = 1.5617 | LCC = 0.9501 | SRCC = 0.9050 ] [Valid(teacher)][3][UTT][ GML = 0.020624 | AML = 0.184358 | MoV = 0.360281 | VoV = 0.013896 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004454 | VoV = 0.000019 ] Train: 100% 845/845 [03:22-00:00, 4.17 step/s] Average loss=0.3553746046357727 Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.03 step/s]
[Valid(teacher)][4][UTT][ MSE = 1.8265 | LCC = 0.5943 | SRCC = 0.5499 ] [SYS][ MSE = 1.3850 | LCC = 0.9516 | SRCC = 0.9132 ] [Valid(teacher)][4][UTT][ GML = 0.024633 | AML = 0.200931 | MoV = 0.356312 | VoV = 0.014183 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004396 | VoV = 0.000019 ] Train: 100% 845/845 [03:23-00:00, 4.16 step/s] Average loss-0.32771086313739014 Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.84 step/s]
| Valid(teacher)|[5][UTT]| MSE = 1.6122 | LCC = 0.5982 | SRCC = 0.5529 | [SYS][ MSE = 1.1648 | LCC = 0.9533 | SRCC = 0.9111 ] [Valid(teacher)|[5][UTT]| GML = 0.043899 | AML = 0.228333 | MoV = 0.369440 | VoV = 0.012778 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004496 | VoV = 0.000018 ] Train: 100% 845/845 [03:22-00:00, 4.17 step/s] Average loss=0.3055569356905493 Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.98 step/s]
[Valid(teacher)][6][UTT][ MSE = 1.1435 | LCC = 0.6108 | SRCC = 0.5647 ] [SYS][ MSE = 0.6969 | LCC = 0.9586 | SRCC = 0.9111 ] [Valid(teacher)][6][UTT][ GML = 0.121819 | AML = 0.296337 | MoV = 0.397560 | VoV = 0.009901 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004718 | VoV = 0.000017 ] Train: 100% 845/845 [03:22-00:00, 4.17 step/s]
 Average loss=0.27797332406044006
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.46 step/s]
[Valid(teacher)][7][UTT][ MSE = 0.7600 | LCC = 0.6285 | SRCC = 0.5837 ] [SYS][ MSE = 0.3213 | LCC = 0.9682 | SRCC = 0.9207 ]
[Valid(teacher)][7][UTT][ GML = 0.235199 | AML = 0.362825 | MoV = 0.420463 | VoV = 0.006709 ] [SYS][ GML = 0.000000 | AML = 0.000226 | MoV = 0.004848 | VoV = 0.000014 ]
Train: 100% 845/845 [03:22-00:00, 4.17 step/s]
Average loss=0.26018592715263367
Valid(teacher): 100% 3000/3000 [00:15-00:00, 199.96 step/s]
[Valid(teacher)][8][UTT][ MSE = 0.6973 | LCC = 0.6349 | SRCC = 0.5906 ] [SYS][ MSE = 0.2590 | LCC = 0.9699 | SRCC = 0.9268 ]
[Valid(teacher)][8][UTT][ GML = 0.254872 | AML = 0.375642 | MoV = 0.417560 | VoV = 0.006468 ] [SYS][ GML = 0.000000 | AML = 0.001911 | MoV = 0.004790 | VoV = 0.000013 ]
Train: 100% 845/845 [03:23-600:00, 4.16 step/s]
Average loss=0.23625812424951172
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.11 step/s]
[Valid(teacher)][9][UTT][ MSE = 0.6194 | LCC = 0.6408 | SRCC = 0.5965 ] [SYS][ MSE = 0.1801 | LCC = 0.9726 | SRCC = 0.9296 ] [Valid(teacher)][9][UTT][ GML = 0.285193 | AML = 0.391569 | MoV = 0.419456 | VoV = 0.005458 ] [SYS][ GML = 0.000000 | AML = 0.049751 | MoV = 0.004766 | VoV = 0.000012 ] Train: 100% 845/845 [03:22-00:00, 4.17 step/s] Average loss=0.2154959887266159 Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.06 step/s]
[Valid(teacher)][10][UTT][ MSE = 0.6092 | LCC = 0.6443 | SRCC = 0.6006 ] [SYS][ MSE = 0.1712 | LCC = 0.9744 | SRCC = 0.9330 ] [Valid(teacher)][10][UTT][ (ML = 0.287898 | AML = 0.395342 | MoV = 0.411180 | VoV = 0.005145 ] [SYS][ GML = 0.000000 | AML = 0.064094 | MoV = 0.004660 | VoV = 0.000011 ] Train: 100% 45/5845 [03:22~00:00, 4.17 step/s] Average loss=0.19377343356609344 Valid(teacher): 100% 3000/3000 [00:15~00:00, 197.93 step/s]
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[Valid(teacher)][11][UTT][MSE = 0.5617 | LCC = 0.6493 | SRCC = 0.6056] [SYS][MSE = 0.1242 | LCC = 0.9760 | SRCC = 0.9453]
[Valid(teacher)][11][UTT][GML = 0.307382 | AML = 0.406214 | MoV = 0.408520 | VoV = 0.004535] [SYS][GML = 0.000000 | AML = 0.354483 | MoV = 0.004595 | VoV = 0.000010]
Train: 100% 845/845 [03:22~00:00, 4.16 step/s]
Average loss=0.1766366958618164
Valid(teacher): 100% 3000/3000 [00:15~00:00, 199.59 step/s]

[Valid(teacher)][12][UTT][MSE = 0.6023 | LCC = 0.6486 | SRCC = 0.6062] [SYS][MSE = 0.1678 | LCC = 0.9763 | SRCC = 0.9419] [Valid(teacher)][12][UTT][(ML = 0.288223 | AML = 0.399355 | MoV = 0.396949 | VoV = 0.004931] [SYS][(ML = 0.000000 | AML = 0.031753 | MoV = 0.004495 | VoV = 0.000010] Train: 100% 4845/845 [03:22<00:00, 4.16 step/s]

[Valid(teacher)][13][UTT][MSE = 0.6141 | LCC = 0.6479 | SRCC = 0.6053] [SYS][MSE = 0.1770 | LCC = 0.9771 | SRCC = 0.9391] [Valid(teacher)][13][UTT][GML = 0.281636 | AML = 0.398459 | MoV = 0.390079 | VoV = 0.004951] [SYS][GML = 0.000000 | AML = 0.016591 | MoV = 0.004417 | VoV = 0.000010] Train: 100% 845/845 [03:23<00:00, 4.16 step/s] Average loss=0.1277003437280655

[Valid(teacher)][14][UTT][MSE = 0.5760 | LCC = 0.6527 | SRCC = 0.6102] [SYS][MSE = 0.1405 | LCC = 0.9783 | SRCC = 0.9426] [Valid(teacher)][14][UTT][GML = 0.296242 | AML = 0.407817 | MoV = 0.385107 | VoV = 0.004741] [SYS][GML = 0.000000 | AML = 0.100746 | MoV = 0.004347 | VoV = 0.000000] Train: 100% 845/845 [03:22~00:00, 4.17 step/s] Average loss=0.11196671162128448 Valid(teacher): 100% 3000/3000 [00:15~00:00, 194.63 step/s]

[Valid(teacher)][15][UTT][MSE = 0.5461 | LCC = 0.6564 | SRCC = 0.6147] [SYS][MSE = 0.1118 | LCC = 0.9790 | SRCC = 0.9391]
[Valid(teacher)][15][UTT][GML = 0.308280 | AML = 0.415294 | MoV = 0.382271 | VoV = 0.004666] [SYS][GML = 0.000001 | AML = 0.295189 | MoV = 0.004306 | VoV = 0.000009]
Train: 100% 845/845 [03:24-00:00, 4.13 step/s]
Average loss=0.09020145273445831
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.06 step/s]

[Valid(teacher)][16][UTT][MSE = 0.5625 | LCC = 0.6553 | SRCC = 0.6146] [SYS][MSE = 0.1284 | LCC = 0.9794 | SRCC = 0.9391]
[Valid(teacher)][16][UTT][GML = 0.299191 | AML = 0.413052 | MoV = 0.374474 | VoV = 0.004726] [SYS][GML = 0.000000 | AML = 0.089446 | MoV = 0.004230 | VoV = 0.000009]
Train: 100% 845/845 [03:24-00:00, 4.13 step/s]
Average loss=0.081374188936737
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.78 step/s]

[Valid(teacher)][17][UTT][MSE = 0.5688 | LCC = 0.6563 | SRCC = 0.6171] [SYS][MSE = 0.1385 | LCC = 0.9805 | SRCC = 0.9467] [Valid(teacher)][17][UTT][GML = 0.296667 | AML = 0.411890 | MoV = 0.371221 | VoV = 0.004602] [SYS][GML = 0.000000 | AML = 0.033088 | MoV = 0.004198 | VoV = 0.000009] Train: 100% 845/845 [03:24<00:00, 4.14 step/s] Average loss=0.655388916403389 Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.73 step/s]

[Valid(teacher)][18][UTT][MSE = 0.5723 | LCC = 0.6558 | SRCC = 0.6164] [SYS][MSE = 0.1425 | LCC = 0.9814 | SRCC = 0.9432] [Valid(teacher)][18][UTT][GML = 0.293232 | AML = 0.412525 | MoV = 0.365004 | VoV = 0.004562] [SYS][GML = 0.000000 | AML = 0.019924 | MoV = 0.004132 | VoV = 0.000008] Train: 100% 845/845 [03:24-00:00, 4.14 step/s] Average loss=0.040938455(1146736 Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.76 step/s]

[Valid(teacher)][19][UTT][MSE = 0.5562 | LCC = 0.6568 | SRCC = 0.6180] [SYS][MSE = 0.1278 | LCC = 0.9815 | SRCC = 0.9487] [Valid(teacher)][19][UTT][(ML = 0.299718 | AML = 0.416715 | MoV = 0.362690 | VoV = 0.004352] [SYS][(ML = 0.0000000 | AML = 0.033641 | MoV = 0.004101 | VoV = 0.0000008] Train: 100% 45/545 [63:24<00:00, 4.13 step/s]

Average loss=0.1551523357629776 Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.00 step/s]

Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.28 step/s]

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Average loss=0.023534461855888367
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.02 step/s]
[Valid(teacher)][20][UTT][ MSE = 0.5547 | LCC = 0.6551 | SRCC = 0.6170 ] [SYS][ MSE = 0.1230 | LCC = 0.9819 | SRCC = 0.9487 ]
[Valid(teacher)][20][UTT][ GML = 0.298893 | AML = 0.418472 | MoV = 0.357480 | VoV = 0.004197 ] [SYS][ GML = 0.000000 | AML = 0.035609 | MoV = 0.004037 | VoV = 0.000008 ]
Train: 100% 845/845 [03:23-00:00, 4.14 step/s]
Average loss=0.005171121563762426
Valid(teacher): 100% 3000/3000 [00:15-00:00, 199.63 step/s]
[Valid(teacher)][21][UTT][ MSE = 0.5620 | LCC = 0.6526 | SRCC = 0.6150 ] [SYS][ MSE = 0.1278 | LCC = 0.9822 | SRCC = 0.9508 ] [Valid(teacher)][21][UTT][ GML = 0.293645 | AML = 0.417801 | MoV = 0.351643 | VoV = 0.004167 ] [SYS][ GML = 0.000000 | AML = 0.028550 | MoV = 0.003973 | VoV = 0.000007 ] Train: 100% 845/845 [03:24-00:00, 4.14 step/s] Average loss=0.01178864499807358 Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.57 step/s]
[Valid(teacher)][22][UTT][ MSE = 0.6037 | LCC = 0.6479 | SRCC = 0.6112 ] [SYS][ MSE = 0.1664 | LCC = 0.9819 | SRCC = 0.9542 ] [Valid(teacher)][22][UTT][ GML = 0.271980 | AML = 0.409497 | MoV = 0.342866 | VoV = 0.004274 ] [SYS][ GML = 0.000000 | AML = 0.001803 | MoV = 0.003894 | VoV = 0.000008 ] Train: 100% 845/845 [03:24-00:00, 4.12 step/s] Average loss—0.02983441257816933 Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.87 step/s]
[Valid(teacher)][23][UTT][ MSE = 0.5997 | LCC = 0.6463 | SRCC = 0.6093 ] [SYS][ MSE = 0.1587 | LCC = 0.9825 | SRCC = 0.9562 ]
[Valid(teacher)][23][UTT][ GML = 0.271308 | AML = 0.411826 | MoV = 0.338330 | VoV = 0.004194 ] [SYS][ GML = 0.000000 | AML = 0.002888 | MoV = 0.003844 | VoV = 0.000007 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.49322[18589782715
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196:38 step/s]
[Valid(teacher)][24][UTT][ MSE = 0.6062 | LCC = 0.6452 | SRCC = 0.6079 ] [SYS][ MSE = 0.1635 | LCC = 0.9827 | SRCC = 0.9597 ] [Valid(teacher)][24][UTT][ GML = 0.266397 | AML = 0.411521 | MoV = 0.334681 | VoV = 0.004244 ] [SYS][ GML = 0.000000 | AML = 0.002061 | MoV = 0.003803 | VoV = 0.000007 ] Train: 100% 845/845 [03:23-00:00, 4.14 step/s] Average loss—0.0622340426249504 Avaid(teacher): 100% 3000/3000 [00:15<00:00, 197.27 step/s]
[Valid(teacher)][25][UTT][ MSE = 0.6297 | LCC = 0.6432 | SRCC = 0.6068 ] [SYS][ MSE = 0.1842 | LCC = 0.9826 | SRCC = 0.9583 ]
[Valid(teacher)][25][UTT][ GML = 0.252785 | AML = 0.407353 | MoV = 0.327522 | VoV = 0.004201 ] [SYS][ GML = 0.000000 | AML = 0.000687 | MoV = 0.003730 | VoV = 0.000007 ]
Train: 100% 845/845 [83:24-00:00, 4.14 step/s]
Average loss=-0.07820732891559601
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.35 step/s]
[Valid(teacher)][26][UTT][ MSE = 0.6340 | LCC = 0.6415 | SRCC = 0.6051 ] [SYS][ MSE = 0.1862 | LCC = 0.9836 | SRCC = 0.9549 ]
[Valid(teacher)][26][UTT][ GML = 0.249548 | AML = 0.406470 | MoV = 0.323196 | VoV = 0.004032 ] [SYS][ GML = 0.000000 | AML = 0.000430 | MoV = 0.003676 | VoV = 0.000007 ]
Train: 100% 845/845 [63:23-00:00, 4.15 step/s]
Average loss=-0.99808138012886047
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.23 step/s]
[Valid(teacher)][27][UTT][ MSE = 0.5828 | LCC = 0.6471 | SRCC = 0.6106 ] [SYS][ MSE = 0.1333 | LCC = 0.9852 | SRCC = 0.9617 ] [Valid(teacher)][27][UTT][ GML = 0.270599 | AML = 0.419713 | MoV = 0.320852 | VoV = 0.003902 ] [SYS][ GML = 0.000000 | AML = 0.008324 | MoV = 0.003622 | VoV = 0.000006 ] Train: 100% 845/845 [03:24-00:00, 4.13 step/s] Average loss=-0.10716116653549423 Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.66 step/s]
[Valid(teacher)][28][UTT][ MSE = 0.6066 | LCC = 0.6430 | SRCC = 0.6066 ] [SYS][ MSE = 0.1530 | LCC = 0.9852 | SRCC = 0.9549 ]
[Valid(teacher)][28][UTT][ GML = 0.257547 | AML = 0.415184 | MoV = 0.315845 | VoV = 0.003843 ] [SYS][ GML = 0.000000 | AML = 0.001764 | MoV = 0.003576 | VoV = 0.000006 ]
Train: 100% 845/845 [03:23-00:00, 4.15 step/s]
Average loss-0-0.10493207722902298
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.52 step/s]
[Valid(teacher)][29][UTT][ MSE = 0.5738 | LCC = 0.6453 | SRCC = 0.6093 ] [SYS][ MSE = 0.1220 | LCC = 0.9862 | SRCC = 0.9562 ] [Valid(teacher)][29][UTT][ GML = 0.273639 | AML = 0.423144 | MoV = 0.314522 | VoV = 0.003490 ] [SYS][ GML = 0.000000 | AML = 0.014946 | MoV = 0.003533 | VoV = 0.000006 ] Train: 100% 845/845 [03:24<00:00, 4.14 step/s] Average loss-0.14970998466014852 Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.78 step/s]
[Valid(teacher)][30][UTT][ MSE = 0.5798 | LCC = 0.6446 | SRCC = 0.6085 ] [SYS][ MSE = 0.1288 | LCC = 0.9867 | SRCC = 0.9644 ] [Valid(teacher)][30][UTT][ GML = 0.267657 | AML = 0.422926 | MoV = 0.307805 | VoV = 0.003402 ] [SYS][ GML = 0.000000 | AML = 0.008150 | MoV = 0.003461 | VoV = 0.000005 ] Train: 100% 845/845 [03:24<00:00, 4.13 step/s] Average [oss=-0.16171520948410034 Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.49 step/s]
[Valid(teacher)][31][UTT][ MSE = 0.5882 | LCC = 0.6430 | SRCC = 0.6069 ] [SYS][ MSE = 0.1345 | LCC = 0.9859 | SRCC = 0.9597 ] [Valid(teacher)][31][UTT][ GML = 0.260669 | AML = 0.422131 | MoV = 0.303135 | VoV = 0.003406 ] [SYS][ GML = 0.000000 | AML = 0.005102 | MoV = 0.003418 | VoV = 0.000005 ] Train: 100% 845/845 [03:23<08:00, 4.16 step/s] Average loss=-0.1810999388393402
 Average loss=-0.1819099⊌3839940∠
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.50 step/s]
[Valid(teacher)][32][UTT][ MSE = 0.5738 | LCC = 0.6442 | SRCC = 0.6077 ] [SYS][ MSE = 0.1188 | LCC = 0.9856 | SRCC = 0.9631 ]
[Valid(teacher)][32][UTT][ GML = 0.264750 | AML = 0.427247 | MoV = 0.299388 | VoV = 0.003334 ] [SYS][ GML = 0.000000 | AML = 0.010404 | MoV = 0.003376 | VoV = 0.000005 ]
Train: 100% 845/845 [03:23-00:00, 4.14 step/s]
Average loss-0.19494331369686127
Valid(teacher): 100% 3000/3000 [00:15-00:00, 198.98 step/s]
[Valid(teacher)][33][UTT][ MSE = 0.6038 | LCC = 0.6423 | SRCC = 0.6052 ] [SYS][ MSE = 0.1517 | LCC = 0.9856 | SRCC = 0.9644 ] [Valid(teacher)][33][UTT][ GML = 0.247324 | AML = 0.420070 | MoV = 0.293491 | VoV = 0.003363 ] [SYS][ GML = 0.000000 | AML = 0.000469 | MoV = 0.003322 | VoV = 0.000005 ] Train: 100% 845/845 [03:24<00:00, 4.14 step/s] Average loss=-0.21170784533923834 Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.30 step/s]
[Valid(teacher)][34][UTT][ MSE = 0.6045 | LCC = 0.6419 | SRCC = 0.6054 ] [SYS][ MSE = 0.1516 | LCC = 0.9857 | SRCC = 0.9631 ]
[Valid(teacher)][34][UTT][ GML = 0.245994 | AML = 0.426494 | MOV = 0.289553 | VoV = 0.003295 ] [SYS][ GML = 0.000000 | AML = 0.000806 | MoV = 0.003268 | VoV = 0.000005 ]
Train: 100% 845/845 [03:24<08:00, 4.13 step/s]
Average loss=-0.22665724158287048
 Average loss=-0.22665724158287048
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.06 step/s]
[Valid(teacher)][35][UTT][ MSE = 0.6000 | LCC = 0.6413 | SRCC = 0.6047 ] [SYS][ MSE = 0.1421 | LCC = 0.9858 | SRCC = 0.9644 ] [Valid(teacher)][35][UTT][ (ML = 0.243197 | AML = 0.423204 | MoV = 0.284400 | VoV = 0.003302 ] [SYS][ GML = 0.000000 | AML = 0.001839 | MoV = 0.003208 | VoV = 0.000005 ] Train: 100% 845/845 [63:24-00:00, 4.13 step/s] Average loss-0.23875311071036438 Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.72 step/s]
[Valid(teacher)][36][UTT][ MSE = 0.5846 | LCC = 0.6432 | SRCC = 0.6064 ] [SYS][ MSE = 0.1262 | LCC = 0.9864 | SRCC = 0.9617 ]
[Valid(teacher)][36][UTT][ GML = 0.248614 | AML = 0.428410 | MOV = 0.281941 | VoV = 0.003291 ] [SYS][ GML = 0.000000 | AML = 0.004231 | MOV = 0.003173 | VoV = 0.0000005 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.25203007459640503
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.67 step/s]
[Valid(teacher)][37][UTT][ MSE = 0.5920 | LCC = 0.6414 | SRCC = 0.6043 ] [SYS][ MSE = 0.1337 | LCC = 0.9860 | SRCC = 0.9617 ] [Valid(teacher)][37][UTT][ GML = 0.242100 | AML = 0.427436 | MoV = 0.277118 | VoV = 0.003181 ] [SYS][ GML = 0.000000 | AML = 0.005585 | MoV = 0.003125 | VoV = 0.000005 ] Train: 100% 845/845 [03:24<00:00, 4.14 step/s] Average loss-0.2612486855566897 Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.09 step/s]
[Valid(teacher)][38][UTT][ MSE = 0.5711 | LCC = 0.6414 | SRCC = 0.6042 ] [SYS][ MSE = 0.1104 | LCC = 0.9867 | SRCC = 0.9617 ]
[Valid(teacher)][38][UTT][ GML = 0.252803 | AML = 0.433175 | MoV = 0.276960 | VoV = 0.003006 ] [SYS][ GML = 0.000000 | AML = 0.021099 | MoV = 0.003119 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss-0.28127334961998
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.02 step/s]
[Valid(teacher)][39][UTT][ MSE = 0.5658 | LCC = 0.6413 | SRCC = 0.6048 ] [SYS][ MSE = 0.1032 | LCC = 0.9870 | SRCC = 0.9610 ] [Valid(teacher)][39][UTT][ GML = 0.253909 | AML = 0.435457 | MoV = 0.273504 | VoV = 0.002935 ] [SYS][ GML = 0.000000 | AML = 0.029905 | MoV = 0.003075 | VoV = 0.000004 ] Train: 100% 845/845 [03:24-00:00, 4.14 step/s] Average loss-0-2.901742458343506 Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.04 step/s]
[Valid(teacher)][40][UTT][ MSE = 0.5930 | LCC = 0.6385 | SRCC = 0.6025 ] [SYS][ MSE = 0.1317 | LCC = 0.9859 | SRCC = 0.9549 ] [Valid(teacher)][40][UTT][ GML = 0.236339 | AML = 0.428973 | MOV = 0.267434 | VoV = 0.002883 ] [SYS][ GML = 0.000000 | AML = 0.014917 | MoV = 0.003025 | VoV = 0.0000004 ] Train: 100% 845/845 [03:24<00:00, 4.14 step/s] Average loss=-0.30898264050483704
 Average loss=-0.308982b4050483704
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.50 step/s]
[Valid(teacher)][41][UTT][ MSE = 0.5795 | LCC = 0.6399 | SRCC = 0.6039 ] [SYS][ MSE = 0.1152 | LCC = 0.9862 | SRCC = 0.9583 ]
[Valid(teacher)][41][UTT][ GML = 0.240789 | AML = 0.433721 | MoV = 0.263577 | VoV = 0.002790 ] [SYS][ GML = 0.000000 | AML = 0.016791 | MoV = 0.002974 | VoV = 0.0000004 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=0.314905256329437
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.63 step/s]
[Valid(teacher)][42][UTT][ MSE = 0.5812 | LCC = 0.6397 | SRCC = 0.6033 ] [SYS][ MSE = 0.1171 | LCC = 0.9857 | SRCC = 0.9474 ] [Valid(teacher)][42][UTT][ GML = 0.238696 | AML = 0.433861 | MoV = 0.261395 | VoV = 0.002721 ] [SYS][ GML = 0.000000 | AML = 0.040173 | MoV = 0.002954 | VoV = 0.000000 ] Train: 100% 845/845 [03:23-00:00, 4.15 step/s] Average loss:=-0.38042[918157577515 Valid(teacher): 100% 3000/3000 [00:15-00:00, 197.08 step/s]
 [Valid(teacher)][43][UTT][ MSE = 0.5645 | LCC = 0.6403 | SRCC = 0.6037 ] [SYS][ MSE = 0.0988 | LCC = 0.9861 | SRCC = 0.9597 ] [Valid(teacher)][43][UTT][ GML = 0.245814 | AML = 0.439162 | MoV = 0.259096 | VoV = 0.002657 ] [SYS][ GML = 0.000000 | AML = 0.120977 | MoV = 0.002926 | VoV = 0.000004 ]
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Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
 Average loss=-0.3428369164466858
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.93 step/s]
[Valid(teacher)][44][UTT][ MSE = 0.5368 | LCC = 0.6419 | SRCC = 0.6057 ] [SYS][ MSE = 0.0698 | LCC = 0.9858 | SRCC = 0.9508 ]
[Valid(teacher)][44][UTT][ GML = 0.260103 | AML = 0.448436 | MoV = 0.257806 | VoV = 0.002581 ] [SYS][ GML = 0.000002 | AML = 0.381285 | MoV = 0.002902 | VoV = 0.000004 ]
Train: 100% 845/845 [63:23-00:00, 4.14 step/s]
Average loss-0.35873550176620483
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.46 step/s]
[Valid(teacher)][45][UTT][ MSE = 0.5405 | LCC = 0.6398 | SRCC = 0.6031 ] [SYS][ MSE = 0.0681 | LCC = 0.9863 | SRCC = 0.9494 ] [Valid(teacher)][45][UTT][ GML = 0.255031 | AML = 0.448082 | MoV = 0.253425 | VoV = 0.002475 ] [SYS][ GML = 0.000002 | AML = 0.383097 | MoV = 0.002853 | VoV = 0.000004 ] Train: 100% 845/845 [03:24-00:00, 4.14 step/s] Average loss--0.3632086217403412 Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.51 step/s]
[Valid(teacher)][46][UTT][ MSE = 0.5580 | LCC = 0.6394 | SRCC = 0.6027 ] [SYS][ MSE = 0.0880 | LCC = 0.9865 | SRCC = 0.9474 ] [Valid(teacher)][46][UTT][ GML = 0.244272 | AML = 0.442707 | MoV = 0.251431 | VoV = 0.002469 ] [SYS][ GML = 0.000000 | AML = 0.096758 | MoV = 0.002830 | VoV = 0.000004 ] Train: 100% 845/845 [63:24-00:00, 4.13 step/s] Average loss-0.38387][138095857 | Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.79 step/s]
[Valid(teacher)] [47] [UTT] [ MSE = 0.5552 | LCC = 0.6397 | SRCC = 0.6035 ] [SYS] [ MSE = 0.0843 | LCC = 0.9860 | SRCC = 0.9453 ] [Valid(teacher)] [47] [UTT] [ GML = 0.243457 | AML = 0.444377 | MoV = 0.247597 | VoV = 0.002391 ] [SYS] [ GML = 0.000000 | AML = 0.135890 | MoV = 0.002790 | VoV = 0.0000004 ] Train: 100% 845/845 [03:24-00:00, 4.14 step/s] Average loss:=-0.39487332106536597 Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.38 step/s]
[Valid(teacher)][48][UTT][ MSE = 0.5384 | LCC = 0.6412 | SRCC = 0.6045 ] [SYS][ MSE = 0.0692 | LCC = 0.9856 | SRCC = 0.9419 ]
[Valid(teacher)][48][UTT][ GML = 0.252053 | AML = 0.449263 | MoV = 0.245697 | VoV = 0.002327 ] [SYS][ GML = 0.000001 | AML = 0.397308 | MoV = 0.002762 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24-00:00, 4.13 step/s]
Average loss:-0.3851307702275958
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.82 step/s]
[Valid(teacher)][49][UTT][ MSE = 0.5184 | LCC = 0.6428 | SRCC = 0.6064 ] [SYS][ MSE = 0.0482 | LCC = 0.9852 | SRCC = 0.9419 ]
[Valid(teacher)][49][UTT][ GML = 0.264004 | AML = 0.455667 | MoV = 0.245038 | VoV = 0.002243 ] [SYS][ GML = 0.000159 | AML = 1.460638 | MoV = 0.002742 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23-00:00, 4.14 step/s]
Average loss-0.413179468999975
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.18 step/s]
[Valid(teacher)][51][UTT][ MSE = 0.5125 | LCC = 0.6404 | SRCC = 0.6037 ] [SYS][ MSE = 0.0364 | LCC = 0.9839 | SRCC = 0.9439 ] [Valid(teacher)][51][UTT][ GML = 0.264176 | AML = 0.459903 | MoV = 0.244043 | VoV = 0.002180 ] [SYS][ GML = 0.001758 | AML = 2.157460 | MoV = 0.002692 | VoV = 0.0000003 ]
Train: 100% 845/845 [03:23<00:00, 4.14 step/s]
Average loss=-0.4420539140701294
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.30 step/s]
[Valid(teacher)][52][UTT][ MSE = 0.5260 | LCC = 0.6383 | SRCC = 0.6020 ] [SYS][ MSE = 0.0474 | LCC = 0.9843 | SRCC = 0.9439 ] [Valid(teacher)][52][UTT][ GML = 0.251975 | AML = 0.456256 | MoV = 0.236723 | VoV = 0.002240 ] [SYS][ GML = 0.000120 | AML = 1.509055 | MoV = 0.002655 | VoV = 0.000003 ] Train: 100% 845/845 [03:23-00:00, 4.15 step/s] Average loss-0.44571396708488464 Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.41 step/s]
[Valid(teacher)][53][UTT][ MSE = 0.5243 | LCC = 0.6390 | SRCC = 0.6026 ] [SYS][ MSE = 0.0469 | LCC = 0.9845 | SRCC = 0.9432 ] [Valid(teacher)][53][UTT][ GML = 0.252240 | AML = 0.456738 | MoV = 0.235090 | VoV = 0.002121 ] [SYS][ GML = 0.000139 | AML = 1.533510 | MoV = 0.002634 | VoV = 0.000003 ] Train: 100% 845/845 [63:23-00:00, 4.14 step/s] Average loss-0.45436237321624756 Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.32 step/s]
[Valid(teacher)][54][UTT][ MSE = 0.5298 | LCC = 0.6388 | SRCC = 0.6023 ] [SYS][ MSE = 0.0549 | LCC = 0.9846 | SRCC = 0.9446 ] [Valid(teacher)][54][UTT][ GML = 0.245899 | AML = 0.455666 | MoV = 0.232090 | VoV = 0.002108 ] [SYS][ GML = 0.000020 | AML = 0.965275 | MoV = 0.002604 | VoV = 0.000003 ] Train: 100% 845/845 [03:24-00:00, 4.14 step/s] Average loss-=0.44772487879944 Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.08 step/s]
[Valid(teacher)][55][UTT][ MSE = 0.5273 | LCC = 0.6388 | SRCC = 0.6024 ] [SYS][ MSE = 0.0526 | LCC = 0.9845 | SRCC = 0.9439 ] [Valid(teacher)][55][UTT][ (ML = 0.245904 | AML = 0.457117 | MoV = 0.231512 | VoV = 0.002184 ] [SYS][ GML = 0.000032 | AML = 1.063783 | MoV = 0.002595 | VoV = 0.000003 ] Train: 100% 845/845 [03:23-00:20, 4.15 step/s]
 Average loss=-0.4708522856235504
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.63 step/s]
[Valid(teacher)][56][UTT][ MSE = 0.5090 | LCC = 0.6385 | SRCC = 0.6024 ] [SYS][ MSE = 0.0313 | LCC = 0.9829 | SRCC = 0.9405 ]
[Valid(teacher)][56][UTT][ GML = 0.259328 | AML = 0.463362 | MoV = 0.232313 | VoV = 0.002113 ] [SYS][ GML = 0.005458 | AML = 2.261399 | MoV = 0.002588 | VoV = 0.000003 ]
Train: 100% 845/845 [63:24-00:00, 4.14 step/s]
Average loss:=-0.5053180992904663
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.35 step/s]
[Valid(teacher)][57][UTT][ MSE = 0.5170 | LCC = 0.6380 | SRCC = 0.6015 ] [SYS][ MSE = 0.0412 | LCC = 0.9839 | SRCC = 0.9439 ] [Valid(teacher)][57][UTT][ GML = 0.251803 | AML = 0.461540 | MoV = 0.228140 | VoV = 0.002070 ] [SYS][ GML = 0.000516 | AML = 1.792971 | MoV = 0.002548 | VoV = 0.000003 ] Train: 100% 845/845 [03:23-08:00, 4.15 step/s] Average loss=0-5.1805512326465 Valid(teacher): 100% 3000/3000 [00:15-00:00, 198.31 step/s]
[Valid(teacher)][58][UTT][ MSE = 0.5145 | LCC = 0.6374 | SRCC = 0.6010 ] [SYS][ MSE = 0.0367 | LCC = 0.9838 | SRCC = 0.9439 ]
[Valid(teacher)][58][UTT][ GML = 0.251566 | AML = 0.462106 | MoV = 0.226740 | VoV = 0.002024 ] [SYS][ GML = 0.001534 | AML = 2.188648 | MoV = 0.002530 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00, 4.14 step/s]
Average loss:=-0.5278481064117432
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.19 step/s]
[Valid(teacher)][59][UTT][ MSE = 0.5216 | LCC = 0.6361 | SRCC = 0.5999 ] [SYS][ MSE = 0.0439 | LCC = 0.9847 | SRCC = 0.9508 ] [Valid(teacher)][59][UTT][ GML = 0.245002 | AML = 0.460409 | MoV = 0.224084 | VoV = 0.001975 ] [SYS][ GML = 0.000264 | AML = 1.595176 | MoV = 0.002506 | VoV = 0.000003 ] Train: 100% 845/845 [03:23-00:00, 4.14 step/s] Average loss-0.5316691994667033 Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.65 step/s]
 [Valid(teacher)][60][UTT][ MSE = 0.5128 | LCC = 0.6348 | SRCC = 0.5989 ] [SYS][ MSE = 0.0330 | LCC = 0.9843 | SRCC = 0.9508 ] [Valid(teacher)][60][UTT][ GML = 0.250249 | AML = 0.463750 | MoV = 0.223281 | VoV = 0.001925 ] [SYS][ GML = 0.003830 | AML = 2.175159 | MoV = 0.002491 | VoV = 0.000003 ]
[Validiteacner]][rob][Unii] (ML = 0.206249 | AML = 0.405750 | MOV = 0.225281 | VOV = 0.001925 ] [SYS][ UML = 0.00330 | AML = 2.175139 | MOV = 0.002491 | VOV = 0.000900 | Best model performance test:

Test(best): 0 % 0/4000 [00:00-7, 7 step/s]/home/x_xlian/.conda/envs/lxygpu/lib/python3.8/site-packages/torch/nn/modules/rnn.py:774: UserWarning: RNN module weights a us 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(). 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 [00:21-00:00, 187.54 step/s]
[Test(best)][61][UTT][ MSE = 0.5317 | LCC = 0.6661 | SRCC = 0.6264 ] [SYS][ MSE = 0.1070 | LCC = 0.9799 | SRCC = 0.9583 ] [Test(best)][61][UTT][ GML = 0.309490 | AML = 0.426331 | MoV = 0.363399 | VoV = 0.004428 ] [SYS][ GML = 0.000000 | AML = 0.215294 | MoV = 0.003008 | VoV = 0.000004 ] Test(last): 100% 4000/4000 [00:20<00:00, 197.48 step/s]
[Test(last)][61][UTT][ MSE = 0.4940 | LCC = 0.6497 | SRCC = 0.6189 ] [SYS][ MSE = 0.0382 | LCC = 0.9737 | SRCC = 0.9528 ] [Test(last)][61][UTT][ GML = 0.262533 | AML = 0.472770 | MoV = 0.223336 | VoV = 0.001957 ] [SYS][ GML = 0.000567 | AML = 2.155739 | MoV = 0.001833 | VoV = 0.000001 ] (lxygpu) [x_xlian@node046 ProMOSNet]$ client_loop: send disconnect: Broken pipe lxy@Hope_liang-MBA ProMOSNet %
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