```
 (lxygpu) \ [x\_xlian@node050 \ ProMoSNet]\$ \ python \ train.py --lamb\_c=1 \ --lamb\_t=0.25 \ --save\_path \ "runs/c1-t25e-2/run6" \ Loading all wav files. 
                                                                                                                                                                                                                                                                                                                                                                                                                               ■■■■■■ 54040/54040 [07:54<00:00. 113.86it/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.
                                                              _____
                                                                                                                                                                                                                                                                                                                                                                                                                                                   ■■■| 3000/3000 [01:44<00:00. 28.58it/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 [02:37<00:00. 25.42it/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
See the caveats in the Outcomentation: https://paindas.pyuataself.scores[JUDGE'][i] = self.idtable[judge_i]
Train: 100% 845/845 [03:29<00:00, 4.03 step/s]
Average loss=40733.2421875
Valid(teacher): 100% 3000/3000 [00:16<00:00, 183.89 step/s]
[Valid(teacher)][0][UTT][ MSE = 2.4048 | LCC = 0.4699 | SRCC = 0.4479 ] [SYS][ MSE = 2.2232 | LCC = 0.8222 | SRCC = 0.8215 ] [Valid(teacher)][0][UTT][ MI = 0.062958 | AML = 0.179142 | MoV = 0.573465 | VoV = 0.015590 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.006742 | VoV = 0.000036 ] Train: 100% 845/845 [03:23-00:00, 4.15 step/s].
 Average loss=0.4808911979198456
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.67 step/s]
[Valid(teacher)][1][UTT][ MSE = 0.5524 | LCC = 0.5657 | SRCC = 0.5276 ] [SYS][ MSE = 0.1399 | LCC = 0.9020 | SRCC = 0.8550 ] [Valid(teacher)][1][UTT][ GML = 0.323303 | AML = 0.368300 | MoV = 0.608244 | VoV = 0.012049 ] [SYS][ GML = 0.002943 | AML = 1.159651 | MoV = 0.007235 | VoV = 0.000043 ] Train: 100% 845/845 [03:22<00:00, 4.17 step/s] Average loss=0.4002962112426758
Average LOSS=0.400Z90Z11Z4Z07J0
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.91 step/s]
[Valid(teacher)][2][UTT][ MSE = 0.5268 | LCC = 0.6004 | SRCC = 0.5513 ] [SYS][ MSE = 0.0937 | LCC = 0.9404 | SRCC = 0.8680 ] [Valid(teacher)][2][UTT][ GML = 0.331143 | AML = 0.385653 | MoV = 0.534009 | VoV = 0.006112 ] [SYS][ GML = 0.004326 | AML = 1.032614 | MoV = 0.006244 | VoV = 0.000027 ] Train: 100% 845/845 [03:22-00:00, 4.17 step/s] Average loss=0.3687903047943115 Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.07 step/s]
[Valid(teacher)][3][UTT][ MSE = 0.7253 | LCC = 0.6068 | SRCC = 0.5558 ] [SYS][ MSE = 0.2910 | LCC = 0.9561 | SRCC = 0.8797 ] [Valid(teacher)][3][UTT][ GML = 0.255748 | AML = 0.362735 | MoV = 0.461718 | VoV = 0.007295 ] [SYS][ GML = 0.0000000 | AML = 0.005557 | MoV = 0.005375 | VoV = 0.000019 ] Train: 100% 845/845 [03:22-00:00, 4.16 step/s] Average loss=0.34045007284299756 Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.94 step/s]
[Valid(teacher)][4][UTT][ MSE = 0.8504 | LCC = 0.6068 | SRCC = 0.5550 ] [SYS][ MSE = 0.3987 | LCC = 0.9622 | SRCC = 0.9056 ] [Valid(teacher)][4][UTT][ GML = 0.205120 | AML = 0.345646 | MoV = 0.426436 | VoV = 0.007886 ] [SYS][ GML = 0.000000 | AML = 0.000005 | MoV = 0.004912 | VoV = 0.000015 ] Train: 100% 845/845 [03:23-00:00, 4.15 step/s] Average loss=0.32087393345947 Valid(teacher): 100% 3000/3000 [00:15<00:00, 190.94 step/s]
[Valid(teacher)][5][UTT][ MSE = 0.7960 | LCC = 0.6104 | SRCC = 0.5579 ] [SYS][ MSE = 0.3470 | LCC = 0.9653 | SRCC = 0.9015 ] [Valid(teacher)][5][UTT][ GML = 0.225687 | AML = 0.355936 | MoV = 0.432173 | VoV = 0.007229 ] [SYS][ GML = 0.000000 | AML = 0.000038 | MoV = 0.004950 | VoV = 0.000014 ] Train: 100% 845/845 [03:23-00:00, 4.15 step/s] Average loss=0.3555998750686646 Valid(teacher): 100% 3000/3000 [00:15<00:00, 190.38 step/s]
[Valid(teacher)][6][UTT][ MSE = 0.6827 | LCC = 0.6196 | SRCC = 0.5675 ] [SYS][ MSE = 0.2403 | LCC = 0.9680 | SRCC = 0.9132 ]
[Valid(teacher)][6][UTT][ GML = 0.269099 | AML = 0.374730 | MoV = 0.443444 | VoV = 0.005684 ] [SYS][ GML = 0.000000 | AML = 0.003270 | MoV = 0.005021 | VoV = 0.000013 ]
Train: 100% 845/845 [63:23-600:60, 4.16 step/s]
Average loss=0.26617361187934875
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.85 step/s]
[Valid(teacher)][7][UTT][ MSE = 0.6951 | LCC = 0.6236 | SRCC = 0.5723 ] [SYS][ MSE = 0.2556 | LCC = 0.9698 | SRCC = 0.9193 ] [Valid(teacher)][7][UTT][ GML = 0.265758 | AML = 0.373471 | MoV = 0.437335 | VoV = 0.005292 ] [SYS][ GML = 0.000000 | AML = 0.001336 | MoV = 0.004926 | VoV = 0.000012 ] Train: 100% 845/845 [03:23-00:00, 4.15 step/s] Average loss-0.271495998825073 Valid(teacher): 100% 3000/3000 [00:15-00:00, 194.15 step/s]
[Valid(teacher)][8][UTT][ MSE = 0.7010 | LCC = 0.6286 | SRCC = 0.5788 ] [SYS][ MSE = 0.2678 | LCC = 0.9714 | SRCC = 0.9125 ]
[Valid(teacher)][8][UTT][ GML = 0.264705 | AML = 0.372718 | MoV = 0.431912 | VoV = 0.004913 ] [SYS][ GML = 0.000000 | AML = 0.001691 | MoV = 0.004855 | VoV = 0.000011 ]
Train: 100% 845/845 [03:23-00:00, 4.16 step/s]
Average loss=0.25760617852211
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.13 step/s]
[Valid(teacher)][9][UTT][ MSE = 0.6906 | LCC = 0.6324 | SRCC = 0.5830 ] [SYS][ MSE = 0.2595 | LCC = 0.9737 | SRCC = 0.9159 ] [Valid(teacher)][9][UTT][ GML = 0.268293 | AML = 0.375359 | MoV = 0.426060 | VoV = 0.004363 ] [SYS][ GML = 0.000000 | AML = 0.002542 | MoV = 0.004770 | VoV = 0.000011 ] Train: 100% 845/845 [03:23-00:00, 4.15 step/s] Average loss=0.4340683115558624 Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.25 step/s]
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[Valid(teacher)][10][UTT][ MSE = 0.6563 | LCC = 0.6380 | SRCC = 0.5895 ] [SYS][ MSE = 0.2288 | LCC = 0.9752 | SRCC = 0.9193 ] [Valid(teacher)][10][UTT][ (ML = 0.280151 | AML = 0.382282 | MoV = 0.422653 | VoV = 0.003968 ] [SYS][ GML = 0.0000000 | AML = 0.019248 | MoV = 0.004713 | VoV = 0.000010 ] Train: 100% 45/5845 [03:24-00:00, 4.14 steps/3] Average loss=0.2310633659362793 Average loss=0.2310633659362793 Valid(teacher): 100% 3000/3000 [00:15-00:00, 195.15 step/s]

[Valid(teacher)][11][UTT][ MSE = 0.6330 | LCC = 0.6423 | SRCC = 0.5953 ] [SYS][ MSE = 0.2102 | LCC = 0.9755 | SRCC = 0.9193 ] [Valid(teacher)][11][UTT][ GML = 0.288116 | AML = 0.387169 | MoV = 0.418527 | VoV = 0.003591 ] [SYS][ GML = 0.000000 | AML = 0.049440 | MoV = 0.004661 | VoV = 0.000010 ] Train: 100% 845/845 [03:22~00:00, 4.17 step/s] Average loss=0.21566382524967194 Valid(teacher): 100% 3000/3000 [00:15~00:00, 194.76 step/s]

[Valid(teacher)][12][UTT][ MSE = 0.6287 | LCC = 0.6448 | SRCC = 0.5998 ] [SYS][ MSE = 0.2101 | LCC = 0.9751 | SRCC = 0.9084 ] [Valid(teacher)][12][UTT][ (ML = 0.28659) | AML = 0.388879 | MV = 0.412976 | VoV = 0.003435 ] [SYS][ (ML = 0.000000 | AML = 0.074321 | MoV = 0.004607 | VoV = 0.000009 ] Train: 100% 45(7845 [03:24-00:00, 4:13 step/s])

Average loss=0.20462796092033386 Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.51 step/s]

[Valid(teacher)][13][UTT][ MSE = 0.6354 | LCC = 0.6458 | SRCC = 0.6024 ] [SYS][ MSE = 0.2172 | LCC = 0.9765 | SRCC = 0.9152 ] [Valid(teacher)][13][UTT][ GML = 0.285467 | AML = 0.388417 | MoV = 0.408015 | VoV = 0.003222 ] [SYS][ GML = 0.000000 | AML = 0.048232 | MoV = 0.004546 | VoV = 0.000000 ] Train: 100% 845/845 [03:23<00:00, 4.15 step/s] Average loss=0.18988412618637085

Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.04 step/s]

[Valid(teacher)] [14] [UTT] [ MSE = 0.5888 | LCC = 0.6522 | SRCC = 0.6089 ] [SYS] [ MSE = 0.1720 | LCC = 0.9787 | SRCC = 0.9179 ] [Valid(teacher)] [14] [UTT] [ GML = 0.301854 | AML = 0.398915 | MoV = 0.404502 | VoV = 0.003010 ] [SYS] [ GML = 0.000000 | AML = 0.101942 | MoV = 0.004489 | VoV = 0.000009 ] Train: 100% 845/845 [03:23-00:00, 4.15 step/s] Average loss=0.1782441848279251 Valid(teacher): 100% 3000/3000 [00:15-00:00, 192.86 step/s]

[Valid(teacher)][15][UTT][ MSE = 0.5563 | LCC = 0.6554 | SRCC = 0.6120 ] [SYS][ MSE = 0.1395 | LCC = 0.9801 | SRCC = 0.9289 ] [Valid(teacher)][15][UTT][ GML = 0.313883 | AML = 0.406615 | MoV = 0.401842 | VoV = 0.002834 ] [SYS][ GML = 0.000000 | AML = 0.184465 | MoV = 0.004442 | VoV = 0.000008 ] Train: 100% 845/845 [03:24-00:00, 4.14 step/s] Average loss=0.1656239309071869 Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.20 step/s]

[Valid(teacher)][16][UTT][ MSE = 0.5255 | LCC = 0.6595 | SRCC = 0.6160 ] [SYS][ MSE = 0.1088 | LCC = 0.9814 | SRCC = 0.9275 ]
[Valid(teacher)][16][UTT][ GML = 0.325616 | AML = 0.414802 | MoV = 0.396266 | VoV = 0.002637 ] [SYS][ GML = 0.000003 | AML = 0.293114 | MoV = 0.004365 | VoV = 0.000007 ]
Train: 100% 845/845 [83:24-00:00, 4.13 step/s]
Average loss: 0.1580793679904938
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.38 step/s]

[Valid(teacher)][17][UTT][ MSE = 0.5224 | LCC = 0.6605 | SRCC = 0.6183 ] [SYS][ MSE = 0.1063 | LCC = 0.9823 | SRCC = 0.9357 ]
[Valid(teacher)][17][UTT][ GML = 0.325910 | AML = 0.416643 | MoV = 0.390858 | VoV = 0.002605 ] [SYS][ GML = 0.000003 | AML = 0.272197 | MoV = 0.004312 | VoV = 0.000007 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=0.145044524049732208
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.76 step/s]

[Valid(teacher)][18][UTT][ MSE = 0.5158 | LCC = 0.6609 | SRCC = 0.6190 ] [SYS][ MSE = 0.0990 | LCC = 0.9819 | SRCC = 0.9268 ] [Valid(teacher)][18][UTT][ (ML = 0.327619 | AML = 0.419779 | MoV = 0.385558 | VoV = 0.002609 ] [SYS][ (ML = 0.000007 | AML = 0.297292 | MoV = 0.004250 | VoV = 0.000007 ] Train: 100% 45/545 [ 03:23-00:00, 4.15 steps].

Average loss=0.13265308737754822 Valid(teacher): 100% 3000/3000 [00:16<00:00, 186.49 step/s]

[Valid(teacher)][19][UTT][ MSE = 0.5138 | LCC = 0.6606 | SRCC = 0.6196 ] [SYS][ MSE = 0.0966 | LCC = 0.9821 | SRCC = 0.9268 ] [Valid(teacher)][19][UTT][ (ML = 0.327278 | AML = 0.421525 | MOV = 0.380237 | VoV = 0.0802496 ] [SYS][ (ML = 0.080809 | AML = 0.299188 | MOV = 0.084194 | VoV = 0.0808097 ] Train: 100% 45/5845 [03:24-00:00, 4.13 step/s]

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Average loss=0.11891069263219833
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.43 step/s]
| Valid(teacher)|[20][UTT][ MSE = 0.5181 | LCC = 0.6610 | SRCC = 0.6206 ] [SYS][ MSE = 0.1008 | LCC = 0.9827 | SRCC = 0.9364 ] [Valid(teacher)|[20][UTT][ GML = 0.324426 | AML = 0.421450 | MoV = 0.374503 | VoV = 0.002454 ] [SYS][ GML = 0.000004 | AML = 0.231208 | MoV = 0.004127 | VoV = 0.000007 ] Train: 100% 845/845 [83:25-00:00, 4.12 step/s] Average loss=0.10610348731279373 Valid(teacher): 100% 3000/3000 [00:15-00:00, 192.99 step/s]
[Valid(teacher)][21][UTT][ MSE = 0.5187 | LCC = 0.6599 | SRCC = 0.6204 ] [SYS][ MSE = 0.1007 | LCC = 0.9829 | SRCC = 0.9419 ] [Valid(teacher)][21][UTT][ GML = 0.322699 | AML = 0.422196 | MoV = 0.368734 | VoV = 0.002408 ] [SYS][ GML = 0.000003 | AML = 0.234138 | MoV = 0.004069 | VoV = 0.000007 ] Train: 100% 845/845 [03:25-60:00, 4.11 step/s] Average loss-0.09441211074590633 Valid(teacher): 100% 3000/3000 [00:15-60:00, 196.38 step/s]
Irain: 100% 845/845 [03:24<00:00, 4.14 Step/s]
Average loss=0.08228909969329834
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.22 step/s]</pre>
[Valid(teacher)][23][UTT][ MSE = 0.4957 | LCC = 0.6620 | SRCC = 0.6234 ] [SYS][ MSE = 0.0774 | LCC = 0.9829 | SRCC = 0.9460 ]
[Valid(teacher)][23][UTT][ GML = 0.331206 | AML = 0.430774 | MoV = 0.359104 | VoV = 0.002203 ] [SYS][ GML = 0.000082 | AML = 0.477175 | MoV = 0.003953 | VoV = 0.000006 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=0.06869445741176605
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.34 step/s]
[Valid(teacher)][24][UTT][ MSE = 0.4756 | LCC = 0.6628 | SRCC = 0.6247 ] [SYS][ MSE = 0.0555 | LCC = 0.9828 | SRCC = 0.9460 ] [Valid(teacher)][24][UTT][ GML = 0.339697 | AML = 0.437906 | MoV = 0.352696 | VoV = 0.002130 ] [SYS][ GML = 0.001856 | AML = 1.099886 | MoV = 0.003876 | VoV = 0.000006 ] Train: 100% 845/845 [03:24-00:00, 4.12 step/s] Average loss=0.06261516237138367 Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.63 step/s]
[Valid(teacher)][25][UTT][ MSE = 0.4936 | LCC = 0.6619 | SRCC = 0.6247 ] [SYS][ MSE = 0.0746 | LCC = 0.9841 | SRCC = 0.9508 ] [Valid(teacher)][25][UTT][ GML = 0.329474 | AML = 0.433748 | MoV = 0.348049 | VoV = 0.002136 ] [SYS][ GML = 0.000100 | AML = 0.405288 | MoV = 0.003832 | VoV = 0.000006 ] Train: 100% 845/845 [03:24-00:00, 4.12 step/s] Average loss=0.04538889634267426 Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.01 step/s]
[Valid(teacher)][26][UTT][ MSE = 0.4996 | LCC = 0.6613 | SRCC = 0.6247 ] [SYS][ MSE = 0.0789 | LCC = 0.9842 | SRCC = 0.9487 ]
[Valid(teacher)][26][UTT][ GML = 0.324364 | AML = 0.433956 | MoV = 0.340418 | VoV = 0.002099 ] [SYS][ GML = 0.000036 | AML = 0.303778 | MoV = 0.003751 | VoV = 0.000006 ]
Train: 100% 845/845 [63:24-00:00, 4.14 step/s]
Average loss=0.03552529790997565
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.99 step/s]
[Valid(teacher)][27][UTT][ MSE = 0.5089 | LCC = 0.6594 | SRCC = 0.6231 ] [SYS][ MSE = 0.0883 | LCC = 0.9834 | SRCC = 0.9480 ] [Valid(teacher)][27][UTT][ GML = 0.318203 | AML = 0.432346 | MoV = 0.336375 | VoV = 0.002187 ] [SYS][ GML = 0.000007 | AML = 0.247248 | MoV = 0.003716 | VoV = 0.000006 ] Train: 100% 845/845 [03:24-00:00, 4.13 step/s] Average loss=0.024111004546284676 Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.95 step/s]
[Valid(teacher)][28][UTT][ MSE = 0.4951 | LCC = 0.6592 | SRCC = 0.6237 ] [SYS][ MSE = 0.0734 | LCC = 0.9832 | SRCC = 0.9480 ] [Valid(teacher)][28][UTT][ GML = 0.323650 | AML = 0.437357 | MoV = 0.331676 | VoV = 0.002130 ] [SYS][ GML = 0.000078 | AML = 0.515402 | MoV = 0.003657 | VoV = 0.000005 ] Train: 100% 845/845 [03:23-00:00, 4.15 step/s] Average loss=0.020853206515312195 Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.38 step/s]
[Valid(teacher)][29][UTT][ MSE = 0.4712 | LCC = 0.6600 | SRCC = 0.6249 ] [SYS][ MSE = 0.0481 | LCC = 0.9824 | SRCC = 0.9487 ]
[Valid(teacher)][29][UTT][ GML = 0.335015 | AML = 0.445792 | MoV = 0.327484 | VoV = 0.002040 ] [SYS][ GML = 0.004590 | AML = 1.578746 | MoV = 0.003603 | VoV = 0.000005 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=0.007421797141432762
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.28 step/s]
[Valid(teacher)][30][UTT][ MSE = 0.4757 | LCC = 0.6585 | SRCC = 0.6235 ] [SYS][ MSE = 0.0510 | LCC = 0.9823 | SRCC = 0.9487 ]
[Valid(teacher)][30][UTT][ GML = 0.330503 | AML = 0.446147 | MoV = 0.322454 | VoV = 0.002103 ] [SYS][ GML = 0.002549 | AML = 1.449419 | MoV = 0.003552 | VoV = 0.000005 ]
Train: 100% 845/45 [03:24<00:00, 4.13 step/s]
Average loss=-0.00173376849852590235
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.38 step/s]
[Valid(teacher)][31][UTT][ MSE = 0.4779 | LCC = 0.6572 | SRCC = 0.6225 ] [SYS][ MSE = 0.0519 | LCC = 0.9822 | SRCC = 0.9487 ] [Valid(teacher)][31][UTT][ GML = 0.327705 | AML = 0.447032 | MoV = 0.317789 | VoV = 0.002046 ] [SYS][ GML = 0.001959 | AML = 1.451868 | MoV = 0.003505 | VoV = 0.000005 ] Train: 100% 845/845 [03:24<00:00, 4.14 step/s] Average loss=-0.01566590555012226
 Average loss=-0.0156659055501222b
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.05 step/s]
[Valid(teacher)][32][UTT][ MSE = 0.4764 | LCC = 0.6571 | SRCC = 0.6229 ] [SYS][ MSE = 0.0509 | LCC = 0.9831 | SRCC = 0.9521 ] [Valid(teacher)][32][UTT][ GML = 0.326801 | AML = 0.448023 | MoV = 0.313474 | VoV = 0.002089 ] [SYS][ GML = 0.002255 | AML = 1.431160 | MoV = 0.003454 | VoV = 0.000005 ] Train: 100% 845/845 [03:24-00:00, 4.13 step/s] Average loss-0.0241149C667722679 Valid(teacher): 100% 3000/3000 [00:15-00:00, 195.64 step/s]
[Valid(teacher)][33][UTT][ MSE = 0.4758 | LCC = 0.6557 | SRCC = 0.6217 ] [SYS][ MSE = 0.0493 | LCC = 0.9828 | SRCC = 0.9521 ] [Valid(teacher)][33][UTT][ (ML = 0.326158 | AML = 0.448937 | MoV = 0.309728 | VoV = 0.002046 ] [SYS][ (ML = 0.002844 | AML = 1.535866 | MoV = 0.003410 | VoV = 0.000005 ] Train: 100% 845/845 [03:24-00:00, 4.12 step/s] Average loss=-0.030011143535375595 Valid(teacher): 100% 3000/3000 [00:15-00:00, 194.14 step/s]
[Valid(teacher)][34][UTT][ MSE = 0.4805 | LCC = 0.6548 | SRCC = 0.6205 ] [SYS][ MSE = 0.0527 | LCC = 0.9828 | SRCC = 0.9487 ] [Valid(teacher)][34][UTT][ GML = 0.321143 | AML = 0.448823 | MOV = 0.304882 | VoV = 0.002119 ] [SYS][ GML = 0.001219 | AML = 1.306892 | MoV = 0.003360 | VoV = 0.000005 ] Train: 100% 845/845 [03:24<00:00, 4.14 step/s] Average loss=-0.0400338822245598
 Average loss=-0.04003838822245598
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.15 step/s]
[Valid(teacher)][35][UTT][ MSE = 0.4641 | LCC = 0.6553 | SRCC = 0.6215 ] [SYS][ MSE = 0.0349 | LCC = 0.9819 | SRCC = 0.9432 ]
[Valid(teacher)][35][UTT][ (ML = 0.328589 | AML = 0.455659 | MoV = 0.299771 | VoV = 0.002064 ] [SYS][ GML = 0.028052 | AML = 2.624189 | MoV = 0.003297 | VoV = 0.000004 ]
Train: 100% 845/845 [63:24-00:00, 4.14 step/s]
Average loss-0.403997474014759064
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.50 step/s]
[Valid(teacher)][36][UTT][ MSE = 0.4631 | LCC = 0.6552 | SRCC = 0.6215 ] [SYS][ MSE = 0.0329 | LCC = 0.9819 | SRCC = 0.9474 ] [Valid(teacher)][36][UTT][ GML = 0.327862 | AML = 0.457296 | MoV = 0.296596 | VoV = 0.002064 ] [SYS][ GML = 0.038418 | AML = 2.755950 | MoV = 0.003262 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.05844193324446678
Valid(teacher): 100% 3000/3000 [00:15<00:00, 190.39 step/s]
[Valid(teacher)][37][UTT][ MSE = 0.4646 | LCC = 0.6554 | SRCC = 0.6214 ] [SYS][ MSE = 0.0372 | LCC = 0.9823 | SRCC = 0.9474 ] [Valid(teacher)][37][UTT][ GML = 0.326115 | AML = 0.456924 | MoV = 0.293847 | VoV = 0.002064 ] [SYS][ GML = 0.020331 | AML = 2.521690 | MoV = 0.003234 | VoV = 0.000004 ] Train: 100% 845/845 [03:24<00:00, 4.14 step/s] Average loss-0.0620586086273193 Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.73 step/s]
[Valid(teacher)][38][UTT][ MSE = 0.4745 | LCC = 0.6531 | SRCC = 0.6183 ] [SYS][ MSE = 0.0450 | LCC = 0.9825 | SRCC = 0.9439 ]
[Valid(teacher)][38][UTT][ GML = 0.319926 | AML = 0.454810 | MoV = 0.290571 | VoV = 0.002034 ] [SYS][ GML = 0.004784 | AML = 1.853034 | MoV = 0.003202 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.074277363717556
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.93 step/s]
[Valid(teacher)][39][UTT][ MSE = 0.4714 | LCC = 0.6511 | SRCC = 0.6170 ] [SYS][ MSE = 0.0399 | LCC = 0.9819 | SRCC = 0.9432 ] [Valid(teacher)][39][UTT][ GML = 0.318547 | AML = 0.456961 | MoV = 0.286044 | VoV = 0.002025 ] [SYS][ GML = 0.011815 | AML = 2.328957 | MoV = 0.003152 | VoV = 0.000004 ] Train: 100% 845/845 [03:25-00:00, 4.12 step/s] Average loss—0.085408675155273 Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.22 step/s]
[Valid(teacher)][40][UTT][ MSE = 0.4767 | LCC = 0.6505 | SRCC = 0.6165 ] [SYS][ MSE = 0.0441 | LCC = 0.9810 | SRCC = 0.9439 ] [Valid(teacher)][40][UTT][ GML = 0.313325 | AML = 0.456830 | MoV = 0.280997 | VoV = 0.001967 ] [SYS][ GML = 0.004390 | AML = 1.923933 | MoV = 0.003103 | VoV = 0.000004 ] Train: 100% 845/845 [03:24<00:00, 4.14 step/s] Average loss=-0.08958474546670914
 Average loss=-0.089584/454bb/0914
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.87 step/s]
[Valid(teacher)][41][UTT][ MSE = 0.4760 | LCC = 0.6484 | SRCC = 0.6143 ] [SYS][ MSE = 0.0428 | LCC = 0.9801 | SRCC = 0.9446 ] [Valid(teacher)][41][UTT][ GML = 0.312193 | AML = 0.458054 | MoV = 0.277262 | VoV = 0.001971 ] [SYS][ GML = 0.005889 | AML = 2.349177 | MoV = 0.003058 | VoV = 0.000004 ] Train: 100% 845/845 [63:24-600:00, 4.12 step/s] Average loss-0.1001433656234222 Valid(teacher): 100% 3000/3000 [00:15-60:00, 192.16 step/s]
[Valid(teacher)][42][UTT][ MSE = 0.4773 | LCC = 0.6484 | SRCC = 0.6136 ] [SYS][ MSE = 0.0459 | LCC = 0.9804 | SRCC = 0.9432 ] [Valid(teacher)][42][UTT][ GML = 0.310390 | AML = 0.458158 | MoV = 0.274143 | VoV = 0.001900 ] [SYS][ GML = 0.003604 | AML = 2.204710 | MoV = 0.003028 | VoV = 0.000004 ] Train: 100% 845/845 [03:23-00:00, 4.14 step/s] Average loss:=-0.109135(57549709396 Valid(teacher): 100% 3000/3000 [00:15-00:00, 194.54 step/s]
 [Valid(teacher)][43][UTT][ MSE = 0.4707 | LCC = 0.6463 | SRCC = 0.6114 ] [SYS][ MSE = 0.0367 | LCC = 0.9799 | SRCC = 0.9446 ] [Valid(teacher)][43][UTT][ GML = 0.314424 | AML = 0.460539 | MoV = 0.273382 | VoV = 0.00120 ] [SYS][ GML = 0.023080 | AML = 2.976990 | MoV = 0.003007 | VoV = 0.000004 ]
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Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=-0.11497411131858826
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.41 step/s]
[Valid(teacher)][44][UTT][ MSE = 0.4724 | LCC = 0.6456 | SRCC = 0.6108 ] [SYS][ MSE = 0.0376 | LCC = 0.9795 | SRCC = 0.9446 ]
[Valid(teacher)][44][UTT][ GML = 0.311139 | AML = 0.461115 | MoV = 0.270594 | VoV = 0.002016 ] [SYS][ GML = 0.016759 | AML = 2.850308 | MoV = 0.002976 | VoV = 0.000004 ]
Train: 100% 845/845 [83:24-00:00, 4.12 step/s]
Average loss-0.1159937542734146
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.24 step/s]
[Valid(teacher)][45][UTT][ MSE = 0.4793 | LCC = 0.6457 | SRCC = 0.6110 ] [SYS][ MSE = 0.0462 | LCC = 0.9806 | SRCC = 0.9446 ] [Valid(teacher)][45][UTT][ GML = 0.304505 | AML = 0.458998 | MoV = 0.267747 | VoV = 0.002040 ] [SYS][ GML = 0.003219 | AML = 2.207724 | MoV = 0.002957 | VoV = 0.000004 ] Train: 100% 845/845 [03:25-00:00, 4.11 step/s] Average loss-0-13574803745867157 Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.46 step/s]
[Valid(teacher)][46][UTT][ MSE = 0.4748 | LCC = 0.6443 | SRCC = 0.6096 ] [SYS][ MSE = 0.0403 | LCC = 0.9804 | SRCC = 0.9446 ] [Valid(teacher)][46][UTT][ GML = 0.306772 | AML = 0.460805 | MoV = 0.265657 | VoV = 0.001903 ] [SYS][ GML = 0.010564 | AML = 2.723158 | MoV = 0.002928 | VoV = 0.000004 ] Train: 100% 845/845 [63:24-00:00, 4.13 step/s] Average loss-0.13799618143566498 Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.75 step/s]
[Valid(teacher)] [47] [UTT] [ MSE = 0.4700 | LCC = 0.6454 | SRCC = 0.6109 ] [SYS] [ MSE = 0.0380 | LCC = 0.9802 | SRCC = 0.9419 ] [Valid(teacher)] [47] [UTT] [ GML = 0.308078 | AML = 0.462719 | MoV = 0.262728 | VoV = 0.001940 ] [SYS] [ GML = 0.018509 | AML = 2.869964 | MoV = 0.002900 | VoV = 0.000004 ] Train: 100% 845/845 [03:25<00:00, 4.11 step/s] Average loss=0.15209750770772 Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.39 step/s]
[Valid(teacher)][48][UTT][ MSE = 0.4704 | LCC = 0.6435 | SRCC = 0.6090 ] [SYS][ MSE = 0.0353 | LCC = 0.9794 | SRCC = 0.9432 ] [Valid(teacher)][48][UTT][ GML = 0.305213 | AML = 0.464110 | MoV = 0.257511 | VoV = 0.001889 ] [SYS][ GML = 0.026694 | AML = 3.061111 | MoV = 0.002840 | VoV = 0.000003 ] Train: 100% 845/845 [03:25-00:00, 4.12 step/s] Average loss-0-16702818870544434 Valid(teacher): 100% 3000/3000 [00:15-00:00, 192.45 step/s]
[Valid(teacher)][49][UTT][ MSE = 0.4827 | LCC = 0.6407 | SRCC = 0.6058 ] [SYS][ MSE = 0.0482 | LCC = 0.9784 | SRCC = 0.9432 ] [Valid(teacher)][49][UTT][ GML = 0.294899 | AML = 0.460252 | MOV = 0.254603 | VoV = 0.001870 ] [SYS][ GML = 0.001995 | AML = 2.158811 | MoV = 0.002813 | VoV = 0.000003 ] Train: 100% 845/845 [03:25-00:00, 4.12 step/s] Average loss=-0.16425108909606934
 Average loss=-0.16425108909606934
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.82 step/s]
[Valid(teacher)][50][UTT][ MSE = 0.4852 | LCC = 0.6400 | SRCC = 0.6053 ] [SYS][ MSE = 0.0510 | LCC = 0.9773 | SRCC = 0.9432 ]
[Valid(teacher)][50][UTT][ (ML = 0.291827 | AML = 0.460128 | MoV = 0.252460 | VoV = 0.001849 ] [SYS][ GML = 0.001071 | AML = 2.049154 | MoV = 0.002788 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24-00:00, 4.13 step/s]
Average loss=0-17966527374286552
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.11 step/s]
 [Valid(teacher)][51][UTT][ MSE = 0.4737 | LCC = 0.6401 | SRCC = 0.6057 ] [SYS][ MSE = 0.0387 | LCC = 0.9767 | SRCC = 0.9432 ] [Valid(teacher)][51][UTT][ GML = 0.298270 | AML = 0.465853 | MoV = 0.248772 | VoV = 0.001736 ] [SYS][ GML = 0.012916 | AML = 2.878876 | MoV = 0.002739 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.184524804353714
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.43 step/s]
[Valid(teacher)][52][UTT][ MSE = 0.4823 | LCC = 0.6391 | SRCC = 0.6051 ] [SYS][ MSE = 0.0480 | LCC = 0.9770 | SRCC = 0.9432 ] [Valid(teacher)][52][UTT][ GML = 0.290525 | AML = 0.463232 | MoV = 0.246819 | VoV = 0.001757 ] [SYS][ GML = 0.001947 | AML = 2.239754 | MoV = 0.002727 | VoV = 0.000003 ] Train: 100% 845/845 [03:25-00:00, 4.11 step/s] Average loss-0-190527649670706683 Valid(teacher): 100% 3000/3000 [00:15-00:00, 197.73 step/s]
[Valid(teacher)][53][UTT][ MSE = 0.4765 | LCC = 0.6407 | SRCC = 0.6074 | [SYS][ MSE = 0.0424 | LCC = 0.9774 | SRCC = 0.9419 ]
[Valid(teacher)][53][UTT][ GML = 0.291630 | AML = 0.466712 | MoV = 0.242709 | VoV = 0.001723 ] [SYS][ GML = 0.005648 | AML = 2.656677 | MoV = 0.002678 | VoV = 0.000003 ]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss-0-192821481862606818
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.12 step/s]
[Valid(teacher)][54][UTT][ MSE = 0.4717 | LCC = 0.6412 | SRCC = 0.6075 ] [SYS][ MSE = 0.0377 | LCC = 0.9792 | SRCC = 0.9439 ]
[Valid(teacher)][54][UTT][ GML = 0.292752 | AML = 0.469015 | MoV = 0.238705 | VoV = 0.001626 ] [SYS][ GML = 0.014968 | AML = 2.881785 | MoV = 0.002633 | VoV = 0.000003 ]
Train: 100% 845/845 [03:25-60:00, 4.12 step/s]
Average loss-0-0.20582934979132
Valid(teacher): 100% 3000/3000 [00:15-60:00, 194.54 step/s]
[Valid(teacher)][55][UTT][ MSE = 0.4661 | LCC = 0.6409 | SRCC = 0.6072 ] [SYS][ MSE = 0.0300 | LCC = 0.9790 | SRCC = 0.9439 ] [Valid(teacher)][55][UTT][ (ML = 0.296284 | AML = 0.471257 | MoV = 0.237121 | VoV = 0.001657 ] [SYS][ GML = 0.068279 | AML = 2.650931 | MoV = 0.002610 | VoV = 0.000003 ] Train: 100% 845/845 [03:25-00:20, 4.12 step/s]
 Average loss=-0.2176472693681717
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.38 step/s]
[Valid(teacher)][56][UTT][ MSE = 0.4670 | LCC = 0.6409 | SRCC = 0.6075 ] [SYS][ MSE = 0.0311 | LCC = 0.9789 | SRCC = 0.9474 ]
[Valid(teacher)][56][UTT][ GML = 0.293314 | AML = 0.471983 | MoV = 0.233753 | VoV = 0.001673 ] [SYS][ GML = 0.045705 | AML = 2.677643 | MoV = 0.002567 | VoV = 0.000003 ]
Train: 100% 845/845 [63:24-600:00, 4.13 step/s]
Average loss-0.22454723186130524
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.22 step/s]
[Valid(teacher)][57][UTT][ MSE = 0.4664 | LCC = 0.6397 | SRCC = 0.6064 ] [SYS][ MSE = 0.0279 | LCC = 0.9793 | SRCC = 0.9494 ] [Valid(teacher)][57][UTT][ GML = 0.292522 | AML = 0.473663 | MoV = 0.230770 | VoV = 0.001619 ] [SYS][ GML = 0.080279 | AML = 2.612631 | MoV = 0.002529 | VoV = 0.000003 ] Train: 100% 845/845 [03:25<00:00, 4.12 step/s] Average loss=0-234686555455017 Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.14 step/s]
[Valid(teacher)][58][UTT][ MSE = 0.4660 | LCC = 0.6379 | SRCC = 0.6050 ] [SYS][ MSE = 0.0266 | LCC = 0.9796 | SRCC = 0.9549 ] [Valid(teacher)][58][UTT][ GML = 0.290614 | AML = 0.475277 | MoV = 0.227014 | VoV = 0.001579 ] [SYS][ GML = 0.103826 | AML = 2.256884 | MoV = 0.002486 | VoV = 0.000003 ] Train: 100% 845/845 [03:24<00:00, 4.13 step/s] Average loss=0.237897533019809723 Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.03 step/s]
[Valid(teacher)][59][UTT][ MSE = 0.4676 | LCC = 0.6373 | SRCC = 0.6039 ] [SYS][ MSE = 0.0285 | LCC = 0.9799 | SRCC = 0.9549 ] [Valid(teacher)][59][UTT][ GML = 0.287827 | AML = 0.474639 | MoV = 0.226075 | VoV = 0.001622 ] [SYS][ GML = 0.081192 | AML = 2.467240 | MoV = 0.002478 | VoV = 0.000003 ] Train: 100% 845/845 [03:23-00:00, 4.15 step/s] Average loss-0.2433355134792328 Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.54 step/s]
 [Valid(teacher)][60][UTT][ MSE = 0.4678 | LCC = 0.6370 | SRCC = 0.6036 ] [SYS][ MSE = 0.0298 | LCC = 0.9796 | SRCC = 0.9528 ] [Valid(teacher)][60][UTT][ GML = 0.286839 | AML = 0.475002 | MoV = 0.224185 | VoV = 0.001539 ] [SYS][ GML = 0.066538 | AML = 2.524557 | MoV = 0.002461 | VoV = 0.000003 ]
[Validiteacner]][rob][Unii] (Mr. = 0.20039 | AML = 0.475002 | Mov = 0.22418) | Vov = 0.00139 | [STS][ UML = 0.000338 | AML = 2.52435 | Mov = 0.00240 | Vov = 0.00240 | Vov = 0.00020 | State-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, kx, self._flat_weights, self.bias, self.num_layers, Test(best): 100% 4000/4000 [00:21-00:00, 188.56 step/s]
[Test(best)][61][UTT][ MSE = 0.4677 | LCC = 0.6693 | SRCC = 0.6324 ] [SYS][ MSE = 0.0535 | LCC = 0.9786 | SRCC = 0.9494 ] [Test(best)][61][UTT][ GML = 0.343805 | AML = 0.442174 | MoV = 0.352743 | VoV = 0.002076 ] [SYS][ GML = 0.000859 | AML = 1.248782 | MoV = 0.002852 | VoV = 0.000003 ] Test(last): 100% 4000/4000 [00:20<00:00, 195.35 step/s]
[Test(last)][61][UTT][ MSE = 0.4635 | LCC = 0.6472 | SRCC = 0.6166 ] [SYS][ MSE = 0.0293 | LCC = 0.9805 | SRCC = 0.9602 ] [Test(last)][61][UTT][ (ML = 0.287841 | AML = 0.475869 | MoV = 0.224393 | VoV = 0.001539 ] [SYS][ (ML = 0.061024 | AML = 3.156563 | MoV = 0.001797 | VoV = 0.000001 ] (Lygpu) [X_x Lianghoodecobe ProMOSNet(s)
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