```
(lxygpu) [x_xlian@node022 ProMOSNet]$ python train-no-teacher.py --save_path "runs/c1-t5e-1-no-teacher/run3" Loading all wav files.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INTERE | 54040/54040 [08:36<00:00. 104.57it/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 wav files.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    III| 3000/3000 [01:52<00:00, 26,66it/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
      بربربر)/inorse_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
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ■| 4000/4000 [02:29<00:00. 26.80it/s]
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 [02:42<00:00, 5.20 step/s]
Average loss=7224.7274375
Valid(student): 100% 3000/3000 [00:18<00:00, 160.48 step/s]
[Valid(student)][0][UTT][ MSE = 0.6438 | LCC = 0.4970 | SRCC = 0.4695 ] [SYS][ MSE = 0.1565 | LCC = 0.8434 | SRCC = 0.8701 ] [Valid(student)][0][UTT][ MRL = 0.362134 | AML = 0.343230 | MoV = 0.682914 | VoV = 0.006937 ] [SYS][ GML = 0.000050 | AML = 0.706353 | MoV = 0.007899 | VoV = 0.000041 ] Train: 100% 845/845 [02:40-00:80], 5.26 step(s) 5.26 step(s) 5.26 step(s) 5.27 step(s) 5
                           loss=0.24204766750335693
 Average loss=0.24204766750335693
Valid(student): 100% 3000/3000 [00:18<00:00, 165.22 step/s]
[Valid(student)][1][UTT][ MSE = 0.5529 | LCC = 0.5678 | SRCC = 0.5291 ] [SYS][ MSE = 0.0765 | LCC = 0.9075 | SRCC = 0.8578 ] [Valid(student)][1][UTT][ GML = 0.325090 | AML = 0.373440 | MoV = 0.577994 | VoV = 0.006476 ] [SYS][ GML = 0.012476 | AML = 1.563891 | MoV = 0.006718 | VoV = 0.000031 ] Train: 100% 845/845 [02:42-00:00, 5.20 step/s] Average loss=0.2666173736333847 Valid(student): 100% 3000/3000 [00:17<00:00, 169.47 step/s]
[Valid(student)][2][UTT][ MSE = 0.7326 | LCC = 0.5648 | SRCC = 0.5202 ] [SYS][ MSE = 0.3051 | LCC = 0.9108 | SRCC = 0.8475 ] [Valid(student)][2][UTT][ GML = 0.260637 | AML = 0.352594 | MoV = 0.507558 | VoV = 0.005575 ] [SYS][ GML = 0.000000 | AML = 0.230181 | MoV = 0.005803 | VoV = 0.000021 ] Train: 100% 845/845 [02:42-00:00, 5.20 step/s] Average loss=0.813167/142429352 Valid(student): 100% 3000/3000 [00:17-00:00, 173.21 step/s]
[Valid(student)][3][UTT][ MSE = 0.6224 | LCC = 0.6100 | SRCC = 0.5639 ] [SYS][ MSE = 0.1972 | LCC = 0.9448 | SRCC = 0.8865 ] [Valid(student)][3][UTT][ GML = 0.284811 | AML = 0.389194 | MoV = 0.415326 | VoV = 0.004763 ] [SYS][ GML = 0.0000000 | AML = 0.742676 | MoV = 0.004812 | VoV = 0.000015 ] Train: 100% 845/845 [02:41-00:00, 5.22 step/s] Average loss=0.1652126939810254 Valid(student): 100% 3000/3000 [00:17<00:00, 167.36 step/s]
[Valid(student)][4][UTT][ MSE = 0.7556 | LCC = 0.6010 | SRCC = 0.5574 ] [SYS][ MSE = 0.3631 | LCC = 0.9502 | SRCC = 0.8906 ] [Valid(student)][4][UTT][ GML = 0.250296 | AML = 0.354653 | MoV = 0.466716 | VoV = 0.007556 ] [SYS][ GML = 0.000000 | AML = 0.000311 | MoV = 0.005412 | VoV = 0.000020 ] Train: 100% 845/845 [02:43-00:00, 5.18 step/s] Average loss=0.4741625737082335 Valid(student): 100% 3000/3000 [00:18<00:00, 165.98 step/s]
| Valid(student)][5][UTT][ MSE = 0.4855 | LCC = 0.6242 | SRCC = 0.5817 ] [SYS][ MSE = 0.0374 | LCC = 0.9523 | SRCC = 0.8790 ] [Valid(student)][5][UTT][ GML = 0.347674 | AML = 0.398364 | MoV = 0.508645 | VoV = 0.001581 ] [SYS][ GML = 0.097577 | AML = 1.558966 | MoV = 0.005623 | VoV = 0.000013 ] Train: 100% 845/845 [02:43-00:00, 5.17 step/s] Average loss=0.12999598681926727 Valid(student): 100% 3000/3000 [00:17<00:00, 168.18 step/s]
[Valid(student)][6][UTT][ MSE = 2.1938 | LCC = 0.5496 | SRCC = 0.5667 ] [SYS][ MSE = 1.6051 | LCC = 0.8289 | SRCC = 0.8913 ] [Valid(student)][6][UTT][ GML = 0.053820 | AML = 0.179298 | MoV = 0.470422 | VoV = 0.003898 ] [SYS][ GML = 0.000000 | AML = 0.173156 | MoV = 0.005151 | VoV = 0.000009 ] Train: 100% 845/845 [02:43-60:60, 5.16 step/s]
 Average loss=0.12131467461585999
Valid(student): 100% 3000/3000 [00:18<00:00, 165.05 step/s]
[Valid(student)][7][UTT][ MSE = 1.2942 | LCC = 0.5795 | SRCC = 0.5787 ] [SYS][ MSE = 0.7402 | LCC = 0.8968 | SRCC = 0.9015 ] [Valid(student)][7][UTT][ GML = 0.120970 | AML = 0.275826 | MoV = 0.406472 | VoV = 0.003306 ] [SYS][ GML = 0.0000000 | AML = 0.240706 | MoV = 0.004380 | VoV = 0.000006 ] Train: 100% 845/845 [02:43-00:00, 5.17 step/s]
Average loss=0.10487578809261322
Valid(student): 100% 3000/3000 [00:18<00:00, 158.13 step/s]
```

[Valid(student)][8][UTT][MSE = 0.7067 | LCC = 0.6289 | SRCC = 0.5991] [SYS][MSE = 0.2817 | LCC = 0.9696 | SRCC = 0.9186]
[Valid(student)][8][UTT][GML = 0.254222 | AML = 0.376642 | MoV = 0.402335 | VoV = 0.003832] [SYS][GML = 0.000000 | AML = 0.001571 | MoV = 0.004585 | VoV = 0.000011]
Train: 100% 845/845 [02:43-600:60, 5.17 step/s]
Average loss=0.09351138776586292
Valid(student): 100% 3000/3000 [00:18-00:00, 158.02 step/s]

[Valid(student)][9][UTT][MSE = 1.4494 | LCC = 0.6001 | SRCC = 0.5761] [SYS][MSE = 1.0857 | LCC = 0.9655 | SRCC = 0.8995] [Valid(student)][9][UTT][GML = 0.068750 | AML = 0.259942 | MoV = 0.323557 | VoV = 0.006535] [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003910 | VoV = 0.000013] Train: 100% 845/845 [02:42-60:00, 5.19 step/s] Average loss=0.0795330777643244 Valid(student): 100% 3000/3000 [00:17-60:00, 173.02 step/s]

[Valid(student)][10][UTT][MSE = 0.4612 | LCC = 0.6512 | SRCC = 0.6127] [SYS][MSE = 0.0184 | LCC = 0.9780 | SRCC = 0.9638] [Valid(student)][10][UTT][GML = 0.356177 | AML = 0.421705 | MoV = 0.437890 | VoV = 0.003076] [SYS][GML = 1.040193 | AML = 3.275085 | MoV = 0.004785 | VoV = 0.000008] Train: 100% 845/845 [02:43<00:00, 5.17 step/s] Average loss=0.0647813007235527

[Valid(student)][11][UTT][MSE = 1.0363 | LCC = 0.6161 | SRCC = 0.5894 | [SYS][MSE = 0.6394 | LCC = 0.9624 | SRCC = 0.9234]
[Valid(student)][11][UTT][GML = 0.143107 | AML = 0.323443 | MoV = 0.354063 | VoV = 0.007242] [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.004143 | VoV = 0.000012]
Train: 100% 845/845 [02:41<00:00, 5.24 step/s]
Average loss=0.061229383753215
Valid(student): 100% 3000/3000 [00:17<00:00, 167.55 step/s]

[Valid(student)][12][UTT][MSE = 0.5387 | LCC = 0.6255 | SRCC = 0.5901] [SYS][MSE = 0.0678 | LCC = 0.9777 | SRCC = 0.9501] [Valid(student)][12][UTT][GML = 0.318413 | AML = 0.410019 | MOV = 0.422318 | VoV = 0.004456] [SYS][GML = 0.002705 | AML = 1.100880 | MOV = 0.004808 | VoV = 0.000012] Train: 100% 845/845 [02:41<00:00, 5.23 step/s] Average loss=0.047382667660713196 Valid(student): 100% 3000/3000 [00:18<00:00, 165.72 step/s]

[Valid(student)][13][UTT][MSE = 0.6593 | LCC = 0.6279 | SRCC = 0.5992] [SYS][MSE = 0.2104 | LCC = 0.9733 | SRCC = 0.9378] [Valid(student)][13][UTT][GML = 0.256825 | AML = 0.396267 | MoV = 0.357205 | VoV = 0.003743] [SYS][GML = 0.000000 | AML = 0.016339 | MoV = 0.004007 | VoV = 0.0000008] Train: 100% 845/845 [02:43<00:00, 5.17 step/s] Average loss=0.029165116291046143

| Calid(student)][14][UTT][MSE = 0.5525 | LCC = 0.6191 | SRCC = 0.5850] [SYS][MSE = 0.0250 | LCC = 0.9759 | SRCC = 0.9193] | Valid(student)][14][UTT][GML = 0.306658 | AML = 0.419061 | MoV = 0.368659 | VoV = 0.002641] [SYS][GML = 0.096746 | AML = 1.536782 | MoV = 0.004024 | VoV = 0.000006] | Train: 100% 845/845 [02:42~00:00, 5.21 step/s] | Average loss=0.018091576173901558 | Valid(student): 100% 3000/3000 [00:16~00:00, 180.36 step/s] | Valid(student): 100% 3000/3000 [00:16~00:00, 180.36 step/s]

[Valid(student)][15][UTT][MSE = 0.5599 | LCC = 0.6048 | SRCC = 0.5743] [SYS][MSE = 0.0200 | LCC = 0.9784 | SRCC = 0.9371] [Valid(student)][15][UTT][GML = 0.299712 | AML = 0.417076 | MoV = 0.350050 | VoV = 0.002103] [SYS][GML = 0.344164 | AML = 2.466137 | MoV = 0.003784 | VoV = 0.000005] Train: 100% 845/845 [02:40-00:00, 5.25 step/s] Average loss=0.06097752501180172 Valid(student): 100% 3000/3000 [00:18<00:00, 162.44 step/s]

[Valid(student)][16][UTT][MSE = 0.7597 | LCC = 0.6184 | SRCC = 0.5914] [SYS][MSE = 0.2984 | LCC = 0.9764 | SRCC = 0.9631]
[Valid(student)][16][UTT][GML = 0.213405 | AML = 0.373984 | MoV = 0.350763 | VoV = 0.005453] [SYS][GML = 0.000000 | AML = 0.001055 | MoV = 0.004059 | VoV = 0.000010]
Train: 100% 845/845 [02:42~00:00, 5.19 step/s]
Average loss=0.001330680844056296
Valid(student): 100% 3000/3000 [00:18~00:00, 158.42 step/s]

[Valid(student)][17][UTT][MSE = 1.0942 | LCC = 0.5946 | SRCC = 0.5695] [SYS][MSE = 0.6503 | LCC = 0.9570 | SRCC = 0.9077]
[Valid(student)][17][UTT][GML = 0.099717 | AML = 0.319992 | MoV = 0.301792 | VoV = 0.005809] [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003536 | VoV = 0.000009]
Train: 100% 845/845 [02:43-00:00, 5.17 step/s]
Average loss-0.01055167242884536
Valid(student): 100% 3000/3000 [00:18-00:00, 165.82 step/s]

[Valid(student)][18][UTT][MSE = 0.5681 | LCC = 0.6200 | SRCC = 0.5829] [SYS][MSE = 0.0880 | LCC = 0.9673 | SRCC = 0.9357] [Valid(student)][18][UTT][GML = 0.292952 | AML = 0.416525 | MoV = 0.350091 | VoV = 0.002932] [SYS][GML = 0.000030 | AML = 1.045434 | MoV = 0.003870 | VoV = 0.000006] Train: 100% 845/845 [02:43-00:00, 5.16 step/s] Average loss—0.82259[104545094047 Valid(student): 100% 3000/3000 [00:17<00:00, 169.28 step/s]

[Valid(student)][19][UTT][MSE = 0.5530 | LCC = 0.6239 | SRCC = 0.5865] [SYS][MSE = 0.0572 | LCC = 0.9820 | SRCC = 0.9439] [Valid(student)][19][UTT][(ML = 0.294149 | AML = 0.423595 | MoV = 0.338302 | VoV = 0.002995] [SYS][(ML = 0.001508 | AML = 1.262704 | MoV = 0.003730 | VoV = 0.0000005] Train: 100% 485/845 [02.42~00.00 , 5.19 step/s] . 5.19 step/s]

Average loss=0.064781300723552/ Valid(student): 100% 3000/3000 [00:17<00:00, 168.15 step/s]

Valid(student): 100% 3000/3000 [00:17<00:00, 166.98 step/s]

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Average loss=-0.031154561787843704
Valid(student): 100% 3000/3000 [00:18<00:00, 165.59 step/s]
[Valid(student)][20][UTT][ MSE = 0.5691 | LCC = 0.6191 | SRCC = 0.5898 ] [SYS][ MSE = 0.6666 | LCC = 0.9620 | SRCC = 0.9344 ] [Valid(student)][20][UTT][ GML = 0.284391 | AML = 0.426565 | MoV = 0.318137 | VoV = 0.002531 ] [SYS][ GML = 0.000120 | AML = 0.707194 | MoV = 0.003404 | VoV = 0.000003 ] Train: 100% 845/845 [02:42<00:00, 5.19 step/s] Average loss-0.40415254667401314 Valid(student): 100% 3000/3000 [00:18<00:00, 164.20 step/s]
[Valid(student)][21][UTT][ MSE = 0.5661 | LCC = 0.6193 | SRCC = 0.5828 ] [SYS][ MSE = 0.0536 | LCC = 0.9821 | SRCC = 0.9453 ] [Valid(student)][21][UTT][ GML = 0.284462 | AML = 0.424241 | MoV = 0.325334 | VoV = 0.002478 ] [SYS][ GML = 0.001381 | AML = 1.362762 | MoV = 0.003629 | VoV = 0.000006 ] Train: 100% 845/845 [02:42-00:00, 5.19 step/s] Average loss;=-0.65356408326611 Valid(student): 100% 3000/3000 [00:18-00:00, 166.40 step/s]
[Valid(student)][22][UTT][ MSE = 0.5288 | LCC = 0.6264 | SRCC = 0.5948 ] [SYS][ MSE = 0.0204 | LCC = 0.9762 | SRCC = 0.9439 ] [Valid(student)][22][UTT][ GML = 0.290296 | AML = 0.440962 | MoV = 0.300788 | VoV = 0.003047 ] [SYS][ GML = 0.269148 | AML = 2.723885 | MoV = 0.003349 | VoV = 0.000005 ] Train: 100% 845/845 [02:43-00:00, 5.16 step/s] Average loss—0.06162407621741295 Valid(student): 100% 3000/3000 [00:16<00:00, 180.97 step/s]
[Valid(student)][23][UTT][ MSE = 0.5828 | LCC = 0.6178 | SRCC = 0.5877 ] [SYS][ MSE = 0.0458 | LCC = 0.9735 | SRCC = 0.9692 ]
[Valid(student)][23][UTT][ GML = 0.26176 | AML = 0.429183 | MoV = 0.295826 | VoV = 0.002585 ] [SYS][ GML = 0.001133 | AML = 1.063076 | MoV = 0.003208 | VoV = 0.000003 ]
Train: 100% 845/845 [02:43-00:00, 5.18 step/s]
Average loss-0.0711316466331482
Valid(student): 100% 3000/3000 [00:17<00:00, 173.62 step/s]
[Valid(student)][24][UTT][ MSE = 0.5610 | LCC = 0.6210 | SRCC = 0.5876 ] [SYS][ MSE = 0.0343 | LCC = 0.9816 | SRCC = 0.9638 ] [Valid(student)][24][UTT][ GML = 0.282174 | AML = 0.426847 | MoV = 0.314453 | VoV = 0.002468 ] [SYS][ GML = 0.028262 | AML = 1.452940 | MoV = 0.003497 | VoV = 0.000005 ] Train: 100% 845/845 [02:42-00:00, 5.19 step/s] Average loss—0.081958461526871 Valid(student): 100% 3000/3000 [00:17<00:00, 169.88 step/s]
[Valid(student)][25][UTT][ MSE = 0.5801 | LCC = 0.6204 | SRCC = 0.5797 ] [SYS][ MSE = 0.0861 | LCC = 0.9813 | SRCC = 0.9398 ]
[Valid(student)][25][UTT][ GML = 0.260306 | AML = 0.425293 | MoV = 0.306898 | VoV = 0.004241 ] [SYS][ GML = 0.000002 | AML = 0.246287 | MoV = 0.003443 | VoV = 0.000005 ]
Train: 100% 845/845 [02:43-00:00, 5.18 step/s]
Average loss=-0.09192846715450287
Valid(student): 100% 3000/3000 [00:17<00:00, 170.40 step/s]
[Valid(student)][26][UTT][ MSE = 0.6748 | LCC = 0.6118 | SRCC = 0.5765 ] [SYS][ MSE = 0.1688 | LCC = 0.9828 | SRCC = 0.9549 ]
[Valid(student)][26][UTT][ GML = 0.206104 | AML = 0.407631 | MoV = 0.285257 | VoV = 0.003923 ] [SYS][ GML = 0.000000 | AML = 0.018515 | MoV = 0.003254 | VoV = 0.000006 ]
Train: 100% 845/845 [02:42<00:00, 5.18 step/s]
Average loss=0.1000835955383301
Valid(student): 100% 3000/3000 [00:16<00:00, 180.41 step/s]
[Valid(student)][27][UTT][ MSE = 1.0950 | LCC = 0.5963 | SRCC = 0.5690 ] [SYS][ MSE = 0.6287 | LCC = 0.9767 | SRCC = 0.9391 ] [Valid(student)][27][UTT][ GML = 0.084026 | AML = 0.318659 | MoV = 0.267016 | VoV = 0.003847 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003133 | VoV = 0.000006 ] Train: 100% 845/845 [02:42-00:00, 5.21 step/s] Average loss-0-11087317559576035 Valid(student): 100% 3000/3000 [00:15<00:00, 187.81 step/s]
[Valid(student)][28][UTT][ MSE = 0.5740 | LCC = 0.6143 | SRCC = 0.5807 ] [SYS][ MSE = 0.0234 | LCC = 0.9840 | SRCC = 0.9542 ] [Valid(student)][28][UTT][ GML = 0.261007 | AML = 0.432433 | MoV = 0.287492 | VoV = 0.002449 ] [SYS][ GML = 0.099252 | AML = 2.047076 | MoV = 0.003201 | VoV = 0.000005 ] Train: 100% 845/845 [02:42-00:00, 5.20 step/s] Average loss-0-11327826976776123 Valid(student): 100% 3000/3000 [00:17<00:00, 167.15 step/s]
[Valid(student)][29][UTT][ MSE = 0.5812 | LCC = 0.6175 | SRCC = 0.5825 ] [SYS][ MSE = 0.0684 | LCC = 0.9837 | SRCC = 0.9699 ]
[Valid(student)][29][UTT][ GML = 0.247089 | AML = 0.429026 | MoV = 0.279885 | VoV = 0.003202 ] [SYS][ GML = 0.000035 | AML = 0.679741 | MoV = 0.003122 | VoV = 0.000004 ]
Train: 100% 845/845 [02:43-00:00, 5.18 step/s]
Average loss-0.1212350300811768
Valid(student): 100% 3000/3000 [00:17<00:00, 166.76 step/s]
 [Valid(student)][30][UTT][ MSE = 0.7583 | LCC = 0.6135 | SRCC = 0.5827 ] [SYS][ MSE = 0.2709 | LCC = 0.9803 | SRCC = 0.9446 ] [Valid(student)][30][UTT][ GML = 0.164066 | AML = 0.389145 | MoV = 0.281583 | VoV = 0.004719 ] [SYS][ GML = 0.000000 | AML = 0.0000089 | MoV = 0.003260 | VoV = 0.000007 ]
Train: 100% 845/845 [02:42<00:00, 5.19 step/s]
Average loss=-0.13173390924930573
Valid(student): 100% 3000/3000 [00:16<00:00, 178.25 step/s]
[Valid(student)][31][UTT][ MSE = 0.6881 | LCC = 0.6101 | SRCC = 0.5765 ] [SYS][ MSE = 0.1845 | LCC = 0.9804 | SRCC = 0.9419 ] [Valid(student)][31][UTT][ GML = 0.191082 | AML = 0.406747 | MoV = 0.267702 | VoV = 0.003425 ] [SYS][ GML = 0.000000 | AML = 0.038697 | MoV = 0.003059 | VoV = 0.000005 ] Train: 100% 845/845 [02:43<08:00, 5.18 step/s] Average loss=-0.1366756558418274
 Average loss=-0.136675b5b4182/4
Valid(student): 100% 3000/3000 [00:17<00:00, 169.66 step/s]
[Valid(student)][32][UTT][ MSE = 0.6049 | LCC = 0.6014 | SRCC = 0.5649 ] [SYS][ MSE = 0.0830 | LCC = 0.9780 | SRCC = 0.9159 ] [Valid(student)][32][UTT][ GML = 0.216125 | AML = 0.430704 | MoV = 0.257942 | VoV = 0.003166 ] [SYS][ GML = 0.000000 | AML = 0.431156 | MoV = 0.002897 | VoV = 0.000004 ] Train: 100% 845/845 [02:42<00:00, 5.19 step/s] Average loss-0.143250009266403565 Valid(student): 100% 3000/3000 [00:17<00:00, 167.28 step/s]
[Valid(student)][33][UTT][ MSE = 0.5957 | LCC = 0.6041 | SRCC = 0.5727 ] [SYS][ MSE = 0.0690 | LCC = 0.9832 | SRCC = 0.9569 ] [Valid(student)][33][UTT][ GML = 0.234901 | AML = 0.426652 | MoV = 0.269763 | VoV = 0.003498 ] [SYS][ GML = 0.000053 | AML = 0.621541 | MoV = 0.003044 | VoV = 0.000005 ] Train: 100% 845/845 [02:41<00:00, 5.23 step/s] Average loss-0.15497219565230518 Valid(student): 100% 3000/3000 [00:17<00:00, 171.56 step/s]
[Valid(student)][34][UTT][ MSE = 0.6464 | LCC = 0.6106 | SRCC = 0.5816 ] [SYS][ MSE = 0.1182 | LCC = 0.9691 | SRCC = 0.9569 ] [Valid(student)][34][UTT][ GML = 0.224570 | AML = 0.420089 | MoV = 0.261805 | VoV = 0.001700 ] [SYS][ GML = 0.000000 | AML = 0.127610 | MoV = 0.002894 | VoV = 0.0000004 ] Train: 100% 845/845 [02:43-08:00, 5.17 step/s] Average loss=-0.16724638640880585
 Average loss=-0.16724638640880585
Valid(student): 100% 3000/3000 [00:17<00:00, 170.12 step/s]
[Valid(student)][35][UTT][ MSE = 0.5299 | LCC = 0.6139 | SRCC = 0.5766 ] [SYS][ MSE = 0.0303 | LCC = 0.9766 | SRCC = 0.9419 ]
[Valid(student)][35][UTT][ GML = 0.281289 | AML = 0.435938 | MoV = 0.291861 | VoV = 0.003533 ] [SYS][ GML = 0.099662 | AML = 1.803994 | MoV = 0.003280 | VoV = 0.000005 ]
Train: 100% 845/845 [02:41-00:00, 5.23 step/s]
Average loss=-0.167/6329278945923
Valid(student): 100% 3000/3000 [00:16<00:00, 178.04 step/s]
[Valid(student)][36][UTT][ MSE = 0.5750 | LCC = 0.6248 | SRCC = 0.5916 ] [SYS][ MSE = 0.0835 | LCC = 0.9804 | SRCC = 0.9508 ] [Valid(student)][36][UTT][ GML = 0.249073 | AML = 0.430903 | MoV = 0.275165 | VoV = 0.003444 ] [SYS][ GML = 0.000002 | AML = 0.611310 | MoV = 0.003128 | VoV = 0.000005 ]
Train: 100% 845/845 [02:44<00:00, 5.14 step/s]
Average loss=-0.17674662172794342
Valid(student): 100% 3000/3000 [00:17<00:00, 171.12 step/s]
[Valid(student)][37][UTT][ MSE = 0.6180 | LCC = 0.6148 | SRCC = 0.5834 ] [SYS][ MSE = 0.1296 | LCC = 0.9842 | SRCC = 0.9405 ] [Valid(student)][37][UTT][ GML = 0.202803 | AML = 0.424189 | MoV = 0.239426 | VoV = 0.003039 ] [SYS][ GML = 0.000000 | AML = 0.008903 | MoV = 0.002744 | VoV = 0.000005 ] Train: 100% 845/845 [02:44<00:00, 5.15 step/s] Average loss-0.1809906334872437 Valid(student): 100% 3000/3000 [00:16<00:00, 179.18 step/s]
[Valid(student)][38][UTT][ MSE = 0.5415 | LCC = 0.6141 | SRCC = 0.5780 ] [SYS][ MSE = 0.0210 | LCC = 0.9797 | SRCC = 0.9234 ]
[Valid(student)][38][UTT][ GML = 0.258749 | AML = 0.446778 | MoV = 0.251725 | VoV = 0.002429 ] [SYS][ GML = 0.143009 | AML = 2.224950 | MoV = 0.002794 | VoV = 0.000003 ]
Train: 100% 845/845 [02:41<00:00, 5.24 step/s]
Average loss=0.19314329326152802
Valid(student): 100% 3000/3000 [00:17<00:00, 171.83 step/s]
[Valid(student)][39][UTT][ MSE = 0.5527 | LCC = 0.6085 | SRCC = 0.5731 ] [SYS][ MSE = 0.0204 | LCC = 0.9808 | SRCC = 0.9631 ] [Valid(student)][39][UTT][ GML = 0.221201 | AML = 0.455578 | MoV = 0.218247 | VoV = 0.002177 ] [SYS][ GML = 0.163122 | AML = 2.676851 | MoV = 0.002480 | VoV = 0.000003 ] Train: 100% 845/845 [02:43-00:00, 5.18 step/s] Average loss—0.19395820796489716 Valid(student): 100% 3000/3000 [00:17<00:00, 168.40 step/s]
[Valid(student)][40][UTT][ MSE = 0.6244 | LCC = 0.6101 | SRCC = 0.5770 ] [SYS][ MSE = 0.1212 | LCC = 0.9791 | SRCC = 0.9528 ] [Valid(student)][40][UTT][ GML = 0.203762 | AML = 0.421814 | MOV = 0.255753 | VoV = 0.003729 ] [SYS][ GML = 0.000000 | AML = 0.391065 | MOV = 0.002948 | VoV = 0.000005 ] Train: 100% 845/845 [02:42<00:00, 5.19 step/s] Average loss=-0.19960826635360718
 Average loss=-0.1996082bb3b3007ib
Valid(student): 100% 3000/3000 [00:17<00:00, 167.49 step/s]
| Valid(student)|[41][UTT][ MSE = 0.5993 | LCC = 0.6165 | SRCC = 0.5791 ] [SYS][ MSE = 0.1075 | LCC = 0.9791 | SRCC = 0.9398 ] | Valid(student)|[41][UTT][ GML = 0.200755 | AML = 0.435458 | MoV = 0.231568 | VoV = 0.002892 ] [SYS][ GML = 0.000000 | AML = 0.136682 | MoV = 0.002649 | VoV = 0.000004 ] | Train: 100% 845/845 [02:42~00:00, 5.21 step/s] | Average loss=0.2808455348014832 | Valid(student): 100% 3000/3000 [00:17~00:00, 172.67 step/s] | Valid(student): 100% 3000/3000 [00:17~00:00, 172.67 step/s]
[Valid(student)][42][UTT][ MSE = 0.5319 | LCC = 0.6229 | SRCC = 0.5861 ] [SYS][ MSE = 0.0298 | LCC = 0.9759 | SRCC = 0.9672 ] [Valid(student)][42][UTT][ GML = 0.266461 | AML = 0.452214 | MoV = 0.252213 | VoV = 0.002237 ] [SYS][ GML = 0.017100 | AML = 2.070488 | MoV = 0.002853 | VoV = 0.000004 ] Train: 100% 845/845 [02:42<00:00, 5.21 step/s] Average loss-0.21339742893336399 [00:17<00:00, 173.72 step/s] Valid(student): 100% 3000/3000 [00:17<00:00, 173.72 step/s]
 [Valid(student)][43][UTT][ MSE = 0.5570 | LCC = 0.6130 | SRCC = 0.5799 ] [SYS][ MSE = 0.0344 | LCC = 0.9790 | SRCC = 0.9535 ] [Valid(student)][43][UTT][ GML = 0.239770 | AML = 0.442465 | MoV = 0.254378 | VoV = 0.003074 ] [SYS][ GML = 0.011956 | AML = 2.243131 | MoV = 0.002903 | VoV = 0.000005 ]
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Train: 100% 845/845 [02:41<00:00, 5.22 step/s]
Average loss=-0.22332045435905457
Valid(student): 100% 3000/3000 [00:17<00:00, 173.80 step/s]
[Valid(student)][44][UTT][ MSE = 0.5405 | LCC = 0.6177 | SRCC = 0.5858 ] [SYS][ MSE = 0.0340 | LCC = 0.9822 | SRCC = 0.9631 ]
[Valid(student)][44][UTT][ GML = 0.23396 | AML = 0.454616 | MoV = 0.221378 | VoV = 0.001948 ] [SYS][ GML = 0.012462 | AML = 1.769741 | MoV = 0.002484 | VoV = 0.000003 ]
Train: 100% 845/845 [02:40-000:00, 5.28 step/s]
Average loss-0.23141761124134064
Valid(student): 100% 3000/3000 [00:15<00:00, 191.17 step/s]
[Valid(student)][45][UTT][ MSE = 0.5319 | LCC = 0.6136 | SRCC = 0.5795 ] [SYS][ MSE = 0.0199 | LCC = 0.9800 | SRCC = 0.9603 ] [Valid(student)][45][UTT][ GML = 0.232734 | AML = 0.459338 | MoV = 0.217759 | VoV = 0.002159 ] [SYS][ GML = 0.234647 | AML = 3.457022 | MoV = 0.002476 | VoV = 0.000003 ] Train: 100% 845/845 [02:42-00:00, 5.22 step/s] Average loss-0.2329[584393537903] Valid(student): 100% 3000/3000 [00:17<00:00, 172.48 step/s]
[Valid(student)][46][UTT][ MSE = 0.5710 | LCC = 0.6159 | SRCC = 0.5812 ] [SYS][ MSE = 0.0496 | LCC = 0.9774 | SRCC = 0.9521 ] [Valid(student)][46][UTT][ GML = 0.244123 | AML = 0.445372 | MoV = 0.245002 | VoV = 0.002037 ] [SYS][ GML = 0.000033 | AML = 0.787796 | MoV = 0.002731 | VoV = 0.000003 ] Train: 100% 845/845 [02:42<00:00, 5.20 step/s] Average loss-0.243473266660175 Valid(student): 100% 3000/3000 [00:17<00:00, 168.33 step/s]
[Valid(student)] [47] [UTT] [ MSE = 0.5967 | LCC = 0.5956 | SRCC = 0.5614 ] [SYS] [ MSE = 0.0551 | LCC = 0.9816 | SRCC = 0.9508 ] [Valid(student)] [47] [UTT] [ GML = 0.187253 | AML = 0.445874 | MoV = 0.206474 | VoV = 0.002096 ] [SYS] [ GML = 0.000048 | AML = 1.675471 | MoV = 0.002336 | VoV = 0.000003 ] Train: 100% 845/845 [02:43-00:00, 5.17 step/s] Average loss-0.2464338674256897 Valid(student): 100% 3000/3000 [00:18-00:00, 165.05 step/s]
[Valid(student)][48][UTT][ MSE = 0.5365 | LCC = 0.6179 | SRCC = 0.5818 ] [SYS][ MSE = 0.0524 | LCC = 0.9864 | SRCC = 0.9699 ] [Valid(student)][48][UTT][ GML = 0.238049 | AML = 0.454347 | MoV = 0.222103 | VoV = 0.002107 ] [SYS][ GML = 0.000319 | AML = 1.326788 | MoV = 0.002532 | VoV = 0.000004 ] Train: 100% 845/845 [02:43-00:00, 5.16 step/s] Average loss: -0.2555128913999265 Valid(student): 100% 3000/3000 [00:18-00:00, 164.74 step/s]
[Valid(student)][49][UTT][ MSE = 0.5471 | LCC = 0.6109 | SRCC = 0.5729 ] [SYS][ MSE = 0.0220 | LCC = 0.9728 | SRCC = 0.9344 ] [Valid(student)][49][UTT][ GML = 0.236543 | AML = 0.456201 | MoV = 0.224256 | VoV = 0.001984 ] [SYS][ GML = 0.030629 | AML = 2.771885 | MoV = 0.002515 | VoV = 0.000003 ] Train: 100% 845/845 [02:41-00:00, 5.22 step/s] Average loss-0.2623147964477539 Valid(student): 100% 3000/3000 [00:17<00:00, 173.94 step/s]
[Valid(student)][50][UTT][ MSE = 0.5563 | LCC = 0.6117 | SRCC = 0.5793 ] [SYS][ MSE = 0.0227 | LCC = 0.9859 | SRCC = 0.9829 ]
[Valid(student)][50][UTT][ GML = 0.231030 | AML = 0.455290 | MoV = 0.221437 | VoV = 0.001741 ] [SYS][ GML = 0.043640 | AML = 2.208646 | MoV = 0.002477 | VoV = 0.000003 ]
Train: 100% 845/845 [02:40-00:00, 5.25 step/s]
Average loss:=-0.2554487192630768
Valid(student): 100% 3000/3000 [00:17<00:00, 172.98 step/s]
 [Valid(student)][51][UTT][ MSE = 0.5976 | LCC = 0.6056 | SRCC = 0.5729 ] [SYS][ MSE = 0.0766 | LCC = 0.9807 | SRCC = 0.9603 ] [Valid(student)][51][UTT][ GML = 0.203691 | AML = 0.447553 | MoV = 0.208572 | VoV = 0.001272 ] [SYS][ GML = 0.000000 | AML = 0.067266 | MoV = 0.002311 | VoV = 0.000002 ]
Train: 100% 845/845 [02:42<00:00, 5.20 step/s]
Average loss=-0.2714480757713318
Valid(student): 100% 3000/3000 [00:17<00:00, 173.07 step/s]
[Valid(student)][52][UTT][ MSE = 0.5405 | LCC = 0.6117 | SRCC = 0.5810 ] [SYS][ MSE = 0.0338 | LCC = 0.9840 | SRCC = 0.9781 ] [Valid(student)][52][UTT][ GML = 0.233224 | AML = 0.462739 | MoV = 0.210728 | VoV = 0.001351 ] [SYS][ GML = 0.002153 | AML = 1.213628 | MoV = 0.002351 | VoV = 0.000003 ] Train: 100% 845/845 [02:43-00:00, 5.17 step/s] Average loss-0.2808675:169944763 Valid(student): 100% 3000/3000 [00:18-00:00, 164.08 step/s]
[Valid(student)][53][UTT][ MSE = 0.5914 | LCC = 0.6082 | SRCC = 0.5774 ] [SYS][ MSE = 0.0793 | LCC = 0.9783 | SRCC = 0.9610 ]
[Valid(student)][53][UTT][ GML = 0.217179 | AML = 0.446767 | MoV = 0.222698 | VoV = 0.001718 ] [SYS][ GML = 0.000000 | AML = 0.041567 | MoV = 0.002501 | VoV = 0.000003 ]
Train: 100% 845/845 [02:42<00:00, 5.19 step/s]
Average loss=0.292093922337637
Valid(student): 100% 3000/3000 [00:17<00:00, 170.69 step/s]
[Valid(student)][54][UTT][ MSE = 0.5423 | LCC = 0.6076 | SRCC = 0.5728 ] [SYS][ MSE = 0.0376 | LCC = 0.9876 | SRCC = 0.9761 ] [Valid(student)][54][UTT][ GML = 0.204748 | AML = 0.461050 | MoV = 0.191747 | VoV = 0.001559 ] [SYS][ GML = 0.004624 | AML = 1.318102 | MoV = 0.002203 | VoV = 0.000003 ] Train: 100% 845/845 [02:41-00:00, 5.23 step/s] Average loss-0-2.9911720418930054 Valid(student): 100% 3000/3000 [00:17<00:00, 170.63 step/s]
[Valid(student)][55][UTT][ MSE = 0.5432 | LCC = 0.6079 | SRCC = 0.5748 ] [SYS][ MSE = 0.0168 | LCC = 0.9845 | SRCC = 0.9809 ] [Valid(student)][55][UTT][ GML = 0.228506 | AML = 0.455549 | MoV = 0.219902 | VoV = 0.002481 ] [SYS][ GML = 0.825606 | AML = 3.612289 | MoV = 0.002517 | VoV = 0.000004 ] Train: 100% 845/845 [02:42<00:00, 5.21 step/s] Average loss=-0.28955474495887756
 Average loss=-0.2895547449588//56
Valid(student): 100% 3000/3000 [00:17<00:00, 171.12 step/s]
[Valid(student)][56][UTT][ MSE = 0.5734 | LCC = 0.6138 | SRCC = 0.5833 ] [SYS][ MSE = 0.0441 | LCC = 0.9818 | SRCC = 0.9726 ] [Valid(student)][56][UTT][ GML = 0.217862 | AML = 0.455141 | MoV = 0.212738 | VoV = 0.001388 ] [SYS][ GML = 0.000074 | AML = 0.468355 | MoV = 0.002370 | VoV = 0.000003 ] Train: 100% 845/845 [02:40-00:00, 5.26 step/s] Average loss:=-0.3022900237319946 Valid(student): 100% 3000/3000 [00:17<00:00, 171.69 step/s]
[Valid(student)][57][UTT][ MSE = 0.5471 | LCC = 0.6219 | SRCC = 0.5904 ] [SYS][ MSE = 0.0147 | LCC = 0.9846 | SRCC = 0.9713 ] [Valid(student)][57][UTT][ GML = 0.215166 | AML = 0.458153 | MoV = 0.210296 | VoV = 0.002299 ] [SYS][ GML = 0.272161 | AML = 3.519856 | MoV = 0.002389 | VoV = 0.000003 ] Train: 100% 845/845 [02:42<00:00, 5.19 step/s] Average loss:=-0.336782415500183 Valid(student): 100% 3000/3000 [00:17<00:00, 167.40 step/s]
[Valid(student)][58][UTT][ MSE = 0.5293 | LCC = 0.6146 | SRCC = 0.5804 ] [SYS][ MSE = 0.0145 | LCC = 0.9847 | SRCC = 0.9733 ] [Valid(student)][58][UTT][ GML = 0.211255 | AML = 0.467807 | MoV = 0.188220 | VoV = 0.001566 ] [SYS][ GML = 0.587064 | AML = 4.418955 | MoV = 0.002145 | VoV = 0.000003 ] Train: 100% 845/845 [02:41<00:00, 5.22 step/s] Average loss=0.31287/199674945 Valid(student): 100% 3000/3000 [00:17<00:00, 171.96 step/s]
[Valid(student)][59][UTT][ MSE = 0.5897 | LCC = 0.6129 | SRCC = 0.5810 ] [SYS][ MSE = 0.0738 | LCC = 0.9730 | SRCC = 0.9439 ] [Valid(student)][59][UTT][ GML = 0.200851 | AML = 0.450099 | MoV = 0.201969 | VoV = 0.001239 ] [SYS][ GML = 0.000000 | AML = 0.725968 | MoV = 0.002263 | VoV = 0.000003 ] Train: 100% 845/845 [02:42~00:00, 5.21 step/s] Average loss-0.27857422826674316 Valid(student): 100% 3000/3000 [00:17<00:00, 169.87 step/s]
 [Valid(student)][60][UTT][ MSE = 0.5522 | LCC = 0.6139 | SRCC = 0.5793 ] [SYS][ MSE = 0.0359 | LCC = 0.9798 | SRCC = 0.9576 ] [Valid(student)][60][UTT][ GML = 0.229789 | AML = 0.461345 | MoV = 0.215188 | VoV = 0.001803 ] [SYS][ GML = 0.000525 | AML = 1.081043 | MoV = 0.002404 | VoV = 0.000003 ]
[Validistudent][Job][Ulli] (ML = 0.29/89 | AML = 1.401945 | MOV = 0.215188 | VOV = 0.001805 ] [SYS][ UML = 0.000225 | AML = 1.001043 | MOV = 0.002404 | VOV = 0.000000 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 [00:24-00:00, 161:94 step/s]
[Test(best)][61][UTT][ MSE = 0.4710 | LCC = 0.6543 | SRCC = 0.6209 ] [SYS][ MSE = 0.0255 | LCC = 0.9703 | SRCC = 0.9542 ] [Test(best)][61][UTT][ GML = 0.353010 | AML = 0.423330 | MoV = 0.436690 | VoV = 0.003212 ] [SYS][ GML = 0.266824 | AML = 2.322104 | MoV = 0.003510 | VoV = 0.000004 ] Test(last): 100% 4000/4000 [00:23<00:00, 170.67 step/s]
[Test(last)][61][UTT][ MSE = 0.5587 | LCC = 0.6241 | SRCC = 0.5993 ] [SYS][ MSE = 0.0458 | LCC = 0.9740 | SRCC = 0.9590 ] [Test(last)][61][UTT][ GML = 0.225778 | AML = 0.454962 | MoV = 0.215341 | VoV = 0.001820 ] [SYS][ GML = 0.000001 | AML = 0.675272 | MoV = 0.001750 | VoV = 0.000001 ] (lxygpu) [x_xlian@node022 ProMOSNet]$ client_loop: send disconnect: Broken pipe lxyeHope_liang-MBA ProMOSNet %
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