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xgboost [x_xlian@node006 ProMOSNet]$ python train.py --lamb_c=1 --lamb_t=0.5 --save_path "runs/c1-t5e-1/run4"
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Loading all wav files.  
100% |██████████████████████████████████████████████████████████████████████████████| 54040/54040 [07:49<00:00, 115.15it/s]  
/proj/jhorse_2021/users/x_xlian/ProMOSNet/ProMOSNet/dataset.py:55: SettingWithCopyWarning:  
A value is trying to be set on a copy of a slice from a DataFrame  
  
See the caveats in the documentation: https://pandas.pydata.org/pandas-docs/stable/user_guide/indexing.html#returning-a-view-versus-a-copy  
self.scores['JUDGE'][ii] = self.idtable[judge_i]  
Loading all wav files.  
100% |██████████████████████████████████████████████████████████████████████████████| 3000/3000 [01:43<00:00, 29.04it/s]  
/proj/jhorse_2021/users/x_xlian/ProMOSNet/ProMOSNet/dataset.py:55: SettingWithCopyWarning:  
A value is trying to be set on a copy of a slice from a DataFrame  
  
See the caveats in the documentation: https://pandas.pydata.org/pandas-docs/stable/user_guide/indexing.html#returning-a-view-versus-a-copy  
self.scores['JUDGE'][ii] = self.idtable[judge_i]  
Loading all wav files.  
100% |██████████████████████████████████████████████████████████████████████████████| 4000/4000 [02:18<00:00, 28.87it/s]  
/proj/jhorse_2021/users/x_xlian/ProMOSNet/ProMOSNet/dataset.py:55: SettingWithCopyWarning:  
A value is trying to be set on a copy of a slice from a DataFrame  
  
See the caveats in the documentation: https://pandas.pydata.org/pandas-docs/stable/user_guide/indexing.html#returning-a-view-versus-a-copy  
self.scores['JUDGE'][ii] = self.idtable[judge_i]  
Train: 100% 845/845 [03:26<00:00, 4.10 step/s]  
Average loss=0.18244, 0.07090625  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 188.80 step/s]  
  
[Valid(teacher)][0][UTT] MSE = 1.4646 | LCC = 0.4726 | SRCC = 0.4523 | [SYS][ MSE = 1.2292 | LCC = 0.7859 | SRCC = 0.7935 ]  
[Valid(teacher)][0][UTT] GML = 0.180571 | AML = 0.251680 | MoV = 0.819799 | VoV = 0.016150 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.009477 | VoV = 0.000059 ]  
Train: 100% 845/845 [03:22<00:00, 4.17 step/s]  
Average loss=0.564466118812561  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.94 step/s]  
  
[Valid(teacher)][1][UTT] MSE = 1.1116 | LCC = 0.5546 | SRCC = 0.5226 | [SYS][ MSE = 0.7630 | LCC = 0.8884 | SRCC = 0.8585 ]  
[Valid(teacher)][1][UTT] GML = 0.170218 | AML = 0.295403 | MoV = 0.500511 | VoV = 0.013437 | [SYS][ GML = 0.000000 | AML = 0.061208 | MoV = 0.006009 | VoV = 0.000032 ]  
Train: 100% 845/845 [03:22<00:00, 4.18 step/s]  
Average loss=0.4600018262863159  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.64 step/s]  
  
[Valid(teacher)][2][UTT] MSE = 1.0599 | LCC = 0.5868 | SRCC = 0.5467 | [SYS][ MSE = 0.6936 | LCC = 0.9245 | SRCC = 0.8626 ]  
[Valid(teacher)][2][UTT] GML = 0.178570 | AML = 0.304163 | MoV = 0.454532 | VoV = 0.008488 | [SYS][ GML = 0.000000 | AML = 0.001125 | MoV = 0.005400 | VoV = 0.000024 ]  
Train: 100% 845/845 [03:22<00:00, 4.18 step/s]  
Average loss=0.4169678680493164  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.28 step/s]  
  
[Valid(teacher)][3][UTT] MSE = 0.7200 | LCC = 0.6084 | SRCC = 0.5677 | [SYS][ MSE = 0.3285 | LCC = 0.9421 | SRCC = 0.8571 ]  
[Valid(teacher)][3][UTT] GML = 0.264899 | AML = 0.360352 | MoV = 0.469715 | VoV = 0.005563 | [SYS][ GML = 0.000000 | AML = 0.225172 | MoV = 0.005434 | VoV = 0.000020 ]  
Train: 100% 845/845 [03:22<00:00, 4.17 step/s]  
Average loss=0.3851258158683777  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.70 step/s]  
  
[Valid(teacher)][4][UTT] MSE = 0.7380 | LCC = 0.6164 | SRCC = 0.5753 | [SYS][ MSE = 0.3411 | LCC = 0.9515 | SRCC = 0.8790 ]  
[Valid(teacher)][4][UTT] GML = 0.255425 | AML = 0.360348 | MoV = 0.452270 | VoV = 0.005762 | [SYS][ GML = 0.000000 | AML = 0.000835 | MoV = 0.005218 | VoV = 0.000018 ]  
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]  
Average loss=0.3583829402923584  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.44 step/s]  
  
[Valid(teacher)][5][UTT] MSE = 0.7658 | LCC = 0.6186 | SRCC = 0.5787 | [SYS][ MSE = 0.3716 | LCC = 0.9535 | SRCC = 0.8858 ]  
[Valid(teacher)][5][UTT] GML = 0.247387 | AML = 0.355915 | MoV = 0.448668 | VoV = 0.005523 | [SYS][ GML = 0.000000 | AML = 0.000179 | MoV = 0.005169 | VoV = 0.000017 ]  
Train: 100% 845/845 [03:22<00:00, 4.16 step/s]  
Average loss=0.34146952629089355  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.88 step/s]  
  
[Valid(teacher)][6][UTT] MSE = 0.7628 | LCC = 0.6222 | SRCC = 0.5838 | [SYS][ MSE = 0.3664 | LCC = 0.9560 | SRCC = 0.8899 ]  
[Valid(teacher)][6][UTT] GML = 0.248129 | AML = 0.357526 | MoV = 0.443907 | VoV = 0.005050 | [SYS][ GML = 0.000000 | AML = 0.000160 | MoV = 0.005100 | VoV = 0.000016 ]  
Train: 100% 845/845 [03:21<00:00, 4.18 step/s]  
Average loss=0.32322654120874646  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.03 step/s]  
  
[Valid(teacher)][7][UTT] MSE = 0.7273 | LCC = 0.6262 | SRCC = 0.5889 | [SYS][ MSE = 0.3241 | LCC = 0.9599 | SRCC = 0.8851 ]  
[Valid(teacher)][7][UTT] GML = 0.258967 | AML = 0.364769 | MoV = 0.440825 | VoV = 0.004413 | [SYS][ GML = 0.000000 | AML = 0.000645 | MoV = 0.005042 | VoV = 0.000015 ]  
Train: 100% 845/845 [03:22<00:00, 4.17 step/s]  
Average loss=0.30796974897384644  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.53 step/s]  
  
[Valid(teacher)][8][UTT] MSE = 0.7770 | LCC = 0.6276 | SRCC = 0.5929 | [SYS][ MSE = 0.3746 | LCC = 0.9632 | SRCC = 0.9200 ]  
[Valid(teacher)][8][UTT] GML = 0.242596 | AML = 0.357104 | MoV = 0.429974 | VoV = 0.004171 | [SYS][ GML = 0.000000 | AML = 0.000068 | MoV = 0.004936 | VoV = 0.000015 ]  
Train: 100% 845/845 [03:22<00:00, 4.17 step/s]  
Average loss=0.287987619638443  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.73 step/s]  
  
[Valid(teacher)][9][UTT] MSE = 0.7483 | LCC = 0.6297 | SRCC = 0.5974 | [SYS][ MSE = 0.3404 | LCC = 0.9648 | SRCC = 0.9234 ]  
[Valid(teacher)][9][UTT] GML = 0.250614 | AML = 0.363310 | MoV = 0.424996 | VoV = 0.003581 | [SYS][ GML = 0.000000 | AML = 0.000422 | MoV = 0.004855 | VoV = 0.000014 ]  
Train: 100% 845/845 [03:22<00:00, 4.16 step/s]  
Average loss=0.2670919597148895  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.34 step/s]  
  
[Valid(teacher)][10][UTT] MSE = 0.7723 | LCC = 0.6297 | SRCC = 0.6005 | [SYS][ MSE = 0.3629 | LCC = 0.9657 | SRCC = 0.9316 ]  
[Valid(teacher)][10][UTT] GML = 0.241706 | AML = 0.360084 | MoV = 0.415543 | VoV = 0.003195 | [SYS][ GML = 0.000000 | AML = 0.000122 | MoV = 0.004743 | VoV = 0.000013 ]  
Train: 100% 845/845 [03:21<00:00, 4.19 step/s]  
Average loss=0.25125083327293396  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.49 step/s]  
  
[Valid(teacher)][1
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Average loss=0.1253434121608734  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.30 step/s]

[Valid(teacher)][20][UTT][ MSE = 0.5854 | LCC = 0.6429 | SRCC = 0.6132 ] [SYS][ MSE = 0.1382 | LCC = 0.9769 | SRCC = 0.9521 ]  
[Valid(teacher)][20][UTT][ GML = 0.289703 | AML = 0.412866 | MoV = 0.355698 | VoV = 0.002762 ] [SYS][ GML = 0.000000 | AML = 0.313327 | MoV = 0.003983 | VoV = 0.000007 ]  
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]  
Average loss=0.1099548265337944  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.53 step/s]

[Valid(teacher)][21][UTT][ MSE = 0.5742 | LCC = 0.6442 | SRCC = 0.6128 ] [SYS][ MSE = 0.1266 | LCC = 0.9779 | SRCC = 0.9535 ]  
[Valid(teacher)][21][UTT][ GML = 0.292561 | AML = 0.416662 | MoV = 0.350516 | VoV = 0.002950 ] [SYS][ GML = 0.000000 | AML = 0.347009 | MoV = 0.003920 | VoV = 0.000007 ]  
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]  
Average loss=0.0934530645608902  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.11 step/s]

[Valid(teacher)][22][UTT][ MSE = 0.5695 | LCC = 0.6439 | SRCC = 0.6131 ] [SYS][ MSE = 0.1181 | LCC = 0.9780 | SRCC = 0.9460 ]  
[Valid(teacher)][22][UTT][ GML = 0.291901 | AML = 0.419462 | MoV = 0.342159 | VoV = 0.002888 ] [SYS][ GML = 0.000000 | AML = 0.502967 | MoV = 0.003827 | VoV = 0.000006 ]  
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]  
Average loss=0.08268825709819794  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.33 step/s]

[Valid(teacher)][23][UTT][ MSE = 0.5652 | LCC = 0.6456 | SRCC = 0.6144 ] [SYS][ MSE = 0.1136 | LCC = 0.9791 | SRCC = 0.9460 ]  
[Valid(teacher)][23][UTT][ GML = 0.292058 | AML = 0.421739 | MoV = 0.336221 | VoV = 0.002768 ] [SYS][ GML = 0.000000 | AML = 0.553102 | MoV = 0.003760 | VoV = 0.000006 ]  
Train: 100% 845/845 [03:23<00:00, 4.14 step/s]  
Average loss=0.07340835779005319  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.92 step/s]

[Valid(teacher)][24][UTT][ MSE = 0.5842 | LCC = 0.6439 | SRCC = 0.6136 ] [SYS][ MSE = 0.1300 | LCC = 0.9784 | SRCC = 0.9474 ]  
[Valid(teacher)][24][UTT][ GML = 0.280660 | AML = 0.418923 | MoV = 0.329474 | VoV = 0.002918 ] [SYS][ GML = 0.000000 | AML = 0.338149 | MoV = 0.003693 | VoV = 0.000006 ]  
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]  
Average loss=0.060980238020420074  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.02 step/s]

[Valid(teacher)][25][UTT][ MSE = 0.5607 | LCC = 0.6465 | SRCC = 0.6157 ] [SYS][ MSE = 0.1071 | LCC = 0.9785 | SRCC = 0.9419 ]  
[Valid(teacher)][25][UTT][ GML = 0.289100 | AML = 0.425725 | MoV = 0.325295 | VoV = 0.003080 ] [SYS][ GML = 0.000000 | AML = 0.608906 | MoV = 0.003650 | VoV = 0.000006 ]  
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]  
Average loss=0.04724973440170288  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.85 step/s]

[Valid(teacher)][26][UTT][ MSE = 0.5651 | LCC = 0.6466 | SRCC = 0.6153 ] [SYS][ MSE = 0.1103 | LCC = 0.9782 | SRCC = 0.9364 ]  
[Valid(teacher)][26][UTT][ GML = 0.284627 | AML = 0.425897 | MoV = 0.320526 | VoV = 0.003129 ] [SYS][ GML = 0.000000 | AML = 0.628021 | MoV = 0.003599 | VoV = 0.000006 ]  
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]  
Average loss=0.03156188130378723  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.96 step/s]

[Valid(teacher)][27][UTT][ MSE = 0.5298 | LCC = 0.6496 | SRCC = 0.6174 ] [SYS][ MSE = 0.0761 | LCC = 0.9786 | SRCC = 0.9446 ]  
[Valid(teacher)][27][UTT][ GML = 0.301339 | AML = 0.435433 | MoV = 0.318266 | VoV = 0.003006 ] [SYS][ GML = 0.000012 | AML = 0.788592 | MoV = 0.003557 | VoV = 0.000005 ]  
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]  
Average loss=0.011807670816779137  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.32 step/s]

[Valid(teacher)][28][UTT][ MSE = 0.5272 | LCC = 0.6505 | SRCC = 0.6179 ] [SYS][ MSE = 0.0767 | LCC = 0.9796 | SRCC = 0.9439 ]  
[Valid(teacher)][28][UTT][ GML = 0.301180 | AML = 0.437332 | MoV = 0.314095 | VoV = 0.002871 ] [SYS][ GML = 0.000011 | AML = 0.805949 | MoV = 0.003510 | VoV = 0.000005 ]  
Train: 100% 845/845 [03:22<00:00, 4.17 step/s]  
Average loss=0.0010253525106236339  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.73 step/s]

[Valid(teacher)][29][UTT][ MSE = 0.5120 | LCC = 0.6510 | SRCC = 0.6189 ] [SYS][ MSE = 0.0602 | LCC = 0.9788 | SRCC = 0.9480 ]  
[Valid(teacher)][29][UTT][ GML = 0.307466 | AML = 0.442401 | MoV = 0.309653 | VoV = 0.002805 ] [SYS][ GML = 0.000179 | AML = 0.783779 | MoV = 0.003455 | VoV = 0.000005 ]  
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]  
Average loss=-0.00819350779056549  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.68 step/s]

[Valid(teacher)][30][UTT][ MSE = 0.5117 | LCC = 0.6502 | SRCC = 0.6186 ] [SYS][ MSE = 0.0553 | LCC = 0.9785 | SRCC = 0.9453 ]  
[Valid(teacher)][30][UTT][ GML = 0.304684 | AML = 0.443756 | MoV = 0.305369 | VoV = 0.002980 ] [SYS][ GML = 0.000296 | AML = 0.753705 | MoV = 0.003413 | VoV = 0.000005 ]  
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]  
Average loss=-0.025686752051115836  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.12 step/s]

[Valid(teacher)][31][UTT][ MSE = 0.5211 | LCC = 0.6493 | SRCC = 0.6179 ] [SYS][ MSE = 0.0632 | LCC = 0.9796 | SRCC = 0.9453 ]  
[Valid(teacher)][31][UTT][ GML = 0.296941 | AML = 0.442501 | MoV = 0.300023 | VoV = 0.002946 ] [SYS][ GML = 0.000052 | AML = 0.819686 | MoV = 0.003355 | VoV = 0.000005 ]  
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]  
Average loss=-0.03897101432085037  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.84 step/s]

[Valid(teacher)][32][UTT][ MSE = 0.5221 | LCC = 0.6466 | SRCC = 0.6159 ] [SYS][ MSE = 0.0589 | LCC = 0.9785 | SRCC = 0.9398 ]  
[Valid(teacher)][32][UTT][ GML = 0.292887 | AML = 0.444063 | MoV = 0.293396 | VoV = 0.002928 ] [SYS][ GML = 0.000071 | AML = 0.766059 | MoV = 0.003284 | VoV = 0.000005 ]  
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]  
Average loss=-0.05001121386885643  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.25 step/s]

[Valid(teacher)][33][UTT][ MSE = 0.5291 | LCC = 0.6480 | SRCC = 0.6168 ] [SYS][ MSE = 0.0702 | LCC = 0.9807 | SRCC = 0.9549 ]  
[Valid(teacher)][33][UTT][ GML = 0.288187 | AML = 0.442427 | MoV = 0.298645 | VoV = 0.002879 ] [SYS][ GML = 0.000008 | AML = 0.677502 | MoV = 0.003252 | VoV = 0.000005 ]  
Train: 100% 845/845 [03:23<00:00, 4.14 step/s]  
Average loss=-0.06697744131088257  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.59 step/s]

[Valid(teacher)][34][UTT][ MSE = 0.5267 | LCC = 0.6477 | SRCC = 0.6156 ] [SYS][ MSE = 0.0674 | LCC = 0.9813 | SRCC = 0.9549 ]  
[Valid(teacher)][34][UTT][ GML = 0.288577 | AML = 0.444148 | MoV = 0.287387 | VoV = 0.002717 ] [SYS][ GML = 0.000011 | AML = 0.854802 | MoV = 0.003215 | VoV = 0.000004 ]  
Train: 100% 845/845 [03:23<00:00, 4.14 step/s]  
Average loss=-0.07864080898840714  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.75 step/s]

[Valid(teacher)][35][UTT][ MSE = 0.5151 | LCC = 0.6487 | SRCC = 0.6161 ] [SYS][ MSE = 0.0567 | LCC = 0.9810 | SRCC = 0.9549 ]  
[Valid(teacher)][35][UTT][ GML = 0.294955 | AML = 0.447611 | MoV = 0.286589 | VoV = 0.002661 ] [SYS][ GML = 0.000110 | AML = 0.979494 | MoV = 0.003195 | VoV = 0.000004 ]  
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]  
Average loss=-0.09441649168729782  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.86 step/s]

[Valid(teacher)][36][UTT][ MSE = 0.5269 | LCC = 0.6491 | SRCC = 0.6163 ] [SYS][ MSE = 0.0701 | LCC = 0.9822 | SRCC = 0.9542 ]  
[Valid(teacher)][36][UTT][ GML = 0.286766 | AML = 0.445537 | MoV = 0.282107 | VoV = 0.002553 ] [SYS][ GML = 0.000006 | AML = 0.598298 | MoV = 0.003144 | VoV = 0.000004 ]  
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]  
Average loss=-0.09839983284473419  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.12 step/s]

[Valid(teacher)][37][UTT][ MSE = 0.5137 | LCC = 0.6505 | SRCC = 0.6173 ] [SYS][ MSE = 0.0597 | LCC = 0.9819 | SRCC = 0.9549 ]  
[Valid(teacher)][37][UTT][ GML = 0.293579 | AML = 0.450121 | MoV = 0.280969 | VoV = 0.002584 ] [SYS][ GML = 0.000053 | AML = 0.797916 | MoV = 0.003130 | VoV = 0.000004 ]  
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]  
Average loss=-0.1107762324228287  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.46 step/s]

[Valid(teacher)][38][UTT][ MSE = 0.5077 | LCC = 0.6508 | SRCC = 0.6175 ] [SYS][ MSE = 0.0527 | LCC = 0.9819 | SRCC = 0.9549 ]  
[Valid(teacher)][38][UTT][ GML = 0.295500 | AML = 0.453452 | MoV = 0.277466 | VoV = 0.002500 ] [SYS][ GML = 0.000175 | AML = 1.065794 | MoV = 0.003083 | VoV = 0.000004 ]  
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]  
Average loss=-0.12556280195713043  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.67 step/s]

[Valid(teacher)][39][UTT][ MSE = 0.5019 | LCC = 0.6512 | SRCC = 0.6176 ] [SYS][ MSE = 0.0469 | LCC = 0.9819 | SRCC = 0.9521 ]  
[Valid(teacher)][39][UTT][ GML = 0.296959 | AML = 0.455279 | MoV = 0.274607 | VoV = 0.002577 ] [SYS][ GML = 0.000504 | AML = 1.342997 | MoV = 0.003047 | VoV = 0.000004 ]  
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]  
Average loss=-0.13699577748775482  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.09 step/s]

[Valid(teacher)][40][UTT][ MSE = 0.5077 | LCC = 0.6510 | SRCC = 0.6182 ] [SYS][ MSE = 0.0513 | LCC = 0.9825 | SRCC = 0.9549 ]  
[Valid(teacher)][40][UTT][ GML = 0.290495 | AML = 0.454628 | MoV = 0.269879 | VoV = 0.002512 ] [SYS][ GML = 0.000158 | AML = 1.043467 | MoV = 0.003000 | VoV = 0.000004 ]  
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]  
Average loss=-0.14379101991653442  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.85 step/s]

[Valid(teacher)][41][UTT][ MSE = 0.4933 | LCC = 0.6512 | SRCC = 0.6178 ] [SYS][ MSE = 0.0369 | LCC = 0.9821 | SRCC = 0.9549 ]  
[Valid(teacher)][41][UTT][ GML = 0.298658 | AML = 0.460247 | MoV = 0.267647 | VoV = 0.002403 ] [SYS][ GML = 0.003359 | AML = 1.776501 | MoV = 0.002965 | VoV = 0.000003 ]  
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]  
Average loss=-0.14923644065856934  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.83 step/s]

[Valid(teacher)][42][UTT][ MSE = 0.4962 | LCC = 0.6483 | SRCC = 0.6150 ] [SYS][ MSE = 0.0364 | LCC = 0.9818 | SRCC = 0.9521 ]  
[Valid(teacher)][42][UTT][ GML = 0.295264 | AML = 0.460069 | MoV = 0.265124 | VoV = 0.002433 ] [SYS][ GML = 0.003765 | AML = 1.765571 | MoV = 0.002935 | VoV = 0.000003 ]  
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]  
Average loss=-0.16067489981651306  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.87 step/s]

[Valid(teacher)][43][UTT][ MSE = 0.4982 | LCC = 0.6465 | SRCC = 0.6126 ] [SYS][ MSE = 0.0362 | LCC = 0.9817 | SRCC = 0.9549 ]  
[Valid(teacher)][43][UTT][ GML = 0.292874 | AML = 0.459763 | MoV = 0.263011 | VoV = 0.002367 ] [SYS][ GML = 0.003947 | AML = 1.770574 | MoV = 0.002918 | VoV = 0.000003 ]

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Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.1677638739347458
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.51 step/s]

[Valid(teacher)][44][UTT][ MSE = 0.4878 | LCC = 0.6476 | SRCC = 0.6143 | [SYS][ MSE = 0.0295 | LCC = 0.9810 | SRCC = 0.9569 ]
[Valid(teacher)][44][UTT][ GML = 0.299477 | AML = 0.463053 | MoV = 0.261984 | VoV = 0.002246 | [SYS][ GML = 0.020926 | AML = 2.101706 | MoV = 0.002902 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.17363684903222113
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.54 step/s]

[Valid(teacher)][45][UTT][ MSE = 0.4989 | LCC = 0.6474 | SRCC = 0.6147 | [SYS][ MSE = 0.0393 | LCC = 0.9817 | SRCC = 0.9549 ]
[Valid(teacher)][45][UTT][ GML = 0.291076 | AML = 0.460247 | MoV = 0.259438 | VoV = 0.002210 | [SYS][ GML = 0.002079 | AML = 1.449000 | MoV = 0.002884 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]
Average loss=-0.1838018149137497
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.25 step/s]

[Valid(teacher)][46][UTT][ MSE = 0.4952 | LCC = 0.6460 | SRCC = 0.6127 | [SYS][ MSE = 0.0350 | LCC = 0.9815 | SRCC = 0.9549 ]
[Valid(teacher)][46][UTT][ GML = 0.292530 | AML = 0.462605 | MoV = 0.257767 | VoV = 0.002187 | [SYS][ GML = 0.005627 | AML = 1.683855 | MoV = 0.002863 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.19058524072170258
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.85 step/s]

[Valid(teacher)][47][UTT][ MSE = 0.4820 | LCC = 0.6463 | SRCC = 0.6133 | [SYS][ MSE = 0.0247 | LCC = 0.9803 | SRCC = 0.9535 ]
[Valid(teacher)][47][UTT][ GML = 0.301419 | AML = 0.467413 | MoV = 0.256372 | VoV = 0.001953 | [SYS][ GML = 0.066575 | AML = 2.312913 | MoV = 0.002839 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]
Average loss=-0.1986362785100937
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.95 step/s]

[Valid(teacher)][48][UTT][ MSE = 0.4974 | LCC = 0.6440 | SRCC = 0.6102 | [SYS][ MSE = 0.0375 | LCC = 0.9817 | SRCC = 0.9542 ]
[Valid(teacher)][48][UTT][ GML = 0.289028 | AML = 0.463118 | MoV = 0.253158 | VoV = 0.001983 | [SYS][ GML = 0.003258 | AML = 1.378094 | MoV = 0.002819 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]
Average loss=-0.21537718176841736
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.29 step/s]

[Valid(teacher)][49][UTT][ MSE = 0.4955 | LCC = 0.6438 | SRCC = 0.6103 | [SYS][ MSE = 0.0338 | LCC = 0.9814 | SRCC = 0.9562 ]
[Valid(teacher)][49][UTT][ GML = 0.288101 | AML = 0.465114 | MoV = 0.249836 | VoV = 0.001972 | [SYS][ GML = 0.006218 | AML = 1.634367 | MoV = 0.002779 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]
Average loss=-0.2194107323884964
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.36 step/s]

[Valid(teacher)][50][UTT][ MSE = 0.4851 | LCC = 0.6448 | SRCC = 0.6114 | [SYS][ MSE = 0.0240 | LCC = 0.9814 | SRCC = 0.9508 ]
[Valid(teacher)][50][UTT][ GML = 0.294231 | AML = 0.469005 | MoV = 0.249204 | VoV = 0.001994 | [SYS][ GML = 0.054658 | AML = 2.550046 | MoV = 0.002765 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]
Average loss=-0.2280019223690033
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.38 step/s]

[Valid(teacher)][51][UTT][ MSE = 0.4854 | LCC = 0.6440 | SRCC = 0.6100 | [SYS][ MSE = 0.0227 | LCC = 0.9811 | SRCC = 0.9508 ]
[Valid(teacher)][51][UTT][ GML = 0.292155 | AML = 0.469195 | MoV = 0.246147 | VoV = 0.001938 | [SYS][ GML = 0.074146 | AML = 2.599655 | MoV = 0.002730 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.23420800268650055
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.68 step/s]

[Valid(teacher)][52][UTT][ MSE = 0.4797 | LCC = 0.6438 | SRCC = 0.6102 | [SYS][ MSE = 0.0187 | LCC = 0.9815 | SRCC = 0.9535 ]
[Valid(teacher)][52][UTT][ GML = 0.294882 | AML = 0.472253 | MoV = 0.242909 | VoV = 0.001725 | [SYS][ GML = 0.209240 | AML = 2.685321 | MoV = 0.002692 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.2446364313364029
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.35 step/s]

[Valid(teacher)][53][UTT][ MSE = 0.4840 | LCC = 0.6448 | SRCC = 0.6073 | [SYS][ MSE = 0.0209 | LCC = 0.9818 | SRCC = 0.9508 ]
[Valid(teacher)][53][UTT][ GML = 0.290200 | AML = 0.471401 | MoV = 0.240375 | VoV = 0.001702 | [SYS][ GML = 0.127955 | AML = 2.561994 | MoV = 0.002673 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.2516699731349945
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.44 step/s]

[Valid(teacher)][54][UTT][ MSE = 0.4848 | LCC = 0.6397 | SRCC = 0.6056 | [SYS][ MSE = 0.0199 | LCC = 0.9796 | SRCC = 0.9535 ]
[Valid(teacher)][54][UTT][ GML = 0.289816 | AML = 0.471687 | MoV = 0.239990 | VoV = 0.001684 | [SYS][ GML = 0.176754 | AML = 2.603378 | MoV = 0.002663 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00, 4.14 step/s]
Average loss=-0.2636753320609397
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.34 step/s]

[Valid(teacher)][55][UTT][ MSE = 0.4909 | LCC = 0.6376 | SRCC = 0.6041 | [SYS][ MSE = 0.0211 | LCC = 0.9793 | SRCC = 0.9528 ]
[Valid(teacher)][55][UTT][ GML = 0.281939 | AML = 0.471119 | MoV = 0.236033 | VoV = 0.001748 | [SYS][ GML = 0.120622 | AML = 2.671351 | MoV = 0.002622 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.2715780735015869
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.41 step/s]

[Valid(teacher)][56][UTT][ MSE = 0.4863 | LCC = 0.6386 | SRCC = 0.6039 | [SYS][ MSE = 0.0224 | LCC = 0.9807 | SRCC = 0.9528 ]
[Valid(teacher)][56][UTT][ GML = 0.284397 | AML = 0.472146 | MoV = 0.235577 | VoV = 0.001737 | [SYS][ GML = 0.108530 | AML = 2.596046 | MoV = 0.002624 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.27665823698043823
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.98 step/s]

[Valid(teacher)][57][UTT][ MSE = 0.4833 | LCC = 0.6395 | SRCC = 0.6055 | [SYS][ MSE = 0.0193 | LCC = 0.9795 | SRCC = 0.9535 ]
[Valid(teacher)][57][UTT][ GML = 0.285470 | AML = 0.473704 | MoV = 0.233089 | VoV = 0.001630 | [SYS][ GML = 0.204257 | AML = 2.708077 | MoV = 0.002595 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]
Average loss=-0.28432637453079224
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.63 step/s]

[Valid(teacher)][58][UTT][ MSE = 0.4841 | LCC = 0.6378 | SRCC = 0.6048 | [SYS][ MSE = 0.0186 | LCC = 0.9782 | SRCC = 0.9501 ]
[Valid(teacher)][58][UTT][ GML = 0.284322 | AML = 0.474307 | MoV = 0.231532 | VoV = 0.001601 | [SYS][ GML = 0.227912 | AML = 2.789821 | MoV = 0.002569 | VoV = 0.000003 ]
Train: 100% 845/845 [03:22<00:00, 4.17 step/s]
Average loss=-0.29415255784908403
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.88 step/s]

[Valid(teacher)][59][UTT][ MSE = 0.4864 | LCC = 0.6363 | SRCC = 0.6039 | [SYS][ MSE = 0.0200 | LCC = 0.9766 | SRCC = 0.9460 ]
[Valid(teacher)][59][UTT][ GML = 0.281634 | AML = 0.475073 | MoV = 0.229449 | VoV = 0.001588 | [SYS][ GML = 0.162254 | AML = 2.872246 | MoV = 0.002545 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]
Average loss=-0.30247411131858826
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.75 step/s]

[Valid(teacher)][60][UTT][ MSE = 0.4841 | LCC = 0.6367 | SRCC = 0.6044 | [SYS][ MSE = 0.0202 | LCC = 0.9767 | SRCC = 0.9460 ]
[Valid(teacher)][60][UTT][ GML = 0.281073 | AML = 0.476685 | MoV = 0.227046 | VoV = 0.001546 | [SYS][ GML = 0.155322 | AML = 2.869231 | MoV = 0.002518 | VoV = 0.000003 ]
Best model performance test:
Test(best): 0% 0/4000 [00:00<?, 7 step/s]/home/x_xliang/.conda/envs/lyxgpu/lib/python3.8/site-packages/torch/nn/modules/rnn.py:774: UserWarning: RNN module weights are not part of single contiguous chunk of memory. This means they need to be compacted at every call, possibly greatly increasing memory usage. To compact weights again call flatten_parameters(). (Triggered internally at ../at
en/src/ATen/native/cudnn/RNN.cpp:968.)
result = _VF.lstm(input, hx, self._flat_weights, self.bias, self.num_layers,
Test(best): 100% 4000/4000 [00:20<00:00, 195.62 step/s]

[Test(best)][61][UTT][ MSE = 0.4868 | LCC = 0.6603 | SRCC = 0.6290 | [SYS][ MSE = 0.0321 | LCC = 0.9815 | SRCC = 0.9665 ]
[Test(best)][61][UTT][ GML = 0.298191 | AML = 0.466204 | MoV = 0.266792 | VoV = 0.002484 | [SYS][ GML = 0.002138 | AML = 2.796255 | MoV = 0.002188 | VoV = 0.000002 ]
Test(last): 100% 4000/4000 [00:20<00:00, 199.46 step/s]

[Test(last)][61][UTT][ MSE = 0.4775 | LCC = 0.6498 | SRCC = 0.6214 | [SYS][ MSE = 0.0224 | LCC = 0.9767 | SRCC = 0.9733 ]
[Test(last)][61][UTT][ GML = 0.284767 | AML = 0.479479 | MoV = 0.227342 | VoV = 0.001585 | [SYS][ GML = 0.068895 | AML = 3.604213 | MoV = 0.001860 | VoV = 0.000001 ]
(lyxgpu) [x_xliang@node006 ProMOSNet]$
```