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xlypu) [x_xlian@node011 ProMOSNet]$ python train.py --lamb_c=0 --lamb_t=0 --save_path "runs/c0-t0/run3"
Loading all wav files.
100% |██████████████████████████████████████████████████████████████████████████████| 54040/54040 [08:18<00:00, 108.46it/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 [01:50<00:00, 27.20it/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 [02:27<00:00, 27.08it/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 [03:34<00:00, 3.95 step/s]
Average loss=18038.33984375
Valid(teacher): 100% 3000/3000 [00:15<00:00, 190.31 step/s]

[Valid(teacher)][0][UTT] MSE = 2.0911 | LCC = 0.5026 | SRCC = 0.4781 | [SYS] MSE = 1.8363 | LCC = 0.8584 | SRCC = 0.8482 ]
[Valid(teacher)][0][UTT] GML = 0.053969 | AML = 0.195973 | MoV = 0.456584 | VoV = 0.010380 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.005414 | VoV = 0.000023 ]
Train: 100% 845/845 [03:27<00:00, 4.07 step/s]
Average loss=0.2580716907978058
Valid(teacher): 100% 3000/3000 [00:42<00:00, 71.07 step/s]

[Valid(teacher)][1][UTT] MSE = 1.7303 | LCC = 0.5647 | SRCC = 0.5258 | [SYS] MSE = 1.3700 | LCC = 0.9116 | SRCC = 0.8516 ]
[Valid(teacher)][1][UTT] GML = 0.050579 | AML = 0.216274 | MoV = 0.395073 | VoV = 0.013992 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004862 | VoV = 0.000024 ]
Train: 100% 845/845 [06:29<00:00, 2.17 step/s]
Average loss=0.2176317572593689
Valid(teacher): 100% 3000/3000 [00:32<00:00, 92.56 step/s]

[Valid(teacher)][2][UTT] MSE = 2.1129 | LCC = 0.5822 | SRCC = 0.5420 | [SYS] MSE = 1.7843 | LCC = 0.9275 | SRCC = 0.8578 ]
[Valid(teacher)][2][UTT] GML = 0.015672 | AML = 0.165962 | MoV = 0.332328 | VoV = 0.012087 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004122 | VoV = 0.000019 ]
Train: 100% 845/845 [06:33<00:00, 2.15 step/s]
Average loss=0.1936092972755432
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.93 step/s]

[Valid(teacher)][3][UTT] MSE = 1.9091 | LCC = 0.5951 | SRCC = 0.5592 | [SYS] MSE = 1.6038 | LCC = 0.9411 | SRCC = 0.8947 ]
[Valid(teacher)][3][UTT] GML = 0.031781 | AML = 0.191848 | MoV = 0.335968 | VoV = 0.009089 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004126 | VoV = 0.000017 ]
Train: 100% 845/845 [03:51<00:00, 3.65 step/s]
Average loss=0.17100919783115387
Valid(teacher): 100% 3000/3000 [00:47<00:00, 63.00 step/s]

[Valid(teacher)][4][UTT] MSE = 2.0033 | LCC = 0.5936 | SRCC = 0.5625 | [SYS] MSE = 1.7236 | LCC = 0.9389 | SRCC = 0.8858 ]
[Valid(teacher)][4][UTT] GML = 0.022624 | AML = 0.183906 | MoV = 0.304915 | VoV = 0.007377 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.003766 | VoV = 0.000014 ]
Train: 100% 845/845 [03:43<00:00, 3.78 step/s]
Average loss=0.15163512527942657
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.04 step/s]

[Valid(teacher)][5][UTT] MSE = 1.9654 | LCC = 0.5947 | SRCC = 0.5674 | [SYS] MSE = 1.6913 | LCC = 0.9412 | SRCC = 0.8913 ]
[Valid(teacher)][5][UTT] GML = 0.027022 | AML = 0.190668 | MoV = 0.310529 | VoV = 0.006950 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.003816 | VoV = 0.000014 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=0.1422869861125946
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.40 step/s]

[Valid(teacher)][6][UTT] MSE = 1.7557 | LCC = 0.5960 | SRCC = 0.5733 | [SYS] MSE = 1.4650 | LCC = 0.9453 | SRCC = 0.8783 ]
[Valid(teacher)][6][UTT] GML = 0.040604 | AML = 0.218345 | MoV = 0.328249 | VoV = 0.006402 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004005 | VoV = 0.000015 ]
Train: 100% 845/845 [03:25<00:00, 4.10 step/s]
Average loss=0.12619589269161224
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.95 step/s]

[Valid(teacher)][7][UTT] MSE = 1.5945 | LCC = 0.5930 | SRCC = 0.5761 | [SYS] MSE = 1.2832 | LCC = 0.9470 | SRCC = 0.8831 ]
[Valid(teacher)][7][UTT] GML = 0.064387 | AML = 0.240585 | MoV = 0.339015 | VoV = 0.005794 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004115 | VoV = 0.000015 ]
Train: 100% 845/845 [03:25<00:00, 4.10 step/s]
Average loss=0.1186264231801033
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.51 step/s]

[Valid(teacher)][8][UTT] MSE = 1.5042 | LCC = 0.5929 | SRCC = 0.5787 | [SYS] MSE = 1.1816 | LCC = 0.9505 | SRCC = 0.8885 ]
[Valid(teacher)][8][UTT] GML = 0.075654 | AML = 0.253419 | MoV = 0.341559 | VoV = 0.005296 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004138 | VoV = 0.000014 ]
Train: 100% 845/845 [06:28<00:00, 2.17 step/s]
Average loss=0.10616020858287811
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.04 step/s]

[Valid(teacher)][9][UTT] MSE = 1.3861 | LCC = 0.5895 | SRCC = 0.5795 | [SYS] MSE = 1.0531 | LCC = 0.9493 | SRCC = 0.8913 ]
[Valid(teacher)][9][UTT] GML = 0.094926 | AML = 0.270436 | MoV = 0.351564 | VoV = 0.004616 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004223 | VoV = 0.000014 ]
Train: 100% 845/845 [03:29<00:00, 4.04 step/s]
Average loss=0.09111279249191284
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.82 step/s]

[Valid(teacher)][10][UTT] MSE = 1.3439 | LCC = 0.5868 | SRCC = 0.5797 | [SYS] MSE = 1.0015 | LCC = 0.9498 | SRCC = 0.8769 ]
[Valid(teacher)][10][UTT] GML = 0.100708 | AML = 0.276856 | MoV = 0.350864 | VoV = 0.004044 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004201 | VoV = 0.000013 ]
Train: 100% 845/845 [03:28<00:00, 4.06 step/s]
Average loss=0.08415268361568451
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.21 step/s]

[Valid(teacher)][11][UTT] MSE = 1.2347 | LCC = 0.5870 | SRCC = 0.5796 | [SYS] MSE = 0.8774 | LCC = 0.9511 | SRCC = 0.8708 ]
[Valid(teacher)][11][UTT] GML = 0.120616 | AML = 0.292599 | MoV = 0.358733 | VoV = 0.003401 | [SYS] G
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Average loss=0.003208671696484089
Valid(teacher): 100% 3000/3000 [00:17<00:00, 169.82 step/s]

[Valid(teacher)][20][UTT][MSE = 0.5703 | LCC = 0.6354 | SRCC = 0.6062 | [SYS][MSE = 0.1212 | LCC = 0.9789 | SRCC = 0.9268]
[Valid(teacher)][20][UTT][GML = 0.297132 | AML = 0.413545 | MoV = 0.359911 | VoV = 0.001907 | [SYS][GML = 0.000000 | AML = 0.187136 | MoV = 0.004065 | VoV = 0.000008]
Train: 100% 845/845 [03:48<00:00, 3.71 step/s]
Average loss=-0.01076433528214693
Valid(teacher): 100% 3000/3000 [00:16<00:00, 180.53 step/s]

[Valid(teacher)][21][UTT][MSE = 0.5555 | LCC = 0.6344 | SRCC = 0.6060 | [SYS][MSE = 0.1009 | LCC = 0.9786 | SRCC = 0.9234]
[Valid(teacher)][21][UTT][GML = 0.302503 | AML = 0.418158 | MoV = 0.354322 | VoV = 0.001783 | [SYS][GML = 0.000002 | AML = 0.459695 | MoV = 0.003985 | VoV = 0.000008]
Train: 100% 845/845 [03:30<00:00, 4.01 step/s]
Average loss=-0.02101676911156464
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.11 step/s]

[Valid(teacher)][22][UTT][MSE = 0.5509 | LCC = 0.6334 | SRCC = 0.6050 | [SYS][MSE = 0.0927 | LCC = 0.9779 | SRCC = 0.9234]
[Valid(teacher)][22][UTT][GML = 0.303020 | AML = 0.420358 | MoV = 0.348572 | VoV = 0.001762 | [SYS][GML = 0.000005 | AML = 0.612561 | MoV = 0.003917 | VoV = 0.000007]
Train: 100% 845/845 [03:42<00:00, 3.79 step/s]
Average loss=-0.029892299324274063
Valid(teacher): 100% 3000/3000 [00:15<00:00, 188.95 step/s]

[Valid(teacher)][23][UTT][MSE = 0.5811 | LCC = 0.6322 | SRCC = 0.6040 | [SYS][MSE = 0.1239 | LCC = 0.9784 | SRCC = 0.9207]
[Valid(teacher)][23][UTT][GML = 0.287095 | AML = 0.414533 | MoV = 0.341741 | VoV = 0.001886 | [SYS][GML = 0.000000 | AML = 0.178372 | MoV = 0.003853 | VoV = 0.000007]
Train: 100% 845/845 [03:28<00:00, 4.06 step/s]
Average loss=-0.04163537546992302
Valid(teacher): 100% 3000/3000 [00:15<00:00, 188.17 step/s]

[Valid(teacher)][24][UTT][MSE = 0.5622 | LCC = 0.6292 | SRCC = 0.6021 | [SYS][MSE = 0.0973 | LCC = 0.9754 | SRCC = 0.9200]
[Valid(teacher)][24][UTT][GML = 0.292925 | AML = 0.420439 | MoV = 0.335674 | VoV = 0.001852 | [SYS][GML = 0.000001 | AML = 0.667248 | MoV = 0.003786 | VoV = 0.000007]
Train: 100% 845/845 [03:26<00:00, 4.09 step/s]
Average loss=-0.049216415733098984
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.95 step/s]

[Valid(teacher)][25][UTT][MSE = 0.5478 | LCC = 0.6290 | SRCC = 0.6028 | [SYS][MSE = 0.0809 | LCC = 0.9729 | SRCC = 0.9145]
[Valid(teacher)][25][UTT][GML = 0.298324 | AML = 0.424872 | MoV = 0.331725 | VoV = 0.001836 | [SYS][GML = 0.000015 | AML = 0.868786 | MoV = 0.003732 | VoV = 0.000007]
Train: 100% 845/845 [03:26<00:00, 4.09 step/s]
Average loss=-0.058389149606227875
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.48 step/s]

[Valid(teacher)][26][UTT][MSE = 0.5329 | LCC = 0.6339 | SRCC = 0.6067 | [SYS][MSE = 0.0670 | LCC = 0.9757 | SRCC = 0.9227]
[Valid(teacher)][26][UTT][GML = 0.304995 | AML = 0.428823 | MoV = 0.329691 | VoV = 0.001814 | [SYS][GML = 0.000138 | AML = 0.986441 | MoV = 0.003698 | VoV = 0.000007]
Train: 100% 845/845 [03:25<00:00, 4.10 step/s]
Average loss=-0.06691861897706985
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.20 step/s]

[Valid(teacher)][27][UTT][MSE = 0.5227 | LCC = 0.6311 | SRCC = 0.6044 | [SYS][MSE = 0.0481 | LCC = 0.9734 | SRCC = 0.9214]
[Valid(teacher)][27][UTT][GML = 0.308706 | AML = 0.433221 | MoV = 0.325411 | VoV = 0.001830 | [SYS][GML = 0.002756 | AML = 1.268943 | MoV = 0.003643 | VoV = 0.000006]
Train: 100% 845/845 [03:37<00:00, 3.88 step/s]
Average loss=-0.06833475083112717
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.31 step/s]

[Valid(teacher)][28][UTT][MSE = 0.5203 | LCC = 0.6290 | SRCC = 0.6024 | [SYS][MSE = 0.0429 | LCC = 0.9724 | SRCC = 0.9186]
[Valid(teacher)][28][UTT][GML = 0.308547 | AML = 0.434752 | MoV = 0.321365 | VoV = 0.001840 | [SYS][GML = 0.007127 | AML = 1.392642 | MoV = 0.003602 | VoV = 0.000006]
Train: 100% 845/845 [05:10<00:00, 2.72 step/s]
Average loss=-0.08047803491353989
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.27 step/s]

[Valid(teacher)][29][UTT][MSE = 0.5152 | LCC = 0.6294 | SRCC = 0.6027 | [SYS][MSE = 0.0372 | LCC = 0.9728 | SRCC = 0.9207]
[Valid(teacher)][29][UTT][GML = 0.309392 | AML = 0.437260 | MoV = 0.316572 | VoV = 0.001873 | [SYS][GML = 0.020731 | AML = 1.694924 | MoV = 0.003547 | VoV = 0.000006]
Train: 100% 845/845 [04:47<00:00, 2.93 step/s]
Average loss=-0.08916839212179184
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.01 step/s]

[Valid(teacher)][30][UTT][MSE = 0.5130 | LCC = 0.6291 | SRCC = 0.6025 | [SYS][MSE = 0.0350 | LCC = 0.9713 | SRCC = 0.9234]
[Valid(teacher)][30][UTT][GML = 0.309158 | AML = 0.439381 | MoV = 0.312352 | VoV = 0.001858 | [SYS][GML = 0.027244 | AML = 1.982144 | MoV = 0.003491 | VoV = 0.000006]
Train: 100% 845/845 [03:27<00:00, 4.07 step/s]
Average loss=-0.09245094656944275
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.81 step/s]

[Valid(teacher)][31][UTT][MSE = 0.5183 | LCC = 0.6312 | SRCC = 0.6035 | [SYS][MSE = 0.0450 | LCC = 0.9737 | SRCC = 0.9227]
[Valid(teacher)][31][UTT][GML = 0.304691 | AML = 0.438748 | MoV = 0.309953 | VoV = 0.002001 | [SYS][GML = 0.004634 | AML = 1.512754 | MoV = 0.003472 | VoV = 0.000006]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=-0.10389044880867004
Valid(teacher): 100% 3000/3000 [00:15<00:00, 190.17 step/s]

[Valid(teacher)][32][UTT][MSE = 0.5123 | LCC = 0.6315 | SRCC = 0.6040 | [SYS][MSE = 0.0342 | LCC = 0.9736 | SRCC = 0.9262]
[Valid(teacher)][32][UTT][GML = 0.306391 | AML = 0.441887 | MoV = 0.305277 | VoV = 0.001973 | [SYS][GML = 0.026286 | AML = 2.203285 | MoV = 0.003399 | VoV = 0.000005]
Train: 100% 845/845 [04:49<00:00, 2.92 step/s]
Average loss=-0.11214328557252884
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.58 step/s]

[Valid(teacher)][33][UTT][MSE = 0.5279 | LCC = 0.6261 | SRCC = 0.5991 | [SYS][MSE = 0.0496 | LCC = 0.9705 | SRCC = 0.9186]
[Valid(teacher)][33][UTT][GML = 0.295427 | AML = 0.438850 | MoV = 0.301219 | VoV = 0.002092 | [SYS][GML = 0.001515 | AML = 1.584285 | MoV = 0.003375 | VoV = 0.000006]
Train: 100% 845/845 [03:25<00:00, 3.91 step/s]
Average loss=-0.11993309110403061
Valid(teacher): 100% 3000/3000 [00:15<00:00, 188.86 step/s]

[Valid(teacher)][34][UTT][MSE = 0.5118 | LCC = 0.6275 | SRCC = 0.6004 | [SYS][MSE = 0.0296 | LCC = 0.9715 | SRCC = 0.9221]
[Valid(teacher)][34][UTT][GML = 0.303808 | AML = 0.444230 | MoV = 0.297803 | VoV = 0.001952 | [SYS][GML = 0.055983 | AML = 2.489179 | MoV = 0.003313 | VoV = 0.000005]
Train: 100% 845/845 [03:27<00:00, 4.07 step/s]
Average loss=-0.12642574318302734
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.59 step/s]

[Valid(teacher)][35][UTT][MSE = 0.5101 | LCC = 0.6306 | SRCC = 0.6035 | [SYS][MSE = 0.0297 | LCC = 0.9746 | SRCC = 0.9323]
[Valid(teacher)][35][UTT][GML = 0.302635 | AML = 0.445826 | MoV = 0.293609 | VoV = 0.001974 | [SYS][GML = 0.053047 | AML = 2.598436 | MoV = 0.003270 | VoV = 0.000005]
Train: 100% 845/845 [03:26<00:00, 4.09 step/s]
Average loss=-0.13799424469470978
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.33 step/s]

[Valid(teacher)][36][UTT][MSE = 0.5069 | LCC = 0.6312 | SRCC = 0.6038 | [SYS][MSE = 0.0271 | LCC = 0.9751 | SRCC = 0.9344]
[Valid(teacher)][36][UTT][GML = 0.302137 | AML = 0.448097 | MoV = 0.287885 | VoV = 0.001911 | [SYS][GML = 0.087807 | AML = 2.951232 | MoV = 0.003196 | VoV = 0.000005]
Train: 100% 845/845 [03:26<00:00, 4.10 step/s]
Average loss=-0.14683809876441956
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.68 step/s]

[Valid(teacher)][37][UTT][MSE = 0.5079 | LCC = 0.6294 | SRCC = 0.6023 | [SYS][MSE = 0.0236 | LCC = 0.9750 | SRCC = 0.9337]
[Valid(teacher)][37][UTT][GML = 0.299638 | AML = 0.448467 | MoV = 0.284884 | VoV = 0.002018 | [SYS][GML = 0.160468 | AML = 3.176143 | MoV = 0.003160 | VoV = 0.000005]
Train: 100% 845/845 [03:28<00:00, 4.04 step/s]
Average loss=-0.1536487638950348
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.66 step/s]

[Valid(teacher)][38][UTT][MSE = 0.5075 | LCC = 0.6299 | SRCC = 0.6026 | [SYS][MSE = 0.0200 | LCC = 0.9754 | SRCC = 0.9364]
[Valid(teacher)][38][UTT][GML = 0.298015 | AML = 0.450151 | MoV = 0.279925 | VoV = 0.002047 | [SYS][GML = 0.263205 | AML = 2.961268 | MoV = 0.003098 | VoV = 0.000004]
Train: 100% 845/845 [03:29<00:00, 4.04 step/s]
Average loss=-0.16246160864830017
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.44 step/s]

[Valid(teacher)][39][UTT][MSE = 0.5106 | LCC = 0.6290 | SRCC = 0.6025 | [SYS][MSE = 0.0211 | LCC = 0.9745 | SRCC = 0.9364]
[Valid(teacher)][39][UTT][GML = 0.294745 | AML = 0.451295 | MoV = 0.276164 | VoV = 0.002051 | [SYS][GML = 0.204976 | AML = 2.412731 | MoV = 0.003056 | VoV = 0.000004]
Train: 100% 845/845 [03:28<00:00, 4.05 step/s]
Average loss=-0.1643352508544922
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.11 step/s]

[Valid(teacher)][40][UTT][MSE = 0.5089 | LCC = 0.6286 | SRCC = 0.6013 | [SYS][MSE = 0.0214 | LCC = 0.9741 | SRCC = 0.9364]
[Valid(teacher)][40][UTT][GML = 0.294948 | AML = 0.452909 | MoV = 0.273670 | VoV = 0.001909 | [SYS][GML = 0.191567 | AML = 2.400280 | MoV = 0.003024 | VoV = 0.000004]
Train: 100% 845/845 [03:26<00:00, 4.09 step/s]
Average loss=-0.1738060563802719
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.46 step/s]

[Valid(teacher)][41][UTT][MSE = 0.5134 | LCC = 0.6288 | SRCC = 0.6017 | [SYS][MSE = 0.0243 | LCC = 0.9747 | SRCC = 0.9474]
[Valid(teacher)][41][UTT][GML = 0.291410 | AML = 0.452378 | MoV = 0.270746 | VoV = 0.001960 | [SYS][GML = 0.088673 | AML = 2.096540 | MoV = 0.002983 | VoV = 0.000004]
Train: 100% 845/845 [07:14<00:00, 1.94 step/s]
Average loss=-0.17507006227970123
Valid(teacher): 100% 3000/3000 [00:26<00:00, 112.46 step/s]

[Valid(teacher)][42][UTT][MSE = 0.5067 | LCC = 0.6301 | SRCC = 0.6022 | [SYS][MSE = 0.0203 | LCC = 0.9772 | SRCC = 0.9597]
[Valid(teacher)][42][UTT][GML = 0.293820 | AML = 0.454900 | MoV = 0.268704 | VoV = 0.001890 | [SYS][GML = 0.237895 | AML = 2.496792 | MoV = 0.002969 | VoV = 0.000004]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.18003708124160767
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.62 step/s]

[Valid(teacher)][43][UTT][MSE = 0.5119 | LCC = 0.6289 | SRCC = 0.6013 | [SYS][MSE = 0.0217 | LCC = 0.9770 | SRCC = 0.9569]
[Valid(teacher)][43][UTT][GML = 0.289784 | AML = 0.454091 | MoV = 0.267042 | VoV = 0.002022 | [SYS][GML = 0.155519 | AML = 2.464957 | MoV = 0.002943 | VoV = 0.000004]

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Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.18877540528774261
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.46 step/s]

[Valid(teacher)][44][UTT][ MSE = 0.5079 | LCC = 0.6273 | SRCC = 0.5989 | [SYS][ MSE = 0.0195 | LCC = 0.9774 | SRCC = 0.9378 ]
[Valid(teacher)][44][UTT][ GML = 0.289158 | AML = 0.456043 | MoV = 0.261829 | VoV = 0.001839 | [SYS][ GML = 0.285130 | AML = 2.523390 | MoV = 0.002898 | VoV = 0.000004 ]
Train: 100% 845/845 [03:26<00:00, 4.10 step/s]
Average loss=-0.1982268610629272
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.55 step/s]

[Valid(teacher)][45][UTT][ MSE = 0.5145 | LCC = 0.6250 | SRCC = 0.5968 | [SYS][ MSE = 0.0211 | LCC = 0.9764 | SRCC = 0.9330 ]
[Valid(teacher)][45][UTT][ GML = 0.282627 | AML = 0.455690 | MoV = 0.257322 | VoV = 0.001815 | [SYS][ GML = 0.176247 | AML = 2.203802 | MoV = 0.002844 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.2053278684616089
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.88 step/s]

[Valid(teacher)][46][UTT][ MSE = 0.5277 | LCC = 0.6224 | SRCC = 0.5944 | [SYS][ MSE = 0.0312 | LCC = 0.9725 | SRCC = 0.9289 ]
[Valid(teacher)][46][UTT][ GML = 0.273988 | AML = 0.452965 | MoV = 0.254197 | VoV = 0.001847 | [SYS][ GML = 0.014915 | AML = 2.168111 | MoV = 0.002800 | VoV = 0.000003 ]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.21167783439159393
Valid(teacher): 100% 3000/3000 [00:17<00:00, 169.52 step/s]

[Valid(teacher)][47][UTT][ MSE = 0.5368 | LCC = 0.6217 | SRCC = 0.5940 | [SYS][ MSE = 0.0376 | LCC = 0.9740 | SRCC = 0.9337 ]
[Valid(teacher)][47][UTT][ GML = 0.267683 | AML = 0.451232 | MoV = 0.258008 | VoV = 0.001779 | [SYS][ GML = 0.002614 | AML = 1.786310 | MoV = 0.002759 | VoV = 0.000003 ]
Train: 100% 845/845 [03:26<00:00, 4.10 step/s]
Average loss=-0.21092897653579712
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.43 step/s]

[Valid(teacher)][48][UTT][ MSE = 0.5373 | LCC = 0.6224 | SRCC = 0.5950 | [SYS][ MSE = 0.0382 | LCC = 0.9738 | SRCC = 0.9186 ]
[Valid(teacher)][48][UTT][ GML = 0.268164 | AML = 0.451824 | MoV = 0.251842 | VoV = 0.001852 | [SYS][ GML = 0.002159 | AML = 1.826168 | MoV = 0.002769 | VoV = 0.000003 ]
Train: 100% 845/845 [03:27<00:00, 4.08 step/s]
Average loss=-0.222041055560112
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.74 step/s]

[Valid(teacher)][49][UTT][ MSE = 0.5424 | LCC = 0.6218 | SRCC = 0.5943 | [SYS][ MSE = 0.0412 | LCC = 0.9737 | SRCC = 0.9330 ]
[Valid(teacher)][49][UTT][ GML = 0.263954 | AML = 0.451598 | MoV = 0.249246 | VoV = 0.001861 | [SYS][ GML = 0.000896 | AML = 1.595483 | MoV = 0.002743 | VoV = 0.000003 ]
Train: 100% 845/845 [03:27<00:00, 4.08 step/s]
Average loss=-0.22775684297084808
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.60 step/s]

[Valid(teacher)][50][UTT][ MSE = 0.5454 | LCC = 0.6205 | SRCC = 0.5934 | [SYS][ MSE = 0.0448 | LCC = 0.9712 | SRCC = 0.9227 ]
[Valid(teacher)][50][UTT][ GML = 0.260302 | AML = 0.450590 | MoV = 0.246589 | VoV = 0.001855 | [SYS][ GML = 0.000399 | AML = 1.548818 | MoV = 0.002713 | VoV = 0.000003 ]
Train: 100% 845/845 [03:27<00:00, 4.07 step/s]
Average loss=-0.23554876446723938
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.90 step/s]

[Valid(teacher)][51][UTT][ MSE = 0.5574 | LCC = 0.6187 | SRCC = 0.5918 | [SYS][ MSE = 0.0534 | LCC = 0.9695 | SRCC = 0.9186 ]
[Valid(teacher)][51][UTT][ GML = 0.251804 | AML = 0.448604 | MoV = 0.243117 | VoV = 0.001823 | [SYS][ GML = 0.000040 | AML = 1.207206 | MoV = 0.002670 | VoV = 0.000003 ]
Train: 100% 845/845 [04:31<00:00, 3.11 step/s]
Average loss=-0.2418670585285263
Valid(teacher): 100% 3000/3000 [00:39<00:00, 76.03 step/s]

[Valid(teacher)][52][UTT][ MSE = 0.5394 | LCC = 0.6225 | SRCC = 0.5952 | [SYS][ MSE = 0.0430 | LCC = 0.9729 | SRCC = 0.9419 ]
[Valid(teacher)][52][UTT][ GML = 0.257867 | AML = 0.454554 | MoV = 0.238720 | VoV = 0.001813 | [SYS][ GML = 0.000475 | AML = 1.393333 | MoV = 0.002624 | VoV = 0.000003 ]
Train: 100% 845/845 [06:00<00:00, 2.34 step/s]
Average loss=-0.2444358617067337
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.57 step/s]

[Valid(teacher)][53][UTT][ MSE = 0.5259 | LCC = 0.6227 | SRCC = 0.5956 | [SYS][ MSE = 0.0338 | LCC = 0.9739 | SRCC = 0.9323 ]
[Valid(teacher)][53][UTT][ GML = 0.263036 | AML = 0.458239 | MoV = 0.236489 | VoV = 0.001808 | [SYS][ GML = 0.005199 | AML = 2.058993 | MoV = 0.002609 | VoV = 0.000003 ]
Train: 100% 845/845 [03:59<00:00, 3.54 step/s]
Average loss=-0.2519965171813965
Valid(teacher): 100% 3000/3000 [00:17<00:00, 172.81 step/s]

[Valid(teacher)][54][UTT][ MSE = 0.5453 | LCC = 0.6193 | SRCC = 0.5920 | [SYS][ MSE = 0.0504 | LCC = 0.9714 | SRCC = 0.9323 ]
[Valid(teacher)][54][UTT][ GML = 0.252774 | AML = 0.452511 | MoV = 0.235351 | VoV = 0.001733 | [SYS][ GML = 0.000070 | AML = 1.327621 | MoV = 0.002585 | VoV = 0.000003 ]
Train: 100% 845/845 [00:04<00:00, 3.35 step/s]
Average loss=-0.2587320804595947
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.70 step/s]

[Valid(teacher)][55][UTT][ MSE = 0.5636 | LCC = 0.6180 | SRCC = 0.5913 | [SYS][ MSE = 0.0677 | LCC = 0.9706 | SRCC = 0.9391 ]
[Valid(teacher)][55][UTT][ GML = 0.234406 | AML = 0.440722 | MoV = 0.230778 | VoV = 0.001665 | [SYS][ GML = 0.000001 | AML = 0.479534 | MoV = 0.002530 | VoV = 0.000003 ]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.26345622539520264
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.57 step/s]

[Valid(teacher)][56][UTT][ MSE = 0.5743 | LCC = 0.6173 | SRCC = 0.5908 | [SYS][ MSE = 0.0767 | LCC = 0.9679 | SRCC = 0.9309 ]
[Valid(teacher)][56][UTT][ GML = 0.232919 | AML = 0.446797 | MoV = 0.228270 | VoV = 0.001660 | [SYS][ GML = 0.000000 | AML = 0.495853 | MoV = 0.002500 | VoV = 0.000003 ]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=-0.26602452993392944
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.28 step/s]

[Valid(teacher)][57][UTT][ MSE = 0.5787 | LCC = 0.6166 | SRCC = 0.5907 | [SYS][ MSE = 0.0800 | LCC = 0.9681 | SRCC = 0.9412 ]
[Valid(teacher)][57][UTT][ GML = 0.229037 | AML = 0.445828 | MoV = 0.226821 | VoV = 0.001670 | [SYS][ GML = 0.000000 | AML = 0.422266 | MoV = 0.002482 | VoV = 0.000003 ]
Train: 100% 845/845 [03:28<00:00, 4.05 step/s]
Average loss=-0.27316179871559143
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.87 step/s]

[Valid(teacher)][58][UTT][ MSE = 0.5667 | LCC = 0.6180 | SRCC = 0.5921 | [SYS][ MSE = 0.0725 | LCC = 0.9684 | SRCC = 0.9262 ]
[Valid(teacher)][58][UTT][ GML = 0.234406 | AML = 0.449451 | MoV = 0.225799 | VoV = 0.001670 | [SYS][ GML = 0.000000 | AML = 0.561125 | MoV = 0.002475 | VoV = 0.000003 ]
Train: 100% 845/845 [03:26<00:00, 4.10 step/s]
Average loss=-0.2717015637508501
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.15 step/s]

[Valid(teacher)][59][UTT][ MSE = 0.5555 | LCC = 0.6200 | SRCC = 0.5931 | [SYS][ MSE = 0.0643 | LCC = 0.9704 | SRCC = 0.9371 ]
[Valid(teacher)][59][UTT][ GML = 0.238354 | AML = 0.452989 | MoV = 0.223223 | VoV = 0.001555 | [SYS][ GML = 0.000001 | AML = 0.669353 | MoV = 0.002451 | VoV = 0.000003 ]
Train: 100% 845/845 [03:26<00:00, 4.08 step/s]
Average loss=-0.2811035215854645
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.31 step/s]

[Valid(teacher)][60][UTT][ MSE = 0.5910 | LCC = 0.6159 | SRCC = 0.5899 | [SYS][ MSE = 0.0954 | LCC = 0.9669 | SRCC = 0.9241 ]
[Valid(teacher)][60][UTT][ GML = 0.220970 | AML = 0.443325 | MoV = 0.223381 | VoV = 0.001570 | [SYS][ GML = 0.000000 | AML = 0.075852 | MoV = 0.002442 | VoV = 0.000002 ]
Best model performance test:
Test(best): 0% 0/4000 [00:00<?, ? step/s]/home/x_xliang/.conda/envs/lxygpu/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, 191.89 step/s]

[Test(best)][61][UTT][ MSE = 0.5254 | LCC = 0.6584 | SRCC = 0.6285 | [SYS][ MSE = 0.1077 | LCC = 0.9704 | SRCC = 0.9419 ]
[Test(best)][61][UTT][ GML = 0.318969 | AML = 0.425890 | MoV = 0.363002 | VoV = 0.001829 | [SYS][ GML = 0.000000 | AML = 0.645180 | MoV = 0.003006 | VoV = 0.000004 ]
Test(last): 100% 4000/4000 [00:20<00:00, 196.96 step/s]

[Test(last)][61][UTT][ MSE = 0.6040 | LCC = 0.6264 | SRCC = 0.6069 | [SYS][ MSE = 0.1143 | LCC = 0.9588 | SRCC = 0.9624 ]
[Test(last)][61][UTT][ GML = 0.218038 | AML = 0.436070 | MoV = 0.224329 | VoV = 0.001660 | [SYS][ GML = 0.000000 | AML = 0.002879 | MoV = 0.001804 | VoV = 0.000001 ]
(lxygpu) [x_xliang@node011 ProMOSNet]$
```