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xgboost [x_xlianqnoe08 ProMOSNet]$ python train.py --lamb_c=0.25 --lamb_t=0 --save_path "runs/c25e-2-to/run2"
Loading all wav files.
100%|██████████████████████████████████████████████████████████████████████████| 54040/54040 [11:33<00:00, 77.97it/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 [01:54<00:00, 26.12it/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 [02:23<00:00, 27.87it/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 [04:19<00:00, 3.26 step/s]
Average loss=27096.14453125
Valid(teacher): 100% 3000/3000 [00:30<00:00, 99.06 step/s]

[Valid(teacher)][0][UTT] MSE = 2.1380 | LCC = 0.3962 | SRCC = 0.3867 | [SYS] MSE = 1.9864 | LCC = 0.6408 | SRCC = 0.7258 ]
[Valid(teacher)][0][UTL] GML = 0.063396 | AML = 0.206415 | MoV = 0.481389 | VoV = 0.002548 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.005480 | VoV = 0.000017 ]
Train: 100% 845/845 [06:56<00:00, 2.03 step/s]
Average loss=0.3158302903175354
Valid(teacher): 100% 3000/3000 [00:17<00:00, 170.22 step/s]

[Valid(teacher)][1][UTT] MSE = 0.7997 | LCC = 0.5574 | SRCC = 0.5217 | [SYS] MSE = 0.3894 | LCC = 0.9026 | SRCC = 0.8694 ]
[Valid(teacher)][1][UTL] GML = 0.248363 | AML = 0.339573 | MoV = 0.533440 | VoV = 0.009508 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.006361 | VoV = 0.000032 ]
Train: 100% 845/845 [04:07<00:00, 3.41 step/s]
Average loss=0.25180500745773315
Valid(teacher): 100% 3000/3000 [00:16<00:00, 186.18 step/s]

[Valid(teacher)][2][UTT] MSE = 0.6876 | LCC = 0.5973 | SRCC = 0.5536 | [SYS] MSE = 0.2637 | LCC = 0.9337 | SRCC = 0.8605 ]
[Valid(teacher)][2][UTL] GML = 0.275735 | AML = 0.362935 | MoV = 0.506731 | VoV = 0.006943 | [SYS] GML = 0.000000 | AML = 0.210298 | MoV = 0.005897 | VoV = 0.000024 ]
Train: 100% 845/845 [04:06<00:00, 3.43 step/s]
Average loss=0.2212638556957245
Valid(teacher): 100% 3000/3000 [00:18<00:00, 163.93 step/s]

[Valid(teacher)][3][UTT] MSE = 0.9780 | LCC = 0.6102 | SRCC = 0.5635 | [SYS] MSE = 0.5383 | LCC = 0.9527 | SRCC = 0.9015 ]
[Valid(teacher)][3][UTL] GML = 0.170405 | AML = 0.323431 | MoV = 0.424787 | VoV = 0.008532 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004965 | VoV = 0.000017 ]
Train: 100% 845/845 [04:17<00:00, 3.28 step/s]
Average loss=0.19651386141777039
Valid(teacher): 100% 3000/3000 [00:18<00:00, 164.63 step/s]

[Valid(teacher)][4][UTT] MSE = 1.1703 | LCC = 0.6150 | SRCC = 0.5687 | [SYS] MSE = 0.7297 | LCC = 0.9589 | SRCC = 0.9125 ]
[Valid(teacher)][4][UTL] GML = 0.21777 | AML = 0.292374 | MoV = 0.394964 | VoV = 0.008361 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004678 | VoV = 0.000016 ]
Train: 100% 845/845 [03:45<00:00, 3.74 step/s]
Average loss=0.18554972112178802
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.15 step/s]

[Valid(teacher)][5][UTT] MSE = 0.9722 | LCC = 0.6215 | SRCC = 0.5760 | [SYS] MSE = 0.5335 | LCC = 0.9603 | SRCC = 0.9166 ]
[Valid(teacher)][5][UTL] GML = 0.170686 | AML = 0.323564 | MoV = 0.408758 | VoV = 0.007645 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004780 | VoV = 0.000016 ]
Train: 100% 845/845 [06:50<00:00, 2.06 step/s]
Average loss=0.16622625291347504
Valid(teacher): 100% 3000/3000 [00:09<00:00, 43.16 step/s]

[Valid(teacher)][6][UTT] MSE = 0.8541 | LCC = 0.6271 | SRCC = 0.5810 | [SYS] MSE = 0.4118 | LCC = 0.9629 | SRCC = 0.9145 ]
[Valid(teacher)][6][UTL] GML = 0.203105 | AML = 0.347244 | MoV = 0.411707 | VoV = 0.006706 | [SYS] GML = 0.000000 | AML = 0.000001 | MoV = 0.004761 | VoV = 0.000014 ]
Train: 100% 845/845 [03:54<00:00, 3.61 step/s]
Average loss=0.1591242104768753
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.94 step/s]

[Valid(teacher)][7][UTT] MSE = 0.8363 | LCC = 0.6282 | SRCC = 0.5816 | [SYS] MSE = 0.3914 | LCC = 0.9642 | SRCC = 0.9125 ]
[Valid(teacher)][7][UTL] GML = 0.204171 | AML = 0.352370 | MoV = 0.401082 | VoV = 0.006528 | [SYS] GML = 0.000000 | AML = 0.000004 | MoV = 0.004631 | VoV = 0.000013 ]
Train: 100% 845/845 [03:26<00:00, 4.09 step/s]
Average loss=0.15003834664821625
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.23 step/s]

[Valid(teacher)][8][UTT] MSE = 0.8394 | LCC = 0.6296 | SRCC = 0.5826 | [SYS] MSE = 0.3943 | LCC = 0.9636 | SRCC = 0.9179 ]
[Valid(teacher)][8][UTL] GML = 0.199220 | AML = 0.352698 | MoV = 0.392080 | VoV = 0.006482 | [SYS] GML = 0.000000 | AML = 0.000003 | MoV = 0.004521 | VoV = 0.000012 ]
Train: 100% 845/845 [03:27<00:00, 4.06 step/s]
Average loss=0.13694840669631958
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.15 step/s]

[Valid(teacher)][9][UTT] MSE = 0.9570 | LCC = 0.6268 | SRCC = 0.5802 | [SYS] MSE = 0.5208 | LCC = 0.9625 | SRCC = 0.9111 ]
[Valid(teacher)][9][UTL] GML = 0.162312 | AML = 0.331733 | MoV = 0.375031 | VoV = 0.006553 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004366 | VoV = 0.000012 ]
Train: 100% 845/845 [03:26<00:00, 4.09 step/s]
Average loss=0.12537790834903717
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.36 step/s]

[Valid(teacher)][10][UTT] MSE = 0.9206 | LCC = 0.6283 | SRCC = 0.5826 | [SYS] MSE = 0.4875 | LCC = 0.9626 | SRCC = 0.9111 ]
[Valid(teacher)][10][UTL] GML = 0.173553 | AML = 0.339206 | MoV = 0.372207 | VoV = 0.005939 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004320 | VoV = 0.000011 ]
Train: 100% 845/845 [03:26<00:00, 4.08 step/s]
Average loss=0.11623554676771164
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.02 step/s]

[Valid(teacher)][11][UTT] MSE = 0.8501 | LCC = 0.6313 | SRCC = 0.5863 | [SYS] MSE = 0.4160 | LCC = 0.9643 | SRCC = 0.9063 ]
[Valid(teacher)][11][UTL] GML = 0.193685 | AML = 0.354054 | MoV = 0.370849 | VoV
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Average loss=0.03828270360827446  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.61 step/s]

[Valid(teacher)][20][UTT][ MSE = 0.6842 | LCC = 0.6411 | SRCC = 0.6061 | [SYS][ MSE = 0.2477 | LCC = 0.9666 | SRCC = 0.8858 ]  
[Valid(teacher)][20][UTT][ GML = 0.237284 | AML = 0.393867 | MoV = 0.338483 | VoV = 0.004287 | [SYS][ GML = 0.000000 | AML = 0.000854 | MoV = 0.003897 | VoV = 0.000008 ]  
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]  
Average loss=0.030041497200727463  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.63 step/s]

[Valid(teacher)][21][UTT][ MSE = 0.6582 | LCC = 0.6402 | SRCC = 0.6066 | [SYS][ MSE = 0.2212 | LCC = 0.9643 | SRCC = 0.8858 ]  
[Valid(teacher)][21][UTT][ GML = 0.246033 | AML = 0.400332 | MoV = 0.334676 | VoV = 0.003962 | [SYS][ GML = 0.000000 | AML = 0.005634 | MoV = 0.003848 | VoV = 0.000008 ]  
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]  
Average loss=0.026168715208768845  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.17 step/s]

[Valid(teacher)][22][UTT][ MSE = 0.6243 | LCC = 0.6407 | SRCC = 0.6081 | [SYS][ MSE = 0.1067 | LCC = 0.9639 | SRCC = 0.8797 ]  
[Valid(teacher)][22][UTT][ GML = 0.260630 | AML = 0.408120 | MoV = 0.334781 | VoV = 0.003625 | [SYS][ GML = 0.000000 | AML = 0.047524 | MoV = 0.003839 | VoV = 0.000008 ]  
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]  
Average loss=0.015635976567864418  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.94 step/s]

[Valid(teacher)][23][UTT][ MSE = 0.6195 | LCC = 0.6420 | SRCC = 0.6092 | [SYS][ MSE = 0.1814 | LCC = 0.9660 | SRCC = 0.8831 ]  
[Valid(teacher)][23][UTT][ GML = 0.259254 | AML = 0.410336 | MoV = 0.329814 | VoV = 0.003822 | [SYS][ GML = 0.000000 | AML = 0.030776 | MoV = 0.003787 | VoV = 0.000008 ]  
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]  
Average loss=0.000708470501000565  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.54 step/s]

[Valid(teacher)][24][UTT][ MSE = 0.5869 | LCC = 0.6418 | SRCC = 0.6094 | [SYS][ MSE = 0.1431 | LCC = 0.9661 | SRCC = 0.8995 ]  
[Valid(teacher)][24][UTT][ GML = 0.271963 | AML = 0.419519 | MoV = 0.327310 | VoV = 0.003701 | [SYS][ GML = 0.000000 | AML = 0.213799 | MoV = 0.003743 | VoV = 0.000007 ]  
Train: 100% 845/845 [03:28<00:00, 4.06 step/s]  
Average loss=0.0030913797672837973  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.57 step/s]

[Valid(teacher)][25][UTT][ MSE = 0.5839 | LCC = 0.6399 | SRCC = 0.6077 | [SYS][ MSE = 0.1378 | LCC = 0.9666 | SRCC = 0.8995 ]  
[Valid(teacher)][25][UTT][ GML = 0.273570 | AML = 0.420975 | MoV = 0.325145 | VoV = 0.003393 | [SYS][ GML = 0.000000 | AML = 0.293441 | MoV = 0.003711 | VoV = 0.000007 ]  
Train: 100% 845/845 [03:26<00:00, 4.10 step/s]  
Average loss=0.011354096233844757  
Valid(teacher): 100% 3000/3000 [00:16<00:00, 183.73 step/s]

[Valid(teacher)][26][UTT][ MSE = 0.6202 | LCC = 0.6363 | SRCC = 0.6052 | [SYS][ MSE = 0.1738 | LCC = 0.9653 | SRCC = 0.8933 ]  
[Valid(teacher)][26][UTT][ GML = 0.253267 | AML = 0.413919 | MoV = 0.316401 | VoV = 0.003459 | [SYS][ GML = 0.000000 | AML = 0.077300 | MoV = 0.003625 | VoV = 0.000007 ]  
Train: 100% 845/845 [03:26<00:00, 4.10 step/s]  
Average loss=0.01850736699983788  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.72 step/s]

[Valid(teacher)][27][UTT][ MSE = 0.5811 | LCC = 0.6376 | SRCC = 0.6063 | [SYS][ MSE = 0.1310 | LCC = 0.9681 | SRCC = 0.8981 ]  
[Valid(teacher)][27][UTT][ GML = 0.269648 | AML = 0.424475 | MoV = 0.313555 | VoV = 0.003224 | [SYS][ GML = 0.000000 | AML = 0.306064 | MoV = 0.003575 | VoV = 0.000006 ]  
Train: 100% 845/845 [03:26<00:00, 4.09 step/s]  
Average loss=0.024856863543391228  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.66 step/s]

[Valid(teacher)][28][UTT][ MSE = 0.5695 | LCC = 0.6365 | SRCC = 0.6052 | [SYS][ MSE = 0.1150 | LCC = 0.9690 | SRCC = 0.9002 ]  
[Valid(teacher)][28][UTT][ GML = 0.272670 | AML = 0.428926 | MoV = 0.309730 | VoV = 0.003231 | [SYS][ GML = 0.000000 | AML = 0.500928 | MoV = 0.003525 | VoV = 0.000006 ]  
Train: 100% 845/845 [03:26<00:00, 4.10 step/s]  
Average loss=0.03520160913467407  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.35 step/s]

[Valid(teacher)][29][UTT][ MSE = 0.5756 | LCC = 0.6351 | SRCC = 0.6033 | [SYS][ MSE = 0.1187 | LCC = 0.9688 | SRCC = 0.9002 ]  
[Valid(teacher)][29][UTT][ GML = 0.266649 | AML = 0.429258 | MoV = 0.304722 | VoV = 0.003286 | [SYS][ GML = 0.000000 | AML = 0.406811 | MoV = 0.003468 | VoV = 0.000006 ]  
Train: 100% 845/845 [03:26<00:00, 4.09 step/s]  
Average loss=0.041875001043081284  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.76 step/s]

[Valid(teacher)][30][UTT][ MSE = 0.5344 | LCC = 0.6379 | SRCC = 0.6059 | [SYS][ MSE = 0.0760 | LCC = 0.9699 | SRCC = 0.9200 ]  
[Valid(teacher)][30][UTT][ GML = 0.286778 | AML = 0.440943 | MoV = 0.303262 | VoV = 0.003140 | [SYS][ GML = 0.000008 | AML = 1.293026 | MoV = 0.003432 | VoV = 0.000006 ]  
Train: 100% 845/845 [03:26<00:00, 4.09 step/s]  
Average loss=0.050437524914741516  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.59 step/s]

[Valid(teacher)][31][UTT][ MSE = 0.5283 | LCC = 0.6379 | SRCC = 0.6067 | [SYS][ MSE = 0.0685 | LCC = 0.9705 | SRCC = 0.9268 ]  
[Valid(teacher)][31][UTT][ GML = 0.288993 | AML = 0.443238 | MoV = 0.299345 | VoV = 0.002996 | [SYS][ GML = 0.000029 | AML = 1.384141 | MoV = 0.003385 | VoV = 0.000005 ]  
Train: 100% 845/845 [03:26<00:00, 4.10 step/s]  
Average loss=0.055400196462869644  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.01 step/s]

[Valid(teacher)][32][UTT][ MSE = 0.5234 | LCC = 0.6373 | SRCC = 0.6063 | [SYS][ MSE = 0.0602 | LCC = 0.9696 | SRCC = 0.9309 ]  
[Valid(teacher)][32][UTT][ GML = 0.289230 | AML = 0.446281 | MoV = 0.295653 | VoV = 0.003037 | [SYS][ GML = 0.000121 | AML = 1.482747 | MoV = 0.003338 | VoV = 0.000005 ]  
Train: 100% 845/845 [03:26<00:00, 4.10 step/s]  
Average loss=0.06381148098989292  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.82 step/s]

[Valid(teacher)][33][UTT][ MSE = 0.5282 | LCC = 0.6361 | SRCC = 0.6044 | [SYS][ MSE = 0.0668 | LCC = 0.9695 | SRCC = 0.9309 ]  
[Valid(teacher)][33][UTT][ GML = 0.283913 | AML = 0.446119 | MoV = 0.290388 | VoV = 0.003003 | [SYS][ GML = 0.000031 | AML = 1.300048 | MoV = 0.003278 | VoV = 0.000005 ]  
Train: 100% 845/845 [03:26<00:00, 4.09 step/s]  
Average loss=0.07599016278982162  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.12 step/s]

[Valid(teacher)][34][UTT][ MSE = 0.5148 | LCC = 0.6380 | SRCC = 0.6068 | [SYS][ MSE = 0.0512 | LCC = 0.9711 | SRCC = 0.9350 ]  
[Valid(teacher)][34][UTT][ GML = 0.291182 | AML = 0.450513 | MoV = 0.287183 | VoV = 0.002785 | [SYS][ GML = 0.000668 | AML = 1.668671 | MoV = 0.003230 | VoV = 0.000005 ]  
Train: 100% 845/845 [03:26<00:00, 4.09 step/s]  
Average loss=0.07837621122598648  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.01 step/s]

[Valid(teacher)][35][UTT][ MSE = 0.5059 | LCC = 0.6380 | SRCC = 0.6073 | [SYS][ MSE = 0.0398 | LCC = 0.9713 | SRCC = 0.9412 ]  
[Valid(teacher)][35][UTT][ GML = 0.295547 | AML = 0.453769 | MoV = 0.284764 | VoV = 0.002667 | [SYS][ GML = 0.006638 | AML = 2.102870 | MoV = 0.003200 | VoV = 0.000005 ]  
Train: 100% 845/845 [03:26<00:00, 4.08 step/s]  
Average loss=0.0872940719127655  
Valid(teacher): 100% 3000/3000 [00:16<00:00, 185.80 step/s]

[Valid(teacher)][36][UTT][ MSE = 0.5054 | LCC = 0.6369 | SRCC = 0.6054 | [SYS][ MSE = 0.0401 | LCC = 0.9711 | SRCC = 0.9296 ]  
[Valid(teacher)][36][UTT][ GML = 0.293674 | AML = 0.454477 | MoV = 0.280786 | VoV = 0.002655 | [SYS][ GML = 0.006437 | AML = 2.265480 | MoV = 0.003160 | VoV = 0.000004 ]  
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]  
Average loss=0.09382931888103485  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.00 step/s]

[Valid(teacher)][37][UTT][ MSE = 0.5014 | LCC = 0.6364 | SRCC = 0.6044 | [SYS][ MSE = 0.0363 | LCC = 0.9703 | SRCC = 0.9337 ]  
[Valid(teacher)][37][UTT][ GML = 0.294921 | AML = 0.456333 | MoV = 0.277401 | VoV = 0.002602 | [SYS][ GML = 0.014993 | AML = 2.494954 | MoV = 0.003122 | VoV = 0.000004 ]  
Train: 100% 845/845 [03:26<00:00, 4.10 step/s]  
Average loss=0.097370579038075275  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.10 step/s]

[Valid(teacher)][38][UTT][ MSE = 0.4989 | LCC = 0.6358 | SRCC = 0.6041 | [SYS][ MSE = 0.0348 | LCC = 0.9707 | SRCC = 0.9350 ]  
[Valid(teacher)][38][UTT][ GML = 0.296044 | AML = 0.457016 | MoV = 0.274586 | VoV = 0.002483 | [SYS][ GML = 0.025959 | AML = 2.560547 | MoV = 0.003085 | VoV = 0.000004 ]  
Train: 100% 845/845 [03:27<00:00, 4.07 step/s]  
Average loss=0.1112382709980011  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.94 step/s]

[Valid(teacher)][39][UTT][ MSE = 0.4955 | LCC = 0.6341 | SRCC = 0.6034 | [SYS][ MSE = 0.0291 | LCC = 0.9694 | SRCC = 0.9316 ]  
[Valid(teacher)][39][UTT][ GML = 0.296922 | AML = 0.458886 | MoV = 0.270951 | VoV = 0.002382 | [SYS][ GML = 0.090860 | AML = 2.587736 | MoV = 0.003041 | VoV = 0.000004 ]  
Train: 100% 845/845 [03:26<00:00, 4.08 step/s]  
Average loss=0.10946732759475708  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 190.44 step/s]

[Valid(teacher)][40][UTT][ MSE = 0.4945 | LCC = 0.6342 | SRCC = 0.6042 | [SYS][ MSE = 0.0271 | LCC = 0.9682 | SRCC = 0.9323 ]  
[Valid(teacher)][40][UTT][ GML = 0.297795 | AML = 0.459838 | MoV = 0.268991 | VoV = 0.002291 | [SYS][ GML = 0.125957 | AML = 2.505429 | MoV = 0.003009 | VoV = 0.000004 ]  
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]  
Average loss=0.12114467471837997  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.19 step/s]

[Valid(teacher)][41][UTT][ MSE = 0.4930 | LCC = 0.6354 | SRCC = 0.6067 | [SYS][ MSE = 0.0298 | LCC = 0.9677 | SRCC = 0.9289 ]  
[Valid(teacher)][41][UTT][ GML = 0.294762 | AML = 0.462195 | MoV = 0.263312 | VoV = 0.002264 | [SYS][ GML = 0.071816 | AML = 2.706713 | MoV = 0.002951 | VoV = 0.000004 ]  
Train: 100% 845/845 [03:26<00:00, 4.09 step/s]  
Average loss=0.12857790291309357  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.30 step/s]

[Valid(teacher)][42][UTT][ MSE = 0.4928 | LCC = 0.6356 | SRCC = 0.6070 | [SYS][ MSE = 0.0279 | LCC = 0.9675 | SRCC = 0.9289 ]  
[Valid(teacher)][42][UTT][ GML = 0.294167 | AML = 0.463323 | MoV = 0.260923 | VoV = 0.002301 | [SYS][ GML = 0.097144 | AML = 2.511598 | MoV = 0.002911 | VoV = 0.000004 ]  
Train: 100% 845/845 [03:26<00:00, 4.09 step/s]  
Average loss=0.1401364803314209  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.62 step/s]

[Valid(teacher)][43][UTT][ MSE = 0.5015 | LCC = 0.6322 | SRCC = 0.6045 | [SYS][ MSE = 0.0317 | LCC = 0.9669 | SRCC = 0.9330 ]  
[Valid(teacher)][43][UTT][ GML = 0.288256 | AML = 0.461919 | MoV = 0.257331 | VoV = 0.002141 | [SYS][ GML = 0.037723 | AML = 1.826710 | MoV = 0.002861 | VoV = 0.000003 ]

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Train: 100% 845/845 [03:27<00:00, 4.08 step/s]
Average loss=-0.14388704299926758
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.74 step/s]

[Valid(teacher)][44][UTT][ MSE = 0.4990 | LCC = 0.6322 | SRCC = 0.6042 | [SYS][ MSE = 0.0290 | LCC = 0.9675 | SRCC = 0.9289 ]
[Valid(teacher)][44][UTT][ GML = 0.286856 | AML = 0.462971 | MoV = 0.253850 | VoV = 0.002147 | [SYS][ GML = 0.067124 | AML = 2.056652 | MoV = 0.002829 | VoV = 0.000003 ]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=-0.15620160102844238
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.78 step/s]

[Valid(teacher)][45][UTT][ MSE = 0.5079 | LCC = 0.6303 | SRCC = 0.6030 | [SYS][ MSE = 0.0342 | LCC = 0.9664 | SRCC = 0.9296 ]
[Valid(teacher)][45][UTT][ GML = 0.279696 | AML = 0.462043 | MoV = 0.250280 | VoV = 0.002162 | [SYS][ GML = 0.019079 | AML = 1.644988 | MoV = 0.002785 | VoV = 0.000003 ]
Train: 100% 845/845 [03:26<00:00, 4.09 step/s]
Average loss=-0.1597137749195099
Valid(teacher): 100% 3000/3000 [00:16<00:00, 185.65 step/s]

[Valid(teacher)][46][UTT][ MSE = 0.5163 | LCC = 0.6288 | SRCC = 0.6017 | [SYS][ MSE = 0.0390 | LCC = 0.9661 | SRCC = 0.9330 ]
[Valid(teacher)][46][UTT][ GML = 0.273425 | AML = 0.460618 | MoV = 0.247108 | VoV = 0.002095 | [SYS][ GML = 0.004935 | AML = 1.736052 | MoV = 0.002739 | VoV = 0.000003 ]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.15977728366851807
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.25 step/s]

[Valid(teacher)][47][UTT][ MSE = 0.5242 | LCC = 0.6285 | SRCC = 0.6017 | [SYS][ MSE = 0.0455 | LCC = 0.9653 | SRCC = 0.9262 ]
[Valid(teacher)][47][UTT][ GML = 0.268125 | AML = 0.458814 | MoV = 0.245320 | VoV = 0.002087 | [SYS][ GML = 0.000919 | AML = 1.673253 | MoV = 0.002717 | VoV = 0.000003 ]
Train: 100% 845/845 [03:26<00:00, 4.09 step/s]
Average loss=-0.1623609960079193
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.73 step/s]

[Valid(teacher)][48][UTT][ MSE = 0.5218 | LCC = 0.6290 | SRCC = 0.6031 | [SYS][ MSE = 0.0461 | LCC = 0.9665 | SRCC = 0.9323 ]
[Valid(teacher)][48][UTT][ GML = 0.267868 | AML = 0.459877 | MoV = 0.243170 | VoV = 0.002023 | [SYS][ GML = 0.000841 | AML = 1.778192 | MoV = 0.002689 | VoV = 0.000003 ]
Train: 100% 845/845 [03:26<00:00, 4.09 step/s]
Average loss=-0.17613859474658966
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.25 step/s]

[Valid(teacher)][49][UTT][ MSE = 0.5249 | LCC = 0.6292 | SRCC = 0.6038 | [SYS][ MSE = 0.0483 | LCC = 0.9664 | SRCC = 0.9289 ]
[Valid(teacher)][49][UTT][ GML = 0.264272 | AML = 0.460952 | MoV = 0.239981 | VoV = 0.001911 | [SYS][ GML = 0.000430 | AML = 1.661914 | MoV = 0.002660 | VoV = 0.000003 ]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=-0.1814432144165039
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.99 step/s]

[Valid(teacher)][50][UTT][ MSE = 0.5233 | LCC = 0.6297 | SRCC = 0.6044 | [SYS][ MSE = 0.0444 | LCC = 0.9667 | SRCC = 0.9330 ]
[Valid(teacher)][50][UTT][ GML = 0.261607 | AML = 0.463038 | MoV = 0.235443 | VoV = 0.001825 | [SYS][ GML = 0.000814 | AML = 1.676973 | MoV = 0.002606 | VoV = 0.000003 ]
Train: 100% 845/845 [03:26<00:00, 4.09 step/s]
Average loss=-0.1855202615261078
Valid(teacher): 100% 3000/3000 [00:16<00:00, 187.27 step/s]

[Valid(teacher)][51][UTT][ MSE = 0.5277 | LCC = 0.6279 | SRCC = 0.6029 | [SYS][ MSE = 0.0481 | LCC = 0.9662 | SRCC = 0.9337 ]
[Valid(teacher)][51][UTT][ GML = 0.257368 | AML = 0.462120 | MoV = 0.233027 | VoV = 0.001816 | [SYS][ GML = 0.000318 | AML = 1.640749 | MoV = 0.002586 | VoV = 0.000003 ]
Train: 100% 845/845 [03:27<00:00, 4.08 step/s]
Average loss=-0.196494922041893
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.16 step/s]

[Valid(teacher)][52][UTT][ MSE = 0.5471 | LCC = 0.6250 | SRCC = 0.6004 | [SYS][ MSE = 0.0624 | LCC = 0.9652 | SRCC = 0.9364 ]
[Valid(teacher)][52][UTT][ GML = 0.245040 | AML = 0.457375 | MoV = 0.230304 | VoV = 0.001764 | [SYS][ GML = 0.000007 | AML = 1.039564 | MoV = 0.002549 | VoV = 0.000003 ]
Train: 100% 845/845 [03:27<00:00, 4.07 step/s]
Average loss=-0.19869595766067505
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.13 step/s]

[Valid(teacher)][53][UTT][ MSE = 0.5399 | LCC = 0.6266 | SRCC = 0.6024 | [SYS][ MSE = 0.0568 | LCC = 0.9663 | SRCC = 0.9337 ]
[Valid(teacher)][53][UTT][ GML = 0.247587 | AML = 0.459727 | MoV = 0.228651 | VoV = 0.001727 | [SYS][ GML = 0.000026 | AML = 1.219917 | MoV = 0.002531 | VoV = 0.000003 ]
Train: 100% 845/845 [03:25<00:00, 4.10 step/s]
Average loss=-0.20477177202701569
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.70 step/s]

[Valid(teacher)][54][UTT][ MSE = 0.5388 | LCC = 0.6270 | SRCC = 0.6026 | [SYS][ MSE = 0.0559 | LCC = 0.9667 | SRCC = 0.9344 ]
[Valid(teacher)][54][UTT][ GML = 0.247111 | AML = 0.459949 | MoV = 0.227099 | VoV = 0.001669 | [SYS][ GML = 0.000028 | AML = 1.244367 | MoV = 0.002516 | VoV = 0.000003 ]
Train: 100% 845/845 [03:27<00:00, 4.07 step/s]
Average loss=-0.21840620040893555
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.47 step/s]

[Valid(teacher)][55][UTT][ MSE = 0.5338 | LCC = 0.6268 | SRCC = 0.6025 | [SYS][ MSE = 0.0513 | LCC = 0.9665 | SRCC = 0.9344 ]
[Valid(teacher)][55][UTT][ GML = 0.246197 | AML = 0.462776 | MoV = 0.222782 | VoV = 0.001641 | [SYS][ GML = 0.000079 | AML = 1.351052 | MoV = 0.002465 | VoV = 0.000002 ]
Train: 100% 845/845 [03:26<00:00, 4.08 step/s]
Average loss=-0.1765090525150299
Valid(teacher): 100% 3000/3000 [00:16<00:00, 187.48 step/s]

[Valid(teacher)][56][UTT][ MSE = 0.5274 | LCC = 0.6265 | SRCC = 0.6024 | [SYS][ MSE = 0.0474 | LCC = 0.9672 | SRCC = 0.9316 ]
[Valid(teacher)][56][UTT][ GML = 0.247178 | AML = 0.464343 | MoV = 0.219664 | VoV = 0.001581 | [SYS][ GML = 0.000246 | AML = 1.626561 | MoV = 0.002440 | VoV = 0.000002 ]
Train: 100% 845/845 [03:27<00:00, 4.07 step/s]
Average loss=-0.22919824719429016
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.50 step/s]

[Valid(teacher)][57][UTT][ MSE = 0.5311 | LCC = 0.6254 | SRCC = 0.6014 | [SYS][ MSE = 0.0509 | LCC = 0.9656 | SRCC = 0.9350 ]
[Valid(teacher)][57][UTT][ GML = 0.241943 | AML = 0.463882 | MoV = 0.216291 | VoV = 0.001585 | [SYS][ GML = 0.000099 | AML = 1.758197 | MoV = 0.002400 | VoV = 0.000002 ]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.23892836272716522
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.68 step/s]

[Valid(teacher)][58][UTT][ MSE = 0.5368 | LCC = 0.6266 | SRCC = 0.6023 | [SYS][ MSE = 0.0570 | LCC = 0.9663 | SRCC = 0.9330 ]
[Valid(teacher)][58][UTT][ GML = 0.236685 | AML = 0.463029 | MoV = 0.212917 | VoV = 0.001473 | [SYS][ GML = 0.000012 | AML = 1.263416 | MoV = 0.002362 | VoV = 0.000002 ]
Train: 100% 845/845 [03:27<00:00, 4.08 step/s]
Average loss=-0.2420270740058704
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.89 step/s]

[Valid(teacher)][59][UTT][ MSE = 0.5377 | LCC = 0.6273 | SRCC = 0.6029 | [SYS][ MSE = 0.0576 | LCC = 0.9668 | SRCC = 0.9303 ]
[Valid(teacher)][59][UTT][ GML = 0.234697 | AML = 0.462984 | MoV = 0.211908 | VoV = 0.001504 | [SYS][ GML = 0.000009 | AML = 1.240359 | MoV = 0.002351 | VoV = 0.000002 ]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=-0.24940498173236847
Valid(teacher): 100% 3000/3000 [00:15<00:00, 190.43 step/s]

[Valid(teacher)][60][UTT][ MSE = 0.5460 | LCC = 0.6260 | SRCC = 0.6020 | [SYS][ MSE = 0.0645 | LCC = 0.9659 | SRCC = 0.9316 ]
[Valid(teacher)][60][UTT][ GML = 0.228583 | AML = 0.460509 | MoV = 0.209962 | VoV = 0.001463 | [SYS][ GML = 0.000001 | AML = 0.879732 | MoV = 0.002329 | 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 [00:22<00:00, 181.29 step/s]

[Test(best)][61][UTT][ MSE = 0.6631 | LCC = 0.6548 | SRCC = 0.6185 | [SYS][ MSE = 0.2316 | LCC = 0.9712 | SRCC = 0.9303 ]
[Test(best)][61][UTT][ GML = 0.252831 | AML = 0.396258 | MoV = 0.352699 | VoV = 0.004743 | [SYS][ GML = 0.000000 | AML = 0.027586 | MoV = 0.002962 | VoV = 0.000004 ]
Test(last): 100% 4000/4000 [00:22<00:00, 180.71 step/s]

[Test(last)][61][UTT][ MSE = 0.5677 | LCC = 0.6275 | SRCC = 0.6024 | [SYS][ MSE = 0.0790 | LCC = 0.9676 | SRCC = 0.9528 ]
[Test(last)][61][UTT][ GML = 0.216908 | AML = 0.455854 | MoV = 0.209745 | VoV = 0.001469 | [SYS][ GML = 0.000000 | AML = 0.302818 | MoV = 0.001697 | VoV = 0.000001 ]
(lxygpu) [x_xliang@node008 ProMOSNet]$
```