```
(lxygpu) [x_xlian@node014 ProMOSNet]$ python train.py --lamb_c=0.5 --lamb_t=0 --save_path "runs/c5e-1-t0/run5"
Loading all wav files.
100%|████████████████████████████████████████████████████████████████████████████████████████████████████████████| 54040/54040 [07:51<00:00, 114.58it/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-versus-a-copy
  self.scores['JUDGE'][i] = self.idtable[judge_i]
Loading all wav files.
100%|████████████████████████████████████████████████████████████████████████████████████████████████████████████| 3000/3000 [01:44<00:00, 28.79it/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-versus-a-copy
  self.scores['JUDGE'][i] = self.idtable[judge_i]
Loading all wav files.
100%|████████████████████████████████████████████████████████████████████████████████████████████████████████████| 4000/4000 [02:20<00:00, 28.40it/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-versus-a-copy
  self.scores['JUDGE'][i] = self.idtable[judge_i]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=8877.201171875
Valid(teacher): 100% 3000/3000 [00:15<00:00, 188.22 step/s]

[Valid(teacher)][0][UTT][ MSE = 1.6119 | LCC = 0.5078 | SRCC = 0.4800 ] [SYS][ MSE = 1.3512 | LCC = 0.8186 | SRCC = 0.8462 ]
[Valid(teacher)][0][UTT][ GML = 0.104243 | AML = 0.241164 | MoV = 0.509537 | VoV = 0.011468 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.005961 | VoV = 0.000028 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=0.30157628655433656
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.90 step/s]

[Valid(teacher)][1][UTT][ MSE = 1.0200 | LCC = 0.5805 | SRCC = 0.5422 ] [SYS][ MSE = 0.6664 | LCC = 0.9112 | SRCC = 0.8585 ]
[Valid(teacher)][1][UTT][ GML = 0.183835 | AML = 0.310099 | MoV = 0.467364 | VoV = 0.007961 ] [SYS][ GML = 0.000000 | AML = 0.000331 | MoV = 0.005538 | VoV = 0.000025 ]
Train: 100% 845/845 [03:24<00:00,  4.15 step/s]
Average loss=0.2571745216846466
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.31 step/s]

[Valid(teacher)][2][UTT][ MSE = 0.8760 | LCC = 0.5987 | SRCC = 0.5561 ] [SYS][ MSE = 0.5077 | LCC = 0.9333 | SRCC = 0.8742 ]
[Valid(teacher)][2][UTT][ GML = 0.217321 | AML = 0.333490 | MoV = 0.458411 | VoV = 0.006108 ] [SYS][ GML = 0.000000 | AML = 0.000128 | MoV = 0.005362 | VoV = 0.000021 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.23751293122768402
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.11 step/s]

[Valid(teacher)][3][UTT][ MSE = 0.7065 | LCC = 0.6101 | SRCC = 0.5648 ] [SYS][ MSE = 0.3106 | LCC = 0.9446 | SRCC = 0.8810 ]
[Valid(teacher)][3][UTT][ GML = 0.267327 | AML = 0.363117 | MoV = 0.466381 | VoV = 0.004656 ] [SYS][ GML = 0.000000 | AML = 0.039711 | MoV = 0.005357 | VoV = 0.000018 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.22040621936321259
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.30 step/s]

[Valid(teacher)][4][UTT][ MSE = 0.7353 | LCC = 0.6182 | SRCC = 0.5722 ] [SYS][ MSE = 0.3506 | LCC = 0.9518 | SRCC = 0.8824 ]
[Valid(teacher)][4][UTT][ GML = 0.258860 | AML = 0.360055 | MoV = 0.451142 | VoV = 0.003774 ] [SYS][ GML = 0.000000 | AML = 0.001449 | MoV = 0.005163 | VoV = 0.000016 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.21083110570907593
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.42 step/s]

[Valid(teacher)][5][UTT][ MSE = 0.7089 | LCC = 0.6217 | SRCC = 0.5763 ] [SYS][ MSE = 0.3242 | LCC = 0.9526 | SRCC = 0.8728 ]
[Valid(teacher)][5][UTT][ GML = 0.266635 | AML = 0.365092 | MoV = 0.451127 | VoV = 0.003860 ] [SYS][ GML = 0.000000 | AML = 0.003093 | MoV = 0.005166 | VoV = 0.000016 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.19865281879901886
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.63 step/s]

[Valid(teacher)][6][UTT][ MSE = 0.7553 | LCC = 0.6258 | SRCC = 0.5817 ] [SYS][ MSE = 0.3802 | LCC = 0.9552 | SRCC = 0.8790 ]
[Valid(teacher)][6][UTT][ GML = 0.251548 | AML = 0.358049 | MoV = 0.441360 | VoV = 0.003894 ] [SYS][ GML = 0.000000 | AML = 0.000249 | MoV = 0.005067 | VoV = 0.000016 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.18569260835647583
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.76 step/s]

[Valid(teacher)][7][UTT][ MSE = 0.7655 | LCC = 0.6279 | SRCC = 0.5850 ] [SYS][ MSE = 0.3925 | LCC = 0.9578 | SRCC = 0.8810 ]
[Valid(teacher)][7][UTT][ GML = 0.247321 | AML = 0.357643 | MoV = 0.431986 | VoV = 0.003631 ] [SYS][ GML = 0.000000 | AML = 0.000088 | MoV = 0.004960 | VoV = 0.000015 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=0.17441433668136597
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.83 step/s]

[Valid(teacher)][8][UTT][ MSE = 0.7646 | LCC = 0.6277 | SRCC = 0.5861 ] [SYS][ MSE = 0.3903 | LCC = 0.9598 | SRCC = 0.8838 ]
[Valid(teacher)][8][UTT][ GML = 0.246438 | AML = 0.358922 | MoV = 0.424584 | VoV = 0.003329 ] [SYS][ GML = 0.000000 | AML = 0.000062 | MoV = 0.004866 | VoV = 0.000014 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=0.16392356157302856
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.50 step/s]

[Valid(teacher)][9][UTT][ MSE = 0.7266 | LCC = 0.6289 | SRCC = 0.5886 ] [SYS][ MSE = 0.3414 | LCC = 0.9621 | SRCC = 0.8879 ]
[Valid(teacher)][9][UTT][ GML = 0.257234 | AML = 0.366730 | MoV = 0.421277 | VoV = 0.003111 ] [SYS][ GML = 0.000000 | AML = 0.000322 | MoV = 0.004799 | VoV = 0.000013 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=0.14912520349025726
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.74 step/s]

[Valid(teacher)][10][UTT][ MSE = 0.6835 | LCC = 0.6313 | SRCC = 0.5924 ] [SYS][ MSE = 0.2888 | LCC = 0.9652 | SRCC = 0.8968 ]
[Valid(teacher)][10][UTT][ GML = 0.269926 | AML = 0.376199 | MoV = 0.415976 | VoV = 0.002738 ] [SYS][ GML = 0.000000 | AML = 0.001135 | MoV = 0.004705 | VoV = 0.000012 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.14295028150081635
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.24 step/s]

[Valid(teacher)][11][UTT][ MSE = 0.6635 | LCC = 0.6330 | SRCC = 0.5950 ] [SYS][ MSE = 0.2604 | LCC = 0.9673 | SRCC = 0.8947 ]
[Valid(teacher)][11][UTT][ GML = 0.275431 | AML = 0.381183 | MoV = 0.410208 | VoV = 0.002628 ] [SYS][ GML = 0.000000 | AML = 0.002644 | MoV = 0.004617 | VoV = 0.000011 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.1324443370103836
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.76 step/s]

[Valid(teacher)][12][UTT][ MSE = 0.6335 | LCC = 0.6357 | SRCC = 0.5992 ] [SYS][ MSE = 0.2227 | LCC = 0.9698 | SRCC = 0.9002 ]
[Valid(teacher)][12][UTT][ GML = 0.284451 | AML = 0.388999 | MoV = 0.403648 | VoV = 0.002538 ] [SYS][ GML = 0.000000 | AML = 0.013172 | MoV = 0.004523 | VoV = 0.000010 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=0.1228710189461708
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.08 step/s]

[Valid(teacher)][13][UTT][ MSE = 0.5787 | LCC = 0.6392 | SRCC = 0.6025 ] [SYS][ MSE = 0.1604 | LCC = 0.9708 | SRCC = 0.9138 ]
[Valid(teacher)][13][UTT][ GML = 0.304476 | AML = 0.401483 | MoV = 0.402106 | VoV = 0.002511 ] [SYS][ GML = 0.000000 | AML = 0.107504 | MoV = 0.004470 | VoV = 0.000009 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.11067311465740204
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.42 step/s]

[Valid(teacher)][14][UTT][ MSE = 0.5513 | LCC = 0.6402 | SRCC = 0.6044 ] [SYS][ MSE = 0.1246 | LCC = 0.9724 | SRCC = 0.9152 ]
[Valid(teacher)][14][UTT][ GML = 0.313878 | AML = 0.409511 | MoV = 0.396464 | VoV = 0.002559 ] [SYS][ GML = 0.000002 | AML = 0.242674 | MoV = 0.004388 | VoV = 0.000008 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=0.10302852839231491
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.70 step/s]

[Valid(teacher)][15][UTT][ MSE = 0.5517 | LCC = 0.6396 | SRCC = 0.6044 ] [SYS][ MSE = 0.1213 | LCC = 0.9741 | SRCC = 0.9262 ]
[Valid(teacher)][15][UTT][ GML = 0.312004 | AML = 0.411237 | MoV = 0.389390 | VoV = 0.002536 ] [SYS][ GML = 0.000002 | AML = 0.234006 | MoV = 0.004313 | VoV = 0.000008 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.09119421243667603
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.09 step/s]

[Valid(teacher)][16][UTT][ MSE = 0.5850 | LCC = 0.6362 | SRCC = 0.6022 ] [SYS][ MSE = 0.1555 | LCC = 0.9747 | SRCC = 0.9350 ]
[Valid(teacher)][16][UTT][ GML = 0.295607 | AML = 0.406154 | MoV = 0.378450 | VoV = 0.002555 ] [SYS][ GML = 0.000000 | AML = 0.110053 | MoV = 0.004225 | VoV = 0.000008 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=0.08780792355537415
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.25 step/s]

[Valid(teacher)][17][UTT][ MSE = 0.5919 | LCC = 0.6338 | SRCC = 0.6010 ] [SYS][ MSE = 0.1604 | LCC = 0.9747 | SRCC = 0.9275 ]
[Valid(teacher)][17][UTT][ GML = 0.291097 | AML = 0.405754 | MoV = 0.372181 | VoV = 0.002619 ] [SYS][ GML = 0.000000 | AML = 0.112786 | MoV = 0.004156 | VoV = 0.000008 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.07574322074651718
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.83 step/s]

[Valid(teacher)][18][UTT][ MSE = 0.5833 | LCC = 0.6333 | SRCC = 0.6006 ] [SYS][ MSE = 0.1475 | LCC = 0.9745 | SRCC = 0.9296 ]
[Valid(teacher)][18][UTT][ GML = 0.292594 | AML = 0.409703 | MoV = 0.365098 | VoV = 0.002544 ] [SYS][ GML = 0.000000 | AML = 0.159010 | MoV = 0.004071 | VoV = 0.000008 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=0.07023446261882782
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.68 step/s]

[Valid(teacher)][19][UTT][ MSE = 0.5912 | LCC = 0.6365 | SRCC = 0.6050 ] [SYS][ MSE = 0.1586 | LCC = 0.9758 | SRCC = 0.9350 ]
[Valid(teacher)][19][UTT][ GML = 0.287377 | AML = 0.409521 | MoV = 0.358124 | VoV = 0.002504 ] [SYS][ GML = 0.000000 | AML = 0.110457 | MoV = 0.004005 | VoV = 0.000008 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
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Average loss=0.05527298524975777
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.87 step/s]

[Valid(teacher)][20][UTT][ MSE = 0.6174 | LCC = 0.6334 | SRCC = 0.6037 ] [SYS][ MSE = 0.1830 | LCC = 0.9762 | SRCC = 0.9432 ]
[Valid(teacher)][20][UTT][ GML = 0.272883 | AML = 0.405637 | MoV = 0.348154 | VoV = 0.002588 ] [SYS][ GML = 0.000000 | AML = 0.045849 | MoV = 0.003911 | VoV = 0.000008 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.05004347488284111
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.54 step/s]

[Valid(teacher)][21][UTT][ MSE = 0.6428 | LCC = 0.6316 | SRCC = 0.6030 ] [SYS][ MSE = 0.2086 | LCC = 0.9767 | SRCC = 0.9426 ]
[Valid(teacher)][21][UTT][ GML = 0.259699 | AML = 0.401601 | MoV = 0.339912 | VoV = 0.002583 ] [SYS][ GML = 0.000000 | AML = 0.011245 | MoV = 0.003824 | VoV = 0.000007 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.04129919409751892
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.72 step/s]

[Valid(teacher)][22][UTT][ MSE = 0.6907 | LCC = 0.6289 | SRCC = 0.6009 ] [SYS][ MSE = 0.2608 | LCC = 0.9766 | SRCC = 0.9378 ]
[Valid(teacher)][22][UTT][ GML = 0.237906 | AML = 0.391279 | MoV = 0.333276 | VoV = 0.002674 ] [SYS][ GML = 0.000000 | AML = 0.000849 | MoV = 0.003777 | VoV = 0.000008 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.03012507967650S904
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.54 step/s]

[Valid(teacher)][23][UTT][ MSE = 0.7076 | LCC = 0.6261 | SRCC = 0.5998 ] [SYS][ MSE = 0.2771 | LCC = 0.9775 | SRCC = 0.9480 ]
[Valid(teacher)][23][UTT][ GML = 0.228252 | AML = 0.388905 | MoV = 0.325282 | VoV = 0.002610 ] [SYS][ GML = 0.000000 | AML = 0.000106 | MoV = 0.003698 | VoV = 0.000008 ]
Train: 100% 845/845 [03:24<00:00,  4.12 step/s]
Average loss=0.02566748857498169
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.99 step/s]

[Valid(teacher)][24][UTT][ MSE = 0.6921 | LCC = 0.6252 | SRCC = 0.5992 ] [SYS][ MSE = 0.2568 | LCC = 0.9776 | SRCC = 0.9487 ]
[Valid(teacher)][24][UTT][ GML = 0.231266 | AML = 0.393693 | MoV = 0.320744 | VoV = 0.002689 ] [SYS][ GML = 0.000000 | AML = 0.000365 | MoV = 0.003644 | VoV = 0.000007 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.01289333589375019
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.74 step/s]

[Valid(teacher)][25][UTT][ MSE = 0.6990 | LCC = 0.6233 | SRCC = 0.5972 ] [SYS][ MSE = 0.2613 | LCC = 0.9778 | SRCC = 0.9275 ]
[Valid(teacher)][25][UTT][ GML = 0.225521 | AML = 0.393311 | MoV = 0.314342 | VoV = 0.002726 ] [SYS][ GML = 0.000000 | AML = 0.000145 | MoV = 0.003574 | VoV = 0.000007 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.0041346256621181965
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.43 step/s]

[Valid(teacher)][26][UTT][ MSE = 0.6498 | LCC = 0.6263 | SRCC = 0.5991 ] [SYS][ MSE = 0.2044 | LCC = 0.9786 | SRCC = 0.9241 ]
[Valid(teacher)][26][UTT][ GML = 0.241466 | AML = 0.406036 | MoV = 0.309182 | VoV = 0.002790 ] [SYS][ GML = 0.000000 | AML = 0.003748 | MoV = 0.003502 | VoV = 0.000007 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.0030430518707066774
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.58 step/s]

[Valid(teacher)][27][UTT][ MSE = 0.6474 | LCC = 0.6237 | SRCC = 0.5954 ] [SYS][ MSE = 0.1974 | LCC = 0.9775 | SRCC = 0.9138 ]
[Valid(teacher)][27][UTT][ GML = 0.238852 | AML = 0.408490 | MoV = 0.304927 | VoV = 0.002959 ] [SYS][ GML = 0.000000 | AML = 0.005861 | MoV = 0.003453 | VoV = 0.000007 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.01024793554097414
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.35 step/s]

[Valid(teacher)][28][UTT][ MSE = 0.6512 | LCC = 0.6240 | SRCC = 0.5953 ] [SYS][ MSE = 0.1999 | LCC = 0.9780 | SRCC = 0.9091 ]
[Valid(teacher)][28][UTT][ GML = 0.234806 | AML = 0.408621 | MoV = 0.300408 | VoV = 0.002979 ] [SYS][ GML = 0.000000 | AML = 0.003711 | MoV = 0.003393 | VoV = 0.000006 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.022995563223958015
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.47 step/s]

[Valid(teacher)][29][UTT][ MSE = 0.6574 | LCC = 0.6237 | SRCC = 0.5953 ] [SYS][ MSE = 0.2064 | LCC = 0.9780 | SRCC = 0.9132 ]
[Valid(teacher)][29][UTT][ GML = 0.228107 | AML = 0.408943 | MoV = 0.294142 | VoV = 0.003151 ] [SYS][ GML = 0.000000 | AML = 0.001163 | MoV = 0.003324 | VoV = 0.000006 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.030544577166438103
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.61 step/s]

[Valid(teacher)][30][UTT][ MSE = 0.6289 | LCC = 0.6237 | SRCC = 0.5946 ] [SYS][ MSE = 0.1742 | LCC = 0.9782 | SRCC = 0.9138 ]
[Valid(teacher)][30][UTT][ GML = 0.239017 | AML = 0.417133 | MoV = 0.291054 | VoV = 0.003016 ] [SYS][ GML = 0.000000 | AML = 0.009519 | MoV = 0.003281 | VoV = 0.000006 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.03398697450757027
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.83 step/s]

[Valid(teacher)][31][UTT][ MSE = 0.6414 | LCC = 0.6240 | SRCC = 0.5952 ] [SYS][ MSE = 0.1863 | LCC = 0.9786 | SRCC = 0.9125 ]
[Valid(teacher)][31][UTT][ GML = 0.230386 | AML = 0.415096 | MoV = 0.287435 | VoV = 0.003229 ] [SYS][ GML = 0.000000 | AML = 0.004481 | MoV = 0.003245 | VoV = 0.000006 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.04757102206349373
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.57 step/s]

[Valid(teacher)][32][UTT][ MSE = 0.6239 | LCC = 0.6220 | SRCC = 0.5924 ] [SYS][ MSE = 0.1634 | LCC = 0.9778 | SRCC = 0.9118 ]
[Valid(teacher)][32][UTT][ GML = 0.236530 | AML = 0.420085 | MoV = 0.284844 | VoV = 0.003170 ] [SYS][ GML = 0.000000 | AML = 0.019803 | MoV = 0.003207 | VoV = 0.000005 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.05369686335325241
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.45 step/s]

[Valid(teacher)][33][UTT][ MSE = 0.5886 | LCC = 0.6242 | SRCC = 0.5942 ] [SYS][ MSE = 0.1262 | LCC = 0.9774 | SRCC = 0.9056 ]
[Valid(teacher)][33][UTT][ GML = 0.252005 | AML = 0.430644 | MoV = 0.281977 | VoV = 0.002955 ] [SYS][ GML = 0.000000 | AML = 0.103446 | MoV = 0.003156 | VoV = 0.000005 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.06388648599386215
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.83 step/s]

[Valid(teacher)][34][UTT][ MSE = 0.5813 | LCC = 0.6239 | SRCC = 0.5939 ] [SYS][ MSE = 0.1185 | LCC = 0.9783 | SRCC = 0.9015 ]
[Valid(teacher)][34][UTT][ GML = 0.253938 | AML = 0.434101 | MoV = 0.277881 | VoV = 0.002869 ] [SYS][ GML = 0.000000 | AML = 0.146793 | MoV = 0.003109 | VoV = 0.000005 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.06987576186656952
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.38 step/s]

[Valid(teacher)][35][UTT][ MSE = 0.5482 | LCC = 0.6258 | SRCC = 0.5948 ] [SYS][ MSE = 0.0809 | LCC = 0.9783 | SRCC = 0.9125 ]
[Valid(teacher)][35][UTT][ GML = 0.269465 | AML = 0.444629 | MoV = 0.274001 | VoV = 0.002698 ] [SYS][ GML = 0.000005 | AML = 0.621698 | MoV = 0.003049 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=-0.07694922387599945
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.73 step/s]

[Valid(teacher)][36][UTT][ MSE = 0.5875 | LCC = 0.6212 | SRCC = 0.5905 ] [SYS][ MSE = 0.1180 | LCC = 0.9772 | SRCC = 0.8926 ]
[Valid(teacher)][36][UTT][ GML = 0.245782 | AML = 0.435721 | MoV = 0.269373 | VoV = 0.002843 ] [SYS][ GML = 0.000000 | AML = 0.152453 | MoV = 0.003008 | VoV = 0.000004 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.08874596655368805
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.66 step/s]

[Valid(teacher)][37][UTT][ MSE = 0.5906 | LCC = 0.6201 | SRCC = 0.5896 ] [SYS][ MSE = 0.1225 | LCC = 0.9776 | SRCC = 0.8961 ]
[Valid(teacher)][37][UTT][ GML = 0.241502 | AML = 0.436167 | MoV = 0.263843 | VoV = 0.002797 ] [SYS][ GML = 0.000000 | AML = 0.128357 | MoV = 0.002949 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.0923122763633728
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.08 step/s]

[Valid(teacher)][38][UTT][ MSE = 0.5744 | LCC = 0.6200 | SRCC = 0.5883 ] [SYS][ MSE = 0.1044 | LCC = 0.9774 | SRCC = 0.8974 ]
[Valid(teacher)][38][UTT][ GML = 0.247762 | AML = 0.441105 | MoV = 0.261606 | VoV = 0.002706 ] [SYS][ GML = 0.000000 | AML = 0.272079 | MoV = 0.002924 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=-0.10243469476699829
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.62 step/s]

[Valid(teacher)][39][UTT][ MSE = 0.5867 | LCC = 0.6179 | SRCC = 0.5856 ] [SYS][ MSE = 0.1179 | LCC = 0.9767 | SRCC = 0.8858 ]
[Valid(teacher)][39][UTT][ GML = 0.237537 | AML = 0.438948 | MoV = 0.257187 | VoV = 0.002821 ] [SYS][ GML = 0.000000 | AML = 0.136987 | MoV = 0.002886 | VoV = 0.000004 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=-0.10883008688688278
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.12 step/s]

[Valid(teacher)][40][UTT][ MSE = 0.5748 | LCC = 0.6225 | SRCC = 0.5904 ] [SYS][ MSE = 0.1088 | LCC = 0.9792 | SRCC = 0.9111 ]
[Valid(teacher)][40][UTT][ GML = 0.241448 | AML = 0.442632 | MoV = 0.254583 | VoV = 0.002757 ] [SYS][ GML = 0.000000 | AML = 0.167457 | MoV = 0.002848 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.11501511186361313
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.43 step/s]

[Valid(teacher)][41][UTT][ MSE = 0.5966 | LCC = 0.6175 | SRCC = 0.5858 ] [SYS][ MSE = 0.1250 | LCC = 0.9774 | SRCC = 0.8981 ]
[Valid(teacher)][41][UTT][ GML = 0.228016 | AML = 0.437852 | MoV = 0.251905 | VoV = 0.002802 ] [SYS][ GML = 0.000000 | AML = 0.096390 | MoV = 0.002829 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=-0.12485183030366898
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.24 step/s]

[Valid(teacher)][42][UTT][ MSE = 0.5664 | LCC = 0.6217 | SRCC = 0.5901 ] [SYS][ MSE = 0.0958 | LCC = 0.9783 | SRCC = 0.9111 ]
[Valid(teacher)][42][UTT][ GML = 0.241817 | AML = 0.447461 | MoV = 0.248320 | VoV = 0.002570 ] [SYS][ GML = 0.000000 | AML = 0.257944 | MoV = 0.002775 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=-0.13139967620372772
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.63 step/s]

[Valid(teacher)][43][UTT][ MSE = 0.5341 | LCC = 0.6218 | SRCC = 0.5889 ] [SYS][ MSE = 0.0569 | LCC = 0.9770 | SRCC = 0.8954 ]
[Valid(teacher)][43][UTT][ GML = 0.259344 | AML = 0.458300 | MoV = 0.246213 | VoV = 0.002400 ] [SYS][ GML = 0.000160 | AML = 1.718474 | MoV = 0.002727 | VoV = 0.000003 ]
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Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.13545957207679749
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.51 step/s]

[Valid(teacher)][44][UTT][ MSE = 0.5189 | LCC = 0.6206 | SRCC = 0.5870 ] [SYS][ MSE = 0.0394 | LCC = 0.9760 | SRCC = 0.8831 ]
[Valid(teacher)][44][UTT][ GML = 0.266867 | AML = 0.463419 | MoV = 0.243237 | VoV = 0.002277 ] [SYS][ GML = 0.006123 | AML = 2.472010 | MoV = 0.002681 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=-0.14577357470989227
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.59 step/s]

[Valid(teacher)][45][UTT][ MSE = 0.5156 | LCC = 0.6242 | SRCC = 0.5903 ] [SYS][ MSE = 0.0407 | LCC = 0.9780 | SRCC = 0.8968 ]
[Valid(teacher)][45][UTT][ GML = 0.265836 | AML = 0.465184 | MoV = 0.239241 | VoV = 0.002250 ] [SYS][ GML = 0.004395 | AML = 2.362864 | MoV = 0.002642 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=-0.14696845412254333
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.53 step/s]

[Valid(teacher)][46][UTT][ MSE = 0.5140 | LCC = 0.6216 | SRCC = 0.5874 ] [SYS][ MSE = 0.0380 | LCC = 0.9779 | SRCC = 0.8872 ]
[Valid(teacher)][46][UTT][ GML = 0.266305 | AML = 0.466037 | MoV = 0.237975 | VoV = 0.002185 ] [SYS][ GML = 0.008886 | AML = 2.339591 | MoV = 0.002629 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=-0.15328939259052277
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.11 step/s]

[Valid(teacher)][47][UTT][ MSE = 0.5208 | LCC = 0.6190 | SRCC = 0.5842 ] [SYS][ MSE = 0.0410 | LCC = 0.9776 | SRCC = 0.8844 ]
[Valid(teacher)][47][UTT][ GML = 0.259959 | AML = 0.464767 | MoV = 0.235897 | VoV = 0.002204 ] [SYS][ GML = 0.003877 | AML = 2.318188 | MoV = 0.002610 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.15951836109161377
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.71 step/s]

[Valid(teacher)][48][UTT][ MSE = 0.5262 | LCC = 0.6174 | SRCC = 0.5827 ] [SYS][ MSE = 0.0467 | LCC = 0.9768 | SRCC = 0.8838 ]
[Valid(teacher)][48][UTT][ GML = 0.255171 | AML = 0.463825 | MoV = 0.234571 | VoV = 0.002250 ] [SYS][ GML = 0.001110 | AML = 2.014921 | MoV = 0.002602 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=-0.16196727752685547
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.65 step/s]

[Valid(teacher)][49][UTT][ MSE = 0.5252 | LCC = 0.6170 | SRCC = 0.5829 ] [SYS][ MSE = 0.0448 | LCC = 0.9774 | SRCC = 0.8892 ]
[Valid(teacher)][49][UTT][ GML = 0.252616 | AML = 0.465256 | MoV = 0.230641 | VoV = 0.002207 ] [SYS][ GML = 0.001487 | AML = 1.997748 | MoV = 0.002556 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.170927494764328
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.91 step/s]

[Valid(teacher)][50][UTT][ MSE = 0.5043 | LCC = 0.6230 | SRCC = 0.5890 ] [SYS][ MSE = 0.0277 | LCC = 0.9776 | SRCC = 0.8981 ]
[Valid(teacher)][50][UTT][ GML = 0.264264 | AML = 0.471262 | MoV = 0.228686 | VoV = 0.002142 ] [SYS][ GML = 0.063649 | AML = 2.439309 | MoV = 0.002524 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.17605359852313995
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.94 step/s]

[Valid(teacher)][51][UTT][ MSE = 0.5103 | LCC = 0.6225 | SRCC = 0.5885 ] [SYS][ MSE = 0.0340 | LCC = 0.9778 | SRCC = 0.9084 ]
[Valid(teacher)][51][UTT][ GML = 0.258898 | AML = 0.470173 | MoV = 0.226907 | VoV = 0.002147 ] [SYS][ GML = 0.016986 | AML = 2.322277 | MoV = 0.002515 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=-0.18460127711296082
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.90 step/s]

[Valid(teacher)][52][UTT][ MSE = 0.5002 | LCC = 0.6242 | SRCC = 0.5902 ] [SYS][ MSE = 0.0247 | LCC = 0.9775 | SRCC = 0.9015 ]
[Valid(teacher)][52][UTT][ GML = 0.263882 | AML = 0.473799 | MoV = 0.223794 | VoV = 0.002069 ] [SYS][ GML = 0.119195 | AML = 2.816106 | MoV = 0.002471 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.19013167917728424
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.86 step/s]

[Valid(teacher)][53][UTT][ MSE = 0.5054 | LCC = 0.6235 | SRCC = 0.5896 ] [SYS][ MSE = 0.0320 | LCC = 0.9783 | SRCC = 0.9084 ]
[Valid(teacher)][53][UTT][ GML = 0.257307 | AML = 0.473371 | MoV = 0.220933 | VoV = 0.002073 ] [SYS][ GML = 0.026361 | AML = 2.511784 | MoV = 0.002448 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.19102250039577484
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.41 step/s]

[Valid(teacher)][54][UTT][ MSE = 0.5086 | LCC = 0.6211 | SRCC = 0.5869 ] [SYS][ MSE = 0.0303 | LCC = 0.9787 | SRCC = 0.9097 ]
[Valid(teacher)][54][UTT][ GML = 0.254582 | AML = 0.473134 | MoV = 0.220166 | VoV = 0.002096 ] [SYS][ GML = 0.030054 | AML = 2.678944 | MoV = 0.002436 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.1997734159231186
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.99 step/s]

[Valid(teacher)][55][UTT][ MSE = 0.5102 | LCC = 0.6191 | SRCC = 0.5842 ] [SYS][ MSE = 0.0303 | LCC = 0.9781 | SRCC = 0.9043 ]
[Valid(teacher)][55][UTT][ GML = 0.251680 | AML = 0.473542 | MoV = 0.217334 | VoV = 0.002009 ] [SYS][ GML = 0.025488 | AML = 2.688466 | MoV = 0.002405 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.19854341447353363
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.11 step/s]

[Valid(teacher)][56][UTT][ MSE = 0.5109 | LCC = 0.6184 | SRCC = 0.5840 ] [SYS][ MSE = 0.0305 | LCC = 0.9782 | SRCC = 0.9097 ]
[Valid(teacher)][56][UTT][ GML = 0.250332 | AML = 0.473308 | MoV = 0.216125 | VoV = 0.001934 ] [SYS][ GML = 0.023423 | AML = 2.832989 | MoV = 0.002393 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=-0.21225370466709137
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.65 step/s]

[Valid(teacher)][57][UTT][ MSE = 0.5043 | LCC = 0.6219 | SRCC = 0.5880 ] [SYS][ MSE = 0.0273 | LCC = 0.9799 | SRCC = 0.9200 ]
[Valid(teacher)][57][UTT][ GML = 0.251831 | AML = 0.475960 | MoV = 0.213119 | VoV = 0.001881 ] [SYS][ GML = 0.054734 | AML = 2.789445 | MoV = 0.002360 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=-0.21552447974681854
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.32 step/s]

[Valid(teacher)][58][UTT][ MSE = 0.5059 | LCC = 0.6200 | SRCC = 0.5863 ] [SYS][ MSE = 0.0294 | LCC = 0.9800 | SRCC = 0.9221 ]
[Valid(teacher)][58][UTT][ GML = 0.248987 | AML = 0.475242 | MoV = 0.211133 | VoV = 0.001840 ] [SYS][ GML = 0.039607 | AML = 2.680565 | MoV = 0.002345 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.2186404913663864
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.12 step/s]

[Valid(teacher)][59][UTT][ MSE = 0.5033 | LCC = 0.6184 | SRCC = 0.5848 ] [SYS][ MSE = 0.0237 | LCC = 0.9791 | SRCC = 0.9138 ]
[Valid(teacher)][59][UTT][ GML = 0.249150 | AML = 0.475814 | MoV = 0.208451 | VoV = 0.001772 ] [SYS][ GML = 0.133351 | AML = 3.161007 | MoV = 0.002306 | VoV = 0.000002 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.23085473477840424
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.18 step/s]

[Valid(teacher)][60][UTT][ MSE = 0.5074 | LCC = 0.6176 | SRCC = 0.5848 ] [SYS][ MSE = 0.0275 | LCC = 0.9789 | SRCC = 0.9138 ]
[Valid(teacher)][60][UTT][ GML = 0.242964 | AML = 0.476056 | MoV = 0.205574 | VoV = 0.001777 ] [SYS][ GML = 0.060068 | AML = 2.732752 | MoV = 0.002286 | VoV = 0.000002 ]
Best model performance test:
Test(best):   0% 0/4000 [00:00<?, ? step/s]/home/x_xlian/.conda/envs/lxygpu/lib/python3.8/site-packages/torch/nn/modules/rnn.py:774: UserWarning: RNN module weights are not part of single contiguo
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(). (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, 194.07 step/s]

[Test(best)][61][UTT][ MSE = 0.5239 | LCC = 0.6573 | SRCC = 0.6240 ] [SYS][ MSE = 0.1064 | LCC = 0.9779 | SRCC = 0.9398 ]
[Test(best)][61][UTT][ GML = 0.325536 | AML = 0.418563 | MoV = 0.396258 | VoV = 0.002640 ] [SYS][ GML = 0.000001 | AML = 0.119850 | MoV = 0.003213 | VoV = 0.000004 ]
Test(last): 100% 4000/4000 [00:20<00:00, 198.41 step/s]

[Test(last)][61][UTT][ MSE = 0.4965 | LCC = 0.6322 | SRCC = 0.5991 ] [SYS][ MSE = 0.0277 | LCC = 0.9795 | SRCC = 0.9556 ]
[Test(last)][61][UTT][ GML = 0.252625 | AML = 0.479272 | MoV = 0.206078 | VoV = 0.001813 ] [SYS][ GML = 0.086002 | AML = 3.783679 | MoV = 0.001661 | VoV = 0.000001 ]
(lxygpu) [x_xlian@node014 ProMOSNet]$ client_loop: send disconnect: Broken pipe
lxy@Hope-Liang-MBA ProMOSNet %
```