```
(lxygpu) [x_xlian@node001 ProMOSNet]$ python train.py --lamb_c=0.25 --lamb_t=0 --save_path "runs/c25e-2-t0/run5"
Loading all wav files.
100%|███████████████████████████████████████████████████████████████████████████████████████████████████████████| 54040/54040 [07:38<00:00, 117.75it/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 [01:41<00:00, 29.70it/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 [02:15<00:00, 29.47it/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,  4.13 step/s]
Average loss=3767.584228515625
Valid(teacher): 100% 3000/3000 [00:16<00:00, 184.28 step/s]

[Valid(teacher)][0][UTT][ MSE = 1.7374 | LCC = 0.5105 | SRCC = 0.4803 ] [SYS][ MSE = 1.4379 | LCC = 0.8625 | SRCC = 0.8414 ]
[Valid(teacher)][0][UTT][ GML = 0.079566 | AML = 0.227471 | MoV = 0.470087 | VoV = 0.010987 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.005564 | VoV = 0.000026 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.2808246910572052
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.28 step/s]

[Valid(teacher)][1][UTT][ MSE = 1.6547 | LCC = 0.5769 | SRCC = 0.5362 ] [SYS][ MSE = 1.2736 | LCC = 0.9260 | SRCC = 0.8571 ]
[Valid(teacher)][1][UTT][ GML = 0.063163 | AML = 0.226063 | MoV = 0.408850 | VoV = 0.011195 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004960 | VoV = 0.000023 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.24246367812156677
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.72 step/s]

[Valid(teacher)][2][UTT][ MSE = 1.0661 | LCC = 0.6030 | SRCC = 0.5606 ] [SYS][ MSE = 0.6608 | LCC = 0.9442 | SRCC = 0.8721 ]
[Valid(teacher)][2][UTT][ GML = 0.164065 | AML = 0.305071 | MoV = 0.448496 | VoV = 0.008467 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.005286 | VoV = 0.000021 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=0.21713165938854218
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.60 step/s]

[Valid(teacher)][3][UTT][ MSE = 0.9725 | LCC = 0.6145 | SRCC = 0.5731 ] [SYS][ MSE = 0.5655 | LCC = 0.9516 | SRCC = 0.8851 ]
[Valid(teacher)][3][UTT][ GML = 0.182960 | AML = 0.320872 | MoV = 0.438032 | VoV = 0.007910 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.005152 | VoV = 0.000019 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.19979622960090637
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.01 step/s]

[Valid(teacher)][4][UTT][ MSE = 0.9041 | LCC = 0.6224 | SRCC = 0.5826 ] [SYS][ MSE = 0.5026 | LCC = 0.9571 | SRCC = 0.9002 ]
[Valid(teacher)][4][UTT][ GML = 0.205241 | AML = 0.331923 | MoV = 0.442046 | VoV = 0.006278 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.005160 | VoV = 0.000018 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.18595613539218903
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.12 step/s]

[Valid(teacher)][5][UTT][ MSE = 0.8556 | LCC = 0.6273 | SRCC = 0.5877 ] [SYS][ MSE = 0.4476 | LCC = 0.9609 | SRCC = 0.9132 ]
[Valid(teacher)][5][UTT][ GML = 0.218069 | AML = 0.340898 | MoV = 0.440508 | VoV = 0.005655 ] [SYS][ GML = 0.000000 | AML = 0.000003 | MoV = 0.005123 | VoV = 0.000017 ]
Train: 100% 845/845 [03:25<00:00,  4.12 step/s]
Average loss=0.17417338490486145
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.29 step/s]

[Valid(teacher)][6][UTT][ MSE = 0.8287 | LCC = 0.6321 | SRCC = 0.5923 ] [SYS][ MSE = 0.4224 | LCC = 0.9640 | SRCC = 0.9221 ]
[Valid(teacher)][6][UTT][ GML = 0.225843 | AML = 0.346610 | MoV = 0.437079 | VoV = 0.005247 ] [SYS][ GML = 0.000000 | AML = 0.000006 | MoV = 0.005076 | VoV = 0.000017 ]
Train: 100% 845/845 [03:25<00:00,  4.11 step/s]
Average loss=0.1611485630273819
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.90 step/s]

[Valid(teacher)][7][UTT][ MSE = 0.8173 | LCC = 0.6340 | SRCC = 0.5947 ] [SYS][ MSE = 0.4124 | LCC = 0.9658 | SRCC = 0.9179 ]
[Valid(teacher)][7][UTT][ GML = 0.228455 | AML = 0.350259 | MoV = 0.429719 | VoV = 0.004803 ] [SYS][ GML = 0.000000 | AML = 0.000007 | MoV = 0.004985 | VoV = 0.000016 ]
Train: 100% 845/845 [03:24<00:00,  4.12 step/s]
Average loss=0.1534985452890396
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.44 step/s]

[Valid(teacher)][8][UTT][ MSE = 0.8121 | LCC = 0.6354 | SRCC = 0.5968 ] [SYS][ MSE = 0.4094 | LCC = 0.9671 | SRCC = 0.9200 ]
[Valid(teacher)][8][UTT][ GML = 0.229024 | AML = 0.352659 | MoV = 0.421836 | VoV = 0.004400 ] [SYS][ GML = 0.000000 | AML = 0.000014 | MoV = 0.004892 | VoV = 0.000015 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=0.13677507638931274
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.98 step/s]

[Valid(teacher)][9][UTT][ MSE = 0.8411 | LCC = 0.6342 | SRCC = 0.5991 ] [SYS][ MSE = 0.4402 | LCC = 0.9677 | SRCC = 0.9207 ]
[Valid(teacher)][9][UTT][ GML = 0.217639 | AML = 0.350006 | MoV = 0.406721 | VoV = 0.004045 ] [SYS][ GML = 0.000000 | AML = 0.000004 | MoV = 0.004724 | VoV = 0.000014 ]
Train: 100% 845/845 [03:25<00:00,  4.12 step/s]
Average loss=0.12989655137062073
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.47 step/s]

[Valid(teacher)][10][UTT][ MSE = 0.7718 | LCC = 0.6358 | SRCC = 0.6019 ] [SYS][ MSE = 0.3630 | LCC = 0.9691 | SRCC = 0.9214 ]
[Valid(teacher)][10][UTT][ GML = 0.237504 | AML = 0.364059 | MoV = 0.405564 | VoV = 0.003661 ] [SYS][ GML = 0.000000 | AML = 0.000153 | MoV = 0.004683 | VoV = 0.000013 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=0.1175779476761818
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.43 step/s]

[Valid(teacher)][11][UTT][ MSE = 0.7199 | LCC = 0.6366 | SRCC = 0.6039 ] [SYS][ MSE = 0.3053 | LCC = 0.9693 | SRCC = 0.9166 ]
[Valid(teacher)][11][UTT][ GML = 0.252725 | AML = 0.375444 | MoV = 0.401292 | VoV = 0.003185 ] [SYS][ GML = 0.000000 | AML = 0.002417 | MoV = 0.004603 | VoV = 0.000012 ]
Train: 100% 845/845 [03:25<00:00,  4.11 step/s]
Average loss=0.10498371720314026
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.01 step/s]

[Valid(teacher)][12][UTT][ MSE = 0.6447 | LCC = 0.6400 | SRCC = 0.6077 ] [SYS][ MSE = 0.2209 | LCC = 0.9714 | SRCC = 0.9262 ]
[Valid(teacher)][12][UTT][ GML = 0.277386 | AML = 0.392226 | MoV = 0.397643 | VoV = 0.002895 ] [SYS][ GML = 0.000000 | AML = 0.052702 | MoV = 0.004526 | VoV = 0.000011 ]
Train: 100% 845/845 [03:24<00:00,  4.12 step/s]
Average loss=0.09566285461187363
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.62 step/s]

[Valid(teacher)][13][UTT][ MSE = 0.6395 | LCC = 0.6418 | SRCC = 0.6101 ] [SYS][ MSE = 0.2137 | LCC = 0.9729 | SRCC = 0.9262 ]
[Valid(teacher)][13][UTT][ GML = 0.276633 | AML = 0.395440 | MoV = 0.388086 | VoV = 0.002836 ] [SYS][ GML = 0.000000 | AML = 0.047762 | MoV = 0.004417 | VoV = 0.000011 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=0.08375848829746246
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.93 step/s]

[Valid(teacher)][14][UTT][ MSE = 0.5744 | LCC = 0.6442 | SRCC = 0.6107 ] [SYS][ MSE = 0.1397 | LCC = 0.9760 | SRCC = 0.9323 ]
[Valid(teacher)][14][UTT][ GML = 0.301074 | AML = 0.410600 | MoV = 0.385404 | VoV = 0.002604 ] [SYS][ GML = 0.000000 | AML = 0.325625 | MoV = 0.004345 | VoV = 0.000010 ]
Train: 100% 845/845 [03:25<00:00,  4.12 step/s]
Average loss=0.07545353472232819
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.34 step/s]

[Valid(teacher)][15][UTT][ MSE = 0.5594 | LCC = 0.6460 | SRCC = 0.6115 ] [SYS][ MSE = 0.1222 | LCC = 0.9772 | SRCC = 0.9350 ]
[Valid(teacher)][15][UTT][ GML = 0.305665 | AML = 0.415949 | MoV = 0.378907 | VoV = 0.002585 ] [SYS][ GML = 0.000000 | AML = 0.416204 | MoV = 0.004259 | VoV = 0.000009 ]
Train: 100% 845/845 [03:25<00:00,  4.11 step/s]
Average loss=0.06434405595064163
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.15 step/s]

[Valid(teacher)][16][UTT][ MSE = 0.5860 | LCC = 0.6446 | SRCC = 0.6099 ] [SYS][ MSE = 0.1493 | LCC = 0.9778 | SRCC = 0.9378 ]
[Valid(teacher)][16][UTT][ GML = 0.291741 | AML = 0.412293 | MoV = 0.368319 | VoV = 0.002746 ] [SYS][ GML = 0.000000 | AML = 0.152149 | MoV = 0.004156 | VoV = 0.000009 ]
Train: 100% 845/845 [03:25<00:00,  4.12 step/s]
Average loss=0.05192691832780838
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.16 step/s]

[Valid(teacher)][17][UTT][ MSE = 0.5711 | LCC = 0.6438 | SRCC = 0.6090 ] [SYS][ MSE = 0.1302 | LCC = 0.9784 | SRCC = 0.9378 ]
[Valid(teacher)][17][UTT][ GML = 0.296893 | AML = 0.417135 | MoV = 0.362499 | VoV = 0.002603 ] [SYS][ GML = 0.000000 | AML = 0.214064 | MoV = 0.004074 | VoV = 0.000008 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=0.04519179463865356
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.80 step/s]

[Valid(teacher)][18][UTT][ MSE = 0.6084 | LCC = 0.6419 | SRCC = 0.6074 ] [SYS][ MSE = 0.1703 | LCC = 0.9783 | SRCC = 0.9405 ]
[Valid(teacher)][18][UTT][ GML = 0.278860 | AML = 0.410203 | MoV = 0.354367 | VoV = 0.002606 ] [SYS][ GML = 0.000000 | AML = 0.058373 | MoV = 0.004006 | VoV = 0.000008 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=0.03379832208156586
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.97 step/s]

[Valid(teacher)][19][UTT][ MSE = 0.5984 | LCC = 0.6401 | SRCC = 0.6056 ] [SYS][ MSE = 0.1565 | LCC = 0.9789 | SRCC = 0.9371 ]
[Valid(teacher)][19][UTT][ GML = 0.281867 | AML = 0.413549 | MoV = 0.350063 | VoV = 0.002495 ] [SYS][ GML = 0.000000 | AML = 0.078668 | MoV = 0.003954 | VoV = 0.000008 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
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Average loss=0.022903023287653923
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.74 step/s]

[Valid(teacher)][20][UTT][ MSE = 0.6188 | LCC = 0.6342 | SRCC = 0.6001 ] [SYS][ MSE = 0.1688 | LCC = 0.9786 | SRCC = 0.9405 ]
[Valid(teacher)][20][UTT][ GML = 0.269023 | AML = 0.411509 | MoV = 0.339583 | VoV = 0.002555 ] [SYS][ GML = 0.000000 | AML = 0.063397 | MoV = 0.003841 | VoV = 0.000008 ]
Train: 100% 845/845 [03:25<00:00,  4.12 step/s]
Average loss=0.0139507362619042.4
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.38 step/s]

[Valid(teacher)][21][UTT][ MSE = 0.6016 | LCC = 0.6337 | SRCC = 0.6001 ] [SYS][ MSE = 0.1462 | LCC = 0.9795 | SRCC = 0.9364 ]
[Valid(teacher)][21][UTT][ GML = 0.274499 | AML = 0.416547 | MoV = 0.334357 | VoV = 0.002468 ] [SYS][ GML = 0.000000 | AML = 0.105923 | MoV = 0.003772 | VoV = 0.000007 ]
Train: 100% 845/845 [03:25<00:00,  4.12 step/s]
Average loss=0.006552984938025474.5
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.71 step/s]

[Valid(teacher)][22][UTT][ MSE = 0.6112 | LCC = 0.6322 | SRCC = 0.5988 ] [SYS][ MSE = 0.1526 | LCC = 0.9805 | SRCC = 0.9350 ]
[Valid(teacher)][22][UTT][ GML = 0.268056 | AML = 0.415203 | MoV = 0.328558 | VoV = 0.002412 ] [SYS][ GML = 0.000000 | AML = 0.056515 | MoV = 0.003722 | VoV = 0.000007 ]
Train: 100% 845/845 [03:23<00:00,  4.11 step/s]
Average loss=-0.005595254711806774
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.90 step/s]

[Valid(teacher)][23][UTT][ MSE = 0.5904 | LCC = 0.6349 | SRCC = 0.6009 ] [SYS][ MSE = 0.1323 | LCC = 0.9817 | SRCC = 0.9494 ]
[Valid(teacher)][23][UTT][ GML = 0.275012 | AML = 0.421087 | MoV = 0.323951 | VoV = 0.002499 ] [SYS][ GML = 0.000000 | AML = 0.126538 | MoV = 0.003660 | VoV = 0.000007 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=-0.0078741991892457
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.83 step/s]

[Valid(teacher)][24][UTT][ MSE = 0.5847 | LCC = 0.6333 | SRCC = 0.5996 ] [SYS][ MSE = 0.1214 | LCC = 0.9821 | SRCC = 0.9480 ]
[Valid(teacher)][24][UTT][ GML = 0.275945 | AML = 0.423188 | MoV = 0.320364 | VoV = 0.002491 ] [SYS][ GML = 0.000000 | AML = 0.141308 | MoV = 0.003616 | VoV = 0.000007 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=-0.02410747855901718
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.25 step/s]

[Valid(teacher)][25][UTT][ MSE = 0.5948 | LCC = 0.6304 | SRCC = 0.5975 ] [SYS][ MSE = 0.1272 | LCC = 0.9818 | SRCC = 0.9521 ]
[Valid(teacher)][25][UTT][ GML = 0.268471 | AML = 0.422638 | MoV = 0.313987 | VoV = 0.002443 ] [SYS][ GML = 0.000000 | AML = 0.117096 | MoV = 0.003546 | VoV = 0.000007 ]
Train: 100% 845/845 [03:25<00:00,  4.12 step/s]
Average loss=-0.031049856916069984
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.31 step/s]

[Valid(teacher)][26][UTT][ MSE = 0.6181 | LCC = 0.6271 | SRCC = 0.5952 ] [SYS][ MSE = 0.1506 | LCC = 0.9810 | SRCC = 0.9480 ]
[Valid(teacher)][26][UTT][ GML = 0.255178 | AML = 0.418569 | MoV = 0.307294 | VoV = 0.002369 ] [SYS][ GML = 0.000000 | AML = 0.051672 | MoV = 0.003477 | VoV = 0.000007 ]
Train: 100% 845/845 [03:25<00:00,  4.12 step/s]
Average loss=-0.03648117184638977
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.07 step/s]

[Valid(teacher)][27][UTT][ MSE = 0.6072 | LCC = 0.6261 | SRCC = 0.5946 ] [SYS][ MSE = 0.1367 | LCC = 0.9809 | SRCC = 0.9501 ]
[Valid(teacher)][27][UTT][ GML = 0.258582 | AML = 0.422025 | MoV = 0.304326 | VoV = 0.002301 ] [SYS][ GML = 0.000000 | AML = 0.085864 | MoV = 0.003446 | VoV = 0.000007 ]
Train: 100% 845/845 [03:25<00:00,  4.11 step/s]
Average loss=-0.04844018071889877
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.39 step/s]

[Valid(teacher)][28][UTT][ MSE = 0.6130 | LCC = 0.6250 | SRCC = 0.5933 ] [SYS][ MSE = 0.1411 | LCC = 0.9814 | SRCC = 0.9419 ]
[Valid(teacher)][28][UTT][ GML = 0.253588 | AML = 0.421143 | MoV = 0.300343 | VoV = 0.002392 ] [SYS][ GML = 0.000000 | AML = 0.070102 | MoV = 0.003400 | VoV = 0.000006 ]
Train: 100% 845/845 [03:25<00:00,  4.11 step/s]
Average loss=-0.05420156940817833
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.65 step/s]

[Valid(teacher)][29][UTT][ MSE = 0.5877 | LCC = 0.6264 | SRCC = 0.5948 ] [SYS][ MSE = 0.1130 | LCC = 0.9817 | SRCC = 0.9521 ]
[Valid(teacher)][29][UTT][ GML = 0.264670 | AML = 0.428548 | MoV = 0.298671 | VoV = 0.002305 ] [SYS][ GML = 0.000000 | AML = 0.193087 | MoV = 0.003366 | VoV = 0.000006 ]
Train: 100% 845/845 [03:25<00:00,  4.12 step/s]
Average loss=-0.06367100030183792
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.80 step/s]

[Valid(teacher)][30][UTT][ MSE = 0.6067 | LCC = 0.6242 | SRCC = 0.5929 ] [SYS][ MSE = 0.1304 | LCC = 0.9814 | SRCC = 0.9487 ]
[Valid(teacher)][30][UTT][ GML = 0.253670 | AML = 0.424716 | MoV = 0.295114 | VoV = 0.002367 ] [SYS][ GML = 0.000000 | AML = 0.133502 | MoV = 0.003339 | VoV = 0.000006 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=-0.07032453268766403
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.63 step/s]

[Valid(teacher)][31][UTT][ MSE = 0.6160 | LCC = 0.6227 | SRCC = 0.5917 ] [SYS][ MSE = 0.1364 | LCC = 0.9821 | SRCC = 0.9487 ]
[Valid(teacher)][31][UTT][ GML = 0.245595 | AML = 0.423449 | MoV = 0.289158 | VoV = 0.002409 ] [SYS][ GML = 0.000000 | AML = 0.101587 | MoV = 0.003283 | VoV = 0.000006 ]
Train: 100% 845/845 [03:25<00:00,  4.12 step/s]
Average loss=-0.07761235535144806
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.38 step/s]

[Valid(teacher)][32][UTT][ MSE = 0.5936 | LCC = 0.6237 | SRCC = 0.5928 ] [SYS][ MSE = 0.1124 | LCC = 0.9814 | SRCC = 0.9521 ]
[Valid(teacher)][32][UTT][ GML = 0.254986 | AML = 0.429517 | MoV = 0.287893 | VoV = 0.002388 ] [SYS][ GML = 0.000000 | AML = 0.234334 | MoV = 0.003261 | VoV = 0.000006 ]
Train: 100% 845/845 [03:24<00:00,  4.12 step/s]
Average loss=-0.08462583273649216
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.83 step/s]

[Valid(teacher)][33][UTT][ MSE = 0.6005 | LCC = 0.6221 | SRCC = 0.5912 ] [SYS][ MSE = 0.1168 | LCC = 0.9812 | SRCC = 0.9556 ]
[Valid(teacher)][33][UTT][ GML = 0.249594 | AML = 0.429190 | MoV = 0.284184 | VoV = 0.002377 ] [SYS][ GML = 0.000000 | AML = 0.197020 | MoV = 0.003220 | VoV = 0.000006 ]
Train: 100% 845/845 [03:25<00:00,  4.12 step/s]
Average loss=-0.09646746516227722
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.76 step/s]

[Valid(teacher)][34][UTT][ MSE = 0.6097 | LCC = 0.6193 | SRCC = 0.5881 ] [SYS][ MSE = 0.1216 | LCC = 0.9815 | SRCC = 0.9501 ]
[Valid(teacher)][34][UTT][ GML = 0.241942 | AML = 0.428164 | MoV = 0.279413 | VoV = 0.002398 ] [SYS][ GML = 0.000000 | AML = 0.143217 | MoV = 0.003157 | VoV = 0.000005 ]
Train: 100% 845/845 [03:25<00:00,  4.12 step/s]
Average loss=-0.10103203356266022
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.19 step/s]

[Valid(teacher)][35][UTT][ MSE = 0.6094 | LCC = 0.6204 | SRCC = 0.5900 ] [SYS][ MSE = 0.1217 | LCC = 0.9819 | SRCC = 0.9521 ]
[Valid(teacher)][35][UTT][ GML = 0.240155 | AML = 0.428200 | MoV = 0.276884 | VoV = 0.002447 ] [SYS][ GML = 0.000000 | AML = 0.143225 | MoV = 0.003131 | VoV = 0.000005 ]
Train: 100% 845/845 [03:25<00:00,  4.12 step/s]
Average loss=-0.10688099265098572
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.73 step/s]

[Valid(teacher)][36][UTT][ MSE = 0.6121 | LCC = 0.6206 | SRCC = 0.5903 ] [SYS][ MSE = 0.1250 | LCC = 0.9820 | SRCC = 0.9562 ]
[Valid(teacher)][36][UTT][ GML = 0.236528 | AML = 0.427939 | MoV = 0.273786 | VoV = 0.002463 ] [SYS][ GML = 0.000000 | AML = 0.143344 | MoV = 0.003100 | VoV = 0.000005 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=-0.11663789302110672
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.27 step/s]

[Valid(teacher)][37][UTT][ MSE = 0.5871 | LCC = 0.6212 | SRCC = 0.5906 ] [SYS][ MSE = 0.0954 | LCC = 0.9814 | SRCC = 0.9521 ]
[Valid(teacher)][37][UTT][ GML = 0.245759 | AML = 0.435241 | MoV = 0.271700 | VoV = 0.002518 ] [SYS][ GML = 0.000000 | AML = 0.386246 | MoV = 0.003069 | VoV = 0.000005 ]
Train: 100% 845/845 [03:25<00:00,  4.12 step/s]
Average loss=-0.12085365504026413
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.80 step/s]

[Valid(teacher)][38][UTT][ MSE = 0.5941 | LCC = 0.6190 | SRCC = 0.5881 ] [SYS][ MSE = 0.1008 | LCC = 0.9811 | SRCC = 0.9562 ]
[Valid(teacher)][38][UTT][ GML = 0.241311 | AML = 0.434159 | MoV = 0.268423 | VoV = 0.002365 ] [SYS][ GML = 0.000000 | AML = 0.330280 | MoV = 0.003035 | VoV = 0.000005 ]
Train: 100% 845/845 [03:25<00:00,  4.12 step/s]
Average loss=-0.1220463290810585
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.97 step/s]

[Valid(teacher)][39][UTT][ MSE = 0.5873 | LCC = 0.6185 | SRCC = 0.5868 ] [SYS][ MSE = 0.0910 | LCC = 0.9813 | SRCC = 0.9501 ]
[Valid(teacher)][39][UTT][ GML = 0.243800 | AML = 0.436970 | MoV = 0.267168 | VoV = 0.002350 ] [SYS][ GML = 0.000000 | AML = 0.393469 | MoV = 0.003011 | VoV = 0.000005 ]
Train: 100% 845/845 [03:25<00:00,  4.11 step/s]
Average loss=-0.132558673620224
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.04 step/s]

[Valid(teacher)][40][UTT][ MSE = 0.5988 | LCC = 0.6183 | SRCC = 0.5863 ] [SYS][ MSE = 0.1057 | LCC = 0.9815 | SRCC = 0.9521 ]
[Valid(teacher)][40][UTT][ GML = 0.236604 | AML = 0.433690 | MoV = 0.265317 | VoV = 0.002378 ] [SYS][ GML = 0.000000 | AML = 0.257203 | MoV = 0.002998 | VoV = 0.000005 ]
Train: 100% 845/845 [03:25<00:00,  4.11 step/s]
Average loss=-0.138706773519516
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.01 step/s]

[Valid(teacher)][41][UTT][ MSE = 0.5936 | LCC = 0.6183 | SRCC = 0.5871 ] [SYS][ MSE = 0.0985 | LCC = 0.9814 | SRCC = 0.9487 ]
[Valid(teacher)][41][UTT][ GML = 0.238027 | AML = 0.435912 | MoV = 0.263415 | VoV = 0.002393 ] [SYS][ GML = 0.000000 | AML = 0.320454 | MoV = 0.002975 | VoV = 0.000005 ]
Train: 100% 845/845 [03:25<00:00,  4.12 step/s]
Average loss=-0.1452372521162033
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.36 step/s]

[Valid(teacher)][42][UTT][ MSE = 0.6176 | LCC = 0.6166 | SRCC = 0.5853 ] [SYS][ MSE = 0.1231 | LCC = 0.9818 | SRCC = 0.9487 ]
[Valid(teacher)][42][UTT][ GML = 0.223394 | AML = 0.429938 | MoV = 0.260163 | VoV = 0.002509 ] [SYS][ GML = 0.000000 | AML = 0.152784 | MoV = 0.002950 | VoV = 0.000005 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=-0.15346546471118927
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.06 step/s]

[Valid(teacher)][43][UTT][ MSE = 0.6105 | LCC = 0.6166 | SRCC = 0.5850 ] [SYS][ MSE = 0.1139 | LCC = 0.9812 | SRCC = 0.9487 ]
[Valid(teacher)][43][UTT][ GML = 0.225220 | AML = 0.431948 | MoV = 0.258194 | VoV = 0.002531 ] [SYS][ GML = 0.000000 | AML = 0.272794 | MoV = 0.002925 | VoV = 0.000005 ]
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Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.15914714336395264
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.86 step/s]

[Valid(teacher)][44][UTT][ MSE = 0.6142 | LCC = 0.6157 | SRCC = 0.5843 ] [SYS][ MSE = 0.1175 | LCC = 0.9806 | SRCC = 0.9453 ]
[Valid(teacher)][44][UTT][ GML = 0.221068 | AML = 0.431355 | MoV = 0.255702 | VoV = 0.002554 ] [SYS][ GML = 0.000000 | AML = 0.279604 | MoV = 0.002904 | VoV = 0.000005 ]
Train: 100% 845/845 [03:25<00:00,  4.11 step/s]
Average loss=-0.16067810356616974
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.02 step/s]

[Valid(teacher)][45][UTT][ MSE = 0.6048 | LCC = 0.6146 | SRCC = 0.5834 ] [SYS][ MSE = 0.1067 | LCC = 0.9809 | SRCC = 0.9494 ]
[Valid(teacher)][45][UTT][ GML = 0.225323 | AML = 0.434435 | MoV = 0.254938 | VoV = 0.002427 ] [SYS][ GML = 0.000000 | AML = 0.367247 | MoV = 0.002889 | VoV = 0.000005 ]
Train: 100% 845/845 [03:24<00:00,  4.12 step/s]
Average loss=-0.1656966507434845
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.91 step/s]

[Valid(teacher)][46][UTT][ MSE = 0.6006 | LCC = 0.6155 | SRCC = 0.5849 ] [SYS][ MSE = 0.1021 | LCC = 0.9814 | SRCC = 0.9556 ]
[Valid(teacher)][46][UTT][ GML = 0.226357 | AML = 0.436155 | MoV = 0.252794 | VoV = 0.002439 ] [SYS][ GML = 0.000000 | AML = 0.451275 | MoV = 0.002866 | VoV = 0.000005 ]
Train: 100% 845/845 [03:24<00:00,  4.12 step/s]
Average loss=-0.17472682893276215
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.02 step/s]

[Valid(teacher)][47][UTT][ MSE = 0.5855 | LCC = 0.6138 | SRCC = 0.5829 ] [SYS][ MSE = 0.0821 | LCC = 0.9808 | SRCC = 0.9556 ]
[Valid(teacher)][47][UTT][ GML = 0.232872 | AML = 0.441094 | MoV = 0.251915 | VoV = 0.002469 ] [SYS][ GML = 0.000000 | AML = 0.633200 | MoV = 0.002844 | VoV = 0.000005 ]
Train: 100% 845/845 [03:24<00:00,  4.12 step/s]
Average loss=-0.17761491239070892
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.49 step/s]

[Valid(teacher)][48][UTT][ MSE = 0.5913 | LCC = 0.6121 | SRCC = 0.5815 ] [SYS][ MSE = 0.0870 | LCC = 0.9802 | SRCC = 0.9494 ]
[Valid(teacher)][48][UTT][ GML = 0.229070 | AML = 0.439462 | MoV = 0.250331 | VoV = 0.002408 ] [SYS][ GML = 0.000000 | AML = 0.617034 | MoV = 0.002829 | VoV = 0.000005 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=-0.18434055149555206
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.82 step/s]

[Valid(teacher)][49][UTT][ MSE = 0.6055 | LCC = 0.6095 | SRCC = 0.5788 ] [SYS][ MSE = 0.1005 | LCC = 0.9808 | SRCC = 0.9556 ]
[Valid(teacher)][49][UTT][ GML = 0.219445 | AML = 0.435458 | MoV = 0.248376 | VoV = 0.002520 ] [SYS][ GML = 0.000000 | AML = 0.498953 | MoV = 0.002815 | VoV = 0.000005 ]
Train: 100% 845/845 [03:25<00:00,  4.12 step/s]
Average loss=-0.1882692575454712
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.68 step/s]

[Valid(teacher)][50][UTT][ MSE = 0.6134 | LCC = 0.6087 | SRCC = 0.5777 ] [SYS][ MSE = 0.1065 | LCC = 0.9813 | SRCC = 0.9515 ]
[Valid(teacher)][50][UTT][ GML = 0.212935 | AML = 0.434067 | MoV = 0.245553 | VoV = 0.002518 ] [SYS][ GML = 0.000000 | AML = 0.342177 | MoV = 0.002787 | VoV = 0.000005 ]
Train: 100% 845/845 [03:25<00:00,  4.12 step/s]
Average loss=-0.1939995288848877
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.59 step/s]

[Valid(teacher)][51][UTT][ MSE = 0.6013 | LCC = 0.6094 | SRCC = 0.5788 ] [SYS][ MSE = 0.0950 | LCC = 0.9808 | SRCC = 0.9460 ]
[Valid(teacher)][51][UTT][ GML = 0.217383 | AML = 0.437495 | MoV = 0.244058 | VoV = 0.002515 ] [SYS][ GML = 0.000000 | AML = 0.439758 | MoV = 0.002766 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=-0.20564907789230347
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.35 step/s]

[Valid(teacher)][52][UTT][ MSE = 0.6068 | LCC = 0.6095 | SRCC = 0.5795 ] [SYS][ MSE = 0.0978 | LCC = 0.9814 | SRCC = 0.9515 ]
[Valid(teacher)][52][UTT][ GML = 0.209237 | AML = 0.437706 | MoV = 0.237582 | VoV = 0.002404 ] [SYS][ GML = 0.000000 | AML = 0.400115 | MoV = 0.002695 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.2108982801437378
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.41 step/s]

[Valid(teacher)][53][UTT][ MSE = 0.6001 | LCC = 0.6098 | SRCC = 0.5796 ] [SYS][ MSE = 0.0913 | LCC = 0.9807 | SRCC = 0.9494 ]
[Valid(teacher)][53][UTT][ GML = 0.211861 | AML = 0.439043 | MoV = 0.237505 | VoV = 0.002453 ] [SYS][ GML = 0.000000 | AML = 0.475596 | MoV = 0.002690 | VoV = 0.000004 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=-0.2133338749408722
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.60 step/s]

[Valid(teacher)][54][UTT][ MSE = 0.6072 | LCC = 0.6095 | SRCC = 0.5793 ] [SYS][ MSE = 0.0978 | LCC = 0.9810 | SRCC = 0.9583 ]
[Valid(teacher)][54][UTT][ GML = 0.206457 | AML = 0.437658 | MoV = 0.235691 | VoV = 0.002433 ] [SYS][ GML = 0.000000 | AML = 0.500134 | MoV = 0.002672 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00,  4.12 step/s]
Average loss=-0.22455115616321564
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.77 step/s]

[Valid(teacher)][55][UTT][ MSE = 0.6109 | LCC = 0.6082 | SRCC = 0.5785 ] [SYS][ MSE = 0.1010 | LCC = 0.9801 | SRCC = 0.9521 ]
[Valid(teacher)][55][UTT][ GML = 0.202131 | AML = 0.437254 | MoV = 0.232802 | VoV = 0.002404 ] [SYS][ GML = 0.000000 | AML = 0.575593 | MoV = 0.002641 | VoV = 0.000004 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.2259233593940735
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.76 step/s]

[Valid(teacher)][56][UTT][ MSE = 0.6073 | LCC = 0.6067 | SRCC = 0.5766 ] [SYS][ MSE = 0.0950 | LCC = 0.9803 | SRCC = 0.9556 ]
[Valid(teacher)][56][UTT][ GML = 0.202176 | AML = 0.438560 | MoV = 0.230913 | VoV = 0.002413 ] [SYS][ GML = 0.000000 | AML = 0.584989 | MoV = 0.002620 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=-0.22957797348499298
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.46 step/s]

[Valid(teacher)][57][UTT][ MSE = 0.6042 | LCC = 0.6065 | SRCC = 0.5762 ] [SYS][ MSE = 0.0917 | LCC = 0.9798 | SRCC = 0.9521 ]
[Valid(teacher)][57][UTT][ GML = 0.203450 | AML = 0.439663 | MoV = 0.229649 | VoV = 0.002401 ] [SYS][ GML = 0.000000 | AML = 0.609045 | MoV = 0.002608 | VoV = 0.000004 ]
Train: 100% 845/845 [03:22<00:00,  4.17 step/s]
Average loss=-0.23581737279891968
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.59 step/s]

[Valid(teacher)][58][UTT][ MSE = 0.5995 | LCC = 0.6060 | SRCC = 0.5755 ] [SYS][ MSE = 0.0843 | LCC = 0.9801 | SRCC = 0.9542 ]
[Valid(teacher)][58][UTT][ GML = 0.204808 | AML = 0.442842 | MoV = 0.227976 | VoV = 0.002327 ] [SYS][ GML = 0.000000 | AML = 0.643772 | MoV = 0.002587 | VoV = 0.000004 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.24542702734470367
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.82 step/s]

[Valid(teacher)][59][UTT][ MSE = 0.5897 | LCC = 0.6070 | SRCC = 0.5764 ] [SYS][ MSE = 0.0728 | LCC = 0.9807 | SRCC = 0.9617 ]
[Valid(teacher)][59][UTT][ GML = 0.208083 | AML = 0.446353 | MoV = 0.225929 | VoV = 0.002320 ] [SYS][ GML = 0.000001 | AML = 0.715403 | MoV = 0.002554 | VoV = 0.000004 ]
Train: 100% 845/845 [03:25<00:00,  4.11 step/s]
Average loss=-0.248317882418625
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.77 step/s]

[Valid(teacher)][60][UTT][ MSE = 0.5917 | LCC = 0.6075 | SRCC = 0.5768 ] [SYS][ MSE = 0.0766 | LCC = 0.9809 | SRCC = 0.9679 ]
[Valid(teacher)][60][UTT][ GML = 0.205222 | AML = 0.446629 | MoV = 0.223357 | VoV = 0.002222 ] [SYS][ GML = 0.000000 | AML = 0.652134 | MoV = 0.002529 | VoV = 0.000004 ]
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 [00:21<00:00, 188.86 step/s]

[Test(best)][61][UTT][ MSE = 0.5243 | LCC = 0.6687 | SRCC = 0.6337 ] [SYS][ MSE = 0.1046 | LCC = 0.9805 | SRCC = 0.9583 ]
[Test(best)][61][UTT][ GML = 0.321477 | AML = 0.421975 | MoV = 0.379014 | VoV = 0.002650 ] [SYS][ GML = 0.000000 | AML = 0.144042 | MoV = 0.003126 | VoV = 0.000004 ]
Test(last): 100% 4000/4000 [00:20<00:00, 195.99 step/s]

[Test(last)][61][UTT][ MSE = 0.5603 | LCC = 0.6294 | SRCC = 0.5998 ] [SYS][ MSE = 0.0628 | LCC = 0.9834 | SRCC = 0.9774 ]
[Test(last)][61][UTT][ GML = 0.223408 | AML = 0.455375 | MoV = 0.223646 | VoV = 0.002266 ] [SYS][ GML = 0.000000 | AML = 0.624241 | MoV = 0.001837 | VoV = 0.000002 ]
(lxygpu) [x_xlian@node001 ProMOSNet]$ client_loop: send disconnect: Broken pipe
lxy@Hope-Liang-MBA ProMOSNet %
```