```
(lxygpu) [x_xlian@node002 ProMOSNet]$ python train.py --lamb_c=0.25 --lamb_t=0 --save_path "runs/c25e-2-t0/run6"
Loading all wav files.
100%|██████████████████████████████████████████████████████████████████████████████████████████████████████| 54040/54040 [07:49<00:00, 115.00it/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 [01:43<00:00, 28.88it/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 [02:19<00:00, 28.72it/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 [03:28<00:00,  4.06 step/s]
Average loss=25948.220703125
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.20 step/s]

[Valid(teacher)][0][UTT][ MSE = 3.7823 | LCC = 0.4745 | SRCC = 0.4547 ] [SYS][ MSE = 3.6235 | LCC = 0.8234 | SRCC = 0.8352 ]
[Valid(teacher)][0][UTT][ GML = 0.000299 | AML = 0.067662 | MoV = 0.280575 | VoV = 0.010048 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003401 | VoV = 0.000011 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.29125598073005676
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.42 step/s]

[Valid(teacher)][1][UTT][ MSE = 2.2680 | LCC = 0.5607 | SRCC = 0.5280 ] [SYS][ MSE = 1.8825 | LCC = 0.9174 | SRCC = 0.8954 ]
[Valid(teacher)][1][UTT][ GML = 0.001676 | AML = 0.152876 | MoV = 0.323891 | VoV = 0.020332 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004106 | VoV = 0.000021 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.2427404820919037
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.82 step/s]

[Valid(teacher)][2][UTT][ MSE = 1.5623 | LCC = 0.5851 | SRCC = 0.5450 ] [SYS][ MSE = 1.1401 | LCC = 0.9379 | SRCC = 0.8824 ]
[Valid(teacher)][2][UTT][ GML = 0.030155 | AML = 0.230214 | MoV = 0.361675 | VoV = 0.015349 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004394 | VoV = 0.000019 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.21386104822158813
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.70 step/s]

[Valid(teacher)][3][UTT][ MSE = 1.5980 | LCC = 0.5938 | SRCC = 0.5517 ] [SYS][ MSE = 1.1874 | LCC = 0.9510 | SRCC = 0.9022 ]
[Valid(teacher)][3][UTT][ GML = 0.038503 | AML = 0.226451 | MoV = 0.359130 | VoV = 0.011601 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004277 | VoV = 0.000015 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.19691555202007294
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.94 step/s]

[Valid(teacher)][4][UTT][ MSE = 1.4093 | LCC = 0.6052 | SRCC = 0.5610 ] [SYS][ MSE = 0.9883 | LCC = 0.9608 | SRCC = 0.9050 ]
[Valid(teacher)][4][UTT][ GML = 0.067234 | AML = 0.253981 | MoV = 0.370761 | VoV = 0.009358 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004356 | VoV = 0.000014 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.18247072398662567
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.15 step/s]

[Valid(teacher)][5][UTT][ MSE = 1.3722 | LCC = 0.6087 | SRCC = 0.5648 ] [SYS][ MSE = 0.9542 | LCC = 0.9616 | SRCC = 0.9125 ]
[Valid(teacher)][5][UTT][ GML = 0.076242 | AML = 0.259366 | MoV = 0.374512 | VoV = 0.008597 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004374 | VoV = 0.000013 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.16781267523765564
Valid(teacher): 100% 3000/3000 [00:15<00:00, 201.92 step/s]

[Valid(teacher)][6][UTT][ MSE = 1.4528 | LCC = 0.6143 | SRCC = 0.5712 ] [SYS][ MSE = 1.0515 | LCC = 0.9650 | SRCC = 0.9111 ]
[Valid(teacher)][6][UTT][ GML = 0.066256 | AML = 0.247384 | MoV = 0.359899 | VoV = 0.007941 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004221 | VoV = 0.000013 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.15410950779914856
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.40 step/s]

[Valid(teacher)][7][UTT][ MSE = 1.5363 | LCC = 0.6165 | SRCC = 0.5751 ] [SYS][ MSE = 1.1412 | LCC = 0.9668 | SRCC = 0.9179 ]
[Valid(teacher)][7][UTT][ GML = 0.057248 | AML = 0.235306 | MoV = 0.353257 | VoV = 0.007773 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004148 | VoV = 0.000013 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.1412046253681183
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.71 step/s]

[Valid(teacher)][8][UTT][ MSE = 1.5221 | LCC = 0.6199 | SRCC = 0.5794 ] [SYS][ MSE = 1.1336 | LCC = 0.9680 | SRCC = 0.9316 ]
[Valid(teacher)][8][UTT][ GML = 0.058813 | AML = 0.237663 | MoV = 0.346102 | VoV = 0.007057 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004064 | VoV = 0.000012 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.13416941463947296
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.91 step/s]

[Valid(teacher)][9][UTT][ MSE = 1.5776 | LCC = 0.6191 | SRCC = 0.5801 ] [SYS][ MSE = 1.1923 | LCC = 0.9681 | SRCC = 0.9371 ]
[Valid(teacher)][9][UTT][ GML = 0.053579 | AML = 0.230452 | MoV = 0.338975 | VoV = 0.006293 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003980 | VoV = 0.000011 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=0.1216207891702652
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.39 step/s]

[Valid(teacher)][10][UTT][ MSE = 1.5303 | LCC = 0.6212 | SRCC = 0.5835 ] [SYS][ MSE = 1.1426 | LCC = 0.9687 | SRCC = 0.9309 ]
[Valid(teacher)][10][UTT][ GML = 0.058822 | AML = 0.237587 | MoV = 0.335611 | VoV = 0.005627 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003933 | VoV = 0.000011 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.11222515255212784
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.28 step/s]

[Valid(teacher)][11][UTT][ MSE = 1.4983 | LCC = 0.6215 | SRCC = 0.5856 ] [SYS][ MSE = 1.1093 | LCC = 0.9691 | SRCC = 0.9412 ]
[Valid(teacher)][11][UTT][ GML = 0.063078 | AML = 0.242818 | MoV = 0.332660 | VoV = 0.004828 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003885 | VoV = 0.000010 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.1030663475394249
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.20 step/s]

[Valid(teacher)][12][UTT][ MSE = 1.4835 | LCC = 0.6210 | SRCC = 0.5871 ] [SYS][ MSE = 1.0892 | LCC = 0.9698 | SRCC = 0.9446 ]
[Valid(teacher)][12][UTT][ GML = 0.064398 | AML = 0.245226 | MoV = 0.329908 | VoV = 0.004481 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003854 | VoV = 0.000010 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.09338771551847458
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.50 step/s]

[Valid(teacher)][13][UTT][ MSE = 1.4111 | LCC = 0.6203 | SRCC = 0.5882 ] [SYS][ MSE = 1.0128 | LCC = 0.9682 | SRCC = 0.9439 ]
[Valid(teacher)][13][UTT][ GML = 0.074048 | AML = 0.257103 | MoV = 0.330248 | VoV = 0.004001 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003842 | VoV = 0.000010 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.08218570053577423
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.40 step/s]

[Valid(teacher)][14][UTT][ MSE = 1.3842 | LCC = 0.6200 | SRCC = 0.5906 ] [SYS][ MSE = 0.9831 | LCC = 0.9682 | SRCC = 0.9453 ]
[Valid(teacher)][14][UTT][ GML = 0.078415 | AML = 0.261534 | MoV = 0.329273 | VoV = 0.003654 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003825 | VoV = 0.000010 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=0.07068134844303131
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.99 step/s]

[Valid(teacher)][15][UTT][ MSE = 1.3273 | LCC = 0.6204 | SRCC = 0.5920 ] [SYS][ MSE = 0.9153 | LCC = 0.9684 | SRCC = 0.9515 ]
[Valid(teacher)][15][UTT][ GML = 0.082864 | AML = 0.270664 | MoV = 0.323206 | VoV = 0.003571 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003755 | VoV = 0.000009 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.06473947316408157
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.52 step/s]

[Valid(teacher)][16][UTT][ MSE = 1.3416 | LCC = 0.6183 | SRCC = 0.5909 ] [SYS][ MSE = 0.9255 | LCC = 0.9673 | SRCC = 0.9412 ]
[Valid(teacher)][16][UTT][ GML = 0.075569 | AML = 0.269244 | MoV = 0.312642 | VoV = 0.003657 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003641 | VoV = 0.000009 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.05884188041090965
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.64 step/s]

[Valid(teacher)][17][UTT][ MSE = 1.5755 | LCC = 0.6090 | SRCC = 0.5801 ] [SYS][ MSE = 1.1704 | LCC = 0.9659 | SRCC = 0.9515 ]
[Valid(teacher)][17][UTT][ GML = 0.044085 | AML = 0.234721 | MoV = 0.295750 | VoV = 0.003741 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003473 | VoV = 0.000009 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.05162922292947769
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.54 step/s]

[Valid(teacher)][18][UTT][ MSE = 1.6712 | LCC = 0.6069 | SRCC = 0.5774 ] [SYS][ MSE = 1.2757 | LCC = 0.9673 | SRCC = 0.9569 ]
[Valid(teacher)][18][UTT][ GML = 0.034980 | AML = 0.221354 | MoV = 0.288106 | VoV = 0.003737 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003407 | VoV = 0.000009 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=0.03954637423157692
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.37 step/s]

[Valid(teacher)][19][UTT][ MSE = 1.4761 | LCC = 0.6099 | SRCC = 0.5814 ] [SYS][ MSE = 1.0670 | LCC = 0.9679 | SRCC = 0.9446 ]
[Valid(teacher)][19][UTT][ GML = 0.053058 | AML = 0.250084 | MoV = 0.294812 | VoV = 0.003542 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003461 | VoV = 0.000008 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
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Average loss=0.031089067459106445
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.63 step/s]

[Valid(teacher)][20][UTT][ MSE = 1.3127 | LCC = 0.6120 | SRCC = 0.5846 ] [SYS][ MSE = 0.8838 | LCC = 0.9682 | SRCC = 0.9426 ]
[Valid(teacher)][20][UTT][ GML = 0.071213 | AML = 0.276385 | MoV = 0.295932 | VoV = 0.003438 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003446 | VoV = 0.000008 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.020184699445962906
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.05 step/s]

[Valid(teacher)][21][UTT][ MSE = 1.2063 | LCC = 0.6140 | SRCC = 0.5882 ] [SYS][ MSE = 0.7658 | LCC = 0.9688 | SRCC = 0.9432 ]
[Valid(teacher)][21][UTT][ GML = 0.087030 | AML = 0.294462 | MoV = 0.296304 | VoV = 0.003136 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003431 | VoV = 0.000008 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.00986187811940984
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.15 step/s]

[Valid(teacher)][22][UTT][ MSE = 1.1350 | LCC = 0.6157 | SRCC = 0.5901 ] [SYS][ MSE = 0.6867 | LCC = 0.9690 | SRCC = 0.9337 ]
[Valid(teacher)][22][UTT][ GML = 0.095863 | AML = 0.308231 | MoV = 0.291874 | VoV = 0.003164 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003374 | VoV = 0.000007 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=0.0010973543394356966
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.87 step/s]

[Valid(teacher)][23][UTT][ MSE = 1.1058 | LCC = 0.6146 | SRCC = 0.5908 ] [SYS][ MSE = 0.6479 | LCC = 0.9700 | SRCC = 0.9460 ]
[Valid(teacher)][23][UTT][ GML = 0.099905 | AML = 0.314222 | MoV = 0.289116 | VoV = 0.002932 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003337 | VoV = 0.000007 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.004052654840052128
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.89 step/s]

[Valid(teacher)][24][UTT][ MSE = 1.0841 | LCC = 0.6126 | SRCC = 0.5894 ] [SYS][ MSE = 0.6200 | LCC = 0.9695 | SRCC = 0.9460 ]
[Valid(teacher)][24][UTT][ GML = 0.101976 | AML = 0.318794 | MoV = 0.286007 | VoV = 0.002823 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003298 | VoV = 0.000007 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=-0.010272957384586334
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.25 step/s]

[Valid(teacher)][25][UTT][ MSE = 1.0615 | LCC = 0.6107 | SRCC = 0.5871 ] [SYS][ MSE = 0.5975 | LCC = 0.9686 | SRCC = 0.9296 ]
[Valid(teacher)][25][UTT][ GML = 0.106177 | AML = 0.323450 | MoV = 0.284938 | VoV = 0.002598 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003277 | VoV = 0.000007 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=-0.02392515167593956
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.20 step/s]

[Valid(teacher)][26][UTT][ MSE = 1.0188 | LCC = 0.6129 | SRCC = 0.5894 ] [SYS][ MSE = 0.5547 | LCC = 0.9703 | SRCC = 0.9419 ]
[Valid(teacher)][26][UTT][ GML = 0.113119 | AML = 0.332019 | MoV = 0.281575 | VoV = 0.002422 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003235 | VoV = 0.000006 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=-0.03034326061606407
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.72 step/s]

[Valid(teacher)][27][UTT][ MSE = 1.0211 | LCC = 0.6110 | SRCC = 0.5871 ] [SYS][ MSE = 0.5542 | LCC = 0.9718 | SRCC = 0.9398 ]
[Valid(teacher)][27][UTT][ GML = 0.109029 | AML = 0.332113 | MoV = 0.277195 | VoV = 0.002550 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003193 | VoV = 0.000006 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.041701335459947586
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.36 step/s]

[Valid(teacher)][28][UTT][ MSE = 1.0196 | LCC = 0.6114 | SRCC = 0.5875 ] [SYS][ MSE = 0.5517 | LCC = 0.9714 | SRCC = 0.9412 ]
[Valid(teacher)][28][UTT][ GML = 0.104922 | AML = 0.333207 | MoV = 0.271000 | VoV = 0.002534 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003121 | VoV = 0.000006 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=-0.04532698169350624
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.45 step/s]

[Valid(teacher)][29][UTT][ MSE = 0.8686 | LCC = 0.6187 | SRCC = 0.5926 ] [SYS][ MSE = 0.3920 | LCC = 0.9751 | SRCC = 0.9487 ]
[Valid(teacher)][29][UTT][ GML = 0.143645 | AML = 0.364510 | MoV = 0.275060 | VoV = 0.002356 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003147 | VoV = 0.000006 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=-0.05384551361203194
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.11 step/s]

[Valid(teacher)][30][UTT][ MSE = 0.8321 | LCC = 0.6202 | SRCC = 0.5940 ] [SYS][ MSE = 0.3549 | LCC = 0.9751 | SRCC = 0.9474 ]
[Valid(teacher)][30][UTT][ GML = 0.153132 | AML = 0.372888 | MoV = 0.272467 | VoV = 0.002257 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003111 | VoV = 0.000006 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.06105734035372734
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.36 step/s]

[Valid(teacher)][31][UTT][ MSE = 1.0031 | LCC = 0.6092 | SRCC = 0.5846 ] [SYS][ MSE = 0.5278 | LCC = 0.9718 | SRCC = 0.9474 ]
[Valid(teacher)][31][UTT][ GML = 0.099002 | AML = 0.337900 | MoV = 0.258135 | VoV = 0.002383 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002975 | VoV = 0.000006 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.07071197032928467
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.07 step/s]

[Valid(teacher)][32][UTT][ MSE = 0.9839 | LCC = 0.6083 | SRCC = 0.5836 ] [SYS][ MSE = 0.5041 | LCC = 0.9735 | SRCC = 0.9487 ]
[Valid(teacher)][32][UTT][ GML = 0.099007 | AML = 0.343267 | MoV = 0.253416 | VoV = 0.002420 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002925 | VoV = 0.000005 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=-0.07594288140535355
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.27 step/s]

[Valid(teacher)][33][UTT][ MSE = 0.8884 | LCC = 0.6150 | SRCC = 0.5890 ] [SYS][ MSE = 0.4078 | LCC = 0.9756 | SRCC = 0.9460 ]
[Valid(teacher)][33][UTT][ GML = 0.122185 | AML = 0.363727 | MoV = 0.254656 | VoV = 0.002398 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002928 | VoV = 0.000005 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.07870754599571228
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.26 step/s]

[Valid(teacher)][34][UTT][ MSE = 0.8749 | LCC = 0.6155 | SRCC = 0.5888 ] [SYS][ MSE = 0.3965 | LCC = 0.9752 | SRCC = 0.9460 ]
[Valid(teacher)][34][UTT][ GML = 0.125307 | AML = 0.366699 | MoV = 0.253878 | VoV = 0.002337 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002917 | VoV = 0.000005 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.09213012456893921
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.39 step/s]

[Valid(teacher)][35][UTT][ MSE = 0.7673 | LCC = 0.6224 | SRCC = 0.5939 ] [SYS][ MSE = 0.2878 | LCC = 0.9773 | SRCC = 0.9494 ]
[Valid(teacher)][35][UTT][ GML = 0.160566 | AML = 0.391242 | MoV = 0.256320 | VoV = 0.002161 ] [SYS][ GML = 0.000000 | AML = 0.000002 | MoV = 0.002924 | VoV = 0.000005 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=-0.09708257019519806
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.42 step/s]

[Valid(teacher)][36][UTT][ MSE = 0.7869 | LCC = 0.6206 | SRCC = 0.5925 ] [SYS][ MSE = 0.3088 | LCC = 0.9770 | SRCC = 0.9494 ]
[Valid(teacher)][36][UTT][ GML = 0.149434 | AML = 0.387769 | MoV = 0.250502 | VoV = 0.002204 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002863 | VoV = 0.000005 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.10425608605146408
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.77 step/s]

[Valid(teacher)][37][UTT][ MSE = 0.7727 | LCC = 0.6208 | SRCC = 0.5923 ] [SYS][ MSE = 0.2946 | LCC = 0.9762 | SRCC = 0.9494 ]
[Valid(teacher)][37][UTT][ GML = 0.153375 | AML = 0.391363 | MoV = 0.247967 | VoV = 0.002035 ] [SYS][ GML = 0.000000 | AML = 0.000001 | MoV = 0.002831 | VoV = 0.000005 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=-0.10928185284137726
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.42 step/s]

[Valid(teacher)][38][UTT][ MSE = 0.7948 | LCC = 0.6191 | SRCC = 0.5910 ] [SYS][ MSE = 0.3157 | LCC = 0.9767 | SRCC = 0.9460 ]
[Valid(teacher)][38][UTT][ GML = 0.143507 | AML = 0.386100 | MoV = 0.244500 | VoV = 0.002044 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.002796 | VoV = 0.000005 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=-0.12121103703975677
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.31 step/s]

[Valid(teacher)][39][UTT][ MSE = 0.7388 | LCC = 0.6217 | SRCC = 0.5927 ] [SYS][ MSE = 0.2577 | LCC = 0.9778 | SRCC = 0.9460 ]
[Valid(teacher)][39][UTT][ GML = 0.161732 | AML = 0.399706 | MoV = 0.242965 | VoV = 0.001948 ] [SYS][ GML = 0.000000 | AML = 0.000005 | MoV = 0.002763 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=-0.1225983649492638
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.50 step/s]

[Valid(teacher)][40][UTT][ MSE = 0.6927 | LCC = 0.6244 | SRCC = 0.5939 ] [SYS][ MSE = 0.2121 | LCC = 0.9781 | SRCC = 0.9467 ]
[Valid(teacher)][40][UTT][ GML = 0.180196 | AML = 0.410689 | MoV = 0.243725 | VoV = 0.001891 ] [SYS][ GML = 0.000000 | AML = 0.000165 | MoV = 0.002764 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=-0.130442276597023
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.21 step/s]

[Valid(teacher)][41][UTT][ MSE = 0.7088 | LCC = 0.6228 | SRCC = 0.5918 ] [SYS][ MSE = 0.2275 | LCC = 0.9783 | SRCC = 0.9426 ]
[Valid(teacher)][41][UTT][ GML = 0.170388 | AML = 0.407712 | MoV = 0.239440 | VoV = 0.001829 ] [SYS][ GML = 0.000000 | AML = 0.000092 | MoV = 0.002719 | VoV = 0.000004 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.13706809282302856
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.01 step/s]

[Valid(teacher)][42][UTT][ MSE = 0.7159 | LCC = 0.6214 | SRCC = 0.5900 ] [SYS][ MSE = 0.2358 | LCC = 0.9790 | SRCC = 0.9426 ]
[Valid(teacher)][42][UTT][ GML = 0.164610 | AML = 0.405671 | MoV = 0.235703 | VoV = 0.001801 ] [SYS][ GML = 0.000000 | AML = 0.000011 | MoV = 0.002685 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.1462569683790207
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.41 step/s]

[Valid(teacher)][43][UTT][ MSE = 0.6864 | LCC = 0.6212 | SRCC = 0.5887 ] [SYS][ MSE = 0.2042 | LCC = 0.9797 | SRCC = 0.9487 ]
[Valid(teacher)][43][UTT][ GML = 0.175698 | AML = 0.413037 | MoV = 0.234755 | VoV = 0.001754 ] [SYS][ GML = 0.000000 | AML = 0.000128 | MoV = 0.002665 | VoV = 0.000004 ]
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Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.16118580102920532
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.88 step/s]

[Valid(teacher)][44][UTT][ MSE = 0.6546 | LCC = 0.6223 | SRCC = 0.5892 ] [SYS][ MSE = 0.1704 | LCC = 0.9799 | SRCC = 0.9460 ]
[Valid(teacher)][44][UTT][ GML = 0.187316 | AML = 0.422119 | MoV = 0.232526 | VoV = 0.001710 ] [SYS][ GML = 0.000000 | AML = 0.002125 | MoV = 0.002633 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.16241930425167084
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.87 step/s]

[Valid(teacher)][45][UTT][ MSE = 0.6749 | LCC = 0.6230 | SRCC = 0.5898 ] [SYS][ MSE = 0.1943 | LCC = 0.9793 | SRCC = 0.9405 ]
[Valid(teacher)][45][UTT][ GML = 0.175682 | AML = 0.416726 | MoV = 0.228716 | VoV = 0.001631 ] [SYS][ GML = 0.000000 | AML = 0.000103 | MoV = 0.002595 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.1651294231414795
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.46 step/s]

[Valid(teacher)][46][UTT][ MSE = 0.6201 | LCC = 0.6280 | SRCC = 0.5942 ] [SYS][ MSE = 0.1408 | LCC = 0.9802 | SRCC = 0.9385 ]
[Valid(teacher)][46][UTT][ GML = 0.201069 | AML = 0.431304 | MoV = 0.230051 | VoV = 0.001694 ] [SYS][ GML = 0.000000 | AML = 0.007560 | MoV = 0.002593 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.16754788160324097
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.02 step/s]

[Valid(teacher)][47][UTT][ MSE = 0.6290 | LCC = 0.6261 | SRCC = 0.5915 ] [SYS][ MSE = 0.1467 | LCC = 0.9795 | SRCC = 0.9426 ]
[Valid(teacher)][47][UTT][ GML = 0.193620 | AML = 0.430171 | MoV = 0.227256 | VoV = 0.001699 ] [SYS][ GML = 0.000000 | AML = 0.004426 | MoV = 0.002569 | VoV = 0.000004 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=-0.17743578553199768
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.18 step/s]

[Valid(teacher)][48][UTT][ MSE = 0.6421 | LCC = 0.6256 | SRCC = 0.5913 ] [SYS][ MSE = 0.1605 | LCC = 0.9793 | SRCC = 0.9432 ]
[Valid(teacher)][48][UTT][ GML = 0.184464 | AML = 0.426828 | MoV = 0.224726 | VoV = 0.001740 ] [SYS][ GML = 0.000000 | AML = 0.001334 | MoV = 0.002547 | VoV = 0.000004 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.1800079196691513
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.17 step/s]

[Valid(teacher)][49][UTT][ MSE = 0.6146 | LCC = 0.6274 | SRCC = 0.5925 ] [SYS][ MSE = 0.1332 | LCC = 0.9795 | SRCC = 0.9432 ]
[Valid(teacher)][49][UTT][ GML = 0.197167 | AML = 0.434393 | MoV = 0.224019 | VoV = 0.001707 ] [SYS][ GML = 0.000000 | AML = 0.014059 | MoV = 0.002525 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=-0.18764247000217438
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.27 step/s]

[Valid(teacher)][50][UTT][ MSE = 0.6187 | LCC = 0.6259 | SRCC = 0.5909 ] [SYS][ MSE = 0.1371 | LCC = 0.9795 | SRCC = 0.9398 ]
[Valid(teacher)][50][UTT][ GML = 0.192579 | AML = 0.433454 | MoV = 0.220105 | VoV = 0.001595 ] [SYS][ GML = 0.000000 | AML = 0.013626 | MoV = 0.002485 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.19002273678779602
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.78 step/s]

[Valid(teacher)][51][UTT][ MSE = 0.6231 | LCC = 0.6250 | SRCC = 0.5897 ] [SYS][ MSE = 0.1399 | LCC = 0.9791 | SRCC = 0.9398 ]
[Valid(teacher)][51][UTT][ GML = 0.190297 | AML = 0.432322 | MoV = 0.219984 | VoV = 0.001617 ] [SYS][ GML = 0.000000 | AML = 0.015608 | MoV = 0.002489 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00,  4.12 step/s]
Average loss=-0.2008015215396881
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.24 step/s]

[Valid(teacher)][52][UTT][ MSE = 0.6099 | LCC = 0.6252 | SRCC = 0.5899 ] [SYS][ MSE = 0.1262 | LCC = 0.9795 | SRCC = 0.9398 ]
[Valid(teacher)][52][UTT][ GML = 0.195199 | AML = 0.436104 | MoV = 0.218305 | VoV = 0.001550 ] [SYS][ GML = 0.000000 | AML = 0.038040 | MoV = 0.002463 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=-0.20893380045890808
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.73 step/s]

[Valid(teacher)][53][UTT][ MSE = 0.6033 | LCC = 0.6259 | SRCC = 0.5904 ] [SYS][ MSE = 0.1221 | LCC = 0.9803 | SRCC = 0.9405 ]
[Valid(teacher)][53][UTT][ GML = 0.195550 | AML = 0.438252 | MoV = 0.215525 | VoV = 0.001564 ] [SYS][ GML = 0.000000 | AML = 0.034395 | MoV = 0.002430 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=-0.21403855085372925
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.95 step/s]

[Valid(teacher)][54][UTT][ MSE = 0.6001 | LCC = 0.6254 | SRCC = 0.5894 ] [SYS][ MSE = 0.1196 | LCC = 0.9811 | SRCC = 0.9467 ]
[Valid(teacher)][54][UTT][ GML = 0.194189 | AML = 0.438838 | MoV = 0.212509 | VoV = 0.001589 ] [SYS][ GML = 0.000000 | AML = 0.039872 | MoV = 0.002404 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.21490478515625
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.43 step/s]

[Valid(teacher)][55][UTT][ MSE = 0.6021 | LCC = 0.6243 | SRCC = 0.5878 ] [SYS][ MSE = 0.1206 | LCC = 0.9811 | SRCC = 0.9439 ]
[Valid(teacher)][55][UTT][ GML = 0.190980 | AML = 0.438420 | MoV = 0.210743 | VoV = 0.001574 ] [SYS][ GML = 0.000000 | AML = 0.031283 | MoV = 0.002382 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=-0.2206745743751526
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.11 step/s]

[Valid(teacher)][56][UTT][ MSE = 0.5879 | LCC = 0.6238 | SRCC = 0.5875 ] [SYS][ MSE = 0.1049 | LCC = 0.9798 | SRCC = 0.9391 ]
[Valid(teacher)][56][UTT][ GML = 0.198880 | AML = 0.442148 | MoV = 0.211376 | VoV = 0.001574 ] [SYS][ GML = 0.000000 | AML = 0.098731 | MoV = 0.002384 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.23453067243099213
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.89 step/s]

[Valid(teacher)][57][UTT][ MSE = 0.5623 | LCC = 0.6247 | SRCC = 0.5882 ] [SYS][ MSE = 0.0766 | LCC = 0.9800 | SRCC = 0.9391 ]
[Valid(teacher)][57][UTT][ GML = 0.212153 | AML = 0.450209 | MoV = 0.210015 | VoV = 0.001510 ] [SYS][ GML = 0.000000 | AML = 0.445681 | MoV = 0.002357 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=-0.23289863765239716
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.26 step/s]

[Valid(teacher)][58][UTT][ MSE = 0.5685 | LCC = 0.6244 | SRCC = 0.5874 ] [SYS][ MSE = 0.0853 | LCC = 0.9793 | SRCC = 0.9316 ]
[Valid(teacher)][58][UTT][ GML = 0.207313 | AML = 0.449055 | MoV = 0.208383 | VoV = 0.001488 ] [SYS][ GML = 0.000000 | AML = 0.311799 | MoV = 0.002348 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=-0.23650005459785461
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.35 step/s]

[Valid(teacher)][59][UTT][ MSE = 0.5683 | LCC = 0.6243 | SRCC = 0.5874 ] [SYS][ MSE = 0.0848 | LCC = 0.9802 | SRCC = 0.9398 ]
[Valid(teacher)][59][UTT][ GML = 0.205230 | AML = 0.449420 | MoV = 0.206891 | VoV = 0.001467 ] [SYS][ GML = 0.000000 | AML = 0.272057 | MoV = 0.002336 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00,  4.14 step/s]
Average loss=-0.24411186575889587
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.11 step/s]

[Valid(teacher)][60][UTT][ MSE = 0.5863 | LCC = 0.6233 | SRCC = 0.5868 ] [SYS][ MSE = 0.1028 | LCC = 0.9808 | SRCC = 0.9405 ]
[Valid(teacher)][60][UTT][ GML = 0.191734 | AML = 0.444286 | MoV = 0.203812 | VoV = 0.001471 ] [SYS][ GML = 0.000000 | AML = 0.068262 | MoV = 0.002312 | VoV = 0.000003 ]
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, 196.42 step/s]

[Test(best)][61][UTT][ MSE = 0.6068 | LCC = 0.6335 | SRCC = 0.6024 ] [SYS][ MSE = 0.1304 | LCC = 0.9772 | SRCC = 0.9426 ]
[Test(best)][61][UTT][ GML = 0.208030 | AML = 0.439162 | MoV = 0.230335 | VoV = 0.001701 ] [SYS][ GML = 0.000000 | AML = 0.002148 | MoV = 0.001888 | VoV = 0.000002 ]
Test(last): 100% 4000/4000 [00:20<00:00, 199.47 step/s]

[Test(last)][61][UTT][ MSE = 0.5805 | LCC = 0.6250 | SRCC = 0.5919 ] [SYS][ MSE = 0.0969 | LCC = 0.9758 | SRCC = 0.9398 ]
[Test(last)][61][UTT][ GML = 0.195290 | AML = 0.455513 | MoV = 0.204235 | VoV = 0.001483 ] [SYS][ GML = 0.000000 | AML = 0.046811 | MoV = 0.001684 | VoV = 0.000002 ]
(lxygpu) [x_xlian@node002 ProMOSNet]$ client_loop: send disconnect: Broken pipe
lxy@Hope-Liang-MBA ProMOSNet %
```