```
(lxygpu) [x_xlian@node034 ProMOSNet]$ python train.py --lamb_c=0 --lamb_t=0 --save_path "run10/"
Loading all wav files.
100%|████████████████████████████████████████████████████████████████████████████████████████████████████████████████| 54040/54040 [08:30<00:00, 105.85it/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 [01:52<00:00, 26.59it/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 [02:33<00:00, 26.13it/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 [03:29<00:00,  4.03 step/s]
Average loss=6234.8837890625
Valid(teacher): 100% 3000/3000 [00:18<00:00, 161.92 step/s]

[Valid(teacher)][0][UTT][ MSE = 1.3425 | LCC = 0.4825 | SRCC = 0.4609 ] [SYS][ MSE = 1.0356 | LCC = 0.8009 | SRCC = 0.8332 ]
[Valid(teacher)][0][UTT][ GML = 0.153092 | AML = 0.270769 | MoV = 0.553448 | VoV = 0.008567 ] [SYS][ GML = 0.000000 | AML = 0.000001 | MoV = 0.006433 | VoV = 0.000028 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=0.24980197846889496
Valid(teacher): 100% 3000/3000 [00:17<00:00, 174.35 step/s]

[Valid(teacher)][1][UTT][ MSE = 0.9945 | LCC = 0.5539 | SRCC = 0.5288 ] [SYS][ MSE = 0.4816 | LCC = 0.8820 | SRCC = 0.8756 ]
[Valid(teacher)][1][UTT][ GML = 0.232049 | AML = 0.299024 | MoV = 0.672942 | VoV = 0.002768 ] [SYS][ GML = 0.000000 | AML = 0.054917 | MoV = 0.007719 | VoV = 0.000035 ]
Train: 100% 845/845 [03:25<00:00,  4.11 step/s]
Average loss=0.2049267441034317
Valid(teacher): 100% 3000/3000 [00:17<00:00, 173.98 step/s]

[Valid(teacher)][2][UTT][ MSE = 0.5446 | LCC = 0.5846 | SRCC = 0.5436 ] [SYS][ MSE = 0.0548 | LCC = 0.9337 | SRCC = 0.9056 ]
[Valid(teacher)][2][UTT][ GML = 0.328301 | AML = 0.382486 | MoV = 0.535378 | VoV = 0.003332 ] [SYS][ GML = 0.028217 | AML = 2.127489 | MoV = 0.006119 | VoV = 0.000021 ]
Train: 100% 845/845 [03:25<00:00,  4.12 step/s]
Average loss=0.17769353091716766
Valid(teacher): 100% 3000/3000 [00:17<00:00, 171.73 step/s]

[Valid(teacher)][3][UTT][ MSE = 0.6177 | LCC = 0.5845 | SRCC = 0.5403 ] [SYS][ MSE = 0.1535 | LCC = 0.9463 | SRCC = 0.9091 ]
[Valid(teacher)][3][UTT][ GML = 0.293555 | AML = 0.376917 | MoV = 0.480177 | VoV = 0.004541 ] [SYS][ GML = 0.000009 | AML = 0.622243 | MoV = 0.005505 | VoV = 0.000018 ]
Train: 100% 845/845 [03:25<00:00,  4.11 step/s]
Average loss=0.15812675654888153
Valid(teacher): 100% 3000/3000 [00:17<00:00, 175.27 step/s]

[Valid(teacher)][4][UTT][ MSE = 0.6855 | LCC = 0.5995 | SRCC = 0.5564 ] [SYS][ MSE = 0.2407 | LCC = 0.9578 | SRCC = 0.9207 ]
[Valid(teacher)][4][UTT][ GML = 0.272438 | AML = 0.367110 | MoV = 0.470199 | VoV = 0.004521 ] [SYS][ GML = 0.000000 | AML = 0.037526 | MoV = 0.005325 | VoV = 0.000015 ]
Train: 100% 845/845 [03:25<00:00,  4.11 step/s]
Average loss=0.14404229819774628
Valid(teacher): 100% 3000/3000 [00:17<00:00, 174.82 step/s]

[Valid(teacher)][5][UTT][ MSE = 0.7347 | LCC = 0.6020 | SRCC = 0.5584 ] [SYS][ MSE = 0.2916 | LCC = 0.9611 | SRCC = 0.9323 ]
[Valid(teacher)][5][UTT][ GML = 0.254053 | AML = 0.361239 | MoV = 0.455198 | VoV = 0.004797 ] [SYS][ GML = 0.000000 | AML = 0.004410 | MoV = 0.005173 | VoV = 0.000015 ]
Train: 100% 845/845 [03:25<00:00,  4.12 step/s]
Average loss=0.1261642426252365
Valid(teacher): 100% 3000/3000 [00:17<00:00, 171.85 step/s]

[Valid(teacher)][6][UTT][ MSE = 0.9316 | LCC = 0.6036 | SRCC = 0.5618 ] [SYS][ MSE = 0.5063 | LCC = 0.9641 | SRCC = 0.9337 ]
[Valid(teacher)][6][UTT][ GML = 0.193188 | AML = 0.330981 | MoV = 0.425030 | VoV = 0.005143 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004886 | VoV = 0.000015 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=0.11481745541095734
Valid(teacher): 100% 3000/3000 [00:17<00:00, 171.41 step/s]

[Valid(teacher)][7][UTT][ MSE = 1.1076 | LCC = 0.6050 | SRCC = 0.5650 ] [SYS][ MSE = 0.6950 | LCC = 0.9662 | SRCC = 0.9405 ]
[Valid(teacher)][7][UTT][ GML = 0.147171 | AML = 0.304381 | MoV = 0.401072 | VoV = 0.005283 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004645 | VoV = 0.000014 ]
Train: 100% 845/845 [03:25<00:00,  4.11 step/s]
Average loss=0.10387559980154037
Valid(teacher): 100% 3000/3000 [00:16<00:00, 178.41 step/s]

[Valid(teacher)][8][UTT][ MSE = 1.4251 | LCC = 0.6101 | SRCC = 0.5724 ] [SYS][ MSE = 1.0435 | LCC = 0.9692 | SRCC = 0.9378 ]
[Valid(teacher)][8][UTT][ GML = 0.088158 | AML = 0.257245 | MoV = 0.370989 | VoV = 0.005395 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004370 | VoV = 0.000014 ]
Train: 100% 845/845 [03:25<00:00,  4.12 step/s]
Average loss=0.09212251752614975
Valid(teacher): 100% 3000/3000 [00:17<00:00, 175.20 step/s]

[Valid(teacher)][9][UTT][ MSE = 1.6403 | LCC = 0.6137 | SRCC = 0.5773 ] [SYS][ MSE = 1.2728 | LCC = 0.9693 | SRCC = 0.9350 ]
[Valid(teacher)][9][UTT][ GML = 0.057781 | AML = 0.227123 | MoV = 0.349360 | VoV = 0.005671 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004162 | VoV = 0.000014 ]
Train: 100% 845/845 [03:25<00:00,  4.12 step/s]
Average loss=0.08022543635931015
Valid(teacher): 100% 3000/3000 [00:17<00:00, 170.64 step/s]

[Valid(teacher)][10][UTT][ MSE = 1.6193 | LCC = 0.6173 | SRCC = 0.5825 ] [SYS][ MSE = 1.2455 | LCC = 0.9673 | SRCC = 0.9385 ]
[Valid(teacher)][10][UTT][ GML = 0.057607 | AML = 0.229782 | MoV = 0.341829 | VoV = 0.005446 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004082 | VoV = 0.000013 ]
Train: 100% 845/845 [03:25<00:00,  4.12 step/s]
Average loss=0.06865864992141724
Valid(teacher): 100% 3000/3000 [00:17<00:00, 172.10 step/s]

[Valid(teacher)][11][UTT][ MSE = 1.6507 | LCC = 0.6225 | SRCC = 0.5896 ] [SYS][ MSE = 1.2806 | LCC = 0.9671 | SRCC = 0.9446 ]
[Valid(teacher)][11][UTT][ GML = 0.051710 | AML = 0.224737 | MoV = 0.331081 | VoV = 0.005501 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003968 | VoV = 0.000013 ]
Train: 100% 845/845 [03:24<00:00,  4.12 step/s]
Average loss=0.05680909380316734
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.08 step/s]

[Valid(teacher)][12][UTT][ MSE = 1.4748 | LCC = 0.6246 | SRCC = 0.5944 ] [SYS][ MSE = 1.0912 | LCC = 0.9650 | SRCC = 0.9385 ]
[Valid(teacher)][12][UTT][ GML = 0.069556 | AML = 0.250055 | MoV = 0.333288 | VoV = 0.005228 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003972 | VoV = 0.000012 ]
Train: 100% 845/845 [03:25<00:00,  4.12 step/s]
Average loss=0.048592459410429
Valid(teacher): 100% 3000/3000 [00:17<00:00, 174.19 step/s]

[Valid(teacher)][13][UTT][ MSE = 1.3039 | LCC = 0.6288 | SRCC = 0.5996 ] [SYS][ MSE = 0.9116 | LCC = 0.9655 | SRCC = 0.9330 ]
[Valid(teacher)][13][UTT][ GML = 0.090887 | AML = 0.276330 | MoV = 0.336055 | VoV = 0.005443 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003971 | VoV = 0.000012 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=0.029978781610727310
Valid(teacher): 100% 3000/3000 [00:17<00:00, 173.60 step/s]

[Valid(teacher)][14][UTT][ MSE = 1.2251 | LCC = 0.6291 | SRCC = 0.6022 ] [SYS][ MSE = 0.8238 | LCC = 0.9660 | SRCC = 0.9350 ]
[Valid(teacher)][14][UTT][ GML = 0.102809 | AML = 0.289806 | MoV = 0.334287 | VoV = 0.004986 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003926 | VoV = 0.000011 ]
Train: 100% 845/845 [03:25<00:00,  4.12 step/s]
Average loss=0.025859932398900986
Valid(teacher): 100% 3000/3000 [00:16<00:00, 176.71 step/s]

[Valid(teacher)][15][UTT][ MSE = 1.2695 | LCC = 0.6289 | SRCC = 0.6025 ] [SYS][ MSE = 0.8710 | LCC = 0.9655 | SRCC = 0.9357 ]
[Valid(teacher)][15][UTT][ GML = 0.092824 | AML = 0.282735 | MoV = 0.328700 | VoV = 0.005260 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003873 | VoV = 0.000011 ]
Train: 100% 845/845 [03:25<00:00,  4.12 step/s]
Average loss=0.015339110977947712
Valid(teacher): 100% 3000/3000 [00:17<00:00, 174.28 step/s]

[Valid(teacher)][16][UTT][ MSE = 1.3060 | LCC = 0.6289 | SRCC = 0.6035 ] [SYS][ MSE = 0.9130 | LCC = 0.9660 | SRCC = 0.9405 ]
[Valid(teacher)][16][UTT][ GML = 0.086229 | AML = 0.276758 | MoV = 0.324449 | VoV = 0.005146 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003830 | VoV = 0.000011 ]
Train: 100% 845/845 [03:26<00:00,  4.09 step/s]
Average loss=0.005670761689543724
Valid(teacher): 100% 3000/3000 [00:17<00:00, 171.16 step/s]

[Valid(teacher)][17][UTT][ MSE = 1.2046 | LCC = 0.6317 | SRCC = 0.6067 ] [SYS][ MSE = 0.8052 | LCC = 0.9692 | SRCC = 0.9439 ]
[Valid(teacher)][17][UTT][ GML = 0.102187 | AML = 0.293511 | MoV = 0.325127 | VoV = 0.004630 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003817 | VoV = 0.000010 ]
Train: 100% 845/845 [03:26<00:00,  4.09 step/s]
Average loss=-0.004938792437314987
Valid(teacher): 100% 3000/3000 [00:17<00:00, 171.33 step/s]

[Valid(teacher)][18][UTT][ MSE = 1.2651 | LCC = 0.6292 | SRCC = 0.6048 ] [SYS][ MSE = 0.8669 | LCC = 0.9695 | SRCC = 0.9467 ]
[Valid(teacher)][18][UTT][ GML = 0.087734 | AML = 0.283855 | MoV = 0.315268 | VoV = 0.004827 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003718 | VoV = 0.000010 ]
Train: 100% 845/845 [03:26<00:00,  4.09 step/s]
Average loss=-0.014197654090821743
Valid(teacher): 100% 3000/3000 [00:17<00:00, 169.39 step/s]

[Valid(teacher)][19][UTT][ MSE = 1.2828 | LCC = 0.6273 | SRCC = 0.6047 ] [SYS][ MSE = 0.8830 | LCC = 0.9699 | SRCC = 0.9501 ]
[Valid(teacher)][19][UTT][ GML = 0.082640 | AML = 0.281354 | MoV = 0.308723 | VoV = 0.004691 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003645 | VoV = 0.000010 ]
Train: 100% 845/845 [03:26<00:00,  4.09 step/s]
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Average loss=-0.02758211269974086
Valid(teacher): 100% 3000/3000 [00:16<00:00, 185.14 step/s]

[Valid(teacher)][20][UTT][ MSE = 1.1366 | LCC = 0.6305 | SRCC = 0.6069 ] [SYS][ MSE = 0.7202 | LCC = 0.9717 | SRCC = 0.9508 ]
[Valid(teacher)][20][UTT][ GML = 0.104906 | AML = 0.306330 | MoV = 0.309063 | VoV = 0.004494 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003616 | VoV = 0.000009 ]
Train: 100% 845/845 [03:26<00:00, 4.10 step/s]
Average loss=-0.0359819382429129
Valid(teacher): 100% 3000/3000 [00:17<00:00, 170.83 step/s]

[Valid(teacher)][21][UTT][ MSE = 1.0606 | LCC = 0.6336 | SRCC = 0.6102 ] [SYS][ MSE = 0.6381 | LCC = 0.9744 | SRCC = 0.9521 ]
[Valid(teacher)][21][UTT][ GML = 0.118707 | AML = 0.319754 | MoV = 0.308212 | VoV = 0.004300 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003592 | VoV = 0.000008 ]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=-0.04137615859085144
Valid(teacher): 100% 3000/3000 [00:17<00:00, 171.83 step/s]

[Valid(teacher)][22][UTT][ MSE = 1.0488 | LCC = 0.6325 | SRCC = 0.6087 ] [SYS][ MSE = 0.6232 | LCC = 0.9748 | SRCC = 0.9535 ]
[Valid(teacher)][22][UTT][ GML = 0.119678 | AML = 0.321972 | MoV = 0.305411 | VoV = 0.004113 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003555 | VoV = 0.000008 ]
Train: 100% 845/845 [03:26<00:00, 4.09 step/s]
Average loss=-0.05072309449315071
Valid(teacher): 100% 3000/3000 [00:17<00:00, 169.42 step/s]

[Valid(teacher)][23][UTT][ MSE = 1.0729 | LCC = 0.6321 | SRCC = 0.6090 ] [SYS][ MSE = 0.6491 | LCC = 0.9748 | SRCC = 0.9535 ]
[Valid(teacher)][23][UTT][ GML = 0.111470 | AML = 0.317934 | MoV = 0.298560 | VoV = 0.004023 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003483 | VoV = 0.000008 ]
Train: 100% 845/845 [03:26<00:00, 4.09 step/s]
Average loss=-0.06091457977890968
Valid(teacher): 100% 3000/3000 [00:17<00:00, 175.66 step/s]

[Valid(teacher)][24][UTT][ MSE = 1.1059 | LCC = 0.6312 | SRCC = 0.6083 ] [SYS][ MSE = 0.6791 | LCC = 0.9757 | SRCC = 0.9528 ]
[Valid(teacher)][24][UTT][ GML = 0.100996 | AML = 0.311789 | MoV = 0.291107 | VoV = 0.003991 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003407 | VoV = 0.000008 ]
Train: 100% 845/845 [03:26<00:00, 4.10 step/s]
Average loss=-0.07179880887269974
Valid(teacher): 100% 3000/3000 [00:17<00:00, 167.91 step/s]

[Valid(teacher)][25][UTT][ MSE = 0.9256 | LCC = 0.6357 | SRCC = 0.6099 ] [SYS][ MSE = 0.4857 | LCC = 0.9794 | SRCC = 0.9535 ]
[Valid(teacher)][25][UTT][ GML = 0.140794 | AML = 0.347172 | MoV = 0.293566 | VoV = 0.003538 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003398 | VoV = 0.000007 ]
Train: 100% 845/845 [03:27<00:00, 4.07 step/s]
Average loss=-0.08344820141792297
Valid(teacher): 100% 3000/3000 [00:17<00:00, 173.75 step/s]

[Valid(teacher)][26][UTT][ MSE = 1.0128 | LCC = 0.6303 | SRCC = 0.6068 ] [SYS][ MSE = 0.5751 | LCC = 0.9781 | SRCC = 0.9535 ]
[Valid(teacher)][26][UTT][ GML = 0.115860 | AML = 0.330603 | MoV = 0.284553 | VoV = 0.003460 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003308 | VoV = 0.000007 ]
Train: 100% 845/845 [03:26<00:00, 4.09 step/s]
Average loss=-0.08959927409887314
Valid(teacher): 100% 3000/3000 [00:17<00:00, 173.97 step/s]

[Valid(teacher)][27][UTT][ MSE = 0.9362 | LCC = 0.6324 | SRCC = 0.6082 ] [SYS][ MSE = 0.4908 | LCC = 0.9789 | SRCC = 0.9521 ]
[Valid(teacher)][27][UTT][ GML = 0.132125 | AML = 0.345471 | MoV = 0.282401 | VoV = 0.003230 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003262 | VoV = 0.000006 ]
Train: 100% 845/845 [03:26<00:00, 4.10 step/s]
Average loss=-0.09472533315420151
Valid(teacher): 100% 3000/3000 [00:17<00:00, 168.78 step/s]

[Valid(teacher)][28][UTT][ MSE = 0.8245 | LCC = 0.6340 | SRCC = 0.6087 ] [SYS][ MSE = 0.3666 | LCC = 0.9810 | SRCC = 0.9535 ]
[Valid(teacher)][28][UTT][ GML = 0.164089 | AML = 0.369629 | MoV = 0.284312 | VoV = 0.003057 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003259 | VoV = 0.000006 ]
Train: 100% 845/845 [03:25<00:00, 4.10 step/s]
Average loss=-0.11106317490339279
Valid(teacher): 100% 3000/3000 [00:18<00:00, 166.38 step/s]

[Valid(teacher)][29][UTT][ MSE = 0.7927 | LCC = 0.6346 | SRCC = 0.6088 ] [SYS][ MSE = 0.3328 | LCC = 0.9812 | SRCC = 0.9515 ]
[Valid(teacher)][29][UTT][ GML = 0.170916 | AML = 0.377693 | MoV = 0.279227 | VoV = 0.002944 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003195 | VoV = 0.000006 ]
Train: 100% 845/845 [03:26<00:00, 4.09 step/s]
Average loss=-0.11663002520799637
Valid(teacher): 100% 3000/3000 [00:17<00:00, 174.69 step/s]

[Valid(teacher)][30][UTT][ MSE = 0.7757 | LCC = 0.6354 | SRCC = 0.6091 ] [SYS][ MSE = 0.3162 | LCC = 0.9823 | SRCC = 0.9556 ]
[Valid(teacher)][30][UTT][ GML = 0.175456 | AML = 0.381414 | MoV = 0.277568 | VoV = 0.002911 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003171 | VoV = 0.000006 ]
Train: 100% 845/845 [03:25<00:00, 4.10 step/s]
Average loss=-0.1207142099738121
Valid(teacher): 100% 3000/3000 [00:17<00:00, 169.87 step/s]

[Valid(teacher)][31][UTT][ MSE = 0.7364 | LCC = 0.6362 | SRCC = 0.6087 ] [SYS][ MSE = 0.2706 | LCC = 0.9823 | SRCC = 0.9508 ]
[Valid(teacher)][31][UTT][ GML = 0.187952 | AML = 0.391121 | MoV = 0.275927 | VoV = 0.002782 ] [SYS][ GML = 0.000000 | AML = 0.000006 | MoV = 0.003140 | VoV = 0.000005 ]
Train: 100% 845/845 [03:26<00:00, 4.09 step/s]
Average loss=-0.12869958579540253
Valid(teacher): 100% 3000/3000 [00:17<00:00, 174.28 step/s]

[Valid(teacher)][32][UTT][ MSE = 0.7289 | LCC = 0.6353 | SRCC = 0.6075 ] [SYS][ MSE = 0.2627 | LCC = 0.9814 | SRCC = 0.9501 ]
[Valid(teacher)][32][UTT][ GML = 0.189234 | AML = 0.393240 | MoV = 0.275102 | VoV = 0.002857 ] [SYS][ GML = 0.000000 | AML = 0.000021 | MoV = 0.003133 | VoV = 0.000005 ]
Train: 100% 845/845 [03:26<00:00, 4.08 step/s]
Average loss=-0.1346835196018219
Valid(teacher): 100% 3000/3000 [00:17<00:00, 169.80 step/s]

[Valid(teacher)][33][UTT][ MSE = 0.7147 | LCC = 0.6343 | SRCC = 0.6057 ] [SYS][ MSE = 0.2438 | LCC = 0.9806 | SRCC = 0.9515 ]
[Valid(teacher)][33][UTT][ GML = 0.192013 | AML = 0.397442 | MoV = 0.273116 | VoV = 0.002919 ] [SYS][ GML = 0.000000 | AML = 0.000081 | MoV = 0.003109 | VoV = 0.000005 ]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=-0.13882742822170258
Valid(teacher): 100% 3000/3000 [00:17<00:00, 173.85 step/s]

[Valid(teacher)][34][UTT][ MSE = 0.6951 | LCC = 0.6345 | SRCC = 0.6061 ] [SYS][ MSE = 0.2220 | LCC = 0.9805 | SRCC = 0.9412 ]
[Valid(teacher)][34][UTT][ GML = 0.198226 | AML = 0.401842 | MoV = 0.272186 | VoV = 0.002921 ] [SYS][ GML = 0.000000 | AML = 0.000307 | MoV = 0.003098 | VoV = 0.000005 ]
Train: 100% 845/845 [03:26<00:00, 4.10 step/s]
Average loss=-0.14906641840934753
Valid(teacher): 100% 3000/3000 [00:16<00:00, 178.64 step/s]

[Valid(teacher)][35][UTT][ MSE = 0.6835 | LCC = 0.6351 | SRCC = 0.6072 ] [SYS][ MSE = 0.2077 | LCC = 0.9809 | SRCC = 0.9480 ]
[Valid(teacher)][35][UTT][ GML = 0.200667 | AML = 0.405179 | MoV = 0.268830 | VoV = 0.002815 ] [SYS][ GML = 0.000000 | AML = 0.001365 | MoV = 0.003055 | VoV = 0.000005 ]
Train: 100% 845/845 [03:26<00:00, 4.09 step/s]
Average loss=-0.15228202939033508
Valid(teacher): 100% 3000/3000 [00:17<00:00, 169.46 step/s]

[Valid(teacher)][36][UTT][ MSE = 0.6848 | LCC = 0.6351 | SRCC = 0.6072 ] [SYS][ MSE = 0.2082 | LCC = 0.9807 | SRCC = 0.9398 ]
[Valid(teacher)][36][UTT][ GML = 0.197684 | AML = 0.405139 | MoV = 0.265877 | VoV = 0.002845 ] [SYS][ GML = 0.000000 | AML = 0.000693 | MoV = 0.003023 | VoV = 0.000005 ]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=-0.16422545909881592
Valid(teacher): 100% 3000/3000 [00:17<00:00, 172.46 step/s]

[Valid(teacher)][37][UTT][ MSE = 0.7191 | LCC = 0.6332 | SRCC = 0.6062 ] [SYS][ MSE = 0.2434 | LCC = 0.9815 | SRCC = 0.9446 ]
[Valid(teacher)][37][UTT][ GML = 0.180361 | AML = 0.397420 | MoV = 0.261283 | VoV = 0.002893 ] [SYS][ GML = 0.000000 | AML = 0.000031 | MoV = 0.002984 | VoV = 0.000005 ]
Train: 100% 845/845 [03:25<00:00, 4.10 step/s]
Average loss=-0.17276164889335632
Valid(teacher): 100% 3000/3000 [00:16<00:00, 177.25 step/s]

[Valid(teacher)][38][UTT][ MSE = 0.6765 | LCC = 0.6326 | SRCC = 0.6046 ] [SYS][ MSE = 0.1909 | LCC = 0.9807 | SRCC = 0.9439 ]
[Valid(teacher)][38][UTT][ GML = 0.196660 | AML = 0.409237 | MoV = 0.260976 | VoV = 0.002799 ] [SYS][ GML = 0.000000 | AML = 0.004186 | MoV = 0.002965 | VoV = 0.000005 ]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=-0.1788519322872162
Valid(teacher): 100% 3000/3000 [00:17<00:00, 175.81 step/s]

[Valid(teacher)][39][UTT][ MSE = 0.6042 | LCC = 0.6335 | SRCC = 0.6039 ] [SYS][ MSE = 0.1116 | LCC = 0.9804 | SRCC = 0.9350 ]
[Valid(teacher)][39][UTT][ GML = 0.231944 | AML = 0.428117 | MoV = 0.263556 | VoV = 0.002585 ] [SYS][ GML = 0.000000 | AML = 0.232768 | MoV = 0.002966 | VoV = 0.000004 ]
Train: 100% 845/845 [03:26<00:00, 4.10 step/s]
Average loss=-0.1855381280183792
Valid(teacher): 100% 3000/3000 [00:16<00:00, 181.37 step/s]

[Valid(teacher)][40][UTT][ MSE = 0.6504 | LCC = 0.6310 | SRCC = 0.6025 ] [SYS][ MSE = 0.1610 | LCC = 0.9808 | SRCC = 0.9350 ]
[Valid(teacher)][40][UTT][ GML = 0.204727 | AML = 0.416441 | MoV = 0.257956 | VoV = 0.002865 ] [SYS][ GML = 0.000000 | AML = 0.022610 | MoV = 0.002933 | VoV = 0.000005 ]
Train: 100% 845/845 [03:26<00:00, 4.08 step/s]
Average loss=-0.18915963172912598
Valid(teacher): 100% 3000/3000 [00:17<00:00, 169.61 step/s]

[Valid(teacher)][41][UTT][ MSE = 0.6398 | LCC = 0.6326 | SRCC = 0.6039 ] [SYS][ MSE = 0.1471 | LCC = 0.9792 | SRCC = 0.9357 ]
[Valid(teacher)][41][UTT][ GML = 0.205796 | AML = 0.419846 | MoV = 0.255289 | VoV = 0.002905 ] [SYS][ GML = 0.000000 | AML = 0.068016 | MoV = 0.002911 | VoV = 0.000005 ]
Train: 100% 845/845 [03:26<00:00, 4.10 step/s]
Average loss=-0.19564476609230042
Valid(teacher): 100% 3000/3000 [00:17<00:00, 170.69 step/s]

[Valid(teacher)][42][UTT][ MSE = 0.6072 | LCC = 0.6345 | SRCC = 0.6049 ] [SYS][ MSE = 0.1132 | LCC = 0.9795 | SRCC = 0.9344 ]
[Valid(teacher)][42][UTT][ GML = 0.220038 | AML = 0.429160 | MoV = 0.252927 | VoV = 0.002633 ] [SYS][ GML = 0.000000 | AML = 0.229042 | MoV = 0.002869 | VoV = 0.000004 ]
Train: 100% 845/845 [03:27<00:00, 4.08 step/s]
Average loss=-0.2029554396867752
Valid(teacher): 100% 3000/3000 [00:16<00:00, 186.05 step/s]

[Valid(teacher)][43][UTT][ MSE = 0.6112 | LCC = 0.6344 | SRCC = 0.6055 ] [SYS][ MSE = 0.1171 | LCC = 0.9799 | SRCC = 0.9385 ]
[Valid(teacher)][43][UTT][ GML = 0.215176 | AML = 0.429813 | MoV = 0.249496 | VoV = 0.002590 ] [SYS][ GML = 0.000000 | AML = 0.168919 | MoV = 0.002828 | VoV = 0.000004 ]
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Train: 100% 845/845 [03:26<00:00,  4.10 step/s]
Average loss=-0.21006399393081665
Valid(teacher): 100% 3000/3000 [00:17<00:00, 170.09 step/s]

[Valid(teacher)][44][UTT][ MSE = 0.5945 | LCC = 0.6350 | SRCC = 0.6055 ] [SYS][ MSE = 0.0976 | LCC = 0.9802 | SRCC = 0.9385 ]
[Valid(teacher)][44][UTT][ GML = 0.222573 | AML = 0.434195 | MoV = 0.248596 | VoV = 0.002507 ] [SYS][ GML = 0.000000 | AML = 0.303879 | MoV = 0.002809 | VoV = 0.000004 ]
Train: 100% 845/845 [03:26<00:00,  4.09 step/s]
Average loss=-0.2124786376953125
Valid(teacher): 100% 3000/3000 [00:17<00:00, 168.52 step/s]

[Valid(teacher)][45][UTT][ MSE = 0.5768 | LCC = 0.6344 | SRCC = 0.6047 ] [SYS][ MSE = 0.0793 | LCC = 0.9798 | SRCC = 0.9344 ]
[Valid(teacher)][45][UTT][ GML = 0.232190 | AML = 0.439713 | MoV = 0.248023 | VoV = 0.002406 ] [SYS][ GML = 0.000000 | AML = 0.510247 | MoV = 0.002788 | VoV = 0.000004 ]
Train: 100% 845/845 [03:26<00:00,  4.09 step/s]
Average loss=-0.2166218576293945
Valid(teacher): 100% 3000/3000 [00:17<00:00, 169.18 step/s]

[Valid(teacher)][46][UTT][ MSE = 0.5899 | LCC = 0.6336 | SRCC = 0.6044 ] [SYS][ MSE = 0.0936 | LCC = 0.9801 | SRCC = 0.9350 ]
[Valid(teacher)][46][UTT][ GML = 0.223367 | AML = 0.435685 | MoV = 0.245783 | VoV = 0.002460 ] [SYS][ GML = 0.000000 | AML = 0.287741 | MoV = 0.002772 | VoV = 0.000004 ]
Train: 100% 845/845 [03:26<00:00,  4.09 step/s]
Average loss=-0.22750940918922424
Valid(teacher): 100% 3000/3000 [00:17<00:00, 173.55 step/s]

[Valid(teacher)][47][UTT][ MSE = 0.5914 | LCC = 0.6341 | SRCC = 0.6055 ] [SYS][ MSE = 0.0925 | LCC = 0.9809 | SRCC = 0.9378 ]
[Valid(teacher)][47][UTT][ GML = 0.220839 | AML = 0.435683 | MoV = 0.244655 | VoV = 0.002584 ] [SYS][ GML = 0.000000 | AML = 0.293955 | MoV = 0.002766 | VoV = 0.000004 ]
Train: 100% 845/845 [03:26<00:00,  4.09 step/s]
Average loss=-0.23602677881717682
Valid(teacher): 100% 3000/3000 [00:16<00:00, 177.21 step/s]

[Valid(teacher)][48][UTT][ MSE = 0.5718 | LCC = 0.6350 | SRCC = 0.6060 ] [SYS][ MSE = 0.0726 | LCC = 0.9804 | SRCC = 0.9357 ]
[Valid(teacher)][48][UTT][ GML = 0.229528 | AML = 0.442207 | MoV = 0.242896 | VoV = 0.002498 ] [SYS][ GML = 0.000000 | AML = 0.550136 | MoV = 0.002739 | VoV = 0.000004 ]
Train: 100% 845/845 [03:26<00:00,  4.10 step/s]
Average loss=-0.24045082926750183
Valid(teacher): 100% 3000/3000 [00:17<00:00, 172.75 step/s]

[Valid(teacher)][49][UTT][ MSE = 0.5415 | LCC = 0.6358 | SRCC = 0.6074 ] [SYS][ MSE = 0.0415 | LCC = 0.9784 | SRCC = 0.9323 ]
[Valid(teacher)][49][UTT][ GML = 0.247833 | AML = 0.450959 | MoV = 0.242422 | VoV = 0.002357 ] [SYS][ GML = 0.000717 | AML = 1.928664 | MoV = 0.002718 | VoV = 0.000004 ]
Train: 100% 845/845 [03:26<00:00,  4.10 step/s]
Average loss=-0.24438269436359406
Valid(teacher): 100% 3000/3000 [00:17<00:00, 172.60 step/s]

[Valid(teacher)][50][UTT][ MSE = 0.5651 | LCC = 0.6348 | SRCC = 0.6068 ] [SYS][ MSE = 0.0616 | LCC = 0.9802 | SRCC = 0.9398 ]
[Valid(teacher)][50][UTT][ GML = 0.231079 | AML = 0.444893 | MoV = 0.240174 | VoV = 0.002460 ] [SYS][ GML = 0.000005 | AML = 0.744786 | MoV = 0.002713 | VoV = 0.000004 ]
Train: 100% 845/845 [03:26<00:00,  4.09 step/s]
Average loss=-0.25360313057899475
Valid(teacher): 100% 3000/3000 [00:18<00:00, 162.46 step/s]

[Valid(teacher)][51][UTT][ MSE = 0.5550 | LCC = 0.6330 | SRCC = 0.6053 ] [SYS][ MSE = 0.0480 | LCC = 0.9784 | SRCC = 0.9337 ]
[Valid(teacher)][51][UTT][ GML = 0.235418 | AML = 0.448962 | MoV = 0.237444 | VoV = 0.002321 ] [SYS][ GML = 0.000111 | AML = 1.570344 | MoV = 0.002669 | VoV = 0.000004 ]
Train: 100% 845/845 [03:26<00:00,  4.09 step/s]
Average loss=-0.24882151186466217
Valid(teacher): 100% 3000/3000 [00:17<00:00, 168.74 step/s]

[Valid(teacher)][52][UTT][ MSE = 0.5619 | LCC = 0.6342 | SRCC = 0.6063 ] [SYS][ MSE = 0.0572 | LCC = 0.9798 | SRCC = 0.9344 ]
[Valid(teacher)][52][UTT][ GML = 0.230077 | AML = 0.447029 | MoV = 0.237391 | VoV = 0.002453 ] [SYS][ GML = 0.000012 | AML = 0.946031 | MoV = 0.002676 | VoV = 0.000004 ]
Train: 100% 845/845 [03:26<00:00,  4.08 step/s]
Average loss=-0.254412978887558
Valid(teacher): 100% 3000/3000 [00:16<00:00, 179.57 step/s]

[Valid(teacher)][53][UTT][ MSE = 0.5622 | LCC = 0.6359 | SRCC = 0.6073 ] [SYS][ MSE = 0.0617 | LCC = 0.9810 | SRCC = 0.9364 ]
[Valid(teacher)][53][UTT][ GML = 0.228763 | AML = 0.446935 | MoV = 0.235519 | VoV = 0.002380 ] [SYS][ GML = 0.000004 | AML = 0.740702 | MoV = 0.002653 | VoV = 0.000004 ]
Train: 100% 845/845 [03:26<00:00,  4.09 step/s]
Average loss=-0.26537805795669556
Valid(teacher): 100% 3000/3000 [00:17<00:00, 175.23 step/s]

[Valid(teacher)][54][UTT][ MSE = 0.5680 | LCC = 0.6347 | SRCC = 0.6060 ] [SYS][ MSE = 0.0674 | LCC = 0.9810 | SRCC = 0.9398 ]
[Valid(teacher)][54][UTT][ GML = 0.223235 | AML = 0.445522 | MoV = 0.233068 | VoV = 0.002341 ] [SYS][ GML = 0.000001 | AML = 0.567890 | MoV = 0.002630 | VoV = 0.000004 ]
Train: 100% 845/845 [03:26<00:00,  4.08 step/s]
Average loss=-0.2733341025352478
Valid(teacher): 100% 3000/3000 [00:17<00:00, 174.46 step/s]

[Valid(teacher)][55][UTT][ MSE = 0.5610 | LCC = 0.6339 | SRCC = 0.6046 ] [SYS][ MSE = 0.0624 | LCC = 0.9803 | SRCC = 0.9357 ]
[Valid(teacher)][55][UTT][ GML = 0.225024 | AML = 0.448974 | MoV = 0.230565 | VoV = 0.002271 ] [SYS][ GML = 0.000003 | AML = 0.800274 | MoV = 0.002597 | VoV = 0.000004 ]
Train: 100% 845/845 [03:25<00:00,  4.10 step/s]
Average loss=-0.27547600865364075
Valid(teacher): 100% 3000/3000 [00:16<00:00, 176.69 step/s]

[Valid(teacher)][56][UTT][ MSE = 0.5359 | LCC = 0.6352 | SRCC = 0.6064 ] [SYS][ MSE = 0.0347 | LCC = 0.9785 | SRCC = 0.9323 ]
[Valid(teacher)][56][UTT][ GML = 0.240098 | AML = 0.457888 | MoV = 0.230037 | VoV = 0.002211 ] [SYS][ GML = 0.002302 | AML = 2.601493 | MoV = 0.002567 | VoV = 0.000003 ]
Train: 100% 845/845 [03:25<00:00,  4.10 step/s]
Average loss=-0.27798476815223694
Valid(teacher): 100% 3000/3000 [00:18<00:00, 165.12 step/s]

[Valid(teacher)][57][UTT][ MSE = 0.5388 | LCC = 0.6357 | SRCC = 0.6062 ] [SYS][ MSE = 0.0400 | LCC = 0.9793 | SRCC = 0.9378 ]
[Valid(teacher)][57][UTT][ GML = 0.238118 | AML = 0.457221 | MoV = 0.229443 | VoV = 0.002198 ] [SYS][ GML = 0.000687 | AML = 2.392141 | MoV = 0.002567 | VoV = 0.000003 ]
Train: 100% 845/845 [03:25<00:00,  4.10 step/s]
Average loss=-0.2864968478679657
Valid(teacher): 100% 3000/3000 [00:17<00:00, 174.05 step/s]

[Valid(teacher)][58][UTT][ MSE = 0.5272 | LCC = 0.6356 | SRCC = 0.6059 ] [SYS][ MSE = 0.0282 | LCC = 0.9786 | SRCC = 0.9357 ]
[Valid(teacher)][58][UTT][ GML = 0.245685 | AML = 0.461913 | MoV = 0.227831 | VoV = 0.002019 ] [SYS][ GML = 0.012878 | AML = 3.070960 | MoV = 0.002543 | VoV = 0.000003 ]
Train: 100% 845/845 [03:26<00:00,  4.09 step/s]
Average loss=-0.28194931149482727
Valid(teacher): 100% 3000/3000 [00:17<00:00, 170.98 step/s]

[Valid(teacher)][59][UTT][ MSE = 0.5304 | LCC = 0.6350 | SRCC = 0.6042 ] [SYS][ MSE = 0.0335 | LCC = 0.9789 | SRCC = 0.9378 ]
[Valid(teacher)][59][UTT][ GML = 0.241317 | AML = 0.460570 | MoV = 0.225126 | VoV = 0.001966 ] [SYS][ GML = 0.003134 | AML = 2.899682 | MoV = 0.002519 | VoV = 0.000003 ]
Train: 100% 845/845 [03:25<00:00,  4.11 step/s]
Average loss=-0.2944051623344214
Valid(teacher): 100% 3000/3000 [00:17<00:00, 171.19 step/s]

[Valid(teacher)][60][UTT][ MSE = 0.5273 | LCC = 0.6363 | SRCC = 0.6055 ] [SYS][ MSE = 0.0328 | LCC = 0.9798 | SRCC = 0.9357 ]
[Valid(teacher)][60][UTT][ GML = 0.240161 | AML = 0.462676 | MoV = 0.222021 | VoV = 0.001933 ] [SYS][ GML = 0.003208 | AML = 2.886265 | MoV = 0.002483 | 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 [00:24<00:00, 166.44 step/s]

[Test(best)][61][UTT][ MSE = 0.5299 | LCC = 0.6374 | SRCC = 0.6037 ] [SYS][ MSE = 0.0354 | LCC = 0.9726 | SRCC = 0.9672 ]
[Test(best)][61][UTT][ GML = 0.239729 | AML = 0.467821 | MoV = 0.223298 | VoV = 0.002013 ] [SYS][ GML = 0.000612 | AML = 3.411149 | MoV = 0.001822 | VoV = 0.000002 ]
Test(last): 100% 4000/4000 [00:21<00:00, 183.58 step/s]

[Test(last)][61][UTT][ MSE = 0.5299 | LCC = 0.6374 | SRCC = 0.6037 ] [SYS][ MSE = 0.0354 | LCC = 0.9726 | SRCC = 0.9672 ]
[Test(last)][61][UTT][ GML = 0.239729 | AML = 0.467821 | MoV = 0.223298 | VoV = 0.002013 ] [SYS][ GML = 0.000612 | AML = 3.411146 | MoV = 0.001822 | VoV = 0.000002 ]
(lxygpu) [x_xlian@node034 ProMOSNet]$ client_loop: send disconnect: Broken pipe
lxy@Hope-Liang-MBA ProMOSNet %
```