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xgboost [x_xliangnode#050] python train.py --lambda_c=0.0 --save_path "runs/c0-t5e-1/run5"
Loading all wav files.
100%|██████████████████████████████████████████████████████████████████████████████| 54040/54040 [07:44<00:00, 116.46it/s]
/proj/jhorse_2021/users/x_xliang/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 [01:56<00:00, 25.81it/s]
/proj/jhorse_2021/users/x_xliang/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 [02:42<00:00, 24.63it/s]
/proj/jhorse_2021/users/x_xliang/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 [04:33<00:00, 3.09 step/s]
Average loss=0.189906.59375
Valid(teacher): 100% 3000/3000 [00:22<00:00, 135.61 step/s]

[Valid(teacher)][0][UTTT][ MSE = 2.6410 | LCC = 0.5143 | SRCC = 0.4860 ] [SYS][ MSE = 2.3864 | LCC = 0.8769 | SRCC = 0.8564 ]
[Valid(teacher)][0][UTTT][ GML = 0.004739 | AML = 0.135529 | MoV = 0.336619 | VoV = 0.017432 ] [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004167 | VoV = 0.000021 ]
Train: 100% 845/845 [04:37<00:00, 3.05 step/s]
Average loss=0.36576512455940247
Valid(teacher): 100% 3000/3000 [00:20<00:00, 144.09 step/s]

[Valid(teacher)][1][UTTT][ MSE = 1.2499 | LCC = 0.5580 | SRCC = 0.5211 ] [SYS][ MSE = 0.8647 | LCC = 0.9099 | SRCC = 0.8564 ]
[Valid(teacher)][1][UTTT][ GML = 0.105932 | AML = 0.275020 | MoV = 0.454655 | VoV = 0.016594 ] [SYS][ GML = 0.000000 | AML = 0.000052 | MoV = 0.005459 | VoV = 0.000027 ]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=0.3088317811489105
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.05 step/s]

[Valid(teacher)][2][UTTT][ MSE = 0.5822 | LCC = 0.5874 | SRCC = 0.5475 ] [SYS][ MSE = 0.1305 | LCC = 0.9381 | SRCC = 0.8715 ]
[Valid(teacher)][2][UTTT][ GML = 0.311917 | AML = 0.375374 | MoV = 0.531894 | VoV = 0.005712 ] [SYS][ GML = 0.000087 | AML = 0.719411 | MoV = 0.006101 | VoV = 0.000022 ]
Train: 100% 845/845 [03:51<00:00, 3.66 step/s]
Average loss=0.267831981820984
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.85 step/s]

[Valid(teacher)][3][UTTT][ MSE = 0.5048 | LCC = 0.6166 | SRCC = 0.5738 ] [SYS][ MSE = 0.0563 | LCC = 0.9512 | SRCC = 0.8694 ]
[Valid(teacher)][3][UTTT][ GML = 0.338833 | AML = 0.395364 | MoV = 0.512978 | VoV = 0.005431 ] [SYS][ GML = 0.045898 | AML = 1.453755 | MoV = 0.005795 | VoV = 0.000018 ]
Train: 100% 845/845 [04:17<00:00, 3.28 step/s]
Average loss=0.2374640703201294
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.65 step/s]

[Valid(teacher)][4][UTTT][ MSE = 0.5402 | LCC = 0.6204 | SRCC = 0.5770 ] [SYS][ MSE = 0.0987 | LCC = 0.9632 | SRCC = 0.9050 ]
[Valid(teacher)][4][UTTT][ GML = 0.326373 | AML = 0.395975 | MoV = 0.475151 | VoV = 0.003867 ] [SYS][ GML = 0.000583 | AML = 1.368887 | MoV = 0.005323 | VoV = 0.000014 ]
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]
Average loss=0.21537157893180847
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.47 step/s]

[Valid(teacher)][5][UTTT][ MSE = 0.5441 | LCC = 0.6262 | SRCC = 0.5843 ] [SYS][ MSE = 0.1110 | LCC = 0.9624 | SRCC = 0.9002 ]
[Valid(teacher)][5][UTTT][ GML = 0.324132 | AML = 0.395808 | MoV = 0.471696 | VoV = 0.004406 ] [SYS][ GML = 0.000137 | AML = 1.034496 | MoV = 0.005301 | VoV = 0.000014 ]
Train: 100% 845/845 [06:13<00:00, 2.26 step/s]
Average loss=0.19662483036518097
Valid(teacher): 100% 3000/3000 [00:25<00:00, 118.48 step/s]

[Valid(teacher)][6][UTTT][ MSE = 0.5540 | LCC = 0.6315 | SRCC = 0.5902 ] [SYS][ MSE = 0.1248 | LCC = 0.9652 | SRCC = 0.9132 ]
[Valid(teacher)][6][UTTT][ GML = 0.319716 | AML = 0.396426 | MoV = 0.460151 | VoV = 0.004384 ] [SYS][ GML = 0.000016 | AML = 0.623908 | MoV = 0.005172 | VoV = 0.000013 ]
Train: 100% 845/845 [03:36<00:00, 3.90 step/s]
Average loss=0.180136109638214
Valid(teacher): 100% 3000/3000 [00:15<00:00, 187.94 step/s]

[Valid(teacher)][7][UTTT][ MSE = 0.6515 | LCC = 0.6292 | SRCC = 0.5897 ] [SYS][ MSE = 0.2320 | LCC = 0.9672 | SRCC = 0.9091 ]
[Valid(teacher)][7][UTTT][ GML = 0.282445 | AML = 0.382238 | MoV = 0.433755 | VoV = 0.004454 ] [SYS][ GML = 0.000000 | AML = 0.020564 | MoV = 0.004918 | VoV = 0.000013 ]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=0.1617007702589035
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.23 step/s]

[Valid(teacher)][8][UTTT][ MSE = 0.7221 | LCC = 0.6290 | SRCC = 0.5913 ] [SYS][ MSE = 0.3086 | LCC = 0.9689 | SRCC = 0.9179 ]
[Valid(teacher)][8][UTTT][ GML = 0.256491 | AML = 0.371235 | MoV = 0.417467 | VoV = 0.004328 ] [SYS][ GML = 0.000000 | AML = 0.000427 | MoV = 0.004764 | VoV = 0.000013 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=0.14606016874313354
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.95 step/s]

[Valid(teacher)][9][UTTT][ MSE = 0.7146 | LCC = 0.6310 | SRCC = 0.5942 ] [SYS][ MSE = 0.2994 | LCC = 0.9702 | SRCC = 0.9104 ]
[Valid(teacher)][9][UTTT][ GML = 0.258156 | AML = 0.373418 | MoV = 0.412399 | VoV = 0.003905 ] [SYS][ GML = 0.000000 | AML = 0.000493 | MoV = 0.004699 | VoV = 0.000012 ]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=0.12862160801887512
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.11 step/s]

[Valid(teacher)][10][UTTT][ MSE = 0.7627 | LCC = 0.6291 | SRCC = 0.5936 ] [SYS][ MSE = 0.3476 | LCC = 0.9711 | SRCC = 0.9145 ]
[Valid(teacher)][10][UTTT][ GML = 0.239671 | AML = 0.366150 | MoV = 0.399749 | VoV = 0.003911 ] [SYS][ GML = 0.000000 | AML = 0.000019 | MoV = 0.004565 | VoV = 0.000011 ]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=0.11346717170821564
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.11 step/s]

[Valid(teacher)][11][UTTT][ MSE = 0.7226 | LCC = 0.6334 | SRCC = 0.5992 ] [SYS][ MSE = 0.3049 | LCC = 0.9728 | SRCC = 0.9214 ]
[Valid(teacher)][11][UTTT][ GML = 0.252331 | AML = 0.374222 | MoV = 0.39
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Average loss=-0.006265989039093256
Valid(teacher): 100% 3000/3000 [00:20<00:00, 147.98 step/s]

[Valid(teacher)][20][UTT][MSE = 0.6243 | LCC = 0.6309 | SRCC = 0.5985 | [SYS][MSE = 0.1691 | LCC = 0.9772 | SRCC = 0.9337]
[Valid(teacher)][20][UTT][GML = 0.275328 | AML = 0.404323 | MoV = 0.357405 | VoV = 0.002324] [SYS][GML = 0.000000 | AML = 0.008484 | MoV = 0.003966 | VoV = 0.000006]
Train: 100% 845/845 [04:02<00:00, 3.48 step/s]
Average loss=-0.02530291117277565
Valid(teacher): 100% 3000/3000 [00:19<00:00, 155.92 step/s]

[Valid(teacher)][21][UTT][MSE = 0.6194 | LCC = 0.6306 | SRCC = 0.5988 | [SYS][MSE = 0.1633 | LCC = 0.9770 | SRCC = 0.9323]
[Valid(teacher)][21][UTT][GML = 0.275426 | AML = 0.406734 | MoV = 0.350886 | VoV = 0.002281] [SYS][GML = 0.000000 | AML = 0.010961 | MoV = 0.003886 | VoV = 0.000006]
Train: 100% 845/845 [03:46<00:00, 3.73 step/s]
Average loss=-0.036910802125930786
Valid(teacher): 100% 3000/3000 [00:22<00:00, 134.50 step/s]

[Valid(teacher)][22][UTT][MSE = 0.6134 | LCC = 0.6300 | SRCC = 0.5978 | [SYS][MSE = 0.1530 | LCC = 0.9784 | SRCC = 0.9316]
[Valid(teacher)][22][UTT][GML = 0.276290 | AML = 0.409058 | MoV = 0.346719 | VoV = 0.002247] [SYS][GML = 0.000000 | AML = 0.014426 | MoV = 0.003842 | VoV = 0.000006]
Train: 100% 845/845 [06:31<00:00, 2.16 step/s]
Average loss=-0.042976442724466324
Valid(teacher): 100% 3000/3000 [00:20<00:00, 144.93 step/s]

[Valid(teacher)][23][UTT][MSE = 0.6064 | LCC = 0.6309 | SRCC = 0.5997 | [SYS][MSE = 0.1431 | LCC = 0.9787 | SRCC = 0.9350]
[Valid(teacher)][23][UTT][GML = 0.277949 | AML = 0.411592 | MoV = 0.343589 | VoV = 0.002263] [SYS][GML = 0.000000 | AML = 0.021950 | MoV = 0.003802 | VoV = 0.000006]
Train: 100% 845/845 [05:49<00:00, 2.42 step/s]
Average loss=-0.06001084907054901
Valid(teacher): 100% 3000/3000 [00:20<00:00, 149.22 step/s]

[Valid(teacher)][24][UTT][MSE = 0.6029 | LCC = 0.6313 | SRCC = 0.6009 | [SYS][MSE = 0.1381 | LCC = 0.9790 | SRCC = 0.9378]
[Valid(teacher)][24][UTT][GML = 0.277601 | AML = 0.413061 | MoV = 0.338441 | VoV = 0.002208] [SYS][GML = 0.000000 | AML = 0.029040 | MoV = 0.003742 | VoV = 0.000006]
Train: 100% 845/845 [05:48<00:00, 2.42 step/s]
Average loss=-0.07267097383737564
Valid(teacher): 100% 3000/3000 [00:16<00:00, 186.31 step/s]

[Valid(teacher)][25][UTT][MSE = 0.6279 | LCC = 0.6297 | SRCC = 0.6003 | [SYS][MSE = 0.1600 | LCC = 0.9789 | SRCC = 0.9405]
[Valid(teacher)][25][UTT][GML = 0.264176 | AML = 0.409117 | MoV = 0.331840 | VoV = 0.002196] [SYS][GML = 0.000000 | AML = 0.009083 | MoV = 0.003671 | VoV = 0.000005]
Train: 100% 845/845 [04:01<00:00, 3.50 step/s]
Average loss=-0.08985893428325653
Valid(teacher): 100% 3000/3000 [00:16<00:00, 178.47 step/s]

[Valid(teacher)][26][UTT][MSE = 0.6287 | LCC = 0.6280 | SRCC = 0.5984 | [SYS][MSE = 0.1568 | LCC = 0.9783 | SRCC = 0.9282]
[Valid(teacher)][26][UTT][GML = 0.261741 | AML = 0.410043 | MoV = 0.326774 | VoV = 0.002159] [SYS][GML = 0.000000 | AML = 0.004612 | MoV = 0.003615 | VoV = 0.000005]
Train: 100% 845/845 [03:28<00:00, 4.05 step/s]
Average loss=-0.09066979718208313
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.73 step/s]

[Valid(teacher)][27][UTT][MSE = 0.6113 | LCC = 0.6285 | SRCC = 0.5984 | [SYS][MSE = 0.1403 | LCC = 0.9783 | SRCC = 0.9193]
[Valid(teacher)][27][UTT][GML = 0.268090 | AML = 0.414361 | MoV = 0.324322 | VoV = 0.002108] [SYS][GML = 0.000000 | AML = 0.011620 | MoV = 0.003581 | VoV = 0.000005]
Train: 100% 845/845 [03:52<00:00, 3.64 step/s]
Average loss=-0.11311499774456024
Valid(teacher): 100% 3000/3000 [00:20<00:00, 148.21 step/s]

[Valid(teacher)][28][UTT][MSE = 0.6201 | LCC = 0.6254 | SRCC = 0.5945 | [SYS][MSE = 0.1447 | LCC = 0.9769 | SRCC = 0.9179]
[Valid(teacher)][28][UTT][GML = 0.261104 | AML = 0.413605 | MoV = 0.319068 | VoV = 0.002178] [SYS][GML = 0.000000 | AML = 0.013929 | MoV = 0.003530 | VoV = 0.000005]
Train: 100% 845/845 [05:47<00:00, 2.43 step/s]
Average loss=-0.11897941678762436
Valid(teacher): 100% 3000/3000 [00:21<00:00, 140.35 step/s]

[Valid(teacher)][29][UTT][MSE = 0.5739 | LCC = 0.6320 | SRCC = 0.6008 | [SYS][MSE = 0.1013 | LCC = 0.9780 | SRCC = 0.9214]
[Valid(teacher)][29][UTT][GML = 0.281002 | AML = 0.425139 | MoV = 0.316495 | VoV = 0.002043] [SYS][GML = 0.000000 | AML = 0.209793 | MoV = 0.003495 | VoV = 0.000005]
Train: 100% 845/845 [06:11<00:00, 2.28 step/s]
Average loss=-0.13237535953521729
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.92 step/s]

[Valid(teacher)][30][UTT][MSE = 0.5779 | LCC = 0.6340 | SRCC = 0.6035 | [SYS][MSE = 0.1069 | LCC = 0.9788 | SRCC = 0.9179]
[Valid(teacher)][30][UTT][GML = 0.277299 | AML = 0.425359 | MoV = 0.312427 | VoV = 0.002032] [SYS][GML = 0.000000 | AML = 0.134161 | MoV = 0.003452 | VoV = 0.000005]
Train: 100% 845/845 [10:20<00:00, 1.36 step/s]
Average loss=-0.14027314019203186
Valid(teacher): 100% 3000/3000 [00:19<00:00, 150.14 step/s]

[Valid(teacher)][31][UTT][MSE = 0.5860 | LCC = 0.6324 | SRCC = 0.6023 | [SYS][MSE = 0.1141 | LCC = 0.9790 | SRCC = 0.9166]
[Valid(teacher)][31][UTT][GML = 0.271884 | AML = 0.424031 | MoV = 0.308084 | VoV = 0.001993] [SYS][GML = 0.000000 | AML = 0.054020 | MoV = 0.003398 | VoV = 0.000004]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=-0.15212248265743256
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.60 step/s]

[Valid(teacher)][32][UTT][MSE = 0.5863 | LCC = 0.6330 | SRCC = 0.6029 | [SYS][MSE = 0.1160 | LCC = 0.9791 | SRCC = 0.9166]
[Valid(teacher)][32][UTT][GML = 0.270137 | AML = 0.424173 | MoV = 0.304964 | VoV = 0.001995] [SYS][GML = 0.000000 | AML = 0.034301 | MoV = 0.003370 | VoV = 0.000004]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.1628141850233078
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.88 step/s]

[Valid(teacher)][33][UTT][MSE = 0.5380 | LCC = 0.6359 | SRCC = 0.6048 | [SYS][MSE = 0.0655 | LCC = 0.9793 | SRCC = 0.9227]
[Valid(teacher)][33][UTT][GML = 0.293864 | AML = 0.436614 | MoV = 0.304198 | VoV = 0.001929] [SYS][GML = 0.000005 | AML = 0.988952 | MoV = 0.003335 | VoV = 0.000004]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.17465107142925262
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.69 step/s]

[Valid(teacher)][34][UTT][MSE = 0.5737 | LCC = 0.6322 | SRCC = 0.6017 | [SYS][MSE = 0.0965 | LCC = 0.9790 | SRCC = 0.9227]
[Valid(teacher)][34][UTT][GML = 0.272320 | AML = 0.428952 | MoV = 0.297141 | VoV = 0.001912] [SYS][GML = 0.000000 | AML = 0.155299 | MoV = 0.003273 | VoV = 0.000004]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.1868003010749817
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.44 step/s]

[Valid(teacher)][35][UTT][MSE = 0.5594 | LCC = 0.6326 | SRCC = 0.6017 | [SYS][MSE = 0.0801 | LCC = 0.9785 | SRCC = 0.9200]
[Valid(teacher)][35][UTT][GML = 0.277396 | AML = 0.433203 | MoV = 0.294747 | VoV = 0.001916] [SYS][GML = 0.000003 | AML = 0.543091 | MoV = 0.003243 | VoV = 0.000004]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.19707158207893372
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.59 step/s]

[Valid(teacher)][36][UTT][MSE = 0.5669 | LCC = 0.6323 | SRCC = 0.6021 | [SYS][MSE = 0.0063 | LCC = 0.9790 | SRCC = 0.9227]
[Valid(teacher)][36][UTT][GML = 0.272132 | AML = 0.432202 | MoV = 0.292102 | VoV = 0.001908] [SYS][GML = 0.000001 | AML = 0.318911 | MoV = 0.003222 | VoV = 0.000004]
Train: 100% 845/845 [06:30<00:00, 2.16 step/s]
Average loss=-0.2098231017589569
Valid(teacher): 100% 3000/3000 [00:22<00:00, 133.31 step/s]

[Valid(teacher)][37][UTT][MSE = 0.5729 | LCC = 0.6302 | SRCC = 0.6001 | [SYS][MSE = 0.0907 | LCC = 0.9792 | SRCC = 0.9179]
[Valid(teacher)][37][UTT][GML = 0.265606 | AML = 0.431591 | MoV = 0.286693 | VoV = 0.001889] [SYS][GML = 0.000000 | AML = 0.167737 | MoV = 0.003172 | VoV = 0.000004]
Train: 100% 845/845 [04:24<00:00, 3.19 step/s]
Average loss=-0.21321335434913635
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.24 step/s]

[Valid(teacher)][38][UTT][MSE = 0.5601 | LCC = 0.6319 | SRCC = 0.6013 | [SYS][MSE = 0.0783 | LCC = 0.9785 | SRCC = 0.9056]
[Valid(teacher)][38][UTT][GML = 0.270411 | AML = 0.435635 | MoV = 0.284098 | VoV = 0.001951] [SYS][GML = 0.000002 | AML = 0.542605 | MoV = 0.003137 | VoV = 0.000004]
Train: 100% 845/845 [10:30<00:00, 1.34 step/s]
Average loss=-0.22783033549785614
Valid(teacher): 100% 3000/3000 [00:16<00:00, 181.87 step/s]

[Valid(teacher)][39][UTT][MSE = 0.5382 | LCC = 0.6339 | SRCC = 0.6030 | [SYS][MSE = 0.0565 | LCC = 0.9784 | SRCC = 0.9056]
[Valid(teacher)][39][UTT][GML = 0.281186 | AML = 0.442300 | MoV = 0.281699 | VoV = 0.001831] [SYS][GML = 0.000123 | AML = 1.563319 | MoV = 0.003099 | VoV = 0.000004]
Train: 100% 845/845 [03:33<00:00, 3.95 step/s]
Average loss=-0.23360154032707214
Valid(teacher): 100% 3000/3000 [00:16<00:00, 183.92 step/s]

[Valid(teacher)][40][UTT][MSE = 0.5463 | LCC = 0.6325 | SRCC = 0.6011 | [SYS][MSE = 0.0638 | LCC = 0.9796 | SRCC = 0.9056]
[Valid(teacher)][40][UTT][GML = 0.274635 | AML = 0.441135 | MoV = 0.278466 | VoV = 0.001831] [SYS][GML = 0.000028 | AML = 1.073743 | MoV = 0.003071 | VoV = 0.000004]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.24482962489128113
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.85 step/s]

[Valid(teacher)][41][UTT][MSE = 0.5466 | LCC = 0.6321 | SRCC = 0.6007 | [SYS][MSE = 0.0647 | LCC = 0.9792 | SRCC = 0.9056]
[Valid(teacher)][41][UTT][GML = 0.272173 | AML = 0.442477 | MoV = 0.274501 | VoV = 0.001764] [SYS][GML = 0.000021 | AML = 1.050850 | MoV = 0.003036 | VoV = 0.000004]
Train: 100% 845/845 [03:26<00:00, 4.09 step/s]
Average loss=-0.25255194306373596
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.05 step/s]

[Valid(teacher)][42][UTT][MSE = 0.5365 | LCC = 0.6314 | SRCC = 0.6001 | [SYS][MSE = 0.0541 | LCC = 0.9788 | SRCC = 0.9070]
[Valid(teacher)][42][UTT][GML = 0.276654 | AML = 0.445454 | MoV = 0.273096 | VoV = 0.001759] [SYS][GML = 0.000180 | AML = 1.573687 | MoV = 0.003018 | VoV = 0.000004]
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]
Average loss=-0.2647533714771271
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.75 step/s]

[Valid(teacher)][43][UTT][MSE = 0.5405 | LCC = 0.6319 | SRCC = 0.6012 | [SYS][MSE = 0.0578 | LCC = 0.9786 | SRCC = 0.9091]
[Valid(teacher)][43][UTT][GML = 0.273022 | AML = 0.445554 | MoV = 0.270509 | VoV = 0.001748] [SYS][GML = 0.000069 | AML = 1.401004 | MoV = 0.002988 | VoV = 0.000004]

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Train: 100% 845/845 [03:23<00:00, 4.14 step/s]
Average loss=-0.27327457070350647
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.31 step/s]

[Valid(teacher)][44][UTT][ MSE = 0.5341 | LCC = 0.6320 | SRCC = 0.6020 | [SYS][ MSE = 0.0509 | LCC = 0.9776 | SRCC = 0.9070 ]
[Valid(teacher)][44][UTT][ GML = 0.274127 | AML = 0.449258 | MoV = 0.265303 | VoV = 0.001622 | [SYS][ GML = 0.000202 | AML = 1.912781 | MoV = 0.002935 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]
Average loss=-0.283021479845047
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.35 step/s]

[Valid(teacher)][45][UTT][ MSE = 0.5412 | LCC = 0.6330 | SRCC = 0.6031 | [SYS][ MSE = 0.0603 | LCC = 0.9789 | SRCC = 0.9091 ]
[Valid(teacher)][45][UTT][ GML = 0.266995 | AML = 0.447712 | MoV = 0.261600 | VoV = 0.001685 | [SYS][ GML = 0.000026 | AML = 1.183630 | MoV = 0.002899 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]
Average loss=-0.2882588505744934
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.12 step/s]

[Valid(teacher)][46][UTT][ MSE = 0.5259 | LCC = 0.6330 | SRCC = 0.6024 | [SYS][ MSE = 0.0419 | LCC = 0.9792 | SRCC = 0.9029 ]
[Valid(teacher)][46][UTT][ GML = 0.275752 | AML = 0.453077 | MoV = 0.260705 | VoV = 0.001572 | [SYS][ GML = 0.001186 | AML = 2.191575 | MoV = 0.002881 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]
Average loss=-0.29759716987609863
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.32 step/s]

[Valid(teacher)][47][UTT][ MSE = 0.5368 | LCC = 0.6332 | SRCC = 0.6034 | [SYS][ MSE = 0.0559 | LCC = 0.9795 | SRCC = 0.9070 ]
[Valid(teacher)][47][UTT][ GML = 0.267969 | AML = 0.451060 | MoV = 0.258465 | VoV = 0.001527 | [SYS][ GML = 0.000065 | AML = 1.403819 | MoV = 0.002869 | VoV = 0.000003 ]
Train: 100% 845/845 [03:28<00:00, 3.86 step/s]
Average loss=-0.3094955086708069
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.00 step/s]

[Valid(teacher)][48][UTT][ MSE = 0.5321 | LCC = 0.6315 | SRCC = 0.6010 | [SYS][ MSE = 0.0485 | LCC = 0.9787 | SRCC = 0.9077 ]
[Valid(teacher)][48][UTT][ GML = 0.269278 | AML = 0.453377 | MoV = 0.255990 | VoV = 0.001485 | [SYS][ GML = 0.000313 | AML = 1.920416 | MoV = 0.002843 | VoV = 0.000003 ]
Train: 100% 845/845 [04:24<00:00, 3.20 step/s]
Average loss=-0.31602758169174194
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.61 step/s]

[Valid(teacher)][49][UTT][ MSE = 0.5098 | LCC = 0.6322 | SRCC = 0.6015 | [SYS][ MSE = 0.0276 | LCC = 0.9775 | SRCC = 0.9091 ]
[Valid(teacher)][49][UTT][ GML = 0.275752 | AML = 0.460002 | MoV = 0.254215 | VoV = 0.001370 | [SYS][ GML = 0.026036 | AML = 2.508998 | MoV = 0.002808 | VoV = 0.000003 ]
Train: 100% 845/845 [05:01<00:00, 2.80 step/s]
Average loss=-0.3216199576854706
Valid(teacher): 100% 3000/3000 [00:22<00:00, 133.87 step/s]

[Valid(teacher)][50][UTT][ MSE = 0.5141 | LCC = 0.6324 | SRCC = 0.6025 | [SYS][ MSE = 0.0341 | LCC = 0.9784 | SRCC = 0.9091 ]
[Valid(teacher)][50][UTT][ GML = 0.287178 | AML = 0.459595 | MoV = 0.251961 | VoV = 0.001355 | [SYS][ GML = 0.006892 | AML = 2.404950 | MoV = 0.002792 | VoV = 0.000003 ]
Train: 100% 845/845 [07:13<00:00, 1.95 step/s]
Average loss=-0.33027929067611694
Valid(teacher): 100% 3000/3000 [01:07<00:00, 44.47 step/s]

[Valid(teacher)][51][UTT][ MSE = 0.5097 | LCC = 0.6328 | SRCC = 0.6024 | [SYS][ MSE = 0.0311 | LCC = 0.9779 | SRCC = 0.9091 ]
[Valid(teacher)][51][UTT][ GML = 0.280511 | AML = 0.460778 | MoV = 0.251286 | VoV = 0.001370 | [SYS][ GML = 0.014320 | AML = 2.619633 | MoV = 0.002780 | VoV = 0.000003 ]
Train: 100% 845/845 [07:08<00:00, 1.97 step/s]
Average loss=-0.33966317772865295
Valid(teacher): 100% 3000/3000 [00:16<00:00, 181.17 step/s]

[Valid(teacher)][52][UTT][ MSE = 0.5289 | LCC = 0.6311 | SRCC = 0.6005 | [SYS][ MSE = 0.0480 | LCC = 0.9786 | SRCC = 0.9091 ]
[Valid(teacher)][52][UTT][ GML = 0.267450 | AML = 0.454940 | MoV = 0.250560 | VoV = 0.001479 | [SYS][ GML = 0.000387 | AML = 1.685241 | MoV = 0.002777 | VoV = 0.000003 ]
Train: 100% 845/845 [03:36<00:00, 3.91 step/s]
Average loss=-0.35386523604393005
Valid(teacher): 100% 3000/3000 [00:15<00:00, 190.87 step/s]

[Valid(teacher)][53][UTT][ MSE = 0.5273 | LCC = 0.6324 | SRCC = 0.6019 | [SYS][ MSE = 0.0471 | LCC = 0.9785 | SRCC = 0.9125 ]
[Valid(teacher)][53][UTT][ GML = 0.266099 | AML = 0.456043 | MoV = 0.248383 | VoV = 0.001544 | [SYS][ GML = 0.000426 | AML = 1.580774 | MoV = 0.002749 | VoV = 0.000003 ]
Train: 100% 845/845 [03:32<00:00, 3.97 step/s]
Average loss=-0.36129775643348694
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.92 step/s]

[Valid(teacher)][54][UTT][ MSE = 0.5264 | LCC = 0.6330 | SRCC = 0.6026 | [SYS][ MSE = 0.0486 | LCC = 0.9786 | SRCC = 0.9159 ]
[Valid(teacher)][54][UTT][ GML = 0.264591 | AML = 0.458181 | MoV = 0.244222 | VoV = 0.001462 | [SYS][ GML = 0.000272 | AML = 1.748008 | MoV = 0.002700 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]
Average loss=-0.3655364513397217
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.36 step/s]

[Valid(teacher)][55][UTT][ MSE = 0.5259 | LCC = 0.6317 | SRCC = 0.6013 | [SYS][ MSE = 0.0441 | LCC = 0.9777 | SRCC = 0.9159 ]
[Valid(teacher)][55][UTT][ GML = 0.263793 | AML = 0.459294 | MoV = 0.243121 | VoV = 0.001493 | [SYS][ GML = 0.000633 | AML = 1.843935 | MoV = 0.002691 | VoV = 0.000003 ]
Train: 100% 845/845 [05:41<00:00, 2.47 step/s]
Average loss=-0.3738555312156677
Valid(teacher): 100% 3000/3000 [00:21<00:00, 139.62 step/s]

[Valid(teacher)][56][UTT][ MSE = 0.5385 | LCC = 0.6297 | SRCC = 0.5997 | [SYS][ MSE = 0.0555 | LCC = 0.9777 | SRCC = 0.8995 ]
[Valid(teacher)][56][UTT][ GML = 0.254632 | AML = 0.455023 | MoV = 0.241437 | VoV = 0.001519 | [SYS][ GML = 0.000050 | AML = 1.621833 | MoV = 0.002679 | VoV = 0.000003 ]
Train: 100% 845/845 [07:43<00:00, 1.82 step/s]
Average loss=-0.3796287477016449
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.85 step/s]

[Valid(teacher)][57][UTT][ MSE = 0.5401 | LCC = 0.6279 | SRCC = 0.5972 | [SYS][ MSE = 0.0518 | LCC = 0.9782 | SRCC = 0.9091 ]
[Valid(teacher)][57][UTT][ GML = 0.252757 | AML = 0.455676 | MoV = 0.239071 | VoV = 0.001412 | [SYS][ GML = 0.000097 | AML = 1.662567 | MoV = 0.002652 | VoV = 0.000003 ]
Train: 100% 845/845 [06:11<00:00, 2.28 step/s]
Average loss=-0.3925763964653015
Valid(teacher): 100% 3000/3000 [00:35<00:00, 84.62 step/s]

[Valid(teacher)][58][UTT][ MSE = 0.5300 | LCC = 0.6285 | SRCC = 0.5984 | [SYS][ MSE = 0.0448 | LCC = 0.9787 | SRCC = 0.9043 ]
[Valid(teacher)][58][UTT][ GML = 0.256687 | AML = 0.459866 | MoV = 0.235749 | VoV = 0.001345 | [SYS][ GML = 0.000532 | AML = 2.032422 | MoV = 0.002613 | VoV = 0.000003 ]
Train: 100% 845/845 [07:11<00:00, 1.96 step/s]
Average loss=-0.40236642956733704
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.18 step/s]

[Valid(teacher)][59][UTT][ MSE = 0.5267 | LCC = 0.6291 | SRCC = 0.5994 | [SYS][ MSE = 0.0402 | LCC = 0.9789 | SRCC = 0.9145 ]
[Valid(teacher)][59][UTT][ GML = 0.257246 | AML = 0.462290 | MoV = 0.234141 | VoV = 0.001327 | [SYS][ GML = 0.001362 | AML = 2.275639 | MoV = 0.002590 | VoV = 0.000003 ]
Train: 100% 845/845 [03:37<00:00, 3.89 step/s]
Average loss=-0.4093797206878662
Valid(teacher): 100% 3000/3000 [00:17<00:00, 174.71 step/s]

[Valid(teacher)][60][UTT][ MSE = 0.5290 | LCC = 0.6303 | SRCC = 0.6006 | [SYS][ MSE = 0.0433 | LCC = 0.9804 | SRCC = 0.9282 ]
[Valid(teacher)][60][UTT][ GML = 0.253402 | AML = 0.462433 | MoV = 0.230813 | VoV = 0.001324 | [SYS][ GML = 0.000664 | AML = 2.067659 | MoV = 0.002559 | 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 contiguous chunk of memory. This means they need to be compacted at every call, possibly greatly increasing memory usage. To compact weights again call flatten_parameters(). (Triggered internally at ../at
en/src/ATen/native/cudnn/RNN.cpp:968.)
result = _VF.lstm(input, hx, self._flat_weights, self.bias, self.num_layers,
Test(best): 100% 4000/4000 [00:22<00:00, 174.58 step/s]

[Test(best)][61][UTT][ MSE = 0.5317 | LCC = 0.6381 | SRCC = 0.6016 | [SYS][ MSE = 0.0541 | LCC = 0.9787 | SRCC = 0.9467 ]
[Test(best)][61][UTT][ GML = 0.296951 | AML = 0.440581 | MoV = 0.304767 | VoV = 0.001935 | [SYS][ GML = 0.000040 | AML = 1.605638 | MoV = 0.002453 | VoV = 0.000002 ]
Test(last): 100% 4000/4000 [00:22<00:00, 177.12 step/s]

[Test(last)][61][UTT][ MSE = 0.5242 | LCC = 0.6332 | SRCC = 0.5982 | [SYS][ MSE = 0.0351 | LCC = 0.9791 | SRCC = 0.9446 ]
[Test(last)][61][UTT][ GML = 0.256887 | AML = 0.461857 | MoV = 0.231307 | VoV = 0.001308 | [SYS][ GML = 0.000504 | AML = 1.974330 | MoV = 0.001872 | VoV = 0.000001 ]
(lxygpu) [x_xliangnode85@ProMOSNet]$
```