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xlygpu [x_xlian@gnode026 ProMOSNet]$ python train.py --lamb_c=1 --lamb_t=0.5 --save_path "/runs/c1-t5e-1-no-sgn/run2"
Loading all wav files.
100%|██████████████████████████████████████████████████████████████████████████████████| 54040/54040 [07:50<00:00, 114.74it/s]
/proj/jhorse_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'][ii] = self.idtable[judge_i]
Loading all wav files.
100%|██████████████████████████████████████████████████████████████████████████████████| 3000/3000 [01:44<00:00, 28.74it/s]
/proj/jhorse_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'][ii] = self.idtable[judge_i]
Loading all wav files.
100%|██████████████████████████████████████████████████████████████████████████████████| 4000/4000 [02:19<00:00, 28.62it/s]
/proj/jhorse_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'][ii] = self.idtable[judge_i]
Train: 100% 845/845 [03:27<00:00, 4.06 step/s]
Average loss=0.71456.34375
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.14 step/s]

[Valid(teacher)][0][UTT] MSE = 1.6551 | LCC = 0.5174 | SRCC = 0.4968 | [SYS] MSE = 1.4485 | LCC = 0.8275 | SRCC = 0.8386 ]
[Valid(teacher)][0][UTT] GML = 0.140644 | AML = 0.240567 | MoV = 0.646473 | VoV = 0.811595 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.007539 | VoV = 0.000041 ]
Train: 100% 845/845 [03:21<00:00, 4.19 step/s]
Average loss=0.4811667501926422
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.15 step/s]

[Valid(teacher)][1][UTT] MSE = 1.2412 | LCC = 0.5609 | SRCC = 0.5329 | [SYS] MSE = 0.9122 | LCC = 0.8901 | SRCC = 0.8701 ]
[Valid(teacher)][1][UTT] GML = 0.131605 | AML = 0.281799 | MoV = 0.434489 | VoV = 0.108013 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.005236 | VoV = 0.000024 ]
Train: 100% 845/845 [03:22<00:00, 4.16 step/s]
Average loss=0.39595478773117065
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.52 step/s]

[Valid(teacher)][2][UTT] MSE = 0.9912 | LCC = 0.5912 | SRCC = 0.5537 | [SYS] MSE = 0.6079 | LCC = 0.9318 | SRCC = 0.8715 ]
[Valid(teacher)][2][UTT] GML = 0.174342 | AML = 0.318135 | MoV = 0.424332 | VoV = 0.008263 | [SYS] GML = 0.000000 | AML = 0.000001 | MoV = 0.005035 | VoV = 0.000020 ]
Train: 100% 845/845 [03:22<00:00, 4.17 step/s]
Average loss=0.3534566760631714
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.73 step/s]

[Valid(teacher)][3][UTT] MSE = 0.8919 | LCC = 0.6108 | SRCC = 0.5692 | [SYS] MSE = 0.5065 | LCC = 0.9493 | SRCC = 0.8995 ]
[Valid(teacher)][3][UTT] GML = 0.201574 | AML = 0.335289 | MoV = 0.419545 | VoV = 0.006750 | [SYS] GML = 0.000000 | AML = 0.000005 | MoV = 0.004910 | VoV = 0.000017 ]
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]
Average loss=0.3211824893951416
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.78 step/s]

[Valid(teacher)][4][UTT] MSE = 0.8837 | LCC = 0.6174 | SRCC = 0.5773 | [SYS] MSE = 0.4978 | LCC = 0.9591 | SRCC = 0.9118 ]
[Valid(teacher)][4][UTT] GML = 0.205619 | AML = 0.338460 | MoV = 0.413475 | VoV = 0.005334 | [SYS] GML = 0.000000 | AML = 0.000001 | MoV = 0.004801 | VoV = 0.000015 ]
Train: 100% 845/845 [03:22<00:00, 4.18 step/s]
Average loss=0.2990567684173584
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.62 step/s]

[Valid(teacher)][5][UTT] MSE = 0.8765 | LCC = 0.6222 | SRCC = 0.5823 | [SYS] MSE = 0.4904 | LCC = 0.9599 | SRCC = 0.9111 ]
[Valid(teacher)][5][UTT] GML = 0.207337 | AML = 0.340067 | MoV = 0.412314 | VoV = 0.005304 | [SYS] GML = 0.000000 | AML = 0.000001 | MoV = 0.004787 | VoV = 0.000015 ]
Train: 100% 845/845 [03:21<00:00, 4.19 step/s]
Average loss=0.2811983525753021
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.67 step/s]

[Valid(teacher)][6][UTT] MSE = 0.8405 | LCC = 0.6281 | SRCC = 0.5885 | [SYS] MSE = 0.4540 | LCC = 0.9614 | SRCC = 0.9159 ]
[Valid(teacher)][6][UTT] GML = 0.218948 | AML = 0.346831 | MoV = 0.412389 | VoV = 0.004662 | [SYS] GML = 0.000000 | AML = 0.000001 | MoV = 0.004775 | VoV = 0.000014 ]
Train: 100% 845/845 [03:22<00:00, 4.18 step/s]
Average loss=0.2570749521255493
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.27 step/s]

[Valid(teacher)][7][UTT] MSE = 0.7831 | LCC = 0.6318 | SRCC = 0.5922 | [SYS] MSE = 0.3918 | LCC = 0.9621 | SRCC = 0.9152 ]
[Valid(teacher)][7][UTT] GML = 0.236817 | AML = 0.357984 | MoV = 0.413299 | VoV = 0.004018 | [SYS] GML = 0.000000 | AML = 0.000037 | MoV = 0.004766 | VoV = 0.000014 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=0.2400674819946289
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.96 step/s]

[Valid(teacher)][8][UTT] MSE = 0.7904 | LCC = 0.6304 | SRCC = 0.5923 | [SYS] MSE = 0.3988 | LCC = 0.9604 | SRCC = 0.9063 ]
[Valid(teacher)][8][UTT] GML = 0.233368 | AML = 0.358155 | MoV = 0.405474 | VoV = 0.003612 | [SYS] GML = 0.000000 | AML = 0.000119 | MoV = 0.004683 | VoV = 0.000013 ]
Train: 100% 845/845 [03:22<00:00, 4.16 step/s]
Average loss=0.2216731309890747
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.55 step/s]

[Valid(teacher)][9][UTT] MSE = 0.7640 | LCC = 0.6317 | SRCC = 0.5931 | [SYS] MSE = 0.3678 | LCC = 0.9614 | SRCC = 0.9009 ]
[Valid(teacher)][9][UTT] GML = 0.248471 | AML = 0.364063 | MoV = 0.401554 | VoV = 0.003222 | [SYS] GML = 0.000000 | AML = 0.000432 | MoV = 0.004624 | VoV = 0.000012 ]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=0.20656496286392212
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.18 step/s]

[Valid(teacher)][10][UTT] MSE = 0.8004 | LCC = 0.6263 | SRCC = 0.5881 | [SYS] MSE = 0.4047 | LCC = 0.9578 | SRCC = 0.8954 ]
[Valid(teacher)][10][UTT] GML = 0.228082 | AML = 0.358194 | MoV = 0.394428 | VoV = 0.002886 | [SYS] GML = 0.000000 | AML = 0.000490 | MoV = 0.004551 | VoV = 0.000012 ]
Train: 100% 845/845 [03:33<00:00, 2.53 step/s]
Average loss=0.19075700640678406
Valid(teacher): 100% 3000/3000 [01:27<00:00, 34.23 step/s]

[Valid(teacher)][11][UTT] MSE = 0.7674 | LCC = 0.6266 | SRCC = 0.5880 | [SYS] MSE = 0.3658 | LCC = 0.9574 | SRCC = 0.8954 ]
[Valid(teacher)][11][UTT] GML = 0.236906 | AML = 0.365404 | MoV = 0.3906
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Average loss=0.05360569804906845
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.74 step/s]

[Valid(teacher)][20][UTT][MSE = 0.6107 | LCC = 0.6365 | SRCC = 0.5956 | [SYS][MSE = 0.1854 | LCC = 0.9657 | SRCC = 0.8756]
[Valid(teacher)][20][UTT][GML = 0.279446 | AML = 0.406399 | MoV = 0.348461 | VoV = 0.001706 | [SYS][GML = 0.000000 | AML = 0.075038 | MoV = 0.003887 | VoV = 0.000007]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=0.04263398051261902
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.94 step/s]

[Valid(teacher)][21][UTT][MSE = 0.5868 | LCC = 0.6394 | SRCC = 0.5989 | [SYS][MSE = 0.1580 | LCC = 0.9688 | SRCC = 0.8865]
[Valid(teacher)][21][UTT][GML = 0.287995 | AML = 0.413582 | MoV = 0.343667 | VoV = 0.001704 | [SYS][GML = 0.000000 | AML = 0.101820 | MoV = 0.003821 | VoV = 0.000006]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=0.03391009569168091
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.63 step/s]

[Valid(teacher)][22][UTT][MSE = 0.5667 | LCC = 0.6429 | SRCC = 0.6020 | [SYS][MSE = 0.1369 | LCC = 0.9711 | SRCC = 0.8844]
[Valid(teacher)][22][UTT][GML = 0.296223 | AML = 0.418870 | MoV = 0.341349 | VoV = 0.001698 | [SYS][GML = 0.000000 | AML = 0.188335 | MoV = 0.003787 | VoV = 0.000006]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=0.014223159290850163
Valid(teacher): 100% 3000/3000 [00:20<00:00, 148.83 step/s]

[Valid(teacher)][23][UTT][MSE = 0.5170 | LCC = 0.6507 | SRCC = 0.6109 | [SYS][MSE = 0.0844 | LCC = 0.9754 | SRCC = 0.9125]
[Valid(teacher)][23][UTT][GML = 0.317885 | AML = 0.432742 | MoV = 0.337387 | VoV = 0.001841 | [SYS][GML = 0.000011 | AML = 0.931067 | MoV = 0.003725 | VoV = 0.000005]
Train: 100% 845/845 [07:15<00:00, 1.94 step/s]
Average loss=0.002007975700693266
Valid(teacher): 100% 3000/3000 [00:18<00:00, 158.91 step/s]

[Valid(teacher)][24][UTT][MSE = 0.5281 | LCC = 0.6474 | SRCC = 0.6086 | [SYS][MSE = 0.0943 | LCC = 0.9735 | SRCC = 0.9002]
[Valid(teacher)][24][UTT][GML = 0.309873 | AML = 0.431934 | MoV = 0.329013 | VoV = 0.001790 | [SYS][GML = 0.000001 | AML = 0.815134 | MoV = 0.003640 | VoV = 0.000005]
Train: 100% 845/845 [03:47<00:00, 3.72 step/s]
Average loss=-0.006339332554489374
Valid(teacher): 100% 3000/3000 [00:19<00:00, 151.57 step/s]

[Valid(teacher)][25][UTT][MSE = 0.5308 | LCC = 0.6451 | SRCC = 0.6066 | [SYS][MSE = 0.0928 | LCC = 0.9722 | SRCC = 0.8968]
[Valid(teacher)][25][UTT][GML = 0.306268 | AML = 0.433350 | MoV = 0.321768 | VoV = 0.001778 | [SYS][GML = 0.000001 | AML = 0.952235 | MoV = 0.003563 | VoV = 0.000005]
Train: 100% 845/845 [06:26<00:00, 2.18 step/s]
Average loss=-0.020464224740862846
Valid(teacher): 100% 3000/3000 [00:25<00:00, 118.18 step/s]

[Valid(teacher)][26][UTT][MSE = 0.5445 | LCC = 0.6454 | SRCC = 0.6064 | [SYS][MSE = 0.1108 | LCC = 0.9726 | SRCC = 0.8947]
[Valid(teacher)][26][UTT][GML = 0.298283 | AML = 0.430034 | MoV = 0.318159 | VoV = 0.001770 | [SYS][GML = 0.000000 | AML = 0.547622 | MoV = 0.003531 | VoV = 0.000005]
Train: 100% 845/845 [05:23<00:00, 2.20 step/s]
Average loss=-0.0335491940379143
Valid(teacher): 100% 3000/3000 [00:22<00:00, 130.72 step/s]

[Valid(teacher)][27][UTT][MSE = 0.5580 | LCC = 0.6426 | SRCC = 0.6037 | [SYS][MSE = 0.1254 | LCC = 0.9713 | SRCC = 0.8947]
[Valid(teacher)][27][UTT][GML = 0.290485 | AML = 0.427160 | MoV = 0.314236 | VoV = 0.001705 | [SYS][GML = 0.000000 | AML = 0.416841 | MoV = 0.003491 | VoV = 0.000005]
Train: 100% 845/845 [03:37<00:00, 3.89 step/s]
Average loss=-0.04764128476381302
Valid(teacher): 100% 3000/3000 [00:16<00:00, 181.33 step/s]

[Valid(teacher)][28][UTT][MSE = 0.5705 | LCC = 0.6401 | SRCC = 0.6017 | [SYS][MSE = 0.1407 | LCC = 0.9700 | SRCC = 0.8838]
[Valid(teacher)][28][UTT][GML = 0.283538 | AML = 0.424486 | MoV = 0.310826 | VoV = 0.001597 | [SYS][GML = 0.000000 | AML = 0.338728 | MoV = 0.003456 | VoV = 0.000005]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=-0.05627724900841713
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.49 step/s]

[Valid(teacher)][29][UTT][MSE = 0.5382 | LCC = 0.6441 | SRCC = 0.6058 | [SYS][MSE = 0.1049 | LCC = 0.9718 | SRCC = 0.9022]
[Valid(teacher)][29][UTT][GML = 0.297731 | AML = 0.434070 | MoV = 0.307474 | VoV = 0.001679 | [SYS][GML = 0.000000 | AML = 0.769302 | MoV = 0.003406 | VoV = 0.000005]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.07236310094594955
Valid(teacher): 100% 3000/3000 [00:15<00:00, 188.29 step/s]

[Valid(teacher)][30][UTT][MSE = 0.5374 | LCC = 0.6441 | SRCC = 0.6063 | [SYS][MSE = 0.1040 | LCC = 0.9720 | SRCC = 0.9022]
[Valid(teacher)][30][UTT][GML = 0.296685 | AML = 0.435299 | MoV = 0.303794 | VoV = 0.001613 | [SYS][GML = 0.000000 | AML = 0.781943 | MoV = 0.003366 | VoV = 0.000005]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=-0.00584272116422653
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.08 step/s]

[Valid(teacher)][31][UTT][MSE = 0.5287 | LCC = 0.6458 | SRCC = 0.6078 | [SYS][MSE = 0.0931 | LCC = 0.9735 | SRCC = 0.9084]
[Valid(teacher)][31][UTT][GML = 0.299084 | AML = 0.438760 | MoV = 0.300418 | VoV = 0.001753 | [SYS][GML = 0.000001 | AML = 0.819463 | MoV = 0.003324 | VoV = 0.000004]
Train: 100% 845/845 [06:27<00:00, 2.18 step/s]
Average loss=-0.09633443504571915
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.55 step/s]

[Valid(teacher)][32][UTT][MSE = 0.5055 | LCC = 0.6505 | SRCC = 0.6126 | [SYS][MSE = 0.0685 | LCC = 0.9785 | SRCC = 0.9398]
[Valid(teacher)][32][UTT][GML = 0.310543 | AML = 0.445266 | MoV = 0.298862 | VoV = 0.001840 | [SYS][GML = 0.000056 | AML = 1.027059 | MoV = 0.003301 | VoV = 0.000004]
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]
Average loss=-0.10965736210346222
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.55 step/s]

[Valid(teacher)][33][UTT][MSE = 0.4913 | LCC = 0.6504 | SRCC = 0.6129 | [SYS][MSE = 0.0513 | LCC = 0.9788 | SRCC = 0.9391]
[Valid(teacher)][33][UTT][GML = 0.317114 | AML = 0.449687 | MoV = 0.295507 | VoV = 0.001773 | [SYS][GML = 0.001144 | AML = 1.370026 | MoV = 0.003256 | VoV = 0.000004]
Train: 100% 845/845 [03:23<00:00, 4.14 step/s]
Average loss=-0.12065129727125168
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.53 step/s]

[Valid(teacher)][34][UTT][MSE = 0.5017 | LCC = 0.6481 | SRCC = 0.6109 | [SYS][MSE = 0.0611 | LCC = 0.9781 | SRCC = 0.9398]
[Valid(teacher)][34][UTT][GML = 0.309788 | AML = 0.447557 | MoV = 0.292332 | VoV = 0.001820 | [SYS][GML = 0.000184 | AML = 1.147058 | MoV = 0.003228 | VoV = 0.000004]
Train: 100% 845/845 [03:21<00:00, 4.18 step/s]
Average loss=-0.13279031217098236
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.55 step/s]

[Valid(teacher)][35][UTT][MSE = 0.5074 | LCC = 0.6470 | SRCC = 0.6104 | [SYS][MSE = 0.0664 | LCC = 0.9773 | SRCC = 0.9364]
[Valid(teacher)][35][UTT][GML = 0.304210 | AML = 0.447163 | MoV = 0.287202 | VoV = 0.001816 | [SYS][GML = 0.000052 | AML = 1.006627 | MoV = 0.003179 | VoV = 0.000004]
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]
Average loss=-0.15017788112163544
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.84 step/s]

[Valid(teacher)][36][UTT][MSE = 0.5210 | LCC = 0.6418 | SRCC = 0.6080 | [SYS][MSE = 0.0802 | LCC = 0.9745 | SRCC = 0.9268]
[Valid(teacher)][36][UTT][GML = 0.295034 | AML = 0.444282 | MoV = 0.283943 | VoV = 0.001747 | [SYS][GML = 0.000003 | AML = 0.895119 | MoV = 0.003154 | VoV = 0.000004]
Train: 100% 845/845 [03:23<00:00, 4.14 step/s]
Average loss=-0.15762577950954437
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.91 step/s]

[Valid(teacher)][37][UTT][MSE = 0.5167 | LCC = 0.6415 | SRCC = 0.6065 | [SYS][MSE = 0.0704 | LCC = 0.9745 | SRCC = 0.9248]
[Valid(teacher)][37][UTT][GML = 0.294586 | AML = 0.446927 | MoV = 0.279522 | VoV = 0.001819 | [SYS][GML = 0.000014 | AML = 0.919007 | MoV = 0.003104 | VoV = 0.000004]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.16878971457481384
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.02 step/s]

[Valid(teacher)][38][UTT][MSE = 0.5010 | LCC = 0.6405 | SRCC = 0.6058 | [SYS][MSE = 0.0498 | LCC = 0.9733 | SRCC = 0.9262]
[Valid(teacher)][38][UTT][GML = 0.302264 | AML = 0.451950 | MoV = 0.277653 | VoV = 0.001892 | [SYS][GML = 0.000695 | AML = 1.535456 | MoV = 0.003072 | VoV = 0.000004]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.17948493361473083
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.92 step/s]

[Valid(teacher)][39][UTT][MSE = 0.4933 | LCC = 0.6421 | SRCC = 0.6073 | [SYS][MSE = 0.0414 | LCC = 0.9754 | SRCC = 0.9309]
[Valid(teacher)][39][UTT][GML = 0.305140 | AML = 0.455225 | MoV = 0.274423 | VoV = 0.001935 | [SYS][GML = 0.003871 | AML = 1.962175 | MoV = 0.003033 | VoV = 0.000004]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.187962144613266
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.05 step/s]

[Valid(teacher)][40][UTT][MSE = 0.4902 | LCC = 0.6416 | SRCC = 0.6079 | [SYS][MSE = 0.0380 | LCC = 0.9761 | SRCC = 0.9364]
[Valid(teacher)][40][UTT][GML = 0.305785 | AML = 0.456126 | MoV = 0.272364 | VoV = 0.001934 | [SYS][GML = 0.007889 | AML = 2.028921 | MoV = 0.003008 | VoV = 0.000004]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.20714285969734192
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.54 step/s]

[Valid(teacher)][41][UTT][MSE = 0.4884 | LCC = 0.6432 | SRCC = 0.6092 | [SYS][MSE = 0.0356 | LCC = 0.9786 | SRCC = 0.9398]
[Valid(teacher)][41][UTT][GML = 0.304642 | AML = 0.457512 | MoV = 0.268260 | VoV = 0.001941 | [SYS][GML = 0.011674 | AML = 2.112155 | MoV = 0.002962 | VoV = 0.000003]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.21669435501098633
Valid(teacher): 100% 3000/3000 [00:15<00:00, 190.52 step/s]

[Valid(teacher)][42][UTT][MSE = 0.5015 | LCC = 0.6421 | SRCC = 0.6077 | [SYS][MSE = 0.0514 | LCC = 0.9787 | SRCC = 0.9432]
[Valid(teacher)][42][UTT][GML = 0.296630 | AML = 0.454071 | MoV = 0.267609 | VoV = 0.001953 | [SYS][GML = 0.000558 | AML = 1.261070 | MoV = 0.002964 | VoV = 0.000004]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.22398507595062256
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.64 step/s]

[Valid(teacher)][43][UTT][MSE = 0.5000 | LCC = 0.6406 | SRCC = 0.6068 | [SYS][MSE = 0.0474 | LCC = 0.9783 | SRCC = 0.9432]
[Valid(teacher)][43][UTT][GML = 0.296214 | AML = 0.455081 | MoV = 0.265443 | VoV = 0.001925 | [SYS][GML = 0.001062 | AML = 1.348207 | MoV = 0.002935 | VoV = 0.000003]

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Train: 100% 845/845 [03:23<00:00, 4.14 step/s]
Average loss=-0.23522500693798065
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.07 step/s]

[Valid(teacher)][44][UTT][ MSE = 0.4915 | LCC = 0.6405 | SRCC = 0.6073 | [SYS][ MSE = 0.0354 | LCC = 0.9789 | SRCC = 0.9398 ]
[Valid(teacher)][44][UTT][ GML = 0.297952 | AML = 0.458203 | MoV = 0.260834 | VoV = 0.002006 | [SYS][ GML = 0.011149 | AML = 2.055479 | MoV = 0.002881 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.2456986061210632
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.36 step/s]

[Valid(teacher)][45][UTT][ MSE = 0.4871 | LCC = 0.6410 | SRCC = 0.6092 | [SYS][ MSE = 0.0267 | LCC = 0.9794 | SRCC = 0.9398 ]
[Valid(teacher)][45][UTT][ GML = 0.297251 | AML = 0.461192 | MoV = 0.255353 | VoV = 0.002012 | [SYS][ GML = 0.054935 | AML = 2.515917 | MoV = 0.002820 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]
Average loss=-0.26038309931755066
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.43 step/s]

[Valid(teacher)][46][UTT][ MSE = 0.4856 | LCC = 0.6393 | SRCC = 0.6081 | [SYS][ MSE = 0.0217 | LCC = 0.9786 | SRCC = 0.9405 ]
[Valid(teacher)][46][UTT][ GML = 0.295812 | AML = 0.463057 | MoV = 0.251478 | VoV = 0.002010 | [SYS][ GML = 0.135420 | AML = 2.779333 | MoV = 0.002770 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]
Average loss=-0.2695799767971039
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.81 step/s]

[Valid(teacher)][47][UTT][ MSE = 0.4864 | LCC = 0.6387 | SRCC = 0.6070 | [SYS][ MSE = 0.0213 | LCC = 0.9780 | SRCC = 0.9460 ]
[Valid(teacher)][47][UTT][ GML = 0.293882 | AML = 0.463535 | MoV = 0.249040 | VoV = 0.001977 | [SYS][ GML = 0.145455 | AML = 2.787845 | MoV = 0.002741 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.272942453622818
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.50 step/s]

[Valid(teacher)][48][UTT][ MSE = 0.4901 | LCC = 0.6359 | SRCC = 0.6045 | [SYS][ MSE = 0.0214 | LCC = 0.9773 | SRCC = 0.9391 ]
[Valid(teacher)][48][UTT][ GML = 0.290034 | AML = 0.462768 | MoV = 0.246530 | VoV = 0.001975 | [SYS][ GML = 0.132027 | AML = 2.714233 | MoV = 0.002716 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.28727033734321594
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.64 step/s]

[Valid(teacher)][49][UTT][ MSE = 0.4898 | LCC = 0.6372 | SRCC = 0.6064 | [SYS][ MSE = 0.0218 | LCC = 0.9768 | SRCC = 0.9432 ]
[Valid(teacher)][49][UTT][ GML = 0.288211 | AML = 0.463713 | MoV = 0.244352 | VoV = 0.002040 | [SYS][ GML = 0.115400 | AML = 2.521622 | MoV = 0.002692 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.2961365282535553
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.35 step/s]

[Valid(teacher)][50][UTT][ MSE = 0.4879 | LCC = 0.6367 | SRCC = 0.6063 | [SYS][ MSE = 0.0200 | LCC = 0.9776 | SRCC = 0.9426 ]
[Valid(teacher)][50][UTT][ GML = 0.287527 | AML = 0.464726 | MoV = 0.241144 | VoV = 0.002024 | [SYS][ GML = 0.167083 | AML = 2.750125 | MoV = 0.002649 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.3082367777824402
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.24 step/s]

[Valid(teacher)][51][UTT][ MSE = 0.4886 | LCC = 0.6362 | SRCC = 0.6063 | [SYS][ MSE = 0.0184 | LCC = 0.9795 | SRCC = 0.9467 ]
[Valid(teacher)][51][UTT][ GML = 0.286670 | AML = 0.464668 | MoV = 0.240413 | VoV = 0.002016 | [SYS][ GML = 0.245389 | AML = 2.659279 | MoV = 0.002640 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]
Average loss=-0.32460265295028687
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.07 step/s]

[Valid(teacher)][52][UTT][ MSE = 0.4899 | LCC = 0.6358 | SRCC = 0.6066 | [SYS][ MSE = 0.0190 | LCC = 0.9788 | SRCC = 0.9446 ]
[Valid(teacher)][52][UTT][ GML = 0.283077 | AML = 0.465472 | MoV = 0.236760 | VoV = 0.001996 | [SYS][ GML = 0.211653 | AML = 2.667206 | MoV = 0.002602 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00, 4.14 step/s]
Average loss=-0.32795172929763794
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.66 step/s]

[Valid(teacher)][53][UTT][ MSE = 0.4955 | LCC = 0.6352 | SRCC = 0.6069 | [SYS][ MSE = 0.0219 | LCC = 0.9785 | SRCC = 0.9515 ]
[Valid(teacher)][53][UTT][ GML = 0.277641 | AML = 0.464656 | MoV = 0.233807 | VoV = 0.001958 | [SYS][ GML = 0.075728 | AML = 2.520022 | MoV = 0.002566 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]
Average loss=-0.3395595848560333
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.85 step/s]

[Valid(teacher)][54][UTT][ MSE = 0.4897 | LCC = 0.6352 | SRCC = 0.6059 | [SYS][ MSE = 0.0192 | LCC = 0.9794 | SRCC = 0.9508 ]
[Valid(teacher)][54][UTT][ GML = 0.279414 | AML = 0.466912 | MoV = 0.231290 | VoV = 0.001913 | [SYS][ GML = 0.190454 | AML = 2.585034 | MoV = 0.002544 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.3471345901489258
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.08 step/s]

[Valid(teacher)][55][UTT][ MSE = 0.4878 | LCC = 0.6355 | SRCC = 0.6055 | [SYS][ MSE = 0.0184 | LCC = 0.9809 | SRCC = 0.9515 ]
[Valid(teacher)][55][UTT][ GML = 0.279504 | AML = 0.467697 | MoV = 0.230304 | VoV = 0.001964 | [SYS][ GML = 0.256581 | AML = 2.921975 | MoV = 0.002541 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.3609265983104706
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.01 step/s]

[Valid(teacher)][56][UTT][ MSE = 0.4904 | LCC = 0.6350 | SRCC = 0.6055 | [SYS][ MSE = 0.0186 | LCC = 0.9804 | SRCC = 0.9535 ]
[Valid(teacher)][56][UTT][ GML = 0.276283 | AML = 0.468445 | MoV = 0.227190 | VoV = 0.001837 | [SYS][ GML = 0.232427 | AML = 2.852818 | MoV = 0.002504 | VoV = 0.000002 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.367022305727005
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.34 step/s]

[Valid(teacher)][57][UTT][ MSE = 0.4946 | LCC = 0.6341 | SRCC = 0.6056 | [SYS][ MSE = 0.0215 | LCC = 0.9786 | SRCC = 0.9542 ]
[Valid(teacher)][57][UTT][ GML = 0.271026 | AML = 0.468748 | MoV = 0.223875 | VoV = 0.001794 | [SYS][ GML = 0.080354 | AML = 2.828202 | MoV = 0.002463 | VoV = 0.000002 ]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.38486605882644653
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.44 step/s]

[Valid(teacher)][58][UTT][ MSE = 0.4922 | LCC = 0.6354 | SRCC = 0.6071 | [SYS][ MSE = 0.0207 | LCC = 0.9788 | SRCC = 0.9528 ]
[Valid(teacher)][58][UTT][ GML = 0.269893 | AML = 0.470278 | MoV = 0.221779 | VoV = 0.001864 | [SYS][ GML = 0.103113 | AML = 2.783664 | MoV = 0.002440 | VoV = 0.000002 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.3921690801252289
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.21 step/s]

[Valid(teacher)][59][UTT][ MSE = 0.4891 | LCC = 0.6367 | SRCC = 0.6087 | [SYS][ MSE = 0.0192 | LCC = 0.9798 | SRCC = 0.9528 ]
[Valid(teacher)][59][UTT][ GML = 0.270069 | AML = 0.472300 | MoV = 0.220159 | VoV = 0.001901 | [SYS][ GML = 0.183351 | AML = 2.847189 | MoV = 0.002425 | VoV = 0.000002 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.40512824058532715
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.74 step/s]

[Valid(teacher)][60][UTT][ MSE = 0.4941 | LCC = 0.6360 | SRCC = 0.6086 | [SYS][ MSE = 0.0237 | LCC = 0.9794 | SRCC = 0.9590 ]
[Valid(teacher)][60][UTT][ GML = 0.263115 | AML = 0.472101 | MoV = 0.215576 | VoV = 0.001878 | [SYS][ GML = 0.039154 | AML = 3.331426 | MoV = 0.002363 | VoV = 0.000002 ]
Best model performance test:
Test(best): 0% 0/4000 [00:00<, ? step/s]/home/x_xliang/.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 [00:21<00:00, 188.25 step/s]

[Test(best)][61][UTT][ MSE = 0.5005 | LCC = 0.6643 | SRCC = 0.6259 | [SYS][ MSE = 0.0786 | LCC = 0.9698 | SRCC = 0.9248 ]
[Test(best)][61][UTT][ GML = 0.325102 | AML = 0.439063 | MoV = 0.336811 | VoV = 0.001818 | [SYS][ GML = 0.000001 | AML = 1.016560 | MoV = 0.002741 | VoV = 0.000003 ]
Test(last): 100% 4000/4000 [00:20<00:00, 194.74 step/s]

[Test(last)][61][UTT][ MSE = 0.4945 | LCC = 0.6449 | SRCC = 0.6138 | [SYS][ MSE = 0.0295 | LCC = 0.9788 | SRCC = 0.9658 ]
[Test(last)][61][UTT][ GML = 0.263230 | AML = 0.472017 | MoV = 0.216190 | VoV = 0.001882 | [SYS][ GML = 0.001477 | AML = 2.307496 | MoV = 0.001732 | VoV = 0.000001 ]
(lxygpu) [x_xliangnode026 ProMOSNet]$
```