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xlypu) [x_xlian@node09 ProMOSNet]$ python train.py --lamb_c=1 --lamb_t=0 --save_path "runs/c1-t0/run2"
Loading all wav files.
100%|██████████████████████████████████████████████████████████████████████████████| 54040/54040 [08:50<00:00, 101.90it/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'][i] = self.idtable[judge_i]
Loading all wav files.
100%|██████████████████████████████████████████████████████████████████████████████| 3000/3000 [01:44<00:00, 28.68it/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'][i] = self.idtable[judge_i]
Loading all wav files.
100%|██████████████████████████████████████████████████████████████████████████████| 4000/4000 [02:20<00:00, 28.39it/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'][i] = self.idtable[judge_i]
Train: 100% 845/845 [05:09<00:00, 2.73 step/s]
Average loss=0.7669.533203125
Valid(teacher): 100% 3000/3000 [00:16<00:00, 181.92 step/s]

[Valid(teacher)][0][UTT] MSE = 2.2227 | LCC = 0.4896 | SRCC = 0.4662 | [SYS] MSE = 2.0240 | LCC = 0.8560 | SRCC = 0.8393 ]
[Valid(teacher)][0][UTT] GML = 0.077089 | AML = 0.189888 | MoV = 0.591693 | VoV = 0.015019 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.006977 | VoV = 0.000040 ]
Train: 100% 845/845 [03:23<00:00, 4.14 step/s]
Average loss=0.4010404050350189
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.38 step/s]

[Valid(teacher)][1][UTT] MSE = 2.1228 | LCC = 0.5537 | SRCC = 0.5192 | [SYS] MSE = 1.8249 | LCC = 0.9046 | SRCC = 0.8379 ]
[Valid(teacher)][1][UTT] GML = 0.031488 | AML = 0.177012 | MoV = 0.381776 | VoV = 0.010566 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004669 | VoV = 0.000022 ]
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]
Average loss=0.34144848996795654
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.88 step/s]

[Valid(teacher)][2][UTT] MSE = 1.4070 | LCC = 0.5799 | SRCC = 0.5418 | [SYS] MSE = 1.0441 | LCC = 0.9239 | SRCC = 0.8434 ]
[Valid(teacher)][2][UTT] GML = 0.094362 | AML = 0.254398 | MoV = 0.404022 | VoV = 0.009454 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004858 | VoV = 0.000021 ]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=0.3126141130924225
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.29 step/s]

[Valid(teacher)][3][UTT] MSE = 1.5451 | LCC = 0.5934 | SRCC = 0.5555 | [SYS] MSE = 1.1924 | LCC = 0.9406 | SRCC = 0.8680 ]
[Valid(teacher)][3][UTT] GML = 0.075498 | AML = 0.236147 | MoV = 0.385392 | VoV = 0.007617 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004602 | VoV = 0.000018 ]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=0.2921542525291443
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.23 step/s]

[Valid(teacher)][4][UTT] MSE = 1.6571 | LCC = 0.6107 | SRCC = 0.5721 | [SYS] MSE = 1.3217 | LCC = 0.9565 | SRCC = 0.9002 ]
[Valid(teacher)][4][UTT] GML = 0.061254 | AML = 0.221055 | MoV = 0.364071 | VoV = 0.006520 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004373 | VoV = 0.000017 ]
Train: 100% 845/845 [04:01<00:00, 3.50 step/s]
Average loss=0.2751254737377167
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.12 step/s]

[Valid(teacher)][5][UTT] MSE = 1.4869 | LCC = 0.6149 | SRCC = 0.5774 | [SYS] MSE = 1.1412 | LCC = 0.9577 | SRCC = 0.9036 ]
[Valid(teacher)][5][UTT] GML = 0.081478 | AML = 0.243587 | MoV = 0.371461 | VoV = 0.006201 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004436 | VoV = 0.000016 ]
Train: 100% 845/845 [03:27<00:00, 4.06 step/s]
Average loss=0.2622683048248291
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.46 step/s]

[Valid(teacher)][6][UTT] MSE = 1.4427 | LCC = 0.6168 | SRCC = 0.5803 | [SYS] MSE = 1.0922 | LCC = 0.9601 | SRCC = 0.9125 ]
[Valid(teacher)][6][UTT] GML = 0.087243 | AML = 0.250452 | MoV = 0.369685 | VoV = 0.005686 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004401 | VoV = 0.000016 ]
Train: 100% 845/845 [03:31<00:00, 4.00 step/s]
Average loss=0.25069180139058557
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.34 step/s]

[Valid(teacher)][7][UTT] MSE = 1.3214 | LCC = 0.6218 | SRCC = 0.5876 | [SYS] MSE = 0.9648 | LCC = 0.9648 | SRCC = 0.9262 ]
[Valid(teacher)][7][UTT] GML = 0.106592 | AML = 0.268547 | MoV = 0.372673 | VoV = 0.004980 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004413 | VoV = 0.000015 ]
Train: 100% 845/845 [03:27<00:00, 4.08 step/s]
Average loss=0.23667241632938385
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.29 step/s]

[Valid(teacher)][8][UTT] MSE = 1.2823 | LCC = 0.6228 | SRCC = 0.5933 | [SYS] MSE = 0.9240 | LCC = 0.9622 | SRCC = 0.9248 ]
[Valid(teacher)][8][UTT] GML = 0.112647 | AML = 0.275565 | MoV = 0.368084 | VoV = 0.004276 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004349 | VoV = 0.000014 ]
Train: 100% 845/845 [03:27<00:00, 4.07 step/s]
Average loss=0.2237626612186432
Valid(teacher): 100% 3000/3000 [00:15<00:00, 190.39 step/s]

[Valid(teacher)][9][UTT] MSE = 1.2218 | LCC = 0.6244 | SRCC = 0.5987 | [SYS] MSE = 0.8564 | LCC = 0.9622 | SRCC = 0.9275 ]
[Valid(teacher)][9][UTT] GML = 0.121597 | AML = 0.285376 | MoV = 0.364453 | VoV = 0.003845 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004293 | VoV = 0.000013 ]
Train: 100% 845/845 [03:26<00:00, 4.09 step/s]
Average loss=0.21448718011379242
Valid(teacher): 100% 3000/3000 [00:15<00:00, 190.22 step/s]

[Valid(teacher)][10][UTT] MSE = 1.2589 | LCC = 0.6233 | SRCC = 0.5996 | [SYS] MSE = 0.8973 | LCC = 0.9624 | SRCC = 0.9282 ]
[Valid(teacher)][10][UTT] GML = 0.112041 | AML = 0.280568 | MoV = 0.354795 | VoV = 0.003697 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004183 | VoV = 0.000013 ]
Train: 100% 845/845 [03:27<00:00, 4.08 step/s]
Average loss=0.20118491351604462
Valid(teacher): 100% 3000/3000 [00:16<00:00, 184.79 step/s]

[Valid(teacher)][11][UTT] MSE = 1.1873 | LCC = 0.6249 | SRCC = 0.6024 | [SYS] MSE = 0.8168 | LCC = 0.9622 | SRCC = 0.9296 ]
[Valid(teacher)][11][UTT] GML = 0.123142 | AML = 0.292399 | MoV = 0.352970 | VoV
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Average loss=0.11414678394794464
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.78 step/s]

[Valid(teacher)][20][UTT][MSE = 0.7506 | LCC = 0.6435 | SRCC = 0.6172] [SYS][MSE = 0.3153 | LCC = 0.9766 | SRCC = 0.9610]
[Valid(teacher)][20][UTT][GML = 0.215316 | AML = 0.378325 | MoV = 0.325975 | VoV = 0.002408] [SYS][GML = 0.000000 | AML = 0.008515 | MoV = 0.003732 | VoV = 0.000008]
Train: 100% 845/845 [03:32<00:00, 3.97 step/s]
Average loss=0.10508192330598831
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.92 step/s]

[Valid(teacher)][21][UTT][MSE = 0.7075 | LCC = 0.6466 | SRCC = 0.6204] [SYS][MSE = 0.2683 | LCC = 0.9783 | SRCC = 0.9610]
[Valid(teacher)][21][UTT][GML = 0.228644 | AML = 0.388303 | MoV = 0.322966 | VoV = 0.002399] [SYS][GML = 0.000000 | AML = 0.045090 | MoV = 0.003688 | VoV = 0.000007]
Train: 100% 845/845 [03:28<00:00, 4.04 step/s]
Average loss=0.09227070212364197
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.04 step/s]

[Valid(teacher)][22][UTT][MSE = 0.6683 | LCC = 0.6476 | SRCC = 0.6213] [SYS][MSE = 0.2206 | LCC = 0.9796 | SRCC = 0.9692]
[Valid(teacher)][22][UTT][GML = 0.240650 | AML = 0.398123 | MoV = 0.317946 | VoV = 0.002416] [SYS][GML = 0.000000 | AML = 0.156140 | MoV = 0.003621 | VoV = 0.000007]
Train: 100% 845/845 [03:36<00:00, 4.08 step/s]
Average loss=0.08617828786373138
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.58 step/s]

[Valid(teacher)][23][UTT][MSE = 0.6216 | LCC = 0.6498 | SRCC = 0.6229] [SYS][MSE = 0.1681 | LCC = 0.9807 | SRCC = 0.9672]
[Valid(teacher)][23][UTT][GML = 0.258019 | AML = 0.409815 | MoV = 0.314935 | VoV = 0.002419] [SYS][GML = 0.000000 | AML = 0.222672 | MoV = 0.003575 | VoV = 0.000007]
Train: 100% 845/845 [03:36<00:00, 3.90 step/s]
Average loss=0.08100409494161606
Valid(teacher): 100% 3000/3000 [00:15<00:00, 190.85 step/s]

[Valid(teacher)][24][UTT][MSE = 0.5831 | LCC = 0.6517 | SRCC = 0.6235] [SYS][MSE = 0.1263 | LCC = 0.9805 | SRCC = 0.9644]
[Valid(teacher)][24][UTT][GML = 0.274809 | AML = 0.420203 | MoV = 0.313308 | VoV = 0.002291] [SYS][GML = 0.000000 | AML = 0.141534 | MoV = 0.003533 | VoV = 0.000006]
Train: 100% 845/845 [03:33<00:00, 3.96 step/s]
Average loss=0.07207110524177551
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.53 step/s]

[Valid(teacher)][25][UTT][MSE = 0.5933 | LCC = 0.6510 | SRCC = 0.6229] [SYS][MSE = 0.1350 | LCC = 0.9805 | SRCC = 0.9597]
[Valid(teacher)][25][UTT][GML = 0.267762 | AML = 0.418202 | MoV = 0.309214 | VoV = 0.002338] [SYS][GML = 0.000000 | AML = 0.187341 | MoV = 0.003495 | VoV = 0.000006]
Train: 100% 845/845 [03:33<00:00, 3.95 step/s]
Average loss=0.06116683781147003
Valid(teacher): 100% 3000/3000 [00:16<00:00, 180.43 step/s]

[Valid(teacher)][26][UTT][MSE = 0.5939 | LCC = 0.6525 | SRCC = 0.6237] [SYS][MSE = 0.1394 | LCC = 0.9813 | SRCC = 0.9631]
[Valid(teacher)][26][UTT][GML = 0.265340 | AML = 0.418575 | MoV = 0.305182 | VoV = 0.002443] [SYS][GML = 0.000000 | AML = 0.211253 | MoV = 0.003456 | VoV = 0.000006]
Train: 100% 845/845 [03:33<00:00, 3.97 step/s]
Average loss=0.04972739517688751
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.09 step/s]

[Valid(teacher)][27][UTT][MSE = 0.5736 | LCC = 0.6534 | SRCC = 0.6244] [SYS][MSE = 0.1171 | LCC = 0.9818 | SRCC = 0.9665]
[Valid(teacher)][27][UTT][GML = 0.273416 | AML = 0.424642 | MoV = 0.301605 | VoV = 0.002343] [SYS][GML = 0.000000 | AML = 0.147995 | MoV = 0.003402 | VoV = 0.000006]
Train: 100% 845/845 [03:27<00:00, 4.07 step/s]
Average loss=0.03811684623360634
Valid(teacher): 100% 3000/3000 [00:16<00:00, 178.49 step/s]

[Valid(teacher)][28][UTT][MSE = 0.5482 | LCC = 0.6539 | SRCC = 0.6254] [SYS][MSE = 0.0902 | LCC = 0.9815 | SRCC = 0.9672]
[Valid(teacher)][28][UTT][GML = 0.284740 | AML = 0.432062 | MoV = 0.298682 | VoV = 0.002279] [SYS][GML = 0.000000 | AML = 0.072161 | MoV = 0.003361 | VoV = 0.000006]
Train: 100% 845/845 [03:35<00:00, 3.92 step/s]
Average loss=0.02854122221469879
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.15 step/s]

[Valid(teacher)][29][UTT][MSE = 0.5228 | LCC = 0.6574 | SRCC = 0.6275] [SYS][MSE = 0.0675 | LCC = 0.9813 | SRCC = 0.9672]
[Valid(teacher)][29][UTT][GML = 0.296797 | AML = 0.439902 | MoV = 0.296180 | VoV = 0.002244] [SYS][GML = 0.000022 | AML = 0.196443 | MoV = 0.003309 | VoV = 0.000005]
Train: 100% 845/845 [03:36<00:00, 3.90 step/s]
Average loss=0.01873120665550232
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.36 step/s]

[Valid(teacher)][30][UTT][MSE = 0.5238 | LCC = 0.6576 | SRCC = 0.6280] [SYS][MSE = 0.0706 | LCC = 0.9817 | SRCC = 0.9658]
[Valid(teacher)][30][UTT][GML = 0.294764 | AML = 0.440773 | MoV = 0.292760 | VoV = 0.002270] [SYS][GML = 0.000011 | AML = 0.137692 | MoV = 0.003268 | VoV = 0.000005]
Train: 100% 845/845 [03:28<00:00, 4.04 step/s]
Average loss=0.014053710300670998
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.87 step/s]

[Valid(teacher)][31][UTT][MSE = 0.5084 | LCC = 0.6573 | SRCC = 0.6272] [SYS][MSE = 0.0553 | LCC = 0.9811 | SRCC = 0.9610]
[Valid(teacher)][31][UTT][GML = 0.302193 | AML = 0.446011 | MoV = 0.290016 | VoV = 0.002213] [SYS][GML = 0.000193 | AML = 0.450515 | MoV = 0.003221 | VoV = 0.000005]
Train: 100% 845/845 [03:27<00:00, 4.06 step/s]
Average loss=0.004454998765140772
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.67 step/s]

[Valid(teacher)][32][UTT][MSE = 0.5163 | LCC = 0.6565 | SRCC = 0.6270] [SYS][MSE = 0.0609 | LCC = 0.9810 | SRCC = 0.9658]
[Valid(teacher)][32][UTT][GML = 0.294637 | AML = 0.444946 | MoV = 0.284867 | VoV = 0.002254] [SYS][GML = 0.000053 | AML = 0.290377 | MoV = 0.003178 | VoV = 0.000005]
Train: 100% 845/845 [03:28<00:00, 4.05 step/s]
Average loss=0.004620453342795372
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.22 step/s]

[Valid(teacher)][33][UTT][MSE = 0.5076 | LCC = 0.6576 | SRCC = 0.6285] [SYS][MSE = 0.0527 | LCC = 0.9810 | SRCC = 0.9651]
[Valid(teacher)][33][UTT][GML = 0.298297 | AML = 0.447959 | MoV = 0.282653 | VoV = 0.002189] [SYS][GML = 0.000274 | AML = 0.560639 | MoV = 0.003151 | VoV = 0.000005]
Train: 100% 845/845 [03:33<00:00, 3.96 step/s]
Average loss=0.007916940376162529
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.49 step/s]

[Valid(teacher)][34][UTT][MSE = 0.4962 | LCC = 0.6583 | SRCC = 0.6295] [SYS][MSE = 0.0418 | LCC = 0.9795 | SRCC = 0.9644]
[Valid(teacher)][34][UTT][GML = 0.303589 | AML = 0.452126 | MoV = 0.280383 | VoV = 0.002200] [SYS][GML = 0.002675 | AML = 1.480743 | MoV = 0.003123 | VoV = 0.000005]
Train: 100% 845/845 [03:29<00:00, 4.03 step/s]
Average loss=-0.01833526030775444
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.08 step/s]

[Valid(teacher)][35][UTT][MSE = 0.4984 | LCC = 0.6571 | SRCC = 0.6280] [SYS][MSE = 0.0452 | LCC = 0.9795 | SRCC = 0.9590]
[Valid(teacher)][35][UTT][GML = 0.301689 | AML = 0.452164 | MoV = 0.277830 | VoV = 0.002139] [SYS][GML = 0.001415 | AML = 1.214975 | MoV = 0.003093 | VoV = 0.000004]
Train: 100% 845/845 [03:28<00:00, 4.05 step/s]
Average loss=-0.025360306724905968
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.39 step/s]

[Valid(teacher)][36][UTT][MSE = 0.4986 | LCC = 0.6567 | SRCC = 0.6270] [SYS][MSE = 0.0471 | LCC = 0.9805 | SRCC = 0.9651]
[Valid(teacher)][36][UTT][GML = 0.299996 | AML = 0.453093 | MoV = 0.274556 | VoV = 0.002155] [SYS][GML = 0.000907 | AML = 0.976165 | MoV = 0.003053 | VoV = 0.000004]
Train: 100% 845/845 [03:32<00:00, 3.97 step/s]
Average loss=-0.03479408100247383
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.22 step/s]

[Valid(teacher)][37][UTT][MSE = 0.5019 | LCC = 0.6552 | SRCC = 0.6252] [SYS][MSE = 0.0496 | LCC = 0.9808 | SRCC = 0.9603]
[Valid(teacher)][37][UTT][GML = 0.296182 | AML = 0.453039 | MoV = 0.271990 | VoV = 0.002195] [SYS][GML = 0.000467 | AML = 0.848940 | MoV = 0.003021 | VoV = 0.000004]
Train: 100% 845/845 [03:28<00:00, 4.05 step/s]
Average loss=-0.039536330840932266
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.55 step/s]

[Valid(teacher)][38][UTT][MSE = 0.5019 | LCC = 0.6532 | SRCC = 0.6238] [SYS][MSE = 0.0440 | LCC = 0.9798 | SRCC = 0.9597]
[Valid(teacher)][38][UTT][GML = 0.293090 | AML = 0.454489 | MoV = 0.267856 | VoV = 0.002267] [SYS][GML = 0.001158 | AML = 1.404556 | MoV = 0.002973 | VoV = 0.000004]
Train: 100% 845/845 [03:27<00:00, 4.06 step/s]
Average loss=-0.05360927805304527
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.27 step/s]

[Valid(teacher)][39][UTT][MSE = 0.4981 | LCC = 0.6543 | SRCC = 0.6231] [SYS][MSE = 0.0468 | LCC = 0.9811 | SRCC = 0.9617]
[Valid(teacher)][39][UTT][GML = 0.294627 | AML = 0.455508 | MoV = 0.266074 | VoV = 0.002175] [SYS][GML = 0.000696 | AML = 1.007569 | MoV = 0.002952 | VoV = 0.000004]
Train: 100% 845/845 [03:28<00:00, 4.05 step/s]
Average loss=-0.05524725094437599
Valid(teacher): 100% 3000/3000 [00:16<00:00, 181.33 step/s]

[Valid(teacher)][40][UTT][MSE = 0.5015 | LCC = 0.6527 | SRCC = 0.6216] [SYS][MSE = 0.0453 | LCC = 0.9807 | SRCC = 0.9617]
[Valid(teacher)][40][UTT][GML = 0.290207 | AML = 0.455297 | MoV = 0.263235 | VoV = 0.002264] [SYS][GML = 0.000754 | AML = 1.146900 | MoV = 0.002918 | VoV = 0.000004]
Train: 100% 845/845 [03:27<00:00, 4.06 step/s]
Average loss=-0.060624461621046066
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.16 step/s]

[Valid(teacher)][41][UTT][MSE = 0.5094 | LCC = 0.6516 | SRCC = 0.6201] [SYS][MSE = 0.0553 | LCC = 0.9808 | SRCC = 0.9597]
[Valid(teacher)][41][UTT][GML = 0.284648 | AML = 0.453732 | MoV = 0.261464 | VoV = 0.002242] [SYS][GML = 0.000086 | AML = 0.659588 | MoV = 0.002906 | VoV = 0.000004]
Train: 100% 845/845 [03:27<00:00, 4.07 step/s]
Average loss=-0.06177982687950134
Valid(teacher): 100% 3000/3000 [00:21<00:00, 137.16 step/s]

[Valid(teacher)][42][UTT][MSE = 0.4965 | LCC = 0.6510 | SRCC = 0.6183] [SYS][MSE = 0.0461 | LCC = 0.9806 | SRCC = 0.9569]
[Valid(teacher)][42][UTT][GML = 0.293378 | AML = 0.457606 | MoV = 0.260597 | VoV = 0.002085] [SYS][GML = 0.000781 | AML = 1.029562 | MoV = 0.002884 | VoV = 0.000004]
Train: 100% 845/845 [03:28<00:00, 4.06 step/s]
Average loss=-0.07438227534294128
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.00 step/s]

[Valid(teacher)][43][UTT][MSE = 0.5030 | LCC = 0.6510 | SRCC = 0.6187] [SYS][MSE = 0.0524 | LCC = 0.9804 | SRCC = 0.9562]
[Valid(teacher)][43][UTT][GML = 0.286974 | AML = 0.456551 | MoV = 0.257487 | VoV = 0.002085] [SYS][GML = 0.000178 | AML = 0.749244 | MoV = 0.002856 | VoV = 0.000004]

```
Train: 100% 845/845 [03:28<00:00, 4.06 step/s]
Average loss=-0.07745074480772018
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.20 step/s]

[Valid(teacher)][44][UTT][ MSE = 0.4822 | LCC = 0.6491 | SRCC = 0.6173 | [SYS][ MSE = 0.0283 | LCC = 0.9787 | SRCC = 0.9515 |
[Valid(teacher)][44][UTT][ GML = 0.300613 | AML = 0.464085 | MoV = 0.256241 | VoV = 0.001901 | [SYS][ GML = 0.036133 | AML = 2.295680 | MoV = 0.002820 | VoV = 0.000003 |
Train: 100% 845/845 [03:28<00:00, 4.06 step/s]
Average loss=-0.00599800616502762
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.74 step/s]

[Valid(teacher)][45][UTT][ MSE = 0.4780 | LCC = 0.6498 | SRCC = 0.6176 | [SYS][ MSE = 0.0247 | LCC = 0.9789 | SRCC = 0.9569 |
[Valid(teacher)][45][UTT][ GML = 0.301692 | AML = 0.466005 | MoV = 0.253438 | VoV = 0.001843 | [SYS][ GML = 0.079220 | AML = 2.730701 | MoV = 0.002793 | VoV = 0.000003 |
Train: 100% 845/845 [03:32<00:00, 3.98 step/s]
Average loss=-0.0933912843465805
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.42 step/s]

[Valid(teacher)][46][UTT][ MSE = 0.4809 | LCC = 0.6478 | SRCC = 0.6165 | [SYS][ MSE = 0.0222 | LCC = 0.9782 | SRCC = 0.9569 |
[Valid(teacher)][46][UTT][ GML = 0.297131 | AML = 0.466409 | MoV = 0.250319 | VoV = 0.001922 | [SYS][ GML = 0.126877 | AML = 2.986426 | MoV = 0.002753 | VoV = 0.000003 |
Train: 100% 845/845 [03:32<00:00, 3.97 step/s]
Average loss=-0.0976102203130722
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.13 step/s]

[Valid(teacher)][47][UTT][ MSE = 0.4898 | LCC = 0.6486 | SRCC = 0.6162 | [SYS][ MSE = 0.0317 | LCC = 0.9803 | SRCC = 0.9569 |
[Valid(teacher)][47][UTT][ GML = 0.288996 | AML = 0.462412 | MoV = 0.248473 | VoV = 0.002048 | [SYS][ GML = 0.013626 | AML = 1.967089 | MoV = 0.002739 | VoV = 0.000003 |
Train: 100% 845/845 [03:29<00:00, 4.06 step/s]
Average loss=-0.10106411576271057
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.74 step/s]

[Valid(teacher)][48][UTT][ MSE = 0.4819 | LCC = 0.6490 | SRCC = 0.6160 | [SYS][ MSE = 0.0261 | LCC = 0.9799 | SRCC = 0.9597 |
[Valid(teacher)][48][UTT][ GML = 0.294719 | AML = 0.464992 | MoV = 0.248937 | VoV = 0.001988 | [SYS][ GML = 0.052078 | AML = 2.311288 | MoV = 0.002739 | VoV = 0.000003 |
Train: 100% 845/845 [03:29<00:00, 4.04 step/s]
Average loss=-0.10916156321763992
Valid(teacher): 100% 3000/3000 [00:19<00:00, 154.80 step/s]

[Valid(teacher)][49][UTT][ MSE = 0.4786 | LCC = 0.6471 | SRCC = 0.6146 | [SYS][ MSE = 0.0243 | LCC = 0.9779 | SRCC = 0.9590 |
[Valid(teacher)][49][UTT][ GML = 0.296652 | AML = 0.467337 | MoV = 0.247634 | VoV = 0.001923 | [SYS][ GML = 0.087278 | AML = 2.841283 | MoV = 0.002718 | VoV = 0.000003 |
Train: 100% 845/845 [03:28<00:00, 4.06 step/s]
Average loss=-0.11632412672042847
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.25 step/s]

[Valid(teacher)][50][UTT][ MSE = 0.4804 | LCC = 0.6474 | SRCC = 0.6141 | [SYS][ MSE = 0.0277 | LCC = 0.9780 | SRCC = 0.9583 |
[Valid(teacher)][50][UTT][ GML = 0.293595 | AML = 0.467255 | MoV = 0.245031 | VoV = 0.001935 | [SYS][ GML = 0.041580 | AML = 2.309683 | MoV = 0.002695 | VoV = 0.000003 |
Train: 100% 845/845 [03:32<00:00, 3.97 step/s]
Average loss=-0.11629682779312134
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.08 step/s]

[Valid(teacher)][51][UTT][ MSE = 0.4827 | LCC = 0.6461 | SRCC = 0.6137 | [SYS][ MSE = 0.0264 | LCC = 0.9775 | SRCC = 0.9542 |
[Valid(teacher)][51][UTT][ GML = 0.290249 | AML = 0.467088 | MoV = 0.242073 | VoV = 0.001941 | [SYS][ GML = 0.051240 | AML = 2.646040 | MoV = 0.002670 | VoV = 0.000003 |
Train: 100% 845/845 [03:27<00:00, 4.07 step/s]
Average loss=-0.1268436312675476
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.12 step/s]

[Valid(teacher)][52][UTT][ MSE = 0.4823 | LCC = 0.6449 | SRCC = 0.6133 | [SYS][ MSE = 0.0220 | LCC = 0.9764 | SRCC = 0.9576 |
[Valid(teacher)][52][UTT][ GML = 0.288342 | AML = 0.468807 | MoV = 0.238741 | VoV = 0.001894 | [SYS][ GML = 0.125405 | AML = 3.117585 | MoV = 0.002634 | VoV = 0.000003 |
Train: 100% 845/845 [03:27<00:00, 4.07 step/s]
Average loss=-0.13145825266830074
Valid(teacher): 100% 3000/3000 [00:20<00:00, 145.97 step/s]

[Valid(teacher)][53][UTT][ MSE = 0.4889 | LCC = 0.6428 | SRCC = 0.6117 | [SYS][ MSE = 0.0210 | LCC = 0.9764 | SRCC = 0.9576 |
[Valid(teacher)][53][UTT][ GML = 0.282080 | AML = 0.468391 | MoV = 0.236412 | VoV = 0.001951 | [SYS][ GML = 0.139611 | AML = 3.167420 | MoV = 0.002606 | VoV = 0.000003 |
Train: 100% 845/845 [03:27<00:00, 4.07 step/s]
Average loss=-0.13559627532958984
Valid(teacher): 100% 3000/3000 [00:16<00:00, 186.80 step/s]

[Valid(teacher)][54][UTT][ MSE = 0.4962 | LCC = 0.6446 | SRCC = 0.6116 | [SYS][ MSE = 0.0328 | LCC = 0.9791 | SRCC = 0.9631 |
[Valid(teacher)][54][UTT][ GML = 0.275459 | AML = 0.464994 | MoV = 0.235430 | VoV = 0.002049 | [SYS][ GML = 0.008697 | AML = 1.927391 | MoV = 0.002610 | VoV = 0.000003 |
Train: 100% 845/845 [03:23<00:00, 3.97 step/s]
Average loss=-0.14419025182724
Valid(teacher): 100% 3000/3000 [00:16<00:00, 183.23 step/s]

[Valid(teacher)][55][UTT][ MSE = 0.4877 | LCC = 0.6434 | SRCC = 0.6108 | [SYS][ MSE = 0.0234 | LCC = 0.9779 | SRCC = 0.9603 |
[Valid(teacher)][55][UTT][ GML = 0.275908 | AML = 0.468606 | MoV = 0.233909 | VoV = 0.001988 | [SYS][ GML = 0.088177 | AML = 2.980844 | MoV = 0.002581 | VoV = 0.000003 |
Train: 100% 845/845 [03:30<00:00, 4.02 step/s]
Average loss=-0.15063349902629852
Valid(teacher): 100% 3000/3000 [00:16<00:00, 181.50 step/s]

[Valid(teacher)][56][UTT][ MSE = 0.4841 | LCC = 0.6425 | SRCC = 0.6097 | [SYS][ MSE = 0.0210 | LCC = 0.9775 | SRCC = 0.9610 |
[Valid(teacher)][56][UTT][ GML = 0.282015 | AML = 0.471251 | MoV = 0.232436 | VoV = 0.001927 | [SYS][ GML = 0.155168 | AML = 3.233527 | MoV = 0.002555 | VoV = 0.000003 |
Train: 100% 845/845 [03:28<00:00, 4.05 step/s]
Average loss=-0.15482832491397858
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.89 step/s]

[Valid(teacher)][57][UTT][ MSE = 0.4865 | LCC = 0.6414 | SRCC = 0.6097 | [SYS][ MSE = 0.0204 | LCC = 0.9768 | SRCC = 0.9624 |
[Valid(teacher)][57][UTT][ GML = 0.278270 | AML = 0.471736 | MoV = 0.229645 | VoV = 0.001936 | [SYS][ GML = 0.173105 | AML = 3.167282 | MoV = 0.002523 | VoV = 0.000003 |
Train: 100% 845/845 [03:30<00:00, 4.01 step/s]
Average loss=-0.15642227232456207
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.23 step/s]

[Valid(teacher)][58][UTT][ MSE = 0.4890 | LCC = 0.6412 | SRCC = 0.6099 | [SYS][ MSE = 0.0197 | LCC = 0.9779 | SRCC = 0.9610 |
[Valid(teacher)][58][UTT][ GML = 0.275908 | AML = 0.471222 | MoV = 0.228698 | VoV = 0.001954 | [SYS][ GML = 0.209667 | AML = 3.262863 | MoV = 0.002512 | VoV = 0.000003 |
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.167559415102005
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.87 step/s]

[Valid(teacher)][59][UTT][ MSE = 0.4911 | LCC = 0.6396 | SRCC = 0.6087 | [SYS][ MSE = 0.0196 | LCC = 0.9780 | SRCC = 0.9610 |
[Valid(teacher)][59][UTT][ GML = 0.272321 | AML = 0.471761 | MoV = 0.226346 | VoV = 0.001977 | [SYS][ GML = 0.205784 | AML = 3.341394 | MoV = 0.002489 | VoV = 0.000003 |
Train: 100% 845/845 [03:29<00:00, 4.03 step/s]
Average loss=-0.16659027338027954
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.89 step/s]

[Valid(teacher)][60][UTT][ MSE = 0.4919 | LCC = 0.6393 | SRCC = 0.6079 | [SYS][ MSE = 0.0205 | LCC = 0.9788 | SRCC = 0.9644 |
[Valid(teacher)][60][UTT][ GML = 0.270275 | AML = 0.471127 | MoV = 0.225294 | VoV = 0.001944 | [SYS][ GML = 0.162970 | AML = 3.296789 | MoV = 0.002487 | VoV = 0.000003 |
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 [00:20<00:00, 191.35 step/s]

[Test(best)][61][UTT][ MSE = 0.4861 | LCC = 0.6698 | SRCC = 0.6370 | [SYS][ MSE = 0.0383 | LCC = 0.9818 | SRCC = 0.9733 |
[Test(best)][61][UTT][ GML = 0.309442 | AML = 0.460213 | MoV = 0.280456 | VoV = 0.002176 | [SYS][ GML = 0.000687 | AML = 1.577659 | MoV = 0.002287 | VoV = 0.000002 |
Test(last): 100% 4000/4000 [00:20<00:00, 196.41 step/s]

[Test(last)][61][UTT][ MSE = 0.4752 | LCC = 0.6584 | SRCC = 0.6279 | [SYS][ MSE = 0.0184 | LCC = 0.9808 | SRCC = 0.9706 |
[Test(last)][61][UTT][ GML = 0.282391 | AML = 0.479375 | MoV = 0.226340 | VoV = 0.002003 | [SYS][ GML = 0.113663 | AML = 3.307333 | MoV = 0.001814 | VoV = 0.000001 |
(lxygpu) [x_xliang@node009 ProMOSNet]$
```