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xlynpd [x_xlian@node049 ProMOSNet]$ python train.py --lambda_c=0 --save_path "runs/c0-t5e-1/run2"
Loading all wav files.
100%|███████████████████████████████████████████████████████████████████████████| 54040/54040 [08:04<00:00, 111.55it/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 [01:45<00:00, 28.50it/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 [02:21<00:00, 28.34it/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 [03:30<00:00, 4.02 step/s]
Average loss=65312.0
Valid(teacher): 100% 3000/3000 [00:16<00:00, 185.75 step/s]

[Valid(teacher)][0][UTT] MSE = 0.6904 | LCC = 0.5036 | SRCC = 0.4763 | [SYS] MSE = 0.2973 | LCC = 0.8320 | SRCC = 0.8605 ]
[Valid(teacher)][0][UTT] GML = 0.287871 | AML = 0.344791 | MoV = 0.621905 | VoV = 0.007466 | [SYS] GML = 0.000000 | AML = 0.546869 | MoV = 0.007214 | VoV = 0.000035 ]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=0.3526265025138855
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.81 step/s]

[Valid(teacher)][1][UTT] MSE = 1.0241 | LCC = 0.5556 | SRCC = 0.5182 | [SYS] MSE = 0.5072 | LCC = 0.8796 | SRCC = 0.8250 ]
[Valid(teacher)][1][UTT] GML = 0.226410 | AML = 0.297080 | MoV = 0.661181 | VoV = 0.001116 | [SYS] GML = 0.000000 | AML = 0.049675 | MoV = 0.007537 | VoV = 0.000031 ]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=0.2946597635746002
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.16 step/s]

[Valid(teacher)][2][UTT] MSE = 0.5568 | LCC = 0.6008 | SRCC = 0.5564 | [SYS] MSE = 0.0813 | LCC = 0.9323 | SRCC = 0.8701 ]
[Valid(teacher)][2][UTT] GML = 0.325224 | AML = 0.376678 | MoV = 0.571862 | VoV = 0.002602 | [SYS] GML = 0.000588 | AML = 1.510310 | MoV = 0.006464 | VoV = 0.000021 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=0.25292524695396423
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.60 step/s]

[Valid(teacher)][3][UTT] MSE = 0.6318 | LCC = 0.6128 | SRCC = 0.5704 | [SYS] MSE = 0.1459 | LCC = 0.9404 | SRCC = 0.8858 ]
[Valid(teacher)][3][UTT] GML = 0.303803 | AML = 0.370163 | MoV = 0.537727 | VoV = 0.003271 | [SYS] GML = 0.000000 | AML = 0.259600 | MoV = 0.005980 | VoV = 0.000015 ]
Train: 100% 845/845 [03:25<00:00, 4.10 step/s]
Average loss=0.23321036994457245
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.36 step/s]

[Valid(teacher)][4][UTT] MSE = 0.4813 | LCC = 0.6326 | SRCC = 0.5846 | [SYS] MSE = 0.0325 | LCC = 0.9593 | SRCC = 0.9097 ]
[Valid(teacher)][4][UTT] GML = 0.348724 | AML = 0.402122 | MoV = 0.508275 | VoV = 0.003439 | [SYS] GML = 0.161911 | AML = 2.033854 | MoV = 0.005650 | VoV = 0.000013 ]
Train: 100% 845/845 [03:26<00:00, 4.10 step/s]
Average loss=0.2073463797569275
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.58 step/s]

[Valid(teacher)][5][UTT] MSE = 0.4982 | LCC = 0.6357 | SRCC = 0.5861 | [SYS] MSE = 0.0566 | LCC = 0.9646 | SRCC = 0.9214 ]
[Valid(teacher)][5][UTT] GML = 0.340924 | AML = 0.404490 | MoV = 0.482221 | VoV = 0.003852 | [SYS] GML = 0.021229 | AML = 1.599007 | MoV = 0.005398 | VoV = 0.000013 ]
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]
Average loss=0.18609532713890076
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.01 step/s]

[Valid(teacher)][6][UTT] MSE = 0.5630 | LCC = 0.6348 | SRCC = 0.5856 | [SYS] MSE = 0.1205 | LCC = 0.9682 | SRCC = 0.9200 ]
[Valid(teacher)][6][UTT] GML = 0.314393 | AML = 0.397729 | MoV = 0.453214 | VoV = 0.003899 | [SYS] GML = 0.000008 | AML = 0.659677 | MoV = 0.005080 | VoV = 0.000012 ]
Train: 100% 845/845 [03:24<00:00, 4.12 step/s]
Average loss=0.1738302556605072
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.35 step/s]

[Valid(teacher)][7][UTT] MSE = 0.6652 | LCC = 0.6345 | SRCC = 0.5864 | [SYS] MSE = 0.2318 | LCC = 0.9710 | SRCC = 0.9262 ]
[Valid(teacher)][7][UTT] GML = 0.275014 | AML = 0.381300 | MoV = 0.431056 | VoV = 0.004132 | [SYS] GML = 0.000000 | AML = 0.008569 | MoV = 0.004857 | VoV = 0.000011 ]
Train: 100% 845/845 [03:26<00:00, 4.10 step/s]
Average loss=0.15246592462062836
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.48 step/s]

[Valid(teacher)][8][UTT] MSE = 0.7708 | LCC = 0.6329 | SRCC = 0.5855 | [SYS] MSE = 0.3388 | LCC = 0.9720 | SRCC = 0.9330 ]
[Valid(teacher)][8][UTT] GML = 0.233297 | AML = 0.365061 | MoV = 0.404973 | VoV = 0.004301 | [SYS] GML = 0.000000 | AML = 0.000005 | MoV = 0.004589 | VoV = 0.000010 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=0.1330263465642929
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.14 step/s]

[Valid(teacher)][9][UTT] MSE = 0.9750 | LCC = 0.6249 | SRCC = 0.5787 | [SYS] MSE = 0.5430 | LCC = 0.9731 | SRCC = 0.9432 ]
[Valid(teacher)][9][UTT] GML = 0.167897 | AML = 0.330077 | MoV = 0.378112 | VoV = 0.004403 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004316 | VoV = 0.000010 ]
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]
Average loss=0.11740724742412567
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.82 step/s]

[Valid(teacher)][10][UTT] MSE = 1.0080 | LCC = 0.6249 | SRCC = 0.5799 | [SYS] MSE = 0.5776 | LCC = 0.9748 | SRCC = 0.9426 ]
[Valid(teacher)][10][UTT] GML = 0.158861 | AML = 0.325469 | MoV = 0.369549 | VoV = 0.004198 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004218 | VoV = 0.000009 ]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=0.10545681416988373
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.36 step/s]

[Valid(teacher)][11][UTT] MSE = 0.8415 | LCC = 0.6303 | SRCC = 0.5872 | [SYS] MSE = 0.4076 | LCC = 0.9757 | SRCC = 0.9426 ]
[Valid(teacher)][11][UTT] GML = 0.208209 | AML = 0.355625 | MoV = 0.381593 | VoV = 0.003894 | [SYS] GML = 0.000
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Average loss=-0.027625858783721924
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.41 step/s]

[Valid(teacher)][20][UTT][MSE = 0.6318 | LCC = 0.6305 | SRCC = 0.5903 | SYS][MSE = 0.1646 | LCC = 0.9832 | SRCC = 0.9371]
[Valid(teacher)][20][UTT][GML = 0.265496 | AML = 0.405985 | MoV = 0.350603 | VoV = 0.003452 | SYS][GML = 0.000000 | AML = 0.000928 | MoV = 0.003944 | VoV = 0.000007]
Train: 100% 845/845 [03:28<00:00, 4.06 step/s]
Average loss=-0.04427526518702507
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.87 step/s]

[Valid(teacher)][21][UTT][MSE = 0.6460 | LCC = 0.6279 | SRCC = 0.5883 | SYS][MSE = 0.1738 | LCC = 0.9821 | SRCC = 0.9214]
[Valid(teacher)][21][UTT][GML = 0.256147 | AML = 0.405102 | MoV = 0.343663 | VoV = 0.003584 | SYS][GML = 0.000000 | AML = 0.000336 | MoV = 0.003862 | VoV = 0.000007]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.05111557990312576
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.63 step/s]

[Valid(teacher)][22][UTT][MSE = 0.6277 | LCC = 0.6205 | SRCC = 0.5892 | SYS][MSE = 0.1554 | LCC = 0.9829 | SRCC = 0.9132]
[Valid(teacher)][22][UTT][GML = 0.262768 | AML = 0.409634 | MoV = 0.341689 | VoV = 0.003422 | SYS][GML = 0.000000 | AML = 0.001077 | MoV = 0.003836 | VoV = 0.000007]
Train: 100% 845/845 [03:22<00:00, 4.17 step/s]
Average loss=-0.0665060430765152
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.46 step/s]

[Valid(teacher)][23][UTT][MSE = 0.6418 | LCC = 0.6275 | SRCC = 0.5884 | SYS][MSE = 0.1701 | LCC = 0.9837 | SRCC = 0.9275]
[Valid(teacher)][23][UTT][GML = 0.254408 | AML = 0.408174 | MoV = 0.334454 | VoV = 0.003323 | SYS][GML = 0.000000 | AML = 0.000181 | MoV = 0.003753 | VoV = 0.000006]
Train: 100% 845/845 [03:20<00:00, 4.14 step/s]
Average loss=-0.07062231890426487
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.46 step/s]

[Valid(teacher)][24][UTT][MSE = 0.5987 | LCC = 0.6302 | SRCC = 0.5905 | SYS][MSE = 0.1253 | LCC = 0.9840 | SRCC = 0.9275]
[Valid(teacher)][24][UTT][GML = 0.271330 | AML = 0.418511 | MoV = 0.332025 | VoV = 0.003150 | SYS][GML = 0.000000 | AML = 0.008193 | MoV = 0.003721 | VoV = 0.000006]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.09358197450637817
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.78 step/s]

[Valid(teacher)][25][UTT][MSE = 0.5792 | LCC = 0.6313 | SRCC = 0.5917 | SYS][MSE = 0.1038 | LCC = 0.9835 | SRCC = 0.9275]
[Valid(teacher)][25][UTT][GML = 0.277670 | AML = 0.423696 | MoV = 0.325907 | VoV = 0.003066 | SYS][GML = 0.000000 | AML = 0.044883 | MoV = 0.003648 | VoV = 0.000006]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.10595623403787613
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.49 step/s]

[Valid(teacher)][26][UTT][MSE = 0.5779 | LCC = 0.6285 | SRCC = 0.5892 | SYS][MSE = 0.0979 | LCC = 0.9836 | SRCC = 0.9262]
[Valid(teacher)][26][UTT][GML = 0.275525 | AML = 0.425353 | MoV = 0.321222 | VoV = 0.003201 | SYS][GML = 0.000000 | AML = 0.085567 | MoV = 0.003592 | VoV = 0.000006]
Train: 100% 845/845 [03:28<00:00, 4.06 step/s]
Average loss=-0.11489757150411606
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.68 step/s]

[Valid(teacher)][27][UTT][MSE = 0.5753 | LCC = 0.6307 | SRCC = 0.5917 | SYS][MSE = 0.0956 | LCC = 0.9838 | SRCC = 0.9303]
[Valid(teacher)][27][UTT][GML = 0.274023 | AML = 0.427194 | MoV = 0.315958 | VoV = 0.003257 | SYS][GML = 0.000000 | AML = 0.095071 | MoV = 0.003544 | VoV = 0.000006]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.12182588875293732
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.46 step/s]

[Valid(teacher)][28][UTT][MSE = 0.5657 | LCC = 0.6306 | SRCC = 0.5907 | SYS][MSE = 0.0874 | LCC = 0.9840 | SRCC = 0.9227]
[Valid(teacher)][28][UTT][GML = 0.277771 | AML = 0.429969 | MoV = 0.313601 | VoV = 0.003220 | SYS][GML = 0.000001 | AML = 0.160293 | MoV = 0.003519 | VoV = 0.000005]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.1350931078195572
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.29 step/s]

[Valid(teacher)][29][UTT][MSE = 0.5693 | LCC = 0.6298 | SRCC = 0.5891 | SYS][MSE = 0.0890 | LCC = 0.9844 | SRCC = 0.9234]
[Valid(teacher)][29][UTT][GML = 0.273889 | AML = 0.430112 | MoV = 0.308606 | VoV = 0.003164 | SYS][GML = 0.000001 | AML = 0.134280 | MoV = 0.003457 | VoV = 0.000005]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.14956340193748474
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.05 step/s]

[Valid(teacher)][30][UTT][MSE = 0.5936 | LCC = 0.6270 | SRCC = 0.5862 | SYS][MSE = 0.1110 | LCC = 0.9848 | SRCC = 0.9248]
[Valid(teacher)][30][UTT][GML = 0.258204 | AML = 0.425976 | MoV = 0.303057 | VoV = 0.003264 | SYS][GML = 0.000000 | AML = 0.021881 | MoV = 0.003410 | VoV = 0.000005]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.1420242041349411
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.52 step/s]

[Valid(teacher)][31][UTT][MSE = 0.5795 | LCC = 0.6261 | SRCC = 0.5847 | SYS][MSE = 0.0954 | LCC = 0.9844 | SRCC = 0.9248]
[Valid(teacher)][31][UTT][GML = 0.262714 | AML = 0.430479 | MoV = 0.299127 | VoV = 0.003208 | SYS][GML = 0.000000 | AML = 0.094705 | MoV = 0.003359 | VoV = 0.000005]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.15618139505386353
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.38 step/s]

[Valid(teacher)][32][UTT][MSE = 0.6008 | LCC = 0.6241 | SRCC = 0.5837 | SYS][MSE = 0.1151 | LCC = 0.9848 | SRCC = 0.9248]
[Valid(teacher)][32][UTT][GML = 0.248159 | AML = 0.426465 | MoV = 0.293995 | VoV = 0.003440 | SYS][GML = 0.000000 | AML = 0.024592 | MoV = 0.003310 | VoV = 0.000005]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.1798031771434784
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.72 step/s]

[Valid(teacher)][33][UTT][MSE = 0.5741 | LCC = 0.6260 | SRCC = 0.5859 | SYS][MSE = 0.0859 | LCC = 0.9848 | SRCC = 0.9289]
[Valid(teacher)][33][UTT][GML = 0.258890 | AML = 0.433393 | MoV = 0.290234 | VoV = 0.003343 | SYS][GML = 0.000000 | AML = 0.134730 | MoV = 0.003261 | VoV = 0.000005]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.19456900656223297
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.88 step/s]

[Valid(teacher)][34][UTT][MSE = 0.6096 | LCC = 0.6250 | SRCC = 0.5850 | SYS][MSE = 0.1230 | LCC = 0.9861 | SRCC = 0.9398]
[Valid(teacher)][34][UTT][GML = 0.235169 | AML = 0.426422 | MoV = 0.282914 | VoV = 0.003533 | SYS][GML = 0.000000 | AML = 0.020084 | MoV = 0.003189 | VoV = 0.000005]
Train: 100% 845/845 [03:23<00:00, 4.14 step/s]
Average loss=-0.20528322458267212
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.02 step/s]

[Valid(teacher)][35][UTT][MSE = 0.6035 | LCC = 0.6250 | SRCC = 0.5855 | SYS][MSE = 0.1189 | LCC = 0.9850 | SRCC = 0.9378]
[Valid(teacher)][35][UTT][GML = 0.236140 | AML = 0.428855 | MoV = 0.279410 | VoV = 0.003425 | SYS][GML = 0.000000 | AML = 0.033663 | MoV = 0.003150 | VoV = 0.000005]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.21804432570934296
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.43 step/s]

[Valid(teacher)][36][UTT][MSE = 0.5947 | LCC = 0.6249 | SRCC = 0.5854 | SYS][MSE = 0.1107 | LCC = 0.9846 | SRCC = 0.9364]
[Valid(teacher)][36][UTT][GML = 0.239040 | AML = 0.432155 | MoV = 0.276112 | VoV = 0.003330 | SYS][GML = 0.000000 | AML = 0.051354 | MoV = 0.003111 | VoV = 0.000004]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.23167110979557037
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.60 step/s]

[Valid(teacher)][37][UTT][MSE = 0.6041 | LCC = 0.6237 | SRCC = 0.5840 | SYS][MSE = 0.1152 | LCC = 0.9856 | SRCC = 0.9432]
[Valid(teacher)][37][UTT][GML = 0.228870 | AML = 0.431369 | MoV = 0.270718 | VoV = 0.003494 | SYS][GML = 0.000000 | AML = 0.031836 | MoV = 0.003051 | VoV = 0.000004]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.24224208295345306
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.06 step/s]

[Valid(teacher)][38][UTT][MSE = 0.5850 | LCC = 0.6237 | SRCC = 0.5838 | SYS][MSE = 0.0963 | LCC = 0.9850 | SRCC = 0.9344]
[Valid(teacher)][38][UTT][GML = 0.240680 | AML = 0.435527 | MoV = 0.269381 | VoV = 0.003177 | SYS][GML = 0.000000 | AML = 0.068117 | MoV = 0.003030 | VoV = 0.000004]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.25168633460998535
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.85 step/s]

[Valid(teacher)][39][UTT][MSE = 0.5593 | LCC = 0.6252 | SRCC = 0.5841 | SYS][MSE = 0.0729 | LCC = 0.9843 | SRCC = 0.9357]
[Valid(teacher)][39][UTT][GML = 0.254862 | AML = 0.442027 | MoV = 0.268170 | VoV = 0.003057 | SYS][GML = 0.000003 | AML = 0.299787 | MoV = 0.003005 | VoV = 0.000004]
Train: 100% 845/845 [03:26<00:00, 4.10 step/s]
Average loss=-0.23908716440200806
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.21 step/s]

[Valid(teacher)][40][UTT][MSE = 0.5513 | LCC = 0.6238 | SRCC = 0.5826 | SYS][MSE = 0.0631 | LCC = 0.9839 | SRCC = 0.9330]
[Valid(teacher)][40][UTT][GML = 0.259241 | AML = 0.443768 | MoV = 0.266221 | VoV = 0.002892 | SYS][GML = 0.000028 | AML = 0.584525 | MoV = 0.002985 | VoV = 0.000004]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.2639535367488861
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.58 step/s]

[Valid(teacher)][41][UTT][MSE = 0.5606 | LCC = 0.6236 | SRCC = 0.5823 | SYS][MSE = 0.0723 | LCC = 0.9843 | SRCC = 0.9330]
[Valid(teacher)][41][UTT][GML = 0.252009 | AML = 0.442391 | MoV = 0.262839 | VoV = 0.002806 | SYS][GML = 0.000003 | AML = 0.282094 | MoV = 0.002950 | VoV = 0.000004]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.2802365720272064
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.02 step/s]

[Valid(teacher)][42][UTT][MSE = 0.5499 | LCC = 0.6219 | SRCC = 0.5807 | SYS][MSE = 0.0654 | LCC = 0.9831 | SRCC = 0.9303]
[Valid(teacher)][42][UTT][GML = 0.257303 | AML = 0.445603 | MoV = 0.259004 | VoV = 0.002538 | SYS][GML = 0.000017 | AML = 0.668583 | MoV = 0.002905 | VoV = 0.000004]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.28757351636886597
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.61 step/s]

[Valid(teacher)][43][UTT][MSE = 0.5590 | LCC = 0.6221 | SRCC = 0.5817 | SYS][MSE = 0.0736 | LCC = 0.9837 | SRCC = 0.9330]
[Valid(teacher)][43][UTT][GML = 0.249907 | AML = 0.443462 | MoV = 0.256013 | VoV = 0.002607 | SYS][GML = 0.000002 | AML = 0.337249 | MoV = 0.002874 | VoV = 0.000004]

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Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.3008136749267578
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.32 step/s]

[Valid(teacher)][44][UTT][ MSE = 0.5620 | LCC = 0.6220 | SRCC = 0.5816 | [SYS][ MSE = 0.0796 | LCC = 0.9832 | SRCC = 0.9323 ]
[Valid(teacher)][44][UTT][ GML = 0.245199 | AML = 0.442674 | MoV = 0.252687 | VoV = 0.002667 | [SYS][ GML = 0.000001 | AML = 0.280993 | MoV = 0.002848 | VoV = 0.000004 ]
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]
Average loss=-0.313915697203827
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.87 step/s]

[Valid(teacher)][45][UTT][ MSE = 0.5515 | LCC = 0.6228 | SRCC = 0.5822 | [SYS][ MSE = 0.0711 | LCC = 0.9832 | SRCC = 0.9378 ]
[Valid(teacher)][45][UTT][ GML = 0.249660 | AML = 0.445608 | MoV = 0.250872 | VoV = 0.002623 | [SYS][ GML = 0.000005 | AML = 0.520123 | MoV = 0.002827 | VoV = 0.000004 ]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.3212336003780365
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.50 step/s]

[Valid(teacher)][46][UTT][ MSE = 0.5248 | LCC = 0.6225 | SRCC = 0.5808 | [SYS][ MSE = 0.0487 | LCC = 0.9816 | SRCC = 0.9330 ]
[Valid(teacher)][46][UTT][ GML = 0.266816 | AML = 0.452116 | MoV = 0.250697 | VoV = 0.002457 | [SYS][ GML = 0.001014 | AML = 2.042748 | MoV = 0.002812 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00, 4.12 step/s]
Average loss=-0.32654202450675964
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.62 step/s]

[Valid(teacher)][47][UTT][ MSE = 0.5120 | LCC = 0.6234 | SRCC = 0.5822 | [SYS][ MSE = 0.0388 | LCC = 0.9808 | SRCC = 0.9398 ]
[Valid(teacher)][47][UTT][ GML = 0.275295 | AML = 0.455864 | MoV = 0.249555 | VoV = 0.002313 | [SYS][ GML = 0.010804 | AML = 2.325302 | MoV = 0.002797 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00, 4.14 step/s]
Average loss=-0.33233505487442017
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.94 step/s]

[Valid(teacher)][48][UTT][ MSE = 0.5087 | LCC = 0.6228 | SRCC = 0.5815 | [SYS][ MSE = 0.0348 | LCC = 0.9806 | SRCC = 0.9330 ]
[Valid(teacher)][48][UTT][ GML = 0.276280 | AML = 0.456997 | MoV = 0.247238 | VoV = 0.002240 | [SYS][ GML = 0.025094 | AML = 2.245091 | MoV = 0.002768 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.3445710241794586
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.72 step/s]

[Valid(teacher)][49][UTT][ MSE = 0.5177 | LCC = 0.6241 | SRCC = 0.5829 | [SYS][ MSE = 0.0388 | LCC = 0.9818 | SRCC = 0.9460 ]
[Valid(teacher)][49][UTT][ GML = 0.266964 | AML = 0.455720 | MoV = 0.242842 | VoV = 0.002294 | [SYS][ GML = 0.006623 | AML = 2.403452 | MoV = 0.002723 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.3516848683357239
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.73 step/s]

[Valid(teacher)][50][UTT][ MSE = 0.5270 | LCC = 0.6229 | SRCC = 0.5818 | [SYS][ MSE = 0.0496 | LCC = 0.9819 | SRCC = 0.9439 ]
[Valid(teacher)][50][UTT][ GML = 0.258588 | AML = 0.454791 | MoV = 0.240143 | VoV = 0.002345 | [SYS][ GML = 0.000595 | AML = 1.927892 | MoV = 0.002699 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00, 4.14 step/s]
Average loss=-0.366919159892212
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.09 step/s]

[Valid(teacher)][51][UTT][ MSE = 0.5215 | LCC = 0.6232 | SRCC = 0.5819 | [SYS][ MSE = 0.0460 | LCC = 0.9808 | SRCC = 0.9439 ]
[Valid(teacher)][51][UTT][ GML = 0.260070 | AML = 0.456210 | MoV = 0.238078 | VoV = 0.002396 | [SYS][ GML = 0.001400 | AML = 2.264975 | MoV = 0.002665 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.37468284368515015
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.14 step/s]

[Valid(teacher)][52][UTT][ MSE = 0.5277 | LCC = 0.6226 | SRCC = 0.5818 | [SYS][ MSE = 0.0493 | LCC = 0.9820 | SRCC = 0.9432 ]
[Valid(teacher)][52][UTT][ GML = 0.252798 | AML = 0.455639 | MoV = 0.234448 | VoV = 0.002365 | [SYS][ GML = 0.000565 | AML = 1.899805 | MoV = 0.002631 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00, 4.14 step/s]
Average loss=-0.3760606050491333
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.76 step/s]

[Valid(teacher)][53][UTT][ MSE = 0.5271 | LCC = 0.6216 | SRCC = 0.5803 | [SYS][ MSE = 0.0496 | LCC = 0.9822 | SRCC = 0.9344 ]
[Valid(teacher)][53][UTT][ GML = 0.253504 | AML = 0.455646 | MoV = 0.233370 | VoV = 0.002265 | [SYS][ GML = 0.000520 | AML = 1.879105 | MoV = 0.002615 | VoV = 0.000003 ]
Train: 100% 845/845 [03:22<00:00, 4.17 step/s]
Average loss=-0.3917209208011627
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.68 step/s]

[Valid(teacher)][54][UTT][ MSE = 0.5106 | LCC = 0.6209 | SRCC = 0.5795 | [SYS][ MSE = 0.0351 | LCC = 0.9811 | SRCC = 0.9426 ]
[Valid(teacher)][54][UTT][ GML = 0.264003 | AML = 0.459735 | MoV = 0.232301 | VoV = 0.002117 | [SYS][ GML = 0.020124 | AML = 2.385437 | MoV = 0.002600 | VoV = 0.000003 ]
Train: 100% 845/845 [00:04<00:00, 4.15 step/s]
Average loss=-0.3952292203903198
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.40 step/s]

[Valid(teacher)][55][UTT][ MSE = 0.5135 | LCC = 0.6214 | SRCC = 0.5799 | [SYS][ MSE = 0.0394 | LCC = 0.9824 | SRCC = 0.9432 ]
[Valid(teacher)][55][UTT][ GML = 0.260596 | AML = 0.459281 | MoV = 0.230492 | VoV = 0.002114 | [SYS][ GML = 0.007496 | AML = 2.356268 | MoV = 0.002576 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.3990667760372162
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.00 step/s]

[Valid(teacher)][56][UTT][ MSE = 0.5124 | LCC = 0.6216 | SRCC = 0.5803 | [SYS][ MSE = 0.0418 | LCC = 0.9822 | SRCC = 0.9426 ]
[Valid(teacher)][56][UTT][ GML = 0.261866 | AML = 0.460083 | MoV = 0.230771 | VoV = 0.002099 | [SYS][ GML = 0.005139 | AML = 2.362744 | MoV = 0.002579 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.4125075936317444
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.09 step/s]

[Valid(teacher)][57][UTT][ MSE = 0.5043 | LCC = 0.6203 | SRCC = 0.5791 | [SYS][ MSE = 0.0350 | LCC = 0.9803 | SRCC = 0.9378 ]
[Valid(teacher)][57][UTT][ GML = 0.267233 | AML = 0.463124 | MoV = 0.229738 | VoV = 0.001932 | [SYS][ GML = 0.028964 | AML = 2.109424 | MoV = 0.002564 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.4162720739841461
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.14 step/s]

[Valid(teacher)][58][UTT][ MSE = 0.5029 | LCC = 0.6219 | SRCC = 0.5808 | [SYS][ MSE = 0.0357 | LCC = 0.9801 | SRCC = 0.9378 ]
[Valid(teacher)][58][UTT][ GML = 0.267368 | AML = 0.464359 | MoV = 0.228929 | VoV = 0.001950 | [SYS][ GML = 0.022420 | AML = 2.094503 | MoV = 0.002556 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]
Average loss=-0.4292220175266266
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.90 step/s]

[Valid(teacher)][59][UTT][ MSE = 0.5009 | LCC = 0.6221 | SRCC = 0.5809 | [SYS][ MSE = 0.0335 | LCC = 0.9804 | SRCC = 0.9391 ]
[Valid(teacher)][59][UTT][ GML = 0.266657 | AML = 0.466073 | MoV = 0.226135 | VoV = 0.001901 | [SYS][ GML = 0.033730 | AML = 2.138747 | MoV = 0.002520 | VoV = 0.000003 ]
Train: 100% 845/845 [09:28<00:00, 1.49 step/s]
Average loss=-0.4336712062358856
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.30 step/s]

[Valid(teacher)][60][UTT][ MSE = 0.5043 | LCC = 0.6195 | SRCC = 0.5787 | [SYS][ MSE = 0.0367 | LCC = 0.9804 | SRCC = 0.9405 ]
[Valid(teacher)][60][UTT][ GML = 0.262930 | AML = 0.465049 | MoV = 0.224780 | VoV = 0.001913 | [SYS][ GML = 0.019807 | AML = 2.177173 | MoV = 0.002507 | 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, 193.82 step/s]

[Test(best)][61][UTT][ MSE = 0.4946 | LCC = 0.6438 | SRCC = 0.6083 | [SYS][ MSE = 0.0533 | LCC = 0.9586 | SRCC = 0.9412 ]
[Test(best)][61][UTT][ GML = 0.341585 | AML = 0.407290 | MoV = 0.480070 | VoV = 0.003984 | [SYS][ GML = 0.008714 | AML = 1.283378 | MoV = 0.003945 | VoV = 0.000007 ]
Test(last): 100% 4000/4000 [00:19<00:00, 200.85 step/s]

[Test(last)][61][UTT][ MSE = 0.4989 | LCC = 0.6316 | SRCC = 0.6030 | [SYS][ MSE = 0.0404 | LCC = 0.9736 | SRCC = 0.9576 ]
[Test(last)][61][UTT][ GML = 0.264589 | AML = 0.407272 | MoV = 0.224815 | VoV = 0.001908 | [SYS][ GML = 0.004076 | AML = 2.102175 | MoV = 0.001837 | VoV = 0.000001 ]
(lxygpu) [x_xliang@node049 ProMOSNet]$
```