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xgboost --x_xlian_note012 ProMOSNet.py python train.py --lamb_c=0.5 --lamb_t=0.5 --save_path "runs/c5e-1/run4"
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Loading all wav files.  
100%|██████████████████████████████████████████████████████████████████████████████| 54040/54040 [08:00<00:00, 112.49it/s]  
/pro/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 [01:46<00:00, 28.23it/s]  
/pro/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 [02:25<00:00, 27.42it/s]  
/pro/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 [03:25<00:00, 4.11 step/s]  
Average loss=79449.3125  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 190.79 step/s]  
  
[Valid(teacher)][0][UTT] MSE = 1.0208 | LCC = 0.4821 | SRCC = 0.4603 | [SYS][ MSE = 0.6850 | LCC = 0.8444 | SRCC = 0.8735 ]  
[Valid(teacher)][0][UTT] GML = 0.216354 | AML = 0.305015 | MoV = 0.593954 | VoV = 0.009480 | [SYS][ GML = 0.000000 | AML = 0.055349 | MoV = 0.006939 | VoV = 0.000033 ]  
Train: 100% 845/845 [06:16<00:00, 2.25 step/s]  
Average loss=0.4324706196784973  
Valid(teacher): 100% 3000/3000 [00:25<00:00, 119.58 step/s]  
  
[Valid(teacher)][1][UTT] MSE = 0.8831 | LCC = 0.5665 | SRCC = 0.5325 | [SYS][ MSE = 0.4547 | LCC = 0.9123 | SRCC = 0.8674 ]  
[Valid(teacher)][1][UTT] GML = 0.206105 | AML = 0.338183 | MoV = 0.475325 | VoV = 0.011110 | [SYS][ GML = 0.000000 | AML = 0.075284 | MoV = 0.005684 | VoV = 0.000027 ]  
Train: 100% 845/845 [06:32<00:00, 2.16 step/s]  
Average loss=0.3668079376220703  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.16 step/s]  
  
[Valid(teacher)][2][UTT] MSE = 0.6911 | LCC = 0.5880 | SRCC = 0.5486 | [SYS][ MSE = 0.2513 | LCC = 0.9321 | SRCC = 0.8653 ]  
[Valid(teacher)][2][UTT] GML = 0.266522 | AML = 0.363211 | MoV = 0.480616 | VoV = 0.008284 | [SYS][ GML = 0.000000 | AML = 0.116139 | MoV = 0.005644 | VoV = 0.000023 ]  
Train: 100% 845/845 [03:24<00:00, 4.12 step/s]  
Average loss=0.327065850669661  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.52 step/s]  
  
[Valid(teacher)][3][UTT] MSE = 0.5817 | LCC = 0.6139 | SRCC = 0.5706 | [SYS][ MSE = 0.1448 | LCC = 0.9536 | SRCC = 0.8933 ]  
[Valid(teacher)][3][UTT] GML = 0.308950 | AML = 0.385582 | MoV = 0.480533 | VoV = 0.005441 | [SYS][ GML = 0.000003 | AML = 0.670403 | MoV = 0.005475 | VoV = 0.000017 ]  
Train: 100% 845/845 [03:23<00:00, 4.14 step/s]  
Average loss=0.29941388964653015  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.55 step/s]  
  
[Valid(teacher)][4][UTT] MSE = 0.4963 | LCC = 0.6213 | SRCC = 0.5797 | [SYS][ MSE = 0.0389 | LCC = 0.9544 | SRCC = 0.8858 ]  
[Valid(teacher)][4][UTT] GML = 0.343204 | AML = 0.402008 | MoV = 0.489127 | VoV = 0.003618 | [SYS][ GML = 0.127304 | AML = 1.556305 | MoV = 0.005445 | VoV = 0.000013 ]  
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]  
Average loss=0.27454230189323425  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.02 step/s]  
  
[Valid(teacher)][5][UTT] MSE = 0.5097 | LCC = 0.6274 | SRCC = 0.5844 | [SYS][ MSE = 0.0677 | LCC = 0.9591 | SRCC = 0.8879 ]  
[Valid(teacher)][5][UTT] GML = 0.336821 | AML = 0.401774 | MoV = 0.473873 | VoV = 0.003994 | [SYS][ GML = 0.009909 | AML = 0.862004 | MoV = 0.005289 | VoV = 0.000013 ]  
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]  
Average loss=0.26112186908721924  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.29 step/s]  
  
[Valid(teacher)][6][UTT] MSE = 0.5437 | LCC = 0.6312 | SRCC = 0.5888 | [SYS][ MSE = 0.1085 | LCC = 0.9618 | SRCC = 0.9002 ]  
[Valid(teacher)][6][UTT] GML = 0.322605 | AML = 0.397841 | MoV = 0.457645 | VoV = 0.004384 | [SYS][ GML = 0.000075 | AML = 1.138092 | MoV = 0.005120 | VoV = 0.000012 ]  
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]  
Average loss=0.2380792200565338  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.16 step/s]  
  
[Valid(teacher)][7][UTT] MSE = 0.6748 | LCC = 0.6314 | SRCC = 0.5915 | [SYS][ MSE = 0.2526 | LCC = 0.9645 | SRCC = 0.9050 ]  
[Valid(teacher)][7][UTT] GML = 0.271681 | AML = 0.375856 | MoV = 0.432798 | VoV = 0.004927 | [SYS][ GML = 0.000000 | AML = 0.006500 | MoV = 0.004880 | VoV = 0.000012 ]  
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]  
Average loss=0.22215457260608673  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 188.59 step/s]  
  
[Valid(teacher)][8][UTT] MSE = 0.8303 | LCC = 0.6270 | SRCC = 0.5886 | [SYS][ MSE = 0.4140 | LCC = 0.9649 | SRCC = 0.9029 ]  
[Valid(teacher)][8][UTT] GML = 0.217360 | AML = 0.349484 | MoV = 0.410938 | VoV = 0.005311 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004674 | VoV = 0.000012 ]  
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]  
Average loss=0.2053928822789764  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.85 step/s]  
  
[Valid(teacher)][9][UTT] MSE = 0.8829 | LCC = 0.6281 | SRCC = 0.5927 | [SYS][ MSE = 0.4688 | LCC = 0.9654 | SRCC = 0.9036 ]  
[Valid(teacher)][9][UTT] GML = 0.201502 | AML = 0.341242 | MoV = 0.402672 | VoV = 0.005030 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004583 | VoV = 0.000012 ]  
Train: 100% 845/845 [03:25<00:00, 4.10 step/s]  
Average loss=0.1881650984287262  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 188.48 step/s]  
  
[Valid(teacher)][10][UTT] MSE = 1.0037 | LCC = 0.6268 | SRCC = 0.5940 | [SYS][ MSE = 0.5947 | LCC = 0.9666 | SRCC = 0.9084 ]  
[Valid(teacher)][10][UTT] GML = 0.167241 | AML = 0.321422 | MoV = 0.387595 | VoV = 0.004980 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004449 | VoV = 0.000012 ]  
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]  
Average loss=0.17593930661678314  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 190.26 step/s]  
  
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Average loss=0.03407762572169304  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 187.83 step/s]

[Valid(teacher)][20][UTT][ MSE = 0.6702 | LCC = 0.6390 | SRCC = 0.6130 ] [SYS][ MSE = 0.2187 | LCC = 0.9767 | SRCC = 0.9412 ]  
[Valid(teacher)][20][UTT][ GML = 0.248177 | AML = 0.394793 | MoV = 0.339361 | VoV = 0.002512 ] [SYS][ GML = 0.000000 | AML = 0.027892 | MoV = 0.003797 | VoV = 0.000007 ]  
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]  
Average loss=0.02180772835261345  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.40 step/s]

[Valid(teacher)][21][UTT][ MSE = 0.5918 | LCC = 0.6417 | SRCC = 0.6144 ] [SYS][ MSE = 0.1323 | LCC = 0.9789 | SRCC = 0.9474 ]  
[Valid(teacher)][21][UTT][ GML = 0.279773 | AML = 0.413628 | MoV = 0.337428 | VoV = 0.002239 ] [SYS][ GML = 0.000000 | AML = 0.216110 | MoV = 0.003749 | VoV = 0.000006 ]  
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]  
Average loss=0.00807061418890953  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.39 step/s]

[Valid(teacher)][22][UTT][ MSE = 0.5893 | LCC = 0.6420 | SRCC = 0.6150 ] [SYS][ MSE = 0.1272 | LCC = 0.9794 | SRCC = 0.9508 ]  
[Valid(teacher)][22][UTT][ GML = 0.278731 | AML = 0.415657 | MoV = 0.331472 | VoV = 0.002127 ] [SYS][ GML = 0.000000 | AML = 0.224532 | MoV = 0.003681 | VoV = 0.000006 ]  
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]  
Average loss=-0.007397540844976902  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.27 step/s]

[Valid(teacher)][23][UTT][ MSE = 0.5893 | LCC = 0.6409 | SRCC = 0.6143 ] [SYS][ MSE = 0.1243 | LCC = 0.9800 | SRCC = 0.9508 ]  
[Valid(teacher)][23][UTT][ GML = 0.276516 | AML = 0.416913 | MoV = 0.326433 | VoV = 0.002070 ] [SYS][ GML = 0.000000 | AML = 0.224088 | MoV = 0.003631 | VoV = 0.000006 ]  
Train: 100% 845/845 [03:24<00:00, 4.15 step/s]  
Average loss=-0.020194854507316513  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.00 step/s]

[Valid(teacher)][24][UTT][ MSE = 0.5774 | LCC = 0.6412 | SRCC = 0.6143 ] [SYS][ MSE = 0.1092 | LCC = 0.9806 | SRCC = 0.9528 ]  
[Valid(teacher)][24][UTT][ GML = 0.279287 | AML = 0.421013 | MoV = 0.321304 | VoV = 0.002092 ] [SYS][ GML = 0.000000 | AML = 0.247629 | MoV = 0.003581 | VoV = 0.000006 ]  
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]  
Average loss=-0.028939401730895042  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 188.76 step/s]

[Valid(teacher)][25][UTT][ MSE = 0.5744 | LCC = 0.6409 | SRCC = 0.6135 ] [SYS][ MSE = 0.1043 | LCC = 0.9814 | SRCC = 0.9508 ]  
[Valid(teacher)][25][UTT][ GML = 0.279150 | AML = 0.422300 | MoV = 0.318171 | VoV = 0.002092 ] [SYS][ GML = 0.000000 | AML = 0.283113 | MoV = 0.003544 | VoV = 0.000006 ]  
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]  
Average loss=-0.04770198091864506  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 187.50 step/s]

[Valid(teacher)][26][UTT][ MSE = 0.5713 | LCC = 0.6408 | SRCC = 0.6134 ] [SYS][ MSE = 0.1000 | LCC = 0.9819 | SRCC = 0.9508 ]  
[Valid(teacher)][26][UTT][ GML = 0.278298 | AML = 0.424644 | MoV = 0.312505 | VoV = 0.002045 ] [SYS][ GML = 0.000000 | AML = 0.277922 | MoV = 0.003492 | VoV = 0.000006 ]  
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]  
Average loss=-0.059374965727329254  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.94 step/s]

[Valid(teacher)][27][UTT][ MSE = 0.5827 | LCC = 0.6403 | SRCC = 0.6130 ] [SYS][ MSE = 0.1102 | LCC = 0.9822 | SRCC = 0.9515 ]  
[Valid(teacher)][27][UTT][ GML = 0.269254 | AML = 0.422768 | MoV = 0.305315 | VoV = 0.002125 ] [SYS][ GML = 0.000000 | AML = 0.237359 | MoV = 0.003422 | VoV = 0.000006 ]  
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]  
Average loss=-0.06914299726486206  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.23 step/s]

[Valid(teacher)][28][UTT][ MSE = 0.5634 | LCC = 0.6418 | SRCC = 0.6139 ] [SYS][ MSE = 0.0896 | LCC = 0.9823 | SRCC = 0.9515 ]  
[Valid(teacher)][28][UTT][ GML = 0.277311 | AML = 0.428609 | MoV = 0.301892 | VoV = 0.001992 ] [SYS][ GML = 0.000001 | AML = 0.328004 | MoV = 0.003378 | VoV = 0.000005 ]  
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]  
Average loss=-0.08182535320520401  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.18 step/s]

[Valid(teacher)][29][UTT][ MSE = 0.5792 | LCC = 0.6386 | SRCC = 0.6109 ] [SYS][ MSE = 0.1031 | LCC = 0.9821 | SRCC = 0.9603 ]  
[Valid(teacher)][29][UTT][ GML = 0.266667 | AML = 0.425953 | MoV = 0.297187 | VoV = 0.002065 ] [SYS][ GML = 0.000000 | AML = 0.248976 | MoV = 0.003337 | VoV = 0.000006 ]  
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]  
Average loss=-0.0911862701177597  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.55 step/s]

[Valid(teacher)][30][UTT][ MSE = 0.5655 | LCC = 0.6388 | SRCC = 0.6109 ] [SYS][ MSE = 0.0864 | LCC = 0.9827 | SRCC = 0.9610 ]  
[Valid(teacher)][30][UTT][ GML = 0.272494 | AML = 0.430157 | MoV = 0.294726 | VoV = 0.001948 ] [SYS][ GML = 0.000001 | AML = 0.258530 | MoV = 0.003311 | VoV = 0.000005 ]  
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]  
Average loss=-0.1052240900145905  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.06 step/s]

[Valid(teacher)][31][UTT][ MSE = 0.5639 | LCC = 0.6377 | SRCC = 0.6094 ] [SYS][ MSE = 0.0826 | LCC = 0.9818 | SRCC = 0.9535 ]  
[Valid(teacher)][31][UTT][ GML = 0.271750 | AML = 0.431080 | MoV = 0.291799 | VoV = 0.001979 ] [SYS][ GML = 0.000002 | AML = 0.321925 | MoV = 0.003274 | VoV = 0.000005 ]  
Train: 100% 845/845 [03:24<00:00, 4.12 step/s]  
Average loss=-0.11794397234916687  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.00 step/s]

[Valid(teacher)][32][UTT][ MSE = 0.5690 | LCC = 0.6373 | SRCC = 0.6099 ] [SYS][ MSE = 0.0836 | LCC = 0.9818 | SRCC = 0.9617 ]  
[Valid(teacher)][32][UTT][ GML = 0.265593 | AML = 0.431848 | MoV = 0.285609 | VoV = 0.001966 ] [SYS][ GML = 0.000001 | AML = 0.256824 | MoV = 0.003207 | VoV = 0.000005 ]  
Train: 100% 845/845 [03:23<00:00, 4.14 step/s]  
Average loss=-0.12985137104988098  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.14 step/s]

[Valid(teacher)][33][UTT][ MSE = 0.5704 | LCC = 0.6353 | SRCC = 0.6073 ] [SYS][ MSE = 0.0841 | LCC = 0.9816 | SRCC = 0.9528 ]  
[Valid(teacher)][33][UTT][ GML = 0.262728 | AML = 0.432999 | MoV = 0.281470 | VoV = 0.001894 ] [SYS][ GML = 0.000001 | AML = 0.309147 | MoV = 0.003172 | VoV = 0.000005 ]  
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]  
Average loss=-0.14189547300338745  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.75 step/s]

[Valid(teacher)][34][UTT][ MSE = 0.5627 | LCC = 0.6353 | SRCC = 0.6067 ] [SYS][ MSE = 0.0755 | LCC = 0.9812 | SRCC = 0.9515 ]  
[Valid(teacher)][34][UTT][ GML = 0.265481 | AML = 0.435232 | MoV = 0.278005 | VoV = 0.001724 ] [SYS][ GML = 0.000003 | AML = 0.382093 | MoV = 0.003129 | VoV = 0.000005 ]  
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]  
Average loss=-0.14835049211978912  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.00 step/s]

[Valid(teacher)][35][UTT][ MSE = 0.5449 | LCC = 0.6351 | SRCC = 0.6058 ] [SYS][ MSE = 0.0541 | LCC = 0.9809 | SRCC = 0.9576 ]  
[Valid(teacher)][35][UTT][ GML = 0.274191 | AML = 0.441393 | MoV = 0.276539 | VoV = 0.001722 ] [SYS][ GML = 0.000236 | AML = 0.854656 | MoV = 0.003104 | VoV = 0.000005 ]  
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]  
Average loss=-0.1560346931219101  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.51 step/s]

[Valid(teacher)][36][UTT][ MSE = 0.5592 | LCC = 0.6348 | SRCC = 0.6059 ] [SYS][ MSE = 0.0695 | LCC = 0.9808 | SRCC = 0.9583 ]  
[Valid(teacher)][36][UTT][ GML = 0.265052 | AML = 0.437961 | MoV = 0.274451 | VoV = 0.001753 ] [SYS][ GML = 0.000011 | AML = 0.368770 | MoV = 0.003092 | VoV = 0.000005 ]  
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]  
Average loss=-0.16920790076255798  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.60 step/s]

[Valid(teacher)][37][UTT][ MSE = 0.5596 | LCC = 0.6343 | SRCC = 0.6054 ] [SYS][ MSE = 0.0668 | LCC = 0.9811 | SRCC = 0.9597 ]  
[Valid(teacher)][37][UTT][ GML = 0.261182 | AML = 0.439709 | MoV = 0.269132 | VoV = 0.001843 ] [SYS][ GML = 0.000013 | AML = 0.496999 | MoV = 0.003032 | VoV = 0.000005 ]  
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]  
Average loss=-0.17170016467571259  
Valid(teacher): 100% 3000/3000 [00:16<00:00, 185.51 step/s]

[Valid(teacher)][38][UTT][ MSE = 0.5719 | LCC = 0.6316 | SRCC = 0.6029 ] [SYS][ MSE = 0.0775 | LCC = 0.9817 | SRCC = 0.9528 ]  
[Valid(teacher)][38][UTT][ GML = 0.253150 | AML = 0.437315 | MoV = 0.266305 | VoV = 0.001869 ] [SYS][ GML = 0.000001 | AML = 0.223803 | MoV = 0.003007 | VoV = 0.000005 ]  
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]  
Average loss=-0.1890583783881378  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.76 step/s]

[Valid(teacher)][39][UTT][ MSE = 0.5659 | LCC = 0.6300 | SRCC = 0.6013 ] [SYS][ MSE = 0.0681 | LCC = 0.9821 | SRCC = 0.9576 ]  
[Valid(teacher)][39][UTT][ GML = 0.252852 | AML = 0.440979 | MoV = 0.262094 | VoV = 0.001897 ] [SYS][ GML = 0.000007 | AML = 0.231948 | MoV = 0.002965 | VoV = 0.000005 ]  
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]  
Average loss=-0.20429882407188416  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.14 step/s]

[Valid(teacher)][40][UTT][ MSE = 0.5938 | LCC = 0.6274 | SRCC = 0.5995 ] [SYS][ MSE = 0.0925 | LCC = 0.9822 | SRCC = 0.9576 ]  
[Valid(teacher)][40][UTT][ GML = 0.234847 | AML = 0.433918 | MoV = 0.257157 | VoV = 0.001898 ] [SYS][ GML = 0.000000 | AML = 0.179555 | MoV = 0.002916 | VoV = 0.000005 ]  
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]  
Average loss=-0.21185250580310822  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.95 step/s]

[Valid(teacher)][41][UTT][ MSE = 0.5825 | LCC = 0.6279 | SRCC = 0.6000 ] [SYS][ MSE = 0.0819 | LCC = 0.9820 | SRCC = 0.9576 ]  
[Valid(teacher)][41][UTT][ GML = 0.238496 | AML = 0.438035 | MoV = 0.254031 | VoV = 0.001842 ] [SYS][ GML = 0.000000 | AML = 0.160438 | MoV = 0.002875 | VoV = 0.000005 ]  
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]  
Average loss=-0.2261332809529724  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.22 step/s]

[Valid(teacher)][42][UTT][ MSE = 0.5832 | LCC = 0.6266 | SRCC = 0.5984 ] [SYS][ MSE = 0.0809 | LCC = 0.9823 | SRCC = 0.9576 ]  
[Valid(teacher)][42][UTT][ GML = 0.235248 | AML = 0.438452 | MoV = 0.250147 | VoV = 0.001857 ] [SYS][ GML = 0.000000 | AML = 0.130897 | MoV = 0.002838 | VoV = 0.000005 ]  
Train: 100% 845/845 [03:22<00:00, 4.16 step/s]  
Average loss=-0.22985509037971497  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.89 step/s]

[Valid(teacher)][43][UTT][ MSE = 0.5734 | LCC = 0.6256 | SRCC = 0.5972 ] [SYS][ MSE = 0.0680 | LCC = 0.9824 | SRCC = 0.9631 ]  
[Valid(teacher)][43][UTT][ GML = 0.239080 | AML = 0.442588 | MoV = 0.248188 | VoV = 0.001837 ] [SYS][ GML = 0.000004 | AML = 0.162710 | MoV = 0.002808 | VoV = 0.000004 ]

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Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.24159446358680725
Valid(teacher): 100% 3000/3000 [00:15<00:00, 187.68 step/s]

[Valid(teacher)][44][UTT][ MSE = 0.5790 | LCC = 0.6249 | SRCC = 0.5967 | SYS][ MSE = 0.0727 | LCC = 0.9825 | SRCC = 0.9603 ]
[Valid(teacher)][44][UTT][ GML = 0.233480 | AML = 0.442069 | MoV = 0.245219 | VoV = 0.001825 | SYS][ GML = 0.000001 | AML = 0.172880 | MoV = 0.002779 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.25369805097579956
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.69 step/s]

[Valid(teacher)][45][UTT][ MSE = 0.5652 | LCC = 0.6281 | SRCC = 0.5999 | SYS][ MSE = 0.0626 | LCC = 0.9823 | SRCC = 0.9549 ]
[Valid(teacher)][45][UTT][ GML = 0.238394 | AML = 0.446766 | MoV = 0.242013 | VoV = 0.001822 | SYS][ GML = 0.000008 | AML = 0.339128 | MoV = 0.002741 | VoV = 0.000004 ]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.2597915828227997
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.55 step/s]

[Valid(teacher)][46][UTT][ MSE = 0.5766 | LCC = 0.6272 | SRCC = 0.5984 | SYS][ MSE = 0.0726 | LCC = 0.9826 | SRCC = 0.9590 ]
[Valid(teacher)][46][UTT][ GML = 0.229458 | AML = 0.444289 | MoV = 0.239037 | VoV = 0.001864 | SYS][ GML = 0.000001 | AML = 0.212051 | MoV = 0.002713 | VoV = 0.000004 ]
Train: 100% 845/845 [03:23<00:00, 4.14 step/s]
Average loss=-0.2727878987789154
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.30 step/s]

[Valid(teacher)][47][UTT][ MSE = 0.5887 | LCC = 0.6261 | SRCC = 0.5971 | SYS][ MSE = 0.0823 | LCC = 0.9827 | SRCC = 0.9590 ]
[Valid(teacher)][47][UTT][ GML = 0.218784 | AML = 0.441468 | MoV = 0.234054 | VoV = 0.001858 | SYS][ GML = 0.000000 | AML = 0.187184 | MoV = 0.002659 | VoV = 0.000004 ]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.27907028794288635
Valid(teacher): 100% 3000/3000 [00:15<00:00, 188.29 step/s]

[Valid(teacher)][48][UTT][ MSE = 0.5757 | LCC = 0.6252 | SRCC = 0.5946 | SYS][ MSE = 0.0701 | LCC = 0.9824 | SRCC = 0.9597 ]
[Valid(teacher)][48][UTT][ GML = 0.225072 | AML = 0.445751 | MoV = 0.233914 | VoV = 0.001912 | SYS][ GML = 0.000001 | AML = 0.180213 | MoV = 0.002662 | VoV = 0.000004 ]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.2895776033401489
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.96 step/s]

[Valid(teacher)][49][UTT][ MSE = 0.5797 | LCC = 0.6240 | SRCC = 0.5933 | SYS][ MSE = 0.0721 | LCC = 0.9828 | SRCC = 0.9631 ]
[Valid(teacher)][49][UTT][ GML = 0.220226 | AML = 0.445125 | MoV = 0.230102 | VoV = 0.001868 | SYS][ GML = 0.000000 | AML = 0.225770 | MoV = 0.002618 | VoV = 0.000004 ]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.29277220368385315
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.56 step/s]

[Valid(teacher)][50][UTT][ MSE = 0.5710 | LCC = 0.6221 | SRCC = 0.5927 | SYS][ MSE = 0.0603 | LCC = 0.9831 | SRCC = 0.9631 ]
[Valid(teacher)][50][UTT][ GML = 0.224194 | AML = 0.448348 | MoV = 0.229502 | VoV = 0.001850 | SYS][ GML = 0.000007 | AML = 0.300429 | MoV = 0.002605 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00, 4.12 step/s]
Average loss=-0.3037867540081543
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.75 step/s]

[Valid(teacher)][51][UTT][ MSE = 0.5823 | LCC = 0.6237 | SRCC = 0.5935 | SYS][ MSE = 0.0754 | LCC = 0.9835 | SRCC = 0.9610 ]
[Valid(teacher)][51][UTT][ GML = 0.214192 | AML = 0.446123 | MoV = 0.225386 | VoV = 0.001832 | SYS][ GML = 0.000000 | AML = 0.224529 | MoV = 0.002570 | VoV = 0.000004 ]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=-0.3166355780707733
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.94 step/s]

[Valid(teacher)][52][UTT][ MSE = 0.5822 | LCC = 0.6230 | SRCC = 0.5929 | SYS][ MSE = 0.0743 | LCC = 0.9838 | SRCC = 0.9617 ]
[Valid(teacher)][52][UTT][ GML = 0.212367 | AML = 0.447552 | MoV = 0.223156 | VoV = 0.001826 | SYS][ GML = 0.000000 | AML = 0.251406 | MoV = 0.002545 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.3304201364517212
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.26 step/s]

[Valid(teacher)][53][UTT][ MSE = 0.6012 | LCC = 0.6218 | SRCC = 0.5914 | SYS][ MSE = 0.0910 | LCC = 0.9847 | SRCC = 0.9603 ]
[Valid(teacher)][53][UTT][ GML = 0.197567 | AML = 0.442827 | MoV = 0.218946 | VoV = 0.001888 | SYS][ GML = 0.000000 | AML = 0.268635 | MoV = 0.002501 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00, 4.12 step/s]
Average loss=-0.3333413004875183
Valid(teacher): 100% 3000/3000 [00:15<00:00, 188.44 step/s]

[Valid(teacher)][54][UTT][ MSE = 0.6043 | LCC = 0.6217 | SRCC = 0.5903 | SYS][ MSE = 0.0943 | LCC = 0.9849 | SRCC = 0.9624 ]
[Valid(teacher)][54][UTT][ GML = 0.194269 | AML = 0.441563 | MoV = 0.217419 | VoV = 0.001899 | SYS][ GML = 0.000000 | AML = 0.268407 | MoV = 0.002491 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00, 4.12 step/s]
Average loss=-0.3410169184207916
Valid(teacher): 100% 3000/3000 [00:15<00:00, 187.51 step/s]

[Valid(teacher)][55][UTT][ MSE = 0.5836 | LCC = 0.6228 | SRCC = 0.5912 | SYS][ MSE = 0.0771 | LCC = 0.9840 | SRCC = 0.9556 ]
[Valid(teacher)][55][UTT][ GML = 0.204107 | AML = 0.447553 | MoV = 0.216071 | VoV = 0.001886 | SYS][ GML = 0.000000 | AML = 0.249377 | MoV = 0.002475 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.34919440746307373
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.05 step/s]

[Valid(teacher)][56][UTT][ MSE = 0.5792 | LCC = 0.6224 | SRCC = 0.5905 | SYS][ MSE = 0.0694 | LCC = 0.9838 | SRCC = 0.9617 ]
[Valid(teacher)][56][UTT][ GML = 0.205116 | AML = 0.450101 | MoV = 0.214171 | VoV = 0.001845 | SYS][ GML = 0.000000 | AML = 0.238871 | MoV = 0.002449 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.3562484085559845
Valid(teacher): 100% 3000/3000 [00:15<00:00, 190.36 step/s]

[Valid(teacher)][57][UTT][ MSE = 0.5682 | LCC = 0.6215 | SRCC = 0.5897 | SYS][ MSE = 0.0573 | LCC = 0.9831 | SRCC = 0.9617 ]
[Valid(teacher)][57][UTT][ GML = 0.211080 | AML = 0.454061 | MoV = 0.213331 | VoV = 0.001760 | SYS][ GML = 0.000006 | AML = 0.345445 | MoV = 0.002438 | VoV = 0.000004 ]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=-0.36390620470046997
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.44 step/s]

[Valid(teacher)][58][UTT][ MSE = 0.5752 | LCC = 0.6204 | SRCC = 0.5888 | SYS][ MSE = 0.0640 | LCC = 0.9838 | SRCC = 0.9617 ]
[Valid(teacher)][58][UTT][ GML = 0.205541 | AML = 0.451617 | MoV = 0.211379 | VoV = 0.001727 | SYS][ GML = 0.000001 | AML = 0.244447 | MoV = 0.002410 | VoV = 0.000003 ]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.3705146176015033
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.48 step/s]

[Valid(teacher)][59][UTT][ MSE = 0.5674 | LCC = 0.6195 | SRCC = 0.5884 | SYS][ MSE = 0.0573 | LCC = 0.9827 | SRCC = 0.9610 ]
[Valid(teacher)][59][UTT][ GML = 0.207226 | AML = 0.454564 | MoV = 0.209238 | VoV = 0.001764 | SYS][ GML = 0.000005 | AML = 0.560666 | MoV = 0.002389 | VoV = 0.000003 ]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=-0.380350798368454
Valid(teacher): 100% 3000/3000 [00:15<00:00, 187.63 step/s]

[Valid(teacher)][60][UTT][ MSE = 0.5656 | LCC = 0.6210 | SRCC = 0.5898 | SYS][ MSE = 0.0557 | LCC = 0.9840 | SRCC = 0.9617 ]
[Valid(teacher)][60][UTT][ GML = 0.207051 | AML = 0.455993 | MoV = 0.207861 | VoV = 0.001706 | SYS][ GML = 0.000007 | AML = 0.370571 | MoV = 0.002369 | 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, 180.87 step/s]

[Test(best)][61][UTT][ MSE = 0.5583 | LCC = 0.6616 | SRCC = 0.6293 | SYS][ MSE = 0.1052 | LCC = 0.9864 | SRCC = 0.9747 ]
[Test(best)][61][UTT][ GML = 0.292813 | AML = 0.426637 | MoV = 0.330983 | VoV = 0.002175 | SYS][ GML = 0.000000 | AML = 0.023450 | MoV = 0.002684 | VoV = 0.000003 ]
Test(last): 100% 4000/4000 [00:21<00:00, 186.80 step/s]

[Test(last)][61][UTT][ MSE = 0.5538 | LCC = 0.6329 | SRCC = 0.5982 | SYS][ MSE = 0.0486 | LCC = 0.9864 | SRCC = 0.9713 ]
[Test(last)][61][UTT][ GML = 0.212680 | AML = 0.463213 | MoV = 0.207714 | VoV = 0.001703 | SYS][ GML = 0.000001 | AML = 0.369421 | MoV = 0.001721 | VoV = 0.000002 ]
(lxygpu) [x_xliangnode012 ProMOSNet]$
```