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[x_xliang@node011 ProMOSNet]$ python train.py --lamb_t=0.5 --save_path "runs/c1-t5e-1/run2"
Loading all wav files.
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]
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self.scores['JUDGE'][i] = self.idtable[judge_i]
Train: 100% 845/845 [03:27:00:00, 4.07 step/s]
Average loss=135766.96075
Valid(teacher): 100% 3000/3000 [00:15:00:00, 190.48 step/s]

[Valid(teacher)][10][UTT][ MSE = 1.5082 | LCC = 0.4308 | SRCC = 0.4093 | SYS][ MSE = 1.3185 | LCC = 0.6890 | SRCC = 0.7689 ]
[Valid(teacher)][10][UTT][ GML = 0.181042 | AML = 0.249028 | MoV = 0.857074 | VoV = 0.010650 | SYS][ GML = 0.000000 | AML = 0.012787 | MoV = 0.009738 | VoV = 0.000056 ]
Train: 100% 845/845 [03:24:00:00, 4.14 step/s]
Average loss=0.6215582489967346
Valid(teacher): 100% 3000/3000 [00:14:00:00, 200.73 step/s]

[Valid(teacher)][11][UTT][ MSE = 1.0389 | LCC = 0.5553 | SRCC = 0.5219 | SYS][ MSE = 0.6091 | LCC = 0.8801 | SRCC = 0.8550 ]
[Valid(teacher)][11][UTT][ GML = 0.189596 | AML = 0.303859 | MoV = 0.524889 | VoV = 0.016964 | SYS][ GML = 0.000000 | AML = 0.000344 | MoV = 0.006343 | VoV = 0.000036 ]
Train: 100% 845/845 [03:24:00:00, 4.13 step/s]
Average loss=0.48812949657440186
Valid(teacher): 100% 3000/3000 [00:14:00:00, 201.13 step/s]

[Valid(teacher)][12][UTT][ MSE = 0.5618 | LCC = 0.5973 | SRCC = 0.5559 | SYS][ MSE = 0.1573 | LCC = 0.9311 | SRCC = 0.8632 ]
[Valid(teacher)][12][UTT][ GML = 0.319893 | AML = 0.379401 | MoV = 0.526492 | VoV = 0.007360 | SYS][ GML = 0.000075 | AML = 1.160634 | MoV = 0.006205 | VoV = 0.000028 ]
Train: 100% 845/845 [03:24:00:00, 4.14 step/s]
Average loss=0.4437054991722107
Valid(teacher): 100% 3000/3000 [00:14:00:00, 201.20 step/s]

[Valid(teacher)][13][UTT][ MSE = 0.5085 | LCC = 0.6165 | SRCC = 0.5710 | SYS][ MSE = 0.0931 | LCC = 0.9514 | SRCC = 0.8824 ]
[Valid(teacher)][13][UTT][ GML = 0.338172 | AML = 0.391454 | MoV = 0.515859 | VoV = 0.004390 | SYS][ GML = 0.009340 | AML = 1.581186 | MoV = 0.005923 | VoV = 0.000021 ]
Train: 100% 845/845 [03:24:00:00, 4.13 step/s]
Average loss=0.4097030758857727
Valid(teacher): 100% 3000/3000 [00:15:00:00, 199.65 step/s]

[Valid(teacher)][14][UTT][ MSE = 0.5063 | LCC = 0.6222 | SRCC = 0.5781 | SYS][ MSE = 0.0949 | LCC = 0.9567 | SRCC = 0.8892 ]
[Valid(teacher)][14][UTT][ GML = 0.339480 | AML = 0.396698 | MoV = 0.491494 | VoV = 0.003515 | SYS][ GML = 0.006281 | AML = 2.066429 | MoV = 0.005621 | VoV = 0.000018 ]
Train: 100% 845/845 [03:23:00:00, 4.14 step/s]
Average loss=0.38565266132354736
Valid(teacher): 100% 3000/3000 [00:14:00:00, 200.31 step/s]

[Valid(teacher)][15][UTT][ MSE = 0.5093 | LCC = 0.6250 | SRCC = 0.5816 | SYS][ MSE = 0.0981 | LCC = 0.9587 | SRCC = 0.8940 ]
[Valid(teacher)][15][UTT][ GML = 0.338349 | AML = 0.397458 | MoV = 0.485655 | VoV = 0.003294 | SYS][ GML = 0.003652 | AML = 1.917078 | MoV = 0.005546 | VoV = 0.000017 ]
Train: 100% 845/845 [03:23:00:00, 4.15 step/s]
Average loss=0.3706938326358795
Valid(teacher): 100% 3000/3000 [00:15:00:00, 197.30 step/s]

[Valid(teacher)][16][UTT][ MSE = 0.5190 | LCC = 0.6283 | SRCC = 0.5861 | SYS][ MSE = 0.1079 | LCC = 0.9615 | SRCC = 0.8981 ]
[Valid(teacher)][16][UTT][ GML = 0.334741 | AML = 0.397803 | MoV = 0.476255 | VoV = 0.003069 | SYS][ GML = 0.000834 | AML = 1.284177 | MoV = 0.005428 | VoV = 0.000016 ]
Train: 100% 845/845 [03:23:00:00, 4.15 step/s]
Average loss=0.349181920809933
Valid(teacher): 100% 3000/3000 [00:15:00:00, 199.54 step/s]

[Valid(teacher)][17][UTT][ MSE = 0.5119 | LCC = 0.6301 | SRCC = 0.5898 | SYS][ MSE = 0.0923 | LCC = 0.9622 | SRCC = 0.8995 ]
[Valid(teacher)][17][UTT][ GML = 0.337383 | AML = 0.401223 | MoV = 0.467059 | VoV = 0.002486 | SYS][ GML = 0.001397 | AML = 1.435005 | MoV = 0.005298 | VoV = 0.000014 ]
Train: 100% 845/845 [03:23:00:00, 4.15 step/s]
Average loss=0.3322874903678894
Valid(teacher): 100% 3000/3000 [00:15:00:00, 198.86 step/s]

[Valid(teacher)][18][UTT][ MSE = 0.5311 | LCC = 0.6309 | SRCC = 0.5924 | SYS][ MSE = 0.1208 | LCC = 0.9632 | SRCC = 0.9036 ]
[Valid(teacher)][18][UTT][ GML = 0.329666 | AML = 0.400563 | MoV = 0.449977 | VoV = 0.002194 | SYS][ GML = 0.000084 | AML = 0.694905 | MoV = 0.005096 | VoV = 0.000013 ]
Train: 100% 845/845 [03:24:00:00, 4.13 step/s]
Average loss=0.31308960914611816
Valid(teacher): 100% 3000/3000 [00:15:00:00, 199.48 step/s]

[Valid(teacher)][19][UTT][ MSE = 0.5415 | LCC = 0.6303 | SRCC = 0.5936 | SYS][ MSE = 0.1282 | LCC = 0.9636 | SRCC = 0.9125 ]
[Valid(teacher)][19][UTT][ GML = 0.324959 | AML = 0.401029 | MoV = 0.437474 | VoV = 0.001929 | SYS][ GML = 0.000019 | AML = 0.500825 | MoV = 0.004941 | VoV = 0.000012 ]
Train: 100% 845/845 [03:24:00:00, 4.13 step/s]
Average loss=0.297453273448944
Valid(teacher): 100% 3000/3000 [00:14:00:00, 202.17 step/s]

[Valid(teacher)][20][UTT][ MSE = 0.5583 | LCC = 0.6288 | SRCC = 0.5938 | SYS][ MSE = 0.1452 | LCC = 0.9636 | SRCC = 0.9152 ]
[Valid(teacher)][20][UTT][ GML = 0.317515 | AML = 0.399671 | MoV = 0.425614 | VoV = 0.001690 | SYS][ GML = 0.000002 | AML = 0.279717 | MoV = 0.004807 | VoV = 0.000011 ]
Train: 100% 845/845 [03:23:00:00, 4.15 step/s]
Average loss=0.27871450781822205
Valid(teacher): 100% 3000/3000 [00:14:00:00, 200.83 step/s]

[Valid(teacher)][21][UTT][ MSE = 0.5840 | LCC = 0.6253 | SRCC = 0.5930 | SYS][ MSE = 0.1716 | LCC = 0.9630 | SRCC = 0.9173 ]
[Valid(teacher)][21][UTT][ GML = 0.306332 | AML = 0.396607 | MoV = 0.412988 | VoV = 0.001425 | SYS][ GML = 0.000000 | AML = 0.138913 | MoV = 0.004659 | VoV = 0.000011 ]
Train: 100% 845/845 [03:24:00:00, 4.14 step/s]
Average loss=0.25937721133232117
Valid(teacher): 100% 3000/3000 [00:15:00:00, 196.24 step/s]

[Valid(teacher)][22][UTT][ MSE = 0.6036 | LCC = 0.6223 | SRCC = 0.5933 | SYS][ MSE = 0.1903 | LCC = 0.9618 | SRCC = 0.9138 ]
[Valid(teacher)][22][UTT][ GML = 0.296916 | AML = 0.394777 | MoV = 0.400434 | VoV = 0.001250 | SYS][ GML = 0.000000 | AML = 0.071682 | MoV = 
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Average loss=0.13762697577476501
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.99 step/s]

[Valid(teacher)][20][UTT][MSE = 0.6910 | LCC = 0.6081 | SRCC = 0.5889 | [SYS][MSE = 0.2486 | LCC = 0.9605 | SRCC = 0.8933]
[Valid(teacher)][20][UTT][GML = 0.242139 | AML = 0.390213 | MoV = 0.331831 | VoV = 0.001085 | [SYS][GML = 0.000000 | AML = 0.004731 | MoV = 0.003728 | VoV = 0.000006]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=0.12413967400789261
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.21 step/s]

[Valid(teacher)][21][UTT][MSE = 0.7145 | LCC = 0.6064 | SRCC = 0.5871 | [SYS][MSE = 0.2718 | LCC = 0.9606 | SRCC = 0.8961]
[Valid(teacher)][21][UTT][GML = 0.229337 | AML = 0.386465 | MoV = 0.323475 | VoV = 0.001138 | [SYS][GML = 0.000000 | AML = 0.001306 | MoV = 0.003640 | VoV = 0.000006]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=0.11053714156150818
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.19 step/s]

[Valid(teacher)][22][UTT][MSE = 0.7073 | LCC = 0.6071 | SRCC = 0.5875 | [SYS][MSE = 0.2595 | LCC = 0.9609 | SRCC = 0.8995]
[Valid(teacher)][22][UTT][GML = 0.228858 | AML = 0.389722 | MoV = 0.317896 | VoV = 0.001113 | [SYS][GML = 0.000000 | AML = 0.001141 | MoV = 0.003577 | VoV = 0.000006]
Train: 100% 845/845 [03:23<00:00, 4.14 step/s]
Average loss=0.0983564555644989
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.08 step/s]

[Valid(teacher)][23][UTT][MSE = 0.7255 | LCC = 0.6064 | SRCC = 0.5866 | [SYS][MSE = 0.2754 | LCC = 0.9619 | SRCC = 0.9036]
[Valid(teacher)][23][UTT][GML = 0.219548 | AML = 0.386364 | MoV = 0.312619 | VoV = 0.001100 | [SYS][GML = 0.000000 | AML = 0.000415 | MoV = 0.003517 | VoV = 0.000006]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=0.08364173769950867
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.83 step/s]

[Valid(teacher)][24][UTT][MSE = 0.7532 | LCC = 0.6057 | SRCC = 0.5862 | [SYS][MSE = 0.3007 | LCC = 0.9631 | SRCC = 0.9084]
[Valid(teacher)][24][UTT][GML = 0.206659 | AML = 0.380853 | MoV = 0.307249 | VoV = 0.001125 | [SYS][GML = 0.000000 | AML = 0.000069 | MoV = 0.003457 | VoV = 0.000006]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=0.07247360050678253
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.23 step/s]

[Valid(teacher)][25][UTT][MSE = 0.7389 | LCC = 0.6110 | SRCC = 0.5900 | [SYS][MSE = 0.2836 | LCC = 0.9666 | SRCC = 0.9138]
[Valid(teacher)][25][UTT][GML = 0.209046 | AML = 0.385085 | MoV = 0.303487 | VoV = 0.001178 | [SYS][GML = 0.000000 | AML = 0.000014 | MoV = 0.003409 | VoV = 0.000005]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=0.047843415290117264
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.90 step/s]

[Valid(teacher)][26][UTT][MSE = 0.7171 | LCC = 0.6142 | SRCC = 0.5914 | [SYS][MSE = 0.2530 | LCC = 0.9686 | SRCC = 0.9138]
[Valid(teacher)][26][UTT][GML = 0.213985 | AML = 0.391649 | MoV = 0.298039 | VoV = 0.001255 | [SYS][GML = 0.000000 | AML = 0.000049 | MoV = 0.003345 | VoV = 0.000005]
Train: 100% 845/845 [03:23<00:00, 4.14 step/s]
Average loss=0.032144974917173386
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.44 step/s]

[Valid(teacher)][27][UTT][MSE = 0.6908 | LCC = 0.6173 | SRCC = 0.5931 | [SYS][MSE = 0.2210 | LCC = 0.9713 | SRCC = 0.9234]
[Valid(teacher)][27][UTT][GML = 0.220982 | AML = 0.399237 | MoV = 0.294209 | VoV = 0.001305 | [SYS][GML = 0.000000 | AML = 0.001488 | MoV = 0.003287 | VoV = 0.000005]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=0.01316642016172409
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.15 step/s]

[Valid(teacher)][28][UTT][MSE = 0.6995 | LCC = 0.6195 | SRCC = 0.5943 | [SYS][MSE = 0.2314 | LCC = 0.9730 | SRCC = 0.9262]
[Valid(teacher)][28][UTT][GML = 0.214640 | AML = 0.397648 | MoV = 0.298021 | VoV = 0.001468 | [SYS][GML = 0.000000 | AML = 0.000171 | MoV = 0.003239 | VoV = 0.000005]
Train: 100% 845/845 [03:23<00:00, 4.14 step/s]
Average loss=-0.000651806010864675
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.90 step/s]

[Valid(teacher)][29][UTT][MSE = 0.7018 | LCC = 0.6203 | SRCC = 0.5944 | [SYS][MSE = 0.2337 | LCC = 0.9742 | SRCC = 0.9282]
[Valid(teacher)][29][UTT][GML = 0.210981 | AML = 0.397403 | MoV = 0.285960 | VoV = 0.001487 | [SYS][GML = 0.000000 | AML = 0.000026 | MoV = 0.003194 | VoV = 0.000005]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.010855498723685741
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.17 step/s]

[Valid(teacher)][30][UTT][MSE = 0.6902 | LCC = 0.6202 | SRCC = 0.5927 | [SYS][MSE = 0.2153 | LCC = 0.9755 | SRCC = 0.9282]
[Valid(teacher)][30][UTT][GML = 0.212552 | AML = 0.400987 | MoV = 0.282105 | VoV = 0.001496 | [SYS][GML = 0.000000 | AML = 0.000199 | MoV = 0.003149 | VoV = 0.000004]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.024563146755099297
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.25 step/s]

[Valid(teacher)][31][UTT][MSE = 0.6826 | LCC = 0.6200 | SRCC = 0.5927 | [SYS][MSE = 0.2035 | LCC = 0.9753 | SRCC = 0.9282]
[Valid(teacher)][31][UTT][GML = 0.212089 | AML = 0.404510 | MoV = 0.276750 | VoV = 0.001501 | [SYS][GML = 0.000000 | AML = 0.001066 | MoV = 0.003090 | VoV = 0.000004]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.03374909982085228
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.33 step/s]

[Valid(teacher)][32][UTT][MSE = 0.7249 | LCC = 0.6178 | SRCC = 0.5926 | [SYS][MSE = 0.2484 | LCC = 0.9745 | SRCC = 0.9255]
[Valid(teacher)][32][UTT][GML = 0.192656 | AML = 0.394975 | MoV = 0.271549 | VoV = 0.001426 | [SYS][GML = 0.000000 | AML = 0.000008 | MoV = 0.003037 | VoV = 0.000004]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.05169551447033882
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.44 step/s]

[Valid(teacher)][33][UTT][MSE = 0.7169 | LCC = 0.6193 | SRCC = 0.5942 | [SYS][MSE = 0.2392 | LCC = 0.9751 | SRCC = 0.9255]
[Valid(teacher)][33][UTT][GML = 0.192350 | AML = 0.398085 | MoV = 0.267270 | VoV = 0.001483 | [SYS][GML = 0.000000 | AML = 0.000053 | MoV = 0.002991 | VoV = 0.000004]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.05431216210126877
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.82 step/s]

[Valid(teacher)][34][UTT][MSE = 0.6830 | LCC = 0.6226 | SRCC = 0.5962 | [SYS][MSE = 0.2011 | LCC = 0.9770 | SRCC = 0.9289]
[Valid(teacher)][34][UTT][GML = 0.205210 | AML = 0.407272 | MoV = 0.266758 | VoV = 0.001507 | [SYS][GML = 0.000000 | AML = 0.002255 | MoV = 0.002976 | VoV = 0.000004]
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]
Average loss=-0.06459338963031769
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.81 step/s]

[Valid(teacher)][35][UTT][MSE = 0.6679 | LCC = 0.6253 | SRCC = 0.5984 | [SYS][MSE = 0.1825 | LCC = 0.9774 | SRCC = 0.9248]
[Valid(teacher)][35][UTT][GML = 0.207889 | AML = 0.412522 | MoV = 0.262979 | VoV = 0.001646 | [SYS][GML = 0.000000 | AML = 0.054115 | MoV = 0.002935 | VoV = 0.000004]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.07578462362289429
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.97 step/s]

[Valid(teacher)][36][UTT][MSE = 0.6550 | LCC = 0.6262 | SRCC = 0.5981 | [SYS][MSE = 0.1692 | LCC = 0.9782 | SRCC = 0.9282]
[Valid(teacher)][36][UTT][GML = 0.212333 | AML = 0.415915 | MoV = 0.261773 | VoV = 0.001644 | [SYS][GML = 0.000000 | AML = 0.063342 | MoV = 0.002923 | VoV = 0.000004]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.08837644755840302
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.49 step/s]

[Valid(teacher)][37][UTT][MSE = 0.6412 | LCC = 0.6275 | SRCC = 0.5974 | [SYS][MSE = 0.1546 | LCC = 0.9786 | SRCC = 0.9282]
[Valid(teacher)][37][UTT][GML = 0.218308 | AML = 0.419800 | MoV = 0.261183 | VoV = 0.001611 | [SYS][GML = 0.000000 | AML = 0.169428 | MoV = 0.002909 | VoV = 0.000004]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.09658277834759521
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.51 step/s]

[Valid(teacher)][38][UTT][MSE = 0.6083 | LCC = 0.6307 | SRCC = 0.5995 | [SYS][MSE = 0.1207 | LCC = 0.9798 | SRCC = 0.9275]
[Valid(teacher)][38][UTT][GML = 0.233413 | AML = 0.428642 | MoV = 0.260790 | VoV = 0.001615 | [SYS][GML = 0.000000 | AML = 0.446203 | MoV = 0.002894 | VoV = 0.000004]
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]
Average loss=-0.10679124295711517
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.94 step/s]

[Valid(teacher)][39][UTT][MSE = 0.6118 | LCC = 0.6292 | SRCC = 0.5981 | [SYS][MSE = 0.1200 | LCC = 0.9795 | SRCC = 0.9275]
[Valid(teacher)][39][UTT][GML = 0.228930 | AML = 0.429097 | MoV = 0.257132 | VoV = 0.001617 | [SYS][GML = 0.000000 | AML = 0.458602 | MoV = 0.002853 | VoV = 0.000003]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.12281433492898941
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.09 step/s]

[Valid(teacher)][40][UTT][MSE = 0.6000 | LCC = 0.6290 | SRCC = 0.5973 | [SYS][MSE = 0.1070 | LCC = 0.9785 | SRCC = 0.9316]
[Valid(teacher)][40][UTT][GML = 0.232281 | AML = 0.433556 | MoV = 0.253059 | VoV = 0.001580 | [SYS][GML = 0.000000 | AML = 0.498097 | MoV = 0.002796 | VoV = 0.000003]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.1295464187860489
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.77 step/s]

[Valid(teacher)][41][UTT][MSE = 0.6070 | LCC = 0.6293 | SRCC = 0.5982 | [SYS][MSE = 0.1172 | LCC = 0.9791 | SRCC = 0.9385]
[Valid(teacher)][41][UTT][GML = 0.226259 | AML = 0.432135 | MoV = 0.249801 | VoV = 0.001572 | [SYS][GML = 0.000000 | AML = 0.462662 | MoV = 0.002764 | VoV = 0.000003]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.1477578729391098
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.33 step/s]

[Valid(teacher)][42][UTT][MSE = 0.6441 | LCC = 0.6271 | SRCC = 0.5955 | [SYS][MSE = 0.1588 | LCC = 0.9788 | SRCC = 0.9378]
[Valid(teacher)][42][UTT][GML = 0.204447 | AML = 0.422940 | MoV = 0.244727 | VoV = 0.001626 | [SYS][GML = 0.000000 | AML = 0.024084 | MoV = 0.002713 | VoV = 0.000003]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.1567283719778061
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.93 step/s]

[Valid(teacher)][43][UTT][MSE = 0.6232 | LCC = 0.6264 | SRCC = 0.5943 | [SYS][MSE = 0.1348 | LCC = 0.9782 | SRCC = 0.9262]
[Valid(teacher)][43][UTT][GML = 0.212855 | AML = 0.429559 | MoV = 0.242166 | VoV = 0.001566 | [SYS][GML = 0.000000 | AML = 0.117332 | MoV = 0.002673 | VoV = 0.000003]

```
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.1739746779203415
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.02 step/s]

[Valid(teacher)][44][UTT][ MSE = 0.6374 | LCC = 0.6244 | SRCC = 0.5924 | [SYS][ MSE = 0.1484 | LCC = 0.9769 | SRCC = 0.9275 |
[Valid(teacher)][44][UTT][ GML = 0.201659 | AML = 0.426942 | MoV = 0.237585 | VoV = 0.001665 | [SYS][ GML = 0.000000 | AML = 0.095858 | MoV = 0.002623 | VoV = 0.000003 |
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.1787468340892792
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.38 step/s]

[Valid(teacher)][45][UTT][ MSE = 0.6133 | LCC = 0.6246 | SRCC = 0.5923 | [SYS][ MSE = 0.1195 | LCC = 0.9762 | SRCC = 0.9207 |
[Valid(teacher)][45][UTT][ GML = 0.209893 | AML = 0.434895 | MoV = 0.234438 | VoV = 0.001652 | [SYS][ GML = 0.000000 | AML = 0.428007 | MoV = 0.002597 | VoV = 0.000003 |
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.1862928569316864
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.97 step/s]

[Valid(teacher)][46][UTT][ MSE = 0.5998 | LCC = 0.6262 | SRCC = 0.5932 | [SYS][ MSE = 0.1032 | LCC = 0.9771 | SRCC = 0.9200 |
[Valid(teacher)][46][UTT][ GML = 0.217600 | AML = 0.438886 | MoV = 0.234802 | VoV = 0.001580 | [SYS][ GML = 0.000000 | AML = 0.291557 | MoV = 0.002597 | VoV = 0.000003 |
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.1948823779821396
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.99 step/s]

[Valid(teacher)][47][UTT][ MSE = 0.5973 | LCC = 0.6269 | SRCC = 0.5930 | [SYS][ MSE = 0.1047 | LCC = 0.9773 | SRCC = 0.9275 |
[Valid(teacher)][47][UTT][ GML = 0.217676 | AML = 0.440178 | MoV = 0.233758 | VoV = 0.001605 | [SYS][ GML = 0.000000 | AML = 0.446389 | MoV = 0.002587 | VoV = 0.000003 |
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.2032026795330353
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.08 step/s]

[Valid(teacher)][48][UTT][ MSE = 0.5713 | LCC = 0.6293 | SRCC = 0.5946 | [SYS][ MSE = 0.0781 | LCC = 0.9780 | SRCC = 0.9262 |
[Valid(teacher)][48][UTT][ GML = 0.233516 | AML = 0.446953 | MoV = 0.234990 | VoV = 0.001531 | [SYS][ GML = 0.000000 | AML = 0.433128 | MoV = 0.002586 | VoV = 0.000003 |
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.21277548372745514
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.11 step/s]

[Valid(teacher)][49][UTT][ MSE = 0.5774 | LCC = 0.6293 | SRCC = 0.5940 | [SYS][ MSE = 0.0898 | LCC = 0.9789 | SRCC = 0.9316 |
[Valid(teacher)][49][UTT][ GML = 0.229326 | AML = 0.444850 | MoV = 0.234851 | VoV = 0.001625 | [SYS][ GML = 0.000000 | AML = 0.515864 | MoV = 0.002586 | VoV = 0.000003 |
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.22427821159362793
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.21 step/s]

[Valid(teacher)][50][UTT][ MSE = 0.5649 | LCC = 0.6300 | SRCC = 0.5946 | [SYS][ MSE = 0.0769 | LCC = 0.9797 | SRCC = 0.9309 |
[Valid(teacher)][50][UTT][ GML = 0.234700 | AML = 0.448165 | MoV = 0.233748 | VoV = 0.001685 | [SYS][ GML = 0.000000 | AML = 0.644316 | MoV = 0.002575 | VoV = 0.000003 |
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.23797361552715302
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.67 step/s]

[Valid(teacher)][51][UTT][ MSE = 0.5375 | LCC = 0.6343 | SRCC = 0.5980 | [SYS][ MSE = 0.0499 | LCC = 0.9809 | SRCC = 0.9391 |
[Valid(teacher)][51][UTT][ GML = 0.249037 | AML = 0.457764 | MoV = 0.232281 | VoV = 0.001657 | [SYS][ GML = 0.000071 | AML = 0.868690 | MoV = 0.002556 | VoV = 0.000003 |
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.244427889585495
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.43 step/s]

[Valid(teacher)][52][UTT][ MSE = 0.5352 | LCC = 0.6358 | SRCC = 0.5997 | [SYS][ MSE = 0.0462 | LCC = 0.9818 | SRCC = 0.9432 |
[Valid(teacher)][52][UTT][ GML = 0.248852 | AML = 0.459759 | MoV = 0.230374 | VoV = 0.001606 | [SYS][ GML = 0.000148 | AML = 0.838302 | MoV = 0.002533 | VoV = 0.000003 |
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.2510664761066437
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.25 step/s]

[Valid(teacher)][53][UTT][ MSE = 0.5286 | LCC = 0.6380 | SRCC = 0.6014 | [SYS][ MSE = 0.0452 | LCC = 0.9818 | SRCC = 0.9371 |
[Valid(teacher)][53][UTT][ GML = 0.253032 | AML = 0.461496 | MoV = 0.230154 | VoV = 0.001588 | [SYS][ GML = 0.000189 | AML = 0.830497 | MoV = 0.002527 | VoV = 0.000003 |
Train: 100% 845/845 [03:23<00:00, 4.14 step/s]
Average loss=-0.25633493065834045
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.36 step/s]

[Valid(teacher)][54][UTT][ MSE = 0.5288 | LCC = 0.6376 | SRCC = 0.6007 | [SYS][ MSE = 0.0476 | LCC = 0.9814 | SRCC = 0.9323 |
[Valid(teacher)][54][UTT][ GML = 0.252839 | AML = 0.461634 | MoV = 0.229462 | VoV = 0.001636 | [SYS][ GML = 0.000111 | AML = 0.852301 | MoV = 0.002518 | VoV = 0.000003 |
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.268057256937027
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.99 step/s]

[Valid(teacher)][55][UTT][ MSE = 0.5086 | LCC = 0.6393 | SRCC = 0.6028 | [SYS][ MSE = 0.0254 | LCC = 0.9819 | SRCC = 0.9480 |
[Valid(teacher)][55][UTT][ GML = 0.263936 | AML = 0.468909 | MoV = 0.227776 | VoV = 0.001625 | [SYS][ GML = 0.022238 | AML = 2.108179 | MoV = 0.002488 | VoV = 0.000002 |
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.28481993879185486
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.64 step/s]

[Valid(teacher)][56][UTT][ MSE = 0.5279 | LCC = 0.6357 | SRCC = 0.5985 | [SYS][ MSE = 0.0408 | LCC = 0.9819 | SRCC = 0.9405 |
[Valid(teacher)][56][UTT][ GML = 0.248084 | AML = 0.463420 | MoV = 0.225558 | VoV = 0.001764 | [SYS][ GML = 0.000437 | AML = 0.904665 | MoV = 0.002470 | VoV = 0.000002 |
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.2917018234729767
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.57 step/s]

[Valid(teacher)][57][UTT][ MSE = 0.5417 | LCC = 0.6340 | SRCC = 0.5968 | [SYS][ MSE = 0.0517 | LCC = 0.9810 | SRCC = 0.9398 |
[Valid(teacher)][57][UTT][ GML = 0.238662 | AML = 0.459587 | MoV = 0.224670 | VoV = 0.001826 | [SYS][ GML = 0.000026 | AML = 0.831167 | MoV = 0.002460 | VoV = 0.000002 |
Train: 100% 845/845 [03:24<00:00, 4.12 step/s]
Average loss=-0.29523786902427673
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.66 step/s]

[Valid(teacher)][58][UTT][ MSE = 0.5316 | LCC = 0.6359 | SRCC = 0.5980 | [SYS][ MSE = 0.0451 | LCC = 0.9809 | SRCC = 0.9460 |
[Valid(teacher)][58][UTT][ GML = 0.243536 | AML = 0.462268 | MoV = 0.223530 | VoV = 0.001874 | [SYS][ GML = 0.000129 | AML = 0.970882 | MoV = 0.002449 | VoV = 0.000002 |
Train: 100% 845/845 [03:23<00:00, 4.14 step/s]
Average loss=-0.310164868316345
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.46 step/s]

[Valid(teacher)][59][UTT][ MSE = 0.5147 | LCC = 0.6383 | SRCC = 0.6008 | [SYS][ MSE = 0.0285 | LCC = 0.9813 | SRCC = 0.9480 |
[Valid(teacher)][59][UTT][ GML = 0.254297 | AML = 0.467667 | MoV = 0.223186 | VoV = 0.001888 | [SYS][ GML = 0.007821 | AML = 1.669501 | MoV = 0.002435 | VoV = 0.000002 |
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.31658661365509033
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.27 step/s]

[Valid(teacher)][60][UTT][ MSE = 0.5084 | LCC = 0.6385 | SRCC = 0.6004 | [SYS][ MSE = 0.0216 | LCC = 0.9815 | SRCC = 0.9501 |
[Valid(teacher)][60][UTT][ GML = 0.257687 | AML = 0.470319 | MoV = 0.221011 | VoV = 0.001792 | [SYS][ GML = 0.043430 | AML = 2.886459 | MoV = 0.002409 | VoV = 0.000002 |
Best model performance test:
Test(best): 0% 0/4000 [00:00<?, 7 step/s]/home/x_xliang/.conda/envs/lyxgpu/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, 197.09 step/s]

[Test(best)][61][UTT][ MSE = 0.4939 | LCC = 0.6526 | SRCC = 0.6187 | [SYS][ MSE = 0.0200 | LCC = 0.9845 | SRCC = 0.9638 |
[Test(best)][61][UTT][ GML = 0.271816 | AML = 0.474940 | MoV = 0.227523 | VoV = 0.001583 | [SYS][ GML = 0.064458 | AML = 2.788676 | MoV = 0.001840 | VoV = 0.000001 |
Test(last): 100% 4000/4000 [00:19<00:00, 201.75 step/s]

[Test(last)][61][UTT][ MSE = 0.4969 | LCC = 0.6506 | SRCC = 0.6171 | [SYS][ MSE = 0.0178 | LCC = 0.9829 | SRCC = 0.9638 |
[Test(last)][61][UTT][ GML = 0.263728 | AML = 0.476743 | MoV = 0.220691 | VoV = 0.001744 | [SYS][ GML = 0.097938 | AML = 3.028291 | MoV = 0.001780 | VoV = 0.000001 |
(lyxgpu) [x_xliang@node011 ProMOSNet]$
```