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[x_xlian@node032 ProMOSNet]$ python train.py --lamb_c=0.5 --lamb_t=1 --save_path "run5/"
Loading all wav files.
[Progress bar] | 54040/54040 [07:53<00:00, 114.19it/s]
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.
[Progress bar] | 3000/3000 [01:44<00:00, 28.65it/s]
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.
[Progress bar] | 4000/4000 [02:21<00:00, 28.25it/s]
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 [03:27<00:00, 4.07 step/s]
Average loss=55082.59375
Valid(teacher): 100% 3000/3000 [00:16<00:00, 176.63 step/s]

[Valid(teacher)][0][UTT] MSE = 3.0602 | LCC = 0.4792 | SRCC = 0.4645 | [SYS] MSE = 2.9066 | LCC = 0.7933 | SRCC = 0.8304 |
[Valid(teacher)][0][UTT] GML = 0.016728 | AML = 0.124497 | MoV = 0.432504 | VoV = 0.006526 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.005062 | VoV = 0.000018 |
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=0.5595582723617554
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.79 step/s]

[Valid(teacher)][1][UTT] MSE = 1.9521 | LCC = 0.5625 | SRCC = 0.5304 | [SYS] MSE = 1.6065 | LCC = 0.9037 | SRCC = 0.8516 |
[Valid(teacher)][1][UTT] GML = 0.042629 | AML = 0.192436 | MoV = 0.410998 | VoV = 0.011208 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004973 | VoV = 0.000023 |
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=0.4594806134700775
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.61 step/s]

[Valid(teacher)][2][UTT] MSE = 1.1994 | LCC = 0.5928 | SRCC = 0.5512 | [SYS] MSE = 0.8073 | LCC = 0.9278 | SRCC = 0.8530 |
[Valid(teacher)][2][UTT] GML = 0.128813 | AML = 0.280948 | MoV = 0.438609 | VoV = 0.010010 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.005186 | VoV = 0.000021 |
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]
Average loss=0.41609326004981995
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.09 step/s]

[Valid(teacher)][3][UTT] MSE = 1.0149 | LCC = 0.6104 | SRCC = 0.5659 | [SYS] MSE = 0.6243 | LCC = 0.9433 | SRCC = 0.8708 |
[Valid(teacher)][3][UTT] GML = 0.170600 | AML = 0.311221 | MoV = 0.438361 | VoV = 0.008316 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.005118 | VoV = 0.000019 |
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=0.38288843631744385
Valid(teacher): 100% 3000/3000 [00:16<00:00, 185.47 step/s]

[Valid(teacher)][4][UTT] MSE = 0.9834 | LCC = 0.6184 | SRCC = 0.5725 | [SYS] MSE = 0.6026 | LCC = 0.9556 | SRCC = 0.8851 |
[Valid(teacher)][4][UTT] GML = 0.183421 | AML = 0.317973 | MoV = 0.435067 | VoV = 0.007141 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.005097 | VoV = 0.000019 |
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=0.3513549566268921
Valid(teacher): 100% 3000/3000 [00:16<00:00, 186.79 step/s]

[Valid(teacher)][5][UTT] MSE = 1.0490 | LCC = 0.6180 | SRCC = 0.5722 | [SYS] MSE = 0.6795 | LCC = 0.9583 | SRCC = 0.8892 |
[Valid(teacher)][5][UTT] GML = 0.165757 | AML = 0.308587 | MoV = 0.420110 | VoV = 0.006709 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004940 | VoV = 0.000018 |
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=0.32876691222190857
Valid(teacher): 100% 3000/3000 [00:16<00:00, 184.59 step/s]

[Valid(teacher)][6][UTT] MSE = 1.0848 | LCC = 0.6193 | SRCC = 0.5745 | [SYS] MSE = 0.7223 | LCC = 0.9617 | SRCC = 0.9009 |
[Valid(teacher)][6][UTT] GML = 0.158694 | AML = 0.304507 | MoV = 0.410230 | VoV = 0.005883 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004819 | VoV = 0.000017 |
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=0.3074299693187605
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.19 step/s]

[Valid(teacher)][7][UTT] MSE = 1.1089 | LCC = 0.6180 | SRCC = 0.5751 | [SYS] MSE = 0.7528 | LCC = 0.9642 | SRCC = 0.9104 |
[Valid(teacher)][7][UTT] GML = 0.154063 | AML = 0.302225 | MoV = 0.402244 | VoV = 0.005117 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004725 | VoV = 0.000016 |
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=0.2787278890609741
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.35 step/s]

[Valid(teacher)][8][UTT] MSE = 1.1142 | LCC = 0.6178 | SRCC = 0.5777 | [SYS] MSE = 0.7639 | LCC = 0.9666 | SRCC = 0.9118 |
[Valid(teacher)][8][UTT] GML = 0.152952 | AML = 0.302639 | MoV = 0.394448 | VoV = 0.004253 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004627 | VoV = 0.000015 |
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=0.2529049515724182
Valid(teacher): 100% 3000/3000 [00:16<00:00, 185.06 step/s]

[Valid(teacher)][9][UTT] MSE = 1.1028 | LCC = 0.6169 | SRCC = 0.5805 | [SYS] MSE = 0.7500 | LCC = 0.9679 | SRCC = 0.9173 |
[Valid(teacher)][9][UTT] GML = 0.153656 | AML = 0.305181 | MoV = 0.387296 | VoV = 0.003773 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004534 | VoV = 0.000014 |
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=0.2291883582325745
Valid(teacher): 100% 3000/3000 [00:16<00:00, 183.11 step/s]

[Valid(teacher)][10][UTT] MSE = 1.1117 | LCC = 0.6146 | SRCC = 0.5809 | [SYS] MSE = 0.7567 | LCC = 0.9691 | SRCC = 0.9173 |
[Valid(teacher)][10][UTT] GML = 0.149035 | AML = 0.304618 | MoV = 0.378770 | VoV = 0.003512 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004428 | VoV = 0.000013 |
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=0.2057492583990897
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.30 step/s]

[Valid(teacher)][11][UTT] MSE = 1.0950 | LCC = 0.6133 | SRCC = 0.5832 | [SYS] MSE = 0.7355 | LCC = 0.9699 | SRCC = 0.9309 |
[Valid(teacher)][11][UTT] GML = 0.151098 | AML = 0.307632 | MoV = 0.374500 | VoV = 0.003085 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004361 | VoV = 0.000012 |
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=0.17793510854244232
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.19 step/s]

[Valid(teacher)][12][UTT] MSE = 1.0809 | LCC = 
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Average loss=0.010744142346084118
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.79 step/s]

[Valid(teacher)][20][UTT][MSE = 0.8650 | LCC = 0.6230 | SRCC = 0.5972 | [SYS][MSE = 0.4116 | LCC = 0.9773 | SRCC = 0.9350]
[Valid(teacher)][20][UTT][GML = 0.182616 | AML = 0.354422 | MoV = 0.330925 | VoV = 0.001910 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003768 | VoV = 0.000007]
Train: 100% 845/845 [03:24<00:00, 4.12 step/s]
Average loss=-0.008417668752372265
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.34 step/s]

[Valid(teacher)][21][UTT][MSE = 0.8600 | LCC = 0.6208 | SRCC = 0.5958 | [SYS][MSE = 0.3998 | LCC = 0.9774 | SRCC = 0.9303]
[Valid(teacher)][21][UTT][GML = 0.180015 | AML = 0.356489 | MoV = 0.323699 | VoV = 0.001927 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003688 | VoV = 0.000007]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=-0.02896425686776638
Valid(teacher): 100% 3000/3000 [00:16<00:00, 186.11 step/s]

[Valid(teacher)][22][UTT][MSE = 0.9040 | LCC = 0.6148 | SRCC = 0.5909 | [SYS][MSE = 0.4430 | LCC = 0.9755 | SRCC = 0.9159]
[Valid(teacher)][22][UTT][GML = 0.165000 | AML = 0.348635 | MoV = 0.318224 | VoV = 0.001900 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003629 | VoV = 0.000007]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.04658406227827072
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.06 step/s]

[Valid(teacher)][23][UTT][MSE = 0.7689 | LCC = 0.6236 | SRCC = 0.5962 | [SYS][MSE = 0.2898 | LCC = 0.9780 | SRCC = 0.9303]
[Valid(teacher)][23][UTT][GML = 0.202177 | AML = 0.378061 | MoV = 0.314802 | VoV = 0.001995 | [SYS][GML = 0.000000 | AML = 0.000004 | MoV = 0.003571 | VoV = 0.000006]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.06393644950734512
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.56 step/s]

[Valid(teacher)][24][UTT][MSE = 0.6807 | LCC = 0.6288 | SRCC = 0.5992 | [SYS][MSE = 0.1939 | LCC = 0.9781 | SRCC = 0.9289]
[Valid(teacher)][24][UTT][GML = 0.231491 | AML = 0.398868 | MoV = 0.310610 | VoV = 0.001999 | [SYS][GML = 0.000000 | AML = 0.002585 | MoV = 0.003499 | VoV = 0.000006]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.08027739077806473
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.79 step/s]

[Valid(teacher)][25][UTT][MSE = 0.6565 | LCC = 0.6307 | SRCC = 0.6004 | [SYS][MSE = 0.1667 | LCC = 0.9784 | SRCC = 0.9316]
[Valid(teacher)][25][UTT][GML = 0.240971 | AML = 0.404702 | MoV = 0.309190 | VoV = 0.001842 | [SYS][GML = 0.000000 | AML = 0.013647 | MoV = 0.003471 | VoV = 0.000006]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=-0.09620402008295059
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.00 step/s]

[Valid(teacher)][26][UTT][MSE = 0.6187 | LCC = 0.6370 | SRCC = 0.6062 | [SYS][MSE = 0.1295 | LCC = 0.9797 | SRCC = 0.9439]
[Valid(teacher)][26][UTT][GML = 0.255069 | AML = 0.414380 | MoV = 0.306017 | VoV = 0.001928 | [SYS][GML = 0.000000 | AML = 0.203312 | MoV = 0.003427 | VoV = 0.000005]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.11091770976781845
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.02 step/s]

[Valid(teacher)][27][UTT][MSE = 0.6097 | LCC = 0.6392 | SRCC = 0.6087 | [SYS][MSE = 0.1219 | LCC = 0.9795 | SRCC = 0.9371]
[Valid(teacher)][27][UTT][GML = 0.257454 | AML = 0.416831 | MoV = 0.302792 | VoV = 0.001944 | [SYS][GML = 0.000000 | AML = 0.289842 | MoV = 0.003383 | VoV = 0.000005]
Train: 100% 845/845 [03:22<00:00, 4.17 step/s]
Average loss=-0.13354752957820892
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.89 step/s]

[Valid(teacher)][28][UTT][MSE = 0.5615 | LCC = 0.6433 | SRCC = 0.6127 | [SYS][MSE = 0.0727 | LCC = 0.9795 | SRCC = 0.9467]
[Valid(teacher)][28][UTT][GML = 0.279316 | AML = 0.429248 | MoV = 0.300208 | VoV = 0.001856 | [SYS][GML = 0.000003 | AML = 0.898629 | MoV = 0.003333 | VoV = 0.000005]
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]
Average loss=-0.14914320409297943
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.36 step/s]

[Valid(teacher)][29][UTT][MSE = 0.5449 | LCC = 0.6440 | SRCC = 0.6125 | [SYS][MSE = 0.0562 | LCC = 0.9783 | SRCC = 0.9419]
[Valid(teacher)][29][UTT][GML = 0.285011 | AML = 0.434724 | MoV = 0.295643 | VoV = 0.001973 | [SYS][GML = 0.000047 | AML = 0.781447 | MoV = 0.003274 | VoV = 0.000004]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.16549554467201233
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.72 step/s]

[Valid(teacher)][30][UTT][MSE = 0.5432 | LCC = 0.6436 | SRCC = 0.6114 | [SYS][MSE = 0.0545 | LCC = 0.9785 | SRCC = 0.9446]
[Valid(teacher)][30][UTT][GML = 0.284362 | AML = 0.436410 | MoV = 0.291589 | VoV = 0.001883 | [SYS][GML = 0.000061 | AML = 0.855208 | MoV = 0.003223 | VoV = 0.000004]
Train: 100% 845/845 [03:22<00:00, 4.17 step/s]
Average loss=-0.18950640805823517
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.07 step/s]

[Valid(teacher)][31][UTT][MSE = 0.5437 | LCC = 0.6425 | SRCC = 0.6100 | [SYS][MSE = 0.0548 | LCC = 0.9781 | SRCC = 0.9337]
[Valid(teacher)][31][UTT][GML = 0.280553 | AML = 0.437657 | MoV = 0.285347 | VoV = 0.001910 | [SYS][GML = 0.000042 | AML = 1.004615 | MoV = 0.003155 | VoV = 0.000004]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.21014240384101868
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.58 step/s]

[Valid(teacher)][32][UTT][MSE = 0.5426 | LCC = 0.6397 | SRCC = 0.6076 | [SYS][MSE = 0.0493 | LCC = 0.9765 | SRCC = 0.9323]
[Valid(teacher)][32][UTT][GML = 0.279064 | AML = 0.439484 | MoV = 0.280139 | VoV = 0.001815 | [SYS][GML = 0.000106 | AML = 1.001757 | MoV = 0.003097 | VoV = 0.000004]
Train: 100% 845/845 [03:22<00:00, 4.17 step/s]
Average loss=-0.2253302357391357
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.22 step/s]

[Valid(teacher)][33][UTT][MSE = 0.5348 | LCC = 0.6414 | SRCC = 0.6088 | [SYS][MSE = 0.0452 | LCC = 0.9781 | SRCC = 0.9337]
[Valid(teacher)][33][UTT][GML = 0.281890 | AML = 0.442231 | MoV = 0.278167 | VoV = 0.001947 | [SYS][GML = 0.000253 | AML = 1.201512 | MoV = 0.003067 | VoV = 0.000004]
Train: 100% 845/845 [03:24<00:00, 4.12 step/s]
Average loss=-0.24302153289318085
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.46 step/s]

[Valid(teacher)][34][UTT][MSE = 0.5245 | LCC = 0.6398 | SRCC = 0.6075 | [SYS][MSE = 0.0289 | LCC = 0.9745 | SRCC = 0.9275]
[Valid(teacher)][34][UTT][GML = 0.285825 | AML = 0.446590 | MoV = 0.273952 | VoV = 0.001849 | [SYS][GML = 0.007181 | AML = 2.343330 | MoV = 0.003007 | VoV = 0.000003]
Train: 100% 845/845 [03:22<00:00, 4.16 step/s]
Average loss=-0.2524719536304474
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.65 step/s]

[Valid(teacher)][35][UTT][MSE = 0.5127 | LCC = 0.6421 | SRCC = 0.6106 | [SYS][MSE = 0.0210 | LCC = 0.9763 | SRCC = 0.9398]
[Valid(teacher)][35][UTT][GML = 0.292783 | AML = 0.450783 | MoV = 0.273275 | VoV = 0.001816 | [SYS][GML = 0.048452 | AML = 2.380393 | MoV = 0.002983 | VoV = 0.000003]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.2691405117511749
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.16 step/s]

[Valid(teacher)][36][UTT][MSE = 0.5168 | LCC = 0.6410 | SRCC = 0.6091 | [SYS][MSE = 0.0233 | LCC = 0.9769 | SRCC = 0.9378]
[Valid(teacher)][36][UTT][GML = 0.287519 | AML = 0.450324 | MoV = 0.269260 | VoV = 0.001853 | [SYS][GML = 0.026709 | AML = 2.196276 | MoV = 0.002942 | VoV = 0.000003]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.2894028425216675
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.07 step/s]

[Valid(teacher)][37][UTT][MSE = 0.5192 | LCC = 0.6406 | SRCC = 0.6082 | [SYS][MSE = 0.0239 | LCC = 0.9761 | SRCC = 0.9419]
[Valid(teacher)][37][UTT][GML = 0.283586 | AML = 0.451268 | MoV = 0.267022 | VoV = 0.002005 | [SYS][GML = 0.018922 | AML = 2.095334 | MoV = 0.002923 | VoV = 0.000003]
Train: 100% 845/845 [03:22<00:00, 4.18 step/s]
Average loss=-0.292224168774658
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.92 step/s]

[Valid(teacher)][38][UTT][MSE = 0.5152 | LCC = 0.6398 | SRCC = 0.6070 | [SYS][MSE = 0.0212 | LCC = 0.9764 | SRCC = 0.9446]
[Valid(teacher)][38][UTT][GML = 0.285632 | AML = 0.453060 | MoV = 0.265155 | VoV = 0.001861 | [SYS][GML = 0.040172 | AML = 2.145931 | MoV = 0.002908 | VoV = 0.000003]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.31092551350593567
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.18 step/s]

[Valid(teacher)][39][UTT][MSE = 0.5189 | LCC = 0.6379 | SRCC = 0.6055 | [SYS][MSE = 0.0212 | LCC = 0.9754 | SRCC = 0.9426]
[Valid(teacher)][39][UTT][GML = 0.281007 | AML = 0.453470 | MoV = 0.262388 | VoV = 0.001930 | [SYS][GML = 0.037811 | AML = 2.289895 | MoV = 0.002880 | VoV = 0.000003]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.32208451628685
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.04 step/s]

[Valid(teacher)][40][UTT][MSE = 0.5138 | LCC = 0.6383 | SRCC = 0.6055 | [SYS][MSE = 0.0207 | LCC = 0.9770 | SRCC = 0.9610]
[Valid(teacher)][40][UTT][GML = 0.283287 | AML = 0.455448 | MoV = 0.262158 | VoV = 0.001976 | [SYS][GML = 0.052807 | AML = 2.170400 | MoV = 0.002874 | VoV = 0.000003]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.33111459016799927
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.30 step/s]

[Valid(teacher)][41][UTT][MSE = 0.5166 | LCC = 0.6370 | SRCC = 0.6047 | [SYS][MSE = 0.0208 | LCC = 0.9742 | SRCC = 0.9494]
[Valid(teacher)][41][UTT][GML = 0.281083 | AML = 0.456685 | MoV = 0.258047 | VoV = 0.001826 | [SYS][GML = 0.052620 | AML = 2.524547 | MoV = 0.002817 | VoV = 0.000003]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.3519609272480011
Valid(teacher): 100% 3000/3000 [00:15<00:00, 188.56 step/s]

[Valid(teacher)][42][UTT][MSE = 0.5199 | LCC = 0.6368 | SRCC = 0.6049 | [SYS][MSE = 0.0211 | LCC = 0.9734 | SRCC = 0.9350]
[Valid(teacher)][42][UTT][GML = 0.275083 | AML = 0.457445 | MoV = 0.252999 | VoV = 0.001854 | [SYS][GML = 0.038413 | AML = 2.520502 | MoV = 0.002769 | VoV = 0.000003]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.3658776879310608
Valid(teacher): 100% 3000/3000 [00:16<00:00, 181.69 step/s]

[Valid(teacher)][43][UTT][MSE = 0.5165 | LCC = 0.6366 | SRCC = 0.6038 | [SYS][MSE = 0.0204 | LCC = 0.9749 | SRCC = 0.9378]
[Valid(teacher)][43][UTT][GML = 0.275399 | AML = 0.458563 | MoV = 0.250859 | VoV = 0.001867 | [SYS][GML = 0.046974 | AML = 2.182894 | MoV = 0.002746 | VoV = 0.000003]

Train: 100% 845/845 [03:24<00:00, 4.12 step/s]
Average loss=-0.3805640637874603
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.49 step/s]

[Valid(teacher)][44][UTT][MSE = 0.5147 | LCC = 0.6371 | SRCC = 0.6048 | [SYS][MSE = 0.0200 | LCC = 0.9745 | SRCC = 0.9432]
[Valid(teacher)][44][UTT][GML = 0.275448 | AML = 0.460322 | MoV = 0.248121 | VoV = 0.001814 | [SYS][GML = 0.055246 | AML = 2.468672 | MoV = 0.002714 | VoV = 0.000003]
Train: 100% 845/845 [03:24<00:00, 4.12 step/s]
Average loss=-0.385900819941329956
Valid(teacher): 100% 3000/3000 [00:15<00:00, 190.79 step/s]

[Valid(teacher)][45][UTT][MSE = 0.5181 | LCC = 0.6356 | SRCC = 0.6033 | [SYS][MSE = 0.0206 | LCC = 0.9740 | SRCC = 0.9426]
[Valid(teacher)][45][UTT][GML = 0.271396 | AML = 0.460047 | MoV = 0.245727 | VoV = 0.001827 | [SYS][GML = 0.041125 | AML = 2.408203 | MoV = 0.002687 | VoV = 0.000003]
Train: 100% 845/845 [03:24<00:00, 4.12 step/s]
Average loss=-0.4018206298351288
Valid(teacher): 100% 3000/3000 [00:15<00:00, 188.36 step/s]

[Valid(teacher)][46][UTT][MSE = 0.5173 | LCC = 0.6342 | SRCC = 0.6013 | [SYS][MSE = 0.0204 | LCC = 0.9758 | SRCC = 0.9439]
[Valid(teacher)][46][UTT][GML = 0.269732 | AML = 0.460473 | MoV = 0.243280 | VoV = 0.001805 | [SYS][GML = 0.051178 | AML = 2.348673 | MoV = 0.002666 | VoV = 0.000003]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.4154960811138153
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.66 step/s]

[Valid(teacher)][47][UTT][MSE = 0.5229 | LCC = 0.6322 | SRCC = 0.6000 | [SYS][MSE = 0.0203 | LCC = 0.9742 | SRCC = 0.9391]
[Valid(teacher)][47][UTT][GML = 0.264001 | AML = 0.460398 | MoV = 0.239850 | VoV = 0.001747 | [SYS][GML = 0.048168 | AML = 2.393615 | MoV = 0.002626 | VoV = 0.000003]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.42706623673439026
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.40 step/s]

[Valid(teacher)][48][UTT][MSE = 0.5243 | LCC = 0.6324 | SRCC = 0.6007 | [SYS][MSE = 0.0214 | LCC = 0.9736 | SRCC = 0.9405]
[Valid(teacher)][48][UTT][GML = 0.261820 | AML = 0.460803 | MoV = 0.237790 | VoV = 0.001730 | [SYS][GML = 0.038999 | AML = 2.504100 | MoV = 0.002602 | VoV = 0.000003]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.4424441456794739
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.04 step/s]

[Valid(teacher)][49][UTT][MSE = 0.5320 | LCC = 0.6309 | SRCC = 0.6000 | [SYS][MSE = 0.0302 | LCC = 0.9708 | SRCC = 0.9371]
[Valid(teacher)][49][UTT][GML = 0.257204 | AML = 0.459864 | MoV = 0.236074 | VoV = 0.001694 | [SYS][GML = 0.004712 | AML = 2.310760 | MoV = 0.002573 | VoV = 0.000003]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.4560415744781494
Valid(teacher): 100% 3000/3000 [00:16<00:00, 185.29 step/s]

[Valid(teacher)][50][UTT][MSE = 0.5329 | LCC = 0.6295 | SRCC = 0.5985 | [SYS][MSE = 0.0284 | LCC = 0.9711 | SRCC = 0.9426]
[Valid(teacher)][50][UTT][GML = 0.254138 | AML = 0.460574 | MoV = 0.232683 | VoV = 0.001664 | [SYS][GML = 0.006045 | AML = 2.582595 | MoV = 0.002539 | VoV = 0.000002]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=-0.459033340215683
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.16 step/s]

[Valid(teacher)][51][UTT][MSE = 0.5381 | LCC = 0.6303 | SRCC = 0.6005 | [SYS][MSE = 0.0325 | LCC = 0.9713 | SRCC = 0.9405]
[Valid(teacher)][51][UTT][GML = 0.251071 | AML = 0.459802 | MoV = 0.232500 | VoV = 0.001654 | [SYS][GML = 0.002251 | AML = 2.133267 | MoV = 0.002529 | VoV = 0.000002]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.4748144745826721
Valid(teacher): 100% 3000/3000 [00:15<00:00, 187.66 step/s]

[Valid(teacher)][52][UTT][MSE = 0.5401 | LCC = 0.6294 | SRCC = 0.5997 | [SYS][MSE = 0.0333 | LCC = 0.9711 | SRCC = 0.9439]
[Valid(teacher)][52][UTT][GML = 0.248218 | AML = 0.459595 | MoV = 0.229293 | VoV = 0.001541 | [SYS][GML = 0.001523 | AML = 2.098710 | MoV = 0.002498 | VoV = 0.000002]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.49086931347846985
Valid(teacher): 100% 3000/3000 [00:15<00:00, 188.12 step/s]

[Valid(teacher)][53][UTT][MSE = 0.5352 | LCC = 0.6298 | SRCC = 0.6001 | [SYS][MSE = 0.0317 | LCC = 0.9706 | SRCC = 0.9391]
[Valid(teacher)][53][UTT][GML = 0.248273 | AML = 0.461876 | MoV = 0.225471 | VoV = 0.001449 | [SYS][GML = 0.002220 | AML = 2.154890 | MoV = 0.002457 | VoV = 0.000002]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.4975932538509369
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.30 step/s]

[Valid(teacher)][54][UTT][MSE = 0.5372 | LCC = 0.6291 | SRCC = 0.5995 | [SYS][MSE = 0.0316 | LCC = 0.9709 | SRCC = 0.9419]
[Valid(teacher)][54][UTT][GML = 0.246032 | AML = 0.461040 | MoV = 0.224190 | VoV = 0.001444 | [SYS][GML = 0.002209 | AML = 2.092186 | MoV = 0.002440 | VoV = 0.000002]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.5095657110214233
Valid(teacher): 100% 3000/3000 [00:16<00:00, 184.86 step/s]

[Valid(teacher)][55][UTT][MSE = 0.5278 | LCC = 0.6305 | SRCC = 0.6009 | [SYS][MSE = 0.0244 | LCC = 0.9736 | SRCC = 0.9432]
[Valid(teacher)][55][UTT][GML = 0.250232 | AML = 0.464190 | MoV = 0.223462 | VoV = 0.001484 | [SYS][GML = 0.014766 | AML = 2.472335 | MoV = 0.002439 | VoV = 0.000002]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.5212295651435852
Valid(teacher): 100% 3000/3000 [00:16<00:00, 181.53 step/s]

[Valid(teacher)][56][UTT][MSE = 0.5258 | LCC = 0.6304 | SRCC = 0.5999 | [SYS][MSE = 0.0231 | LCC = 0.9734 | SRCC = 0.9432]
[Valid(teacher)][56][UTT][GML = 0.249906 | AML = 0.465237 | MoV = 0.222581 | VoV = 0.001550 | [SYS][GML = 0.021439 | AML = 2.300649 | MoV = 0.002433 | VoV = 0.000002]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.5310786962509155
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.30 step/s]

[Valid(teacher)][57][UTT][MSE = 0.5334 | LCC = 0.6286 | SRCC = 0.5985 | [SYS][MSE = 0.0310 | LCC = 0.9720 | SRCC = 0.9432]
[Valid(teacher)][57][UTT][GML = 0.244424 | AML = 0.463945 | MoV = 0.219098 | VoV = 0.001411 | [SYS][GML = 0.002660 | AML = 2.292072 | MoV = 0.002387 | VoV = 0.000002]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.5492295026779175
Valid(teacher): 100% 3000/3000 [00:16<00:00, 186.28 step/s]

[Valid(teacher)][58][UTT][MSE = 0.5364 | LCC = 0.6276 | SRCC = 0.5978 | [SYS][MSE = 0.0350 | LCC = 0.9720 | SRCC = 0.9501]
[Valid(teacher)][58][UTT][GML = 0.241248 | AML = 0.463667 | MoV = 0.217325 | VoV = 0.001424 | [SYS][GML = 0.000886 | AML = 1.980992 | MoV = 0.002360 | VoV = 0.000002]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.5569841265678406
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.01 step/s]

[Valid(teacher)][59][UTT][MSE = 0.5188 | LCC = 0.6289 | SRCC = 0.5980 | [SYS][MSE = 0.0216 | LCC = 0.9746 | SRCC = 0.9501]
[Valid(teacher)][59][UTT][GML = 0.249981 | AML = 0.467956 | MoV = 0.218134 | VoV = 0.001571 | [SYS][GML = 0.040207 | AML = 2.193386 | MoV = 0.002379 | VoV = 0.000002]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.5680932998657227
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.15 step/s]

[Valid(teacher)][60][UTT][MSE = 0.5225 | LCC = 0.6304 | SRCC = 0.6001 | [SYS][MSE = 0.0273 | LCC = 0.9735 | SRCC = 0.9494]
[Valid(teacher)][60][UTT][GML = 0.246805 | AML = 0.467432 | MoV = 0.215788 | VoV = 0.001470 | [SYS][GML = 0.006899 | AML = 2.515618 | MoV = 0.002345 | VoV = 0.000002]
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 [00:21<00:00, 183.80 step/s]

[Test(best)][61][UTT][MSE = 0.5359 | LCC = 0.6530 | SRCC = 0.6180 | [SYS][MSE = 0.0532 | LCC = 0.9785 | SRCC = 0.9631]
[Test(best)][61][UTT][GML = 0.288838 | AML = 0.446006 | MoV = 0.295049 | VoV = 0.001956 | [SYS][GML = 0.000007 | AML = 0.944807 | MoV = 0.002401 | VoV = 0.000002]
Test(last): 100% 4000/4000 [00:21<00:00, 182.23 step/s]

[Test(last)][61][UTT][MSE = 0.5310 | LCC = 0.6316 | SRCC = 0.6005 | [SYS][MSE = 0.0313 | LCC = 0.9714 | SRCC = 0.9692]
[Test(last)][61][UTT][GML = 0.244123 | AML = 0.469602 | MoV = 0.216519 | VoV = 0.001475 | [SYS][GML = 0.000530 | AML = 1.716816 | MoV = 0.001735 | VoV = 0.000001]
(lxygpu) [x_xliangnode032 ProMOSNet]\$