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xlygpu0 [x_xlian@node028 ProMOSNet]$ python train.py --lamb_c=0.5 --lamb_t=0.5 --runs/c5e-1-t5e-1/run6"
Loading all wav files.
100%|██████████████████████████████████████████████████████████████████████████████| 54040/54040 [08:26<00:00, 106.78it/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 [01:52<00:00, 26.79it/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 [02:31<00:00, 26.40it/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 [03:28<00:00, 4.05 step/s]
Average loss=0.3241796875
Valid(teacher): 100% 3000/3000 [00:16<00:00, 180.35 step/s]

[Valid(teacher)][0][UTT] MSE = 1.2804 | LCC = 0.4559 | SRCC = 0.4458 | [SYS][ MSE = 0.9967 | LCC = 0.7990 | SRCC = 0.8113 ]
[Valid(teacher)][0][UTT] GML = 0.175615 | AML = 0.277224 | MoV = 0.593897 | VoV = 0.005635 | [SYS][ GML = 0.000000 | AML = 0.000069 | MoV = 0.006854 | VoV = 0.000030 ]
Train: 100% 845/845 [03:24<00:00, 4.12 step/s]
Average loss=0.4272266626358032
Valid(teacher): 100% 3000/3000 [00:16<00:00, 186.60 step/s]

[Valid(teacher)][1][UTT] MSE = 3.6309 | LCC = 0.5244 | SRCC = 0.5068 | [SYS][ MSE = 3.4107 | LCC = 0.9016 | SRCC = 0.8482 ]
[Valid(teacher)][1][UTT] GML = 0.001732 | AML = 0.075921 | MoV = 0.321297 | VoV = 0.006313 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003864 | VoV = 0.000013 ]
Train: 100% 845/845 [03:23<00:00, 4.14 step/s]
Average loss=0.35308152437210083
Valid(teacher): 100% 3000/3000 [00:15<00:00, 190.55 step/s]

[Valid(teacher)][2][UTT] MSE = 4.1844 | LCC = 0.5406 | SRCC = 0.5188 | [SYS][ MSE = 3.9471 | LCC = 0.9360 | SRCC = 0.8865 ]
[Valid(teacher)][2][UTT] GML = 0.000204 | AML = 0.047148 | MoV = 0.276207 | VoV = 0.006088 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003381 | VoV = 0.000011 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=0.30865293741226196
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.62 step/s]

[Valid(teacher)][3][UTT] MSE = 1.0952 | LCC = 0.5555 | SRCC = 0.5339 | [SYS][ MSE = 0.6894 | LCC = 0.9499 | SRCC = 0.9050 ]
[Valid(teacher)][3][UTT] GML = 0.162608 | AML = 0.302973 | MoV = 0.427267 | VoV = 0.005145 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.005021 | VoV = 0.000018 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=0.2777805326931406
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.63 step/s]

[Valid(teacher)][4][UTT] MSE = 1.1523 | LCC = 0.5656 | SRCC = 0.5438 | [SYS][ MSE = 0.7280 | LCC = 0.9554 | SRCC = 0.9385 ]
[Valid(teacher)][4][UTT] GML = 0.143676 | AML = 0.295678 | MoV = 0.407002 | VoV = 0.003894 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004754 | VoV = 0.000015 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=0.2577762305736542
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.01 step/s]

[Valid(teacher)][5][UTT] MSE = 0.9850 | LCC = 0.5783 | SRCC = 0.5471 | [SYS][ MSE = 0.5369 | LCC = 0.9602 | SRCC = 0.9350 ]
[Valid(teacher)][5][UTT] GML = 0.180096 | AML = 0.321979 | MoV = 0.413922 | VoV = 0.003329 | [SYS][ GML = 0.000000 | AML = 0.000001 | MoV = 0.004799 | VoV = 0.000014 ]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=0.2414458841085434
Valid(teacher): 100% 3000/3000 [00:15<00:00, 187.98 step/s]

[Valid(teacher)][6][UTT] MSE = 0.7341 | LCC = 0.5750 | SRCC = 0.5501 | [SYS][ MSE = 0.2606 | LCC = 0.9617 | SRCC = 0.9330 ]
[Valid(teacher)][6][UTT] GML = 0.253012 | AML = 0.365690 | MoV = 0.428133 | VoV = 0.002693 | [SYS][ GML = 0.000000 | AML = 0.019011 | MoV = 0.004898 | VoV = 0.000013 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=0.2283166949086213
Valid(teacher): 100% 3000/3000 [00:15<00:00, 188.28 step/s]

[Valid(teacher)][7][UTT] MSE = 0.6154 | LCC = 0.5801 | SRCC = 0.5518 | [SYS][ MSE = 0.1311 | LCC = 0.9643 | SRCC = 0.9268 ]
[Valid(teacher)][7][UTT] GML = 0.294805 | AML = 0.388076 | MoV = 0.437065 | VoV = 0.002380 | [SYS][ GML = 0.000020 | AML = 0.290391 | MoV = 0.004941 | VoV = 0.000012 ]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=0.20676352083683014
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.45 step/s]

[Valid(teacher)][8][UTT] MSE = 0.5603 | LCC = 0.5808 | SRCC = 0.5516 | [SYS][ MSE = 0.0611 | LCC = 0.9646 | SRCC = 0.9323 ]
[Valid(teacher)][8][UTT] GML = 0.315481 | AML = 0.400077 | MoV = 0.435464 | VoV = 0.001948 | [SYS][ GML = 0.046333 | AML = 1.989092 | MoV = 0.004869 | VoV = 0.000011 ]
Train: 100% 845/845 [03:24<00:00, 4.15 step/s]
Average loss=0.18911609053611755
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.00 step/s]

[Valid(teacher)][9][UTT] MSE = 0.5430 | LCC = 0.5860 | SRCC = 0.5553 | [SYS][ MSE = 0.0493 | LCC = 0.9657 | SRCC = 0.9309 ]
[Valid(teacher)][9][UTT] GML = 0.321780 | AML = 0.404652 | MoV = 0.429841 | VoV = 0.001793 | [SYS][ GML = 0.140772 | AML = 2.595340 | MoV = 0.004793 | VoV = 0.000010 ]
Train: 100% 845/845 [03:23<00:00, 4.14 step/s]
Average loss=0.17678028345108032
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.16 step/s]

[Valid(teacher)][10][UTT] MSE = 0.5432 | LCC = 0.5925 | SRCC = 0.5603 | [SYS][ MSE = 0.0576 | LCC = 0.9676 | SRCC = 0.9234 ]
[Valid(teacher)][10][UTT] GML = 0.320907 | AML = 0.406042 | MoV = 0.421858 | VoV = 0.001943 | [SYS][ GML = 0.042463 | AML = 2.228420 | MoV = 0.004716 | VoV = 0.000010 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=0.15813861787319183
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.66 step/s]

[Valid(teacher)][11][UTT] MSE = 0.5931 | LCC = 0.5937 | SRCC = 0.5617 | [SYS][ MSE = 0.1197 | LCC = 0.9676 | SRCC = 0.9234 ]
[Valid(teacher)][11][UTT] GML = 0.298827 | AML = 0.399299 | MoV = 0.4041
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Average loss=0.02945997565984726
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.73 step/s]

[Valid(teacher)][20][UTT][MSE = 0.7134 | LCC = 0.6112 | SRCC = 0.5862 | [SYS][MSE = 0.3016 | LCC = 0.9723 | SRCC = 0.9460]
[Valid(teacher)][20][UTT][GML = 0.233658 | AML = 0.385226 | MoV = 0.330559 | VoV = 0.001350] [SYS][GML = 0.000000 | AML = 0.000069 | MoV = 0.003754 | VoV = 0.000007]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=0.01708446815609932
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.58 step/s]

[Valid(teacher)][21][UTT][MSE = 0.7528 | LCC = 0.6052 | SRCC = 0.5805 | [SYS][MSE = 0.3502 | LCC = 0.9697 | SRCC = 0.9494]
[Valid(teacher)][21][UTT][GML = 0.216954 | AML = 0.378475 | MoV = 0.323652 | VoV = 0.001199] [SYS][GML = 0.000000 | AML = 0.000014 | MoV = 0.003680 | VoV = 0.000007]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=0.006291469559073448
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.30 step/s]

[Valid(teacher)][22][UTT][MSE = 0.7830 | LCC = 0.5900 | SRCC = 0.5732 | [SYS][MSE = 0.3817 | LCC = 0.9673 | SRCC = 0.9453]
[Valid(teacher)][22][UTT][GML = 0.204839 | AML = 0.373854 | MoV = 0.318419 | VoV = 0.001044] [SYS][GML = 0.000000 | AML = 0.000002 | MoV = 0.003620 | VoV = 0.000007]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=0.010929896496236324
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.95 step/s]

[Valid(teacher)][23][UTT][MSE = 0.8276 | LCC = 0.5971 | SRCC = 0.5739 | [SYS][MSE = 0.4225 | LCC = 0.9683 | SRCC = 0.9460]
[Valid(teacher)][23][UTT][GML = 0.187285 | AML = 0.366075 | MoV = 0.310709 | VoV = 0.000999] [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003529 | VoV = 0.000006]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.02567772939001216
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.16 step/s]

[Valid(teacher)][24][UTT][MSE = 0.8239 | LCC = 0.6029 | SRCC = 0.5806 | [SYS][MSE = 0.4220 | LCC = 0.9707 | SRCC = 0.9542]
[Valid(teacher)][24][UTT][GML = 0.186110 | AML = 0.366817 | MoV = 0.306047 | VoV = 0.001056] [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003477 | VoV = 0.000006]
Train: 100% 845/845 [03:24<00:00, 4.12 step/s]
Average loss=-0.03705267980694771
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.41 step/s]

[Valid(teacher)][25][UTT][MSE = 0.8169 | LCC = 0.6050 | SRCC = 0.5816 | [SYS][MSE = 0.4150 | LCC = 0.9721 | SRCC = 0.9528]
[Valid(teacher)][25][UTT][GML = 0.185301 | AML = 0.368162 | MoV = 0.301376 | VoV = 0.001126] [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003425 | VoV = 0.000006]
Train: 100% 845/845 [03:24<00:00, 4.12 step/s]
Average loss=-0.05160237103700638
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.09 step/s]

[Valid(teacher)][26][UTT][MSE = 0.7312 | LCC = 0.6177 | SRCC = 0.5947 | [SYS][MSE = 0.3172 | LCC = 0.9757 | SRCC = 0.9508]
[Valid(teacher)][26][UTT][GML = 0.211984 | AML = 0.387192 | MoV = 0.298254 | VoV = 0.001251] [SYS][GML = 0.000000 | AML = 0.000005 | MoV = 0.003380 | VoV = 0.000006]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.0602935105562101
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.48 step/s]

[Valid(teacher)][27][UTT][MSE = 0.7169 | LCC = 0.6195 | SRCC = 0.5972 | [SYS][MSE = 0.3016 | LCC = 0.9755 | SRCC = 0.9508]
[Valid(teacher)][27][UTT][GML = 0.215120 | AML = 0.391389 | MoV = 0.294558 | VoV = 0.001307] [SYS][GML = 0.000000 | AML = 0.000014 | MoV = 0.003339 | VoV = 0.000006]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.06976363807916641
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.56 step/s]

[Valid(teacher)][28][UTT][MSE = 0.7373 | LCC = 0.6139 | SRCC = 0.5918 | [SYS][MSE = 0.3192 | LCC = 0.9734 | SRCC = 0.9549]
[Valid(teacher)][28][UTT][GML = 0.205938 | AML = 0.387542 | MoV = 0.291680 | VoV = 0.001235] [SYS][GML = 0.000000 | AML = 0.000004 | MoV = 0.003307 | VoV = 0.000006]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.0841018334031105
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.49 step/s]

[Valid(teacher)][29][UTT][MSE = 0.6977 | LCC = 0.6194 | SRCC = 0.5956 | [SYS][MSE = 0.2881 | LCC = 0.9746 | SRCC = 0.9508]
[Valid(teacher)][29][UTT][GML = 0.220535 | AML = 0.395957 | MoV = 0.290225 | VoV = 0.001087] [SYS][GML = 0.000000 | AML = 0.000042 | MoV = 0.003284 | VoV = 0.000005]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.0944826909590149
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.83 step/s]

[Valid(teacher)][30][UTT][MSE = 0.7467 | LCC = 0.6206 | SRCC = 0.5997 | [SYS][MSE = 0.3435 | LCC = 0.9751 | SRCC = 0.9474]
[Valid(teacher)][30][UTT][GML = 0.200052 | AML = 0.385257 | MoV = 0.284917 | VoV = 0.001084] [SYS][GML = 0.000000 | AML = 0.000006 | MoV = 0.003228 | VoV = 0.000005]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.10597443590627441
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.18 step/s]

[Valid(teacher)][31][UTT][MSE = 0.7201 | LCC = 0.6237 | SRCC = 0.6014 | [SYS][MSE = 0.3203 | LCC = 0.9760 | SRCC = 0.9515]
[Valid(teacher)][31][UTT][GML = 0.210275 | AML = 0.390750 | MoV = 0.285000 | VoV = 0.001098] [SYS][GML = 0.000000 | AML = 0.000092 | MoV = 0.003224 | VoV = 0.000005]
Train: 100% 845/845 [03:23<00:00, 4.14 step/s]
Average loss=-0.1098625734484329
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.71 step/s]

[Valid(teacher)][32][UTT][MSE = 0.7968 | LCC = 0.6192 | SRCC = 0.6005 | [SYS][MSE = 0.3894 | LCC = 0.9766 | SRCC = 0.9549]
[Valid(teacher)][32][UTT][GML = 0.178909 | AML = 0.374493 | MoV = 0.276960 | VoV = 0.001063] [SYS][GML = 0.000000 | AML = 0.000002 | MoV = 0.003136 | VoV = 0.000005]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.12531661987304688
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.66 step/s]

[Valid(teacher)][33][UTT][MSE = 0.8185 | LCC = 0.6199 | SRCC = 0.6015 | [SYS][MSE = 0.4142 | LCC = 0.9772 | SRCC = 0.9569]
[Valid(teacher)][33][UTT][GML = 0.170854 | AML = 0.369431 | MoV = 0.274096 | VoV = 0.001078] [SYS][GML = 0.000000 | AML = 0.000002 | MoV = 0.003111 | VoV = 0.000005]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.13371887803077698
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.27 step/s]

[Valid(teacher)][34][UTT][MSE = 0.7741 | LCC = 0.6223 | SRCC = 0.6053 | [SYS][MSE = 0.3705 | LCC = 0.9781 | SRCC = 0.9638]
[Valid(teacher)][34][UTT][GML = 0.186085 | AML = 0.378899 | MoV = 0.274883 | VoV = 0.001002] [SYS][GML = 0.000000 | AML = 0.000178 | MoV = 0.003115 | VoV = 0.000005]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=-0.14391298592090607
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.63 step/s]

[Valid(teacher)][35][UTT][MSE = 0.7302 | LCC = 0.6261 | SRCC = 0.6077 | [SYS][MSE = 0.3317 | LCC = 0.9795 | SRCC = 0.9665]
[Valid(teacher)][35][UTT][GML = 0.202130 | AML = 0.389176 | MoV = 0.275184 | VoV = 0.001012] [SYS][GML = 0.000000 | AML = 0.001781 | MoV = 0.003111 | VoV = 0.000005]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.1573328971862793
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.39 step/s]

[Valid(teacher)][36][UTT][MSE = 0.7468 | LCC = 0.6261 | SRCC = 0.6072 | [SYS][MSE = 0.3547 | LCC = 0.9785 | SRCC = 0.9644]
[Valid(teacher)][36][UTT][GML = 0.196214 | AML = 0.385068 | MoV = 0.274648 | VoV = 0.000913] [SYS][GML = 0.000000 | AML = 0.000711 | MoV = 0.003098 | VoV = 0.000005]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.1688196361064911
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.81 step/s]

[Valid(teacher)][37][UTT][MSE = 0.8587 | LCC = 0.6175 | SRCC = 0.6033 | [SYS][MSE = 0.4722 | LCC = 0.9771 | SRCC = 0.9665]
[Valid(teacher)][37][UTT][GML = 0.157542 | AML = 0.360560 | MoV = 0.269458 | VoV = 0.000919] [SYS][GML = 0.000000 | AML = 0.000016 | MoV = 0.003046 | VoV = 0.000005]
Train: 100% 845/845 [03:24<00:00, 4.12 step/s]
Average loss=-0.17768354713916779
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.94 step/s]

[Valid(teacher)][38][UTT][MSE = 0.8240 | LCC = 0.6177 | SRCC = 0.6016 | [SYS][MSE = 0.4336 | LCC = 0.9773 | SRCC = 0.9638]
[Valid(teacher)][38][UTT][GML = 0.168437 | AML = 0.368054 | MoV = 0.270082 | VoV = 0.000928] [SYS][GML = 0.000000 | AML = 0.000228 | MoV = 0.003048 | VoV = 0.000005]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.18700215220451355
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.63 step/s]

[Valid(teacher)][39][UTT][MSE = 0.8586 | LCC = 0.6136 | SRCC = 0.5986 | [SYS][MSE = 0.4649 | LCC = 0.9785 | SRCC = 0.9631]
[Valid(teacher)][39][UTT][GML = 0.155608 | AML = 0.361173 | MoV = 0.266687 | VoV = 0.000965] [SYS][GML = 0.000000 | AML = 0.000035 | MoV = 0.003015 | VoV = 0.000004]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.20184274017810822
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.56 step/s]

[Valid(teacher)][40][UTT][MSE = 0.7990 | LCC = 0.6202 | SRCC = 0.6025 | [SYS][MSE = 0.4000 | LCC = 0.9808 | SRCC = 0.9638]
[Valid(teacher)][40][UTT][GML = 0.173377 | AML = 0.374526 | MoV = 0.266015 | VoV = 0.001000] [SYS][GML = 0.000000 | AML = 0.000053 | MoV = 0.002998 | VoV = 0.000004]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.20012828838825226
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.02 step/s]

[Valid(teacher)][41][UTT][MSE = 0.7460 | LCC = 0.6236 | SRCC = 0.6040 | [SYS][MSE = 0.3365 | LCC = 0.9818 | SRCC = 0.9644]
[Valid(teacher)][41][UTT][GML = 0.191978 | AML = 0.387274 | MoV = 0.266917 | VoV = 0.001086] [SYS][GML = 0.000000 | AML = 0.000094 | MoV = 0.003001 | VoV = 0.000004]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.22389307618141174
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.78 step/s]

[Valid(teacher)][42][UTT][MSE = 0.7317 | LCC = 0.6265 | SRCC = 0.6052 | [SYS][MSE = 0.3204 | LCC = 0.9828 | SRCC = 0.9685]
[Valid(teacher)][42][UTT][GML = 0.197789 | AML = 0.391724 | MoV = 0.267657 | VoV = 0.001065] [SYS][GML = 0.000000 | AML = 0.000036 | MoV = 0.003000 | VoV = 0.000004]
Train: 100% 845/845 [03:24<00:00, 4.12 step/s]
Average loss=-0.23515965044498444
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.79 step/s]

[Valid(teacher)][43][UTT][MSE = 0.7955 | LCC = 0.6195 | SRCC = 0.6017 | [SYS][MSE = 0.3824 | LCC = 0.9834 | SRCC = 0.9651]
[Valid(teacher)][43][UTT][GML = 0.171983 | AML = 0.377499 | MoV = 0.262259 | VoV = 0.001063] [SYS][GML = 0.000000 | AML = 0.000014 | MoV = 0.002958 | VoV = 0.000004]

```
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.23969171941280365
Valid(teacher): 100% 3000/3000 [00:16<00:00, 185.88 step/s]

[Valid(teacher)][44][UTT][ MSE = 0.7151 | LCC = 0.6247 | SRCC = 0.6044 | [SYS][ MSE = 0.2978 | LCC = 0.9844 | SRCC = 0.9658 ]
[Valid(teacher)][44][UTT][ GML = 0.199099 | AML = 0.396438 | MoV = 0.260803 | VoV = 0.001060 | [SYS][ GML = 0.000000 | AML = 0.001022 | MoV = 0.002942 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.252681675730896
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.97 step/s]

[Valid(teacher)][45][UTT][ MSE = 0.6674 | LCC = 0.6294 | SRCC = 0.6056 | [SYS][ MSE = 0.2489 | LCC = 0.9859 | SRCC = 0.9679 ]
[Valid(teacher)][45][UTT][ GML = 0.216890 | AML = 0.408703 | MoV = 0.259717 | VoV = 0.001109 | [SYS][ GML = 0.000000 | AML = 0.006162 | MoV = 0.002925 | VoV = 0.000004 ]
Train: 100% 845/845 [03:23<00:00, 4.14 step/s]
Average loss=-0.26508814096450806
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.38 step/s]

[Valid(teacher)][46][UTT][ MSE = 0.6074 | LCC = 0.6330 | SRCC = 0.6056 | [SYS][ MSE = 0.1851 | LCC = 0.9855 | SRCC = 0.9624 ]
[Valid(teacher)][46][UTT][ GML = 0.243203 | AML = 0.424631 | MoV = 0.259329 | VoV = 0.001025 | [SYS][ GML = 0.000000 | AML = 0.022872 | MoV = 0.002901 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.27075445652008057
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.28 step/s]

[Valid(teacher)][47][UTT][ MSE = 0.6074 | LCC = 0.6331 | SRCC = 0.6059 | [SYS][ MSE = 0.1861 | LCC = 0.9860 | SRCC = 0.9610 ]
[Valid(teacher)][47][UTT][ GML = 0.241280 | AML = 0.425134 | MoV = 0.256704 | VoV = 0.001068 | [SYS][ GML = 0.000000 | AML = 0.026581 | MoV = 0.002877 | VoV = 0.000004 ]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.2779850661754608
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.37 step/s]

[Valid(teacher)][48][UTT][ MSE = 0.5795 | LCC = 0.6350 | SRCC = 0.6066 | [SYS][ MSE = 0.1576 | LCC = 0.9852 | SRCC = 0.9610 ]
[Valid(teacher)][48][UTT][ GML = 0.255627 | AML = 0.431966 | MoV = 0.257871 | VoV = 0.001095 | [SYS][ GML = 0.000000 | AML = 0.073577 | MoV = 0.002882 | VoV = 0.000004 ]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.2857888340950012
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.91 step/s]

[Valid(teacher)][49][UTT][ MSE = 0.6080 | LCC = 0.6329 | SRCC = 0.6044 | [SYS][ MSE = 0.1874 | LCC = 0.9857 | SRCC = 0.9562 ]
[Valid(teacher)][49][UTT][ GML = 0.240498 | AML = 0.424088 | MoV = 0.256116 | VoV = 0.001092 | [SYS][ GML = 0.000000 | AML = 0.034621 | MoV = 0.002869 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.29879432916641235
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.20 step/s]

[Valid(teacher)][50][UTT][ MSE = 0.6181 | LCC = 0.6326 | SRCC = 0.6041 | [SYS][ MSE = 0.1978 | LCC = 0.9864 | SRCC = 0.9603 ]
[Valid(teacher)][50][UTT][ GML = 0.234785 | AML = 0.421991 | MoV = 0.254536 | VoV = 0.001121 | [SYS][ GML = 0.000000 | AML = 0.026454 | MoV = 0.002850 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.30509135127067566
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.18 step/s]

[Valid(teacher)][51][UTT][ MSE = 0.6102 | LCC = 0.6337 | SRCC = 0.6060 | [SYS][ MSE = 0.1883 | LCC = 0.9864 | SRCC = 0.9651 ]
[Valid(teacher)][51][UTT][ GML = 0.237021 | AML = 0.424721 | MoV = 0.252128 | VoV = 0.001058 | [SYS][ GML = 0.000000 | AML = 0.053140 | MoV = 0.002827 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.3052282929420471
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.41 step/s]

[Valid(teacher)][52][UTT][ MSE = 0.6187 | LCC = 0.6302 | SRCC = 0.6029 | [SYS][ MSE = 0.1926 | LCC = 0.9850 | SRCC = 0.9521 ]
[Valid(teacher)][52][UTT][ GML = 0.230377 | AML = 0.424005 | MoV = 0.250472 | VoV = 0.001132 | [SYS][ GML = 0.000000 | AML = 0.015469 | MoV = 0.002817 | VoV = 0.000004 ]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.32068079710006714
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.65 step/s]

[Valid(teacher)][53][UTT][ MSE = 0.6120 | LCC = 0.6322 | SRCC = 0.6045 | [SYS][ MSE = 0.1924 | LCC = 0.9869 | SRCC = 0.9638 ]
[Valid(teacher)][53][UTT][ GML = 0.233676 | AML = 0.425223 | MoV = 0.249168 | VoV = 0.000983 | [SYS][ GML = 0.000000 | AML = 0.074798 | MoV = 0.002796 | VoV = 0.000004 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.3225708603858948
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.55 step/s]

[Valid(teacher)][54][UTT][ MSE = 0.5833 | LCC = 0.6344 | SRCC = 0.6057 | [SYS][ MSE = 0.1584 | LCC = 0.9872 | SRCC = 0.9603 ]
[Valid(teacher)][54][UTT][ GML = 0.247345 | AML = 0.433922 | MoV = 0.249007 | VoV = 0.001033 | [SYS][ GML = 0.000000 | AML = 0.162722 | MoV = 0.002785 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.34212523698080676
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.28 step/s]

[Valid(teacher)][55][UTT][ MSE = 0.5998 | LCC = 0.6330 | SRCC = 0.6037 | [SYS][ MSE = 0.1683 | LCC = 0.9868 | SRCC = 0.9535 ]
[Valid(teacher)][55][UTT][ GML = 0.233278 | AML = 0.431731 | MoV = 0.242316 | VoV = 0.001135 | [SYS][ GML = 0.000000 | AML = 0.041656 | MoV = 0.002719 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.3479522466659546
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.05 step/s]

[Valid(teacher)][56][UTT][ MSE = 0.5665 | LCC = 0.6360 | SRCC = 0.6050 | [SYS][ MSE = 0.1374 | LCC = 0.9855 | SRCC = 0.9432 ]
[Valid(teacher)][56][UTT][ GML = 0.247315 | AML = 0.441732 | MoV = 0.238905 | VoV = 0.001144 | [SYS][ GML = 0.000000 | AML = 0.145346 | MoV = 0.002678 | VoV = 0.000003 ]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.35788002610206604
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.29 step/s]

[Valid(teacher)][57][UTT][ MSE = 0.5647 | LCC = 0.6358 | SRCC = 0.6043 | [SYS][ MSE = 0.1379 | LCC = 0.9835 | SRCC = 0.9446 ]
[Valid(teacher)][57][UTT][ GML = 0.245212 | AML = 0.443413 | MoV = 0.235386 | VoV = 0.001149 | [SYS][ GML = 0.000000 | AML = 0.184819 | MoV = 0.002639 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00, 4.12 step/s]
Average loss=-0.3639361262321472
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.54 step/s]

[Valid(teacher)][58][UTT][ MSE = 0.5806 | LCC = 0.6342 | SRCC = 0.6029 | [SYS][ MSE = 0.1522 | LCC = 0.9840 | SRCC = 0.9453 ]
[Valid(teacher)][58][UTT][ GML = 0.234949 | AML = 0.439775 | MoV = 0.233110 | VoV = 0.001150 | [SYS][ GML = 0.000000 | AML = 0.126732 | MoV = 0.002621 | VoV = 0.000003 ]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.3681233823299408
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.58 step/s]

[Valid(teacher)][59][UTT][ MSE = 0.5919 | LCC = 0.6302 | SRCC = 0.5993 | [SYS][ MSE = 0.1643 | LCC = 0.9833 | SRCC = 0.9419 ]
[Valid(teacher)][59][UTT][ GML = 0.228395 | AML = 0.436130 | MoV = 0.232513 | VoV = 0.001141 | [SYS][ GML = 0.000000 | AML = 0.098464 | MoV = 0.002619 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.38214948773384094
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.89 step/s]

[Valid(teacher)][60][UTT][ MSE = 0.5720 | LCC = 0.6325 | SRCC = 0.6018 | [SYS][ MSE = 0.1455 | LCC = 0.9833 | SRCC = 0.9453 ]
[Valid(teacher)][60][UTT][ GML = 0.236043 | AML = 0.442243 | MoV = 0.229441 | VoV = 0.001076 | [SYS][ GML = 0.000000 | AML = 0.170663 | MoV = 0.002577 | VoV = 0.000003 ]
Best model performance test:
Test(best): 0% 0/4000 [00:00<, ? step/s]/home/x_xlian/.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, 193.27 step/s]

[Test(best)][61][UTT][ MSE = 0.5691 | LCC = 0.6362 | SRCC = 0.6042 | [SYS][ MSE = 0.1413 | LCC = 0.9807 | SRCC = 0.9631 ]
[Test(best)][61][UTT][ GML = 0.242921 | AML = 0.444103 | MoV = 0.238994 | VoV = 0.001169 | [SYS][ GML = 0.000000 | AML = 0.478267 | MoV = 0.001978 | VoV = 0.000002 ]
Test(last): 100% 4000/4000 [00:20<00:00, 199.06 step/s]

[Test(last)][61][UTT][ MSE = 0.5712 | LCC = 0.6350 | SRCC = 0.6034 | [SYS][ MSE = 0.1473 | LCC = 0.9787 | SRCC = 0.9528 ]
[Test(last)][61][UTT][ GML = 0.234068 | AML = 0.445769 | MoV = 0.229617 | VoV = 0.001085 | [SYS][ GML = 0.000000 | AML = 0.541845 | MoV = 0.001903 | VoV = 0.000002 ]
(lyxgpu) [x_xliangnode028 ProMOSNet]$
```