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xlygyp) [x_xlian@node024 PRO_MOSNet]$ python train.py --lamb_c=1 --lamb_t=0.25 --save_path "runs/cit-t2se-2/run3"
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Loading all wav files.  
100% |██████████████████████████████████████████████████████████████████████████| 54040/54040 [08:05<00:00, 111.32it/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'][i] = self.idtable[judge_i]  
Loading all wav files.  
100% |██████████████████████████████████████████████████████████████████████████| 3000/3000 [01:47<00:00, 27.90it/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'][i] = self.idtable[judge_i]  
Loading all wav files.  
100% |██████████████████████████████████████████████████████████████████████████| 4000/4000 [02:26<00:00, 27.38it/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'][i] = self.idtable[judge_i]  
Train: 100% 845/845 [03:27<00:00, 4.06 step/s]  
Average loss=24500.369140625  
Valid(teacher): 100% 3000/3000 [00:16<00:00, 179.24 step/s]  
  
[Valid(teacher)][0][UTT] MSE = 2.6863 | LCC = 0.4936 | SRCC = 0.4722 | [SYS] MSE = 2.5232 | LCC = 0.8380 | SRCC = 0.8291 ]  
[Valid(teacher)][0][UTL] GML = 0.051281 | AML = 0.158245 | MoV = 0.588480 | VoV = 0.016408 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.006953 | VoV = 0.000040 ]  
Train: 100% 845/845 [03:22<00:00, 4.17 step/s]  
Average loss=0.4740842580795288  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.89 step/s]  
  
[Valid(teacher)][1][UTT] MSE = 1.0530 | LCC = 0.5664 | SRCC = 0.5318 | [SYS] MSE = 0.6700 | LCC = 0.9044 | SRCC = 0.8721 ]  
[Valid(teacher)][1][UTL] GML = 0.175410 | AML = 0.305051 | MoV = 0.490190 | VoV = 0.014520 | [SYS] GML = 0.000000 | AML = 0.043031 | MoV = 0.005977 | VoV = 0.000034 ]  
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]  
Average loss=0.3926839530467987  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.40 step/s]  
  
[Valid(teacher)][2][UTT] MSE = 1.1629 | LCC = 0.5963 | SRCC = 0.5513 | [SYS] MSE = 0.7530 | LCC = 0.9347 | SRCC = 0.8557 ]  
[Valid(teacher)][2][UTL] GML = 0.121977 | AML = 0.291136 | MoV = 0.413252 | VoV = 0.011272 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004983 | VoV = 0.000022 ]  
Train: 100% 845/845 [03:23<00:00, 4.14 step/s]  
Average loss=0.3572779893875122  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.46 step/s]  
  
[Valid(teacher)][3][UTT] MSE = 1.5170 | LCC = 0.6082 | SRCC = 0.5612 | [SYS] MSE = 1.1212 | LCC = 0.9481 | SRCC = 0.8803 ]  
[Valid(teacher)][3][UTL] GML = 0.065190 | AML = 0.238768 | MoV = 0.379856 | VoV = 0.010293 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004599 | VoV = 0.000019 ]  
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]  
Average loss=0.33011865615644727  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.25 step/s]  
  
[Valid(teacher)][4][UTT] MSE = 1.6494 | LCC = 0.6132 | SRCC = 0.5684 | [SYS] MSE = 1.2646 | LCC = 0.9592 | SRCC = 0.8981 ]  
[Valid(teacher)][4][UTL] GML = 0.051836 | AML = 0.221004 | MoV = 0.355098 | VoV = 0.007958 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004305 | VoV = 0.000017 ]  
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]  
Average loss=0.3104373514652252  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.39 step/s]  
  
[Valid(teacher)][5][UTT] MSE = 1.5099 | LCC = 0.6155 | SRCC = 0.5710 | [SYS] MSE = 1.1187 | LCC = 0.9616 | SRCC = 0.9056 ]  
[Valid(teacher)][5][UTL] GML = 0.070000 | AML = 0.241118 | MoV = 0.364504 | VoV = 0.007382 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004397 | VoV = 0.000017 ]  
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]  
Average loss=0.292671799659729  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.78 step/s]  
  
[Valid(teacher)][6][UTT] MSE = 1.5422 | LCC = 0.6147 | SRCC = 0.5711 | [SYS] MSE = 1.1541 | LCC = 0.9624 | SRCC = 0.9063 ]  
[Valid(teacher)][6][UTL] GML = 0.067439 | AML = 0.237231 | MoV = 0.361498 | VoV = 0.006923 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004368 | VoV = 0.000016 ]  
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]  
Average loss=0.28081804513931274  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.20 step/s]  
  
[Valid(teacher)][7][UTT] MSE = 1.5013 | LCC = 0.6135 | SRCC = 0.5717 | [SYS] MSE = 1.1080 | LCC = 0.9639 | SRCC = 0.9104 ]  
[Valid(teacher)][7][UTL] GML = 0.073845 | AML = 0.244470 | MoV = 0.361547 | VoV = 0.006298 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004362 | VoV = 0.000016 ]  
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]  
Average loss=0.26573672890663147  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.03 step/s]  
  
[Valid(teacher)][8][UTT] MSE = 1.4342 | LCC = 0.6110 | SRCC = 0.5699 | [SYS] MSE = 1.0295 | LCC = 0.9655 | SRCC = 0.9132 ]  
[Valid(teacher)][8][UTL] GML = 0.082234 | AML = 0.255024 | MoV = 0.362447 | VoV = 0.005962 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004356 | VoV = 0.000015 ]  
Train: 100% 845/845 [03:24<00:00, 4.15 step/s]  
Average loss=0.24972748756408691  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.50 step/s]  
  
[Valid(teacher)][9][UTT] MSE = 1.3257 | LCC = 0.6105 | SRCC = 0.5712 | [SYS] MSE = 0.9131 | LCC = 0.9668 | SRCC = 0.9077 ]  
[Valid(teacher)][9][UTL] GML = 0.089577 | AML = 0.272166 | MoV = 0.364832 | VoV = 0.005348 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004352 | VoV = 0.000014 ]  
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]  
Average loss=0.2375387474235535  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 188.40 step/s]  
  
[Valid(teacher)][10][UTT] MSE = 1.0689 | LCC = 0.6151 | SRCC = 0.5775 | [SYS] MSE = 0.6388 | LCC = 0.9700 | SRCC = 0.9084 ]  
[Valid(teacher)][10][UTL] GML = 0.150757 | AML = 0.313909 | MoV = 0.379003 | VoV = 0.004302 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004441 | VoV = 0.000013 ]  
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]  
Average loss=0.225458339691162  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.12 step/s]  

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Average loss=0.10677324354393
Valid(teacher): 100% 3000/3000 [00:17<00:00, 173.11 step/s]

[Valid(teacher)][20][UTT][MSE = 0.9339 | LCC = 0.6030 | SRCC = 0.5690 | [SYS][MSE = 0.4840 | LCC = 0.9720 | SRCC = 0.8892]
[Valid(teacher)][20][UTT][GML = 0.158671 | AML = 0.344000 | MoV = 0.323889 | VoV = 0.002698 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003729 | VoV = 0.000008]
Train: 100% 845/845 [04:15<00:00, 3.31 step/s]
Average loss=0.10007160902823315
Valid(teacher): 100% 3000/3000 [00:16<00:00, 185.27 step/s]

[Valid(teacher)][21][UTT][MSE = 0.8491 | LCC = 0.6070 | SRCC = 0.5724 | [SYS][MSE = 0.3921 | LCC = 0.9732 | SRCC = 0.9009]
[Valid(teacher)][21][UTT][GML = 0.181799 | AML = 0.360100 | MoV = 0.324422 | VoV = 0.002552 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003710 | VoV = 0.000008]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=0.0906180590391159
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.82 step/s]

[Valid(teacher)][22][UTT][MSE = 0.9053 | LCC = 0.6024 | SRCC = 0.5690 | [SYS][MSE = 0.4546 | LCC = 0.9729 | SRCC = 0.8988]
[Valid(teacher)][22][UTT][GML = 0.162713 | AML = 0.350371 | MoV = 0.317125 | VoV = 0.002477 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003645 | VoV = 0.000008]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=0.0803119406223297
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.95 step/s]

[Valid(teacher)][23][UTT][MSE = 0.8426 | LCC = 0.6054 | SRCC = 0.5710 | [SYS][MSE = 0.3844 | LCC = 0.9737 | SRCC = 0.8988]
[Valid(teacher)][23][UTT][GML = 0.180215 | AML = 0.362802 | MoV = 0.317421 | VoV = 0.002323 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003626 | VoV = 0.000007]
Train: 100% 845/845 [03:17<00:00, 4.13 step/s]
Average loss=0.0725016072324637
Valid(teacher): 100% 3000/3000 [00:16<00:00, 187.49 step/s]

[Valid(teacher)][24][UTT][MSE = 0.8005 | LCC = 0.6056 | SRCC = 0.5710 | [SYS][MSE = 0.3460 | LCC = 0.9743 | SRCC = 0.9077]
[Valid(teacher)][24][UTT][GML = 0.188434 | AML = 0.369667 | MoV = 0.314653 | VoV = 0.002369 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003585 | VoV = 0.000007]
Train: 100% 845/845 [04:51<00:00, 2.90 step/s]
Average loss=0.06082654371857643
Valid(teacher): 100% 3000/3000 [00:22<00:00, 130.98 step/s]

[Valid(teacher)][25][UTT][MSE = 0.7614 | LCC = 0.6078 | SRCC = 0.5727 | [SYS][MSE = 0.2925 | LCC = 0.9758 | SRCC = 0.9097]
[Valid(teacher)][25][UTT][GML = 0.202288 | AML = 0.379914 | MoV = 0.312862 | VoV = 0.002339 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003542 | VoV = 0.000006]
Train: 100% 845/845 [09:26<00:00, 1.49 step/s]
Average loss=0.04840793831365585
Valid(teacher): 100% 3000/3000 [00:16<00:00, 186.19 step/s]

[Valid(teacher)][26][UTT][MSE = 0.7628 | LCC = 0.6069 | SRCC = 0.5724 | [SYS][MSE = 0.2903 | LCC = 0.9758 | SRCC = 0.9097]
[Valid(teacher)][26][UTT][GML = 0.199232 | AML = 0.308333 | MoV = 0.308253 | VoV = 0.002287 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003485 | VoV = 0.000006]
Train: 100% 845/845 [03:17<00:00, 1.52 step/s]
Average loss=0.03588467463850975
Valid(teacher): 100% 3000/3000 [00:26<00:00, 114.64 step/s]

[Valid(teacher)][27][UTT][MSE = 0.7289 | LCC = 0.6120 | SRCC = 0.5775 | [SYS][MSE = 0.2546 | LCC = 0.9761 | SRCC = 0.9050]
[Valid(teacher)][27][UTT][GML = 0.207167 | AML = 0.388540 | MoV = 0.302820 | VoV = 0.002362 | [SYS][GML = 0.000000 | AML = 0.000001 | MoV = 0.003412 | VoV = 0.000006]
Train: 100% 845/845 [05:49<00:00, 2.41 step/s]
Average loss=0.02895769663155079
Valid(teacher): 100% 3000/3000 [00:19<00:00, 157.38 step/s]

[Valid(teacher)][28][UTT][MSE = 0.6754 | LCC = 0.6184 | SRCC = 0.5828 | [SYS][MSE = 0.2028 | LCC = 0.9778 | SRCC = 0.9063]
[Valid(teacher)][28][UTT][GML = 0.226083 | AML = 0.399851 | MoV = 0.300788 | VoV = 0.002453 | [SYS][GML = 0.000000 | AML = 0.000101 | MoV = 0.003373 | VoV = 0.000005]
Train: 100% 845/845 [04:02<00:00, 3.48 step/s]
Average loss=0.015264029614627361
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.70 step/s]

[Valid(teacher)][29][UTT][MSE = 0.6866 | LCC = 0.6182 | SRCC = 0.5823 | [SYS][MSE = 0.2114 | LCC = 0.9790 | SRCC = 0.9159]
[Valid(teacher)][29][UTT][GML = 0.218697 | AML = 0.398461 | MoV = 0.296294 | VoV = 0.002462 | [SYS][GML = 0.000000 | AML = 0.000016 | MoV = 0.003318 | VoV = 0.000005]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=0.004754424095153809
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.30 step/s]

[Valid(teacher)][30][UTT][MSE = 0.7177 | LCC = 0.6161 | SRCC = 0.5805 | [SYS][MSE = 0.2426 | LCC = 0.9788 | SRCC = 0.9152]
[Valid(teacher)][30][UTT][GML = 0.202672 | AML = 0.393057 | MoV = 0.290167 | VoV = 0.002462 | [SYS][GML = 0.000000 | AML = 0.000002 | MoV = 0.003263 | VoV = 0.000005]
Train: 100% 845/845 [04:24<00:00, 3.19 step/s]
Average loss=0.006353146877467632
Valid(teacher): 100% 3000/3000 [00:19<00:00, 154.69 step/s]

[Valid(teacher)][31][UTT][MSE = 0.7291 | LCC = 0.6136 | SRCC = 0.5782 | [SYS][MSE = 0.2541 | LCC = 0.9773 | SRCC = 0.9029]
[Valid(teacher)][31][UTT][GML = 0.195729 | AML = 0.391546 | MoV = 0.284815 | VoV = 0.002313 | [SYS][GML = 0.000000 | AML = 0.000000 | MoV = 0.003205 | VoV = 0.000005]
Train: 100% 845/845 [03:36<00:00, 3.89 step/s]
Average loss=-0.01678057387471199
Valid(teacher): 100% 3000/3000 [00:15<00:00, 187.76 step/s]

[Valid(teacher)][32][UTT][MSE = 0.6832 | LCC = 0.6161 | SRCC = 0.5802 | [SYS][MSE = 0.2043 | LCC = 0.9778 | SRCC = 0.9029]
[Valid(teacher)][32][UTT][GML = 0.211424 | AML = 0.402285 | MoV = 0.281882 | VoV = 0.002284 | [SYS][GML = 0.000000 | AML = 0.000021 | MoV = 0.003160 | VoV = 0.000005]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=-0.02302035316824913
Valid(teacher): 100% 3000/3000 [00:15<00:00, 190.47 step/s]

[Valid(teacher)][33][UTT][MSE = 0.6685 | LCC = 0.6132 | SRCC = 0.5771 | [SYS][MSE = 0.1851 | LCC = 0.9757 | SRCC = 0.8913]
[Valid(teacher)][33][UTT][GML = 0.214486 | AML = 0.406458 | MoV = 0.277277 | VoV = 0.002196 | [SYS][GML = 0.000000 | AML = 0.000062 | MoV = 0.003102 | VoV = 0.000005]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=0.02962899531269073
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.09 step/s]

[Valid(teacher)][34][UTT][MSE = 0.6503 | LCC = 0.6166 | SRCC = 0.5794 | [SYS][MSE = 0.1687 | LCC = 0.9780 | SRCC = 0.9009]
[Valid(teacher)][34][UTT][GML = 0.221064 | AML = 0.410574 | MoV = 0.275936 | VoV = 0.002234 | [SYS][GML = 0.000000 | AML = 0.000245 | MoV = 0.003079 | VoV = 0.000004]
Train: 100% 845/845 [03:26<00:00, 4.09 step/s]
Average loss=-0.034633271396160126
Valid(teacher): 100% 3000/3000 [00:15<00:00, 187.88 step/s]

[Valid(teacher)][35][UTT][MSE = 0.6232 | LCC = 0.6175 | SRCC = 0.5798 | [SYS][MSE = 0.1376 | LCC = 0.9785 | SRCC = 0.9166]
[Valid(teacher)][35][UTT][GML = 0.231118 | AML = 0.417871 | MoV = 0.272536 | VoV = 0.002121 | [SYS][GML = 0.000000 | AML = 0.005925 | MoV = 0.003034 | VoV = 0.000004]
Train: 100% 845/845 [03:27<00:00, 4.07 step/s]
Average loss=-0.04958854988217354
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.01 step/s]

[Valid(teacher)][36][UTT][MSE = 0.6240 | LCC = 0.6194 | SRCC = 0.5824 | [SYS][MSE = 0.1418 | LCC = 0.9801 | SRCC = 0.9268]
[Valid(teacher)][36][UTT][GML = 0.228603 | AML = 0.417969 | MoV = 0.269611 | VoV = 0.002173 | [SYS][GML = 0.000000 | AML = 0.004157 | MoV = 0.003002 | VoV = 0.000004]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=0.06691346317529678
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.62 step/s]

[Valid(teacher)][37][UTT][MSE = 0.6056 | LCC = 0.6201 | SRCC = 0.5836 | [SYS][MSE = 0.1248 | LCC = 0.9800 | SRCC = 0.9214]
[Valid(teacher)][37][UTT][GML = 0.233218 | AML = 0.423426 | MoV = 0.264060 | VoV = 0.002148 | [SYS][GML = 0.000000 | AML = 0.028753 | MoV = 0.002935 | VoV = 0.000004]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.07080845928311348
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.33 step/s]

[Valid(teacher)][38][UTT][MSE = 0.5871 | LCC = 0.6200 | SRCC = 0.5825 | [SYS][MSE = 0.1047 | LCC = 0.9799 | SRCC = 0.9214]
[Valid(teacher)][38][UTT][GML = 0.239811 | AML = 0.428753 | MoV = 0.260145 | VoV = 0.002040 | [SYS][GML = 0.000000 | AML = 0.120993 | MoV = 0.002885 | VoV = 0.000004]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.08331061154603958
Valid(teacher): 100% 3000/3000 [00:15<00:00, 188.16 step/s]

[Valid(teacher)][39][UTT][MSE = 0.5636 | LCC = 0.6234 | SRCC = 0.5858 | [SYS][MSE = 0.0866 | LCC = 0.9804 | SRCC = 0.9221]
[Valid(teacher)][39][UTT][GML = 0.250510 | AML = 0.434794 | MoV = 0.257455 | VoV = 0.001950 | [SYS][GML = 0.000000 | AML = 0.377276 | MoV = 0.002848 | VoV = 0.000004]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=0.0888189747929573
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.94 step/s]

[Valid(teacher)][40][UTT][MSE = 0.5536 | LCC = 0.6255 | SRCC = 0.5877 | [SYS][MSE = 0.0804 | LCC = 0.9820 | SRCC = 0.9323]
[Valid(teacher)][40][UTT][GML = 0.255850 | AML = 0.437063 | MoV = 0.256322 | VoV = 0.001889 | [SYS][GML = 0.000000 | AML = 0.443148 | MoV = 0.002823 | VoV = 0.000003]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=-0.10184648633003235
Valid(teacher): 100% 3000/3000 [00:16<00:00, 182.71 step/s]

[Valid(teacher)][41][UTT][MSE = 0.5459 | LCC = 0.6219 | SRCC = 0.5845 | [SYS][MSE = 0.0669 | LCC = 0.9813 | SRCC = 0.9303]
[Valid(teacher)][41][UTT][GML = 0.257820 | AML = 0.440217 | MoV = 0.252676 | VoV = 0.001843 | [SYS][GML = 0.000004 | AML = 0.864724 | MoV = 0.002781 | VoV = 0.000003]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=-0.10951283574104309
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.53 step/s]

[Valid(teacher)][42][UTT][MSE = 0.5549 | LCC = 0.6183 | SRCC = 0.5812 | [SYS][MSE = 0.0724 | LCC = 0.9801 | SRCC = 0.9282]
[Valid(teacher)][42][UTT][GML = 0.248592 | AML = 0.439661 | MoV = 0.246673 | VoV = 0.001732 | [SYS][GML = 0.000001 | AML = 0.713270 | MoV = 0.002723 | VoV = 0.000003]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.12072064727544785
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.18 step/s]

[Valid(teacher)][43][UTT][MSE = 0.5573 | LCC = 0.6200 | SRCC = 0.5833 | [SYS][MSE = 0.0802 | LCC = 0.9808 | SRCC = 0.9282]
[Valid(teacher)][43][UTT][GML = 0.246228 | AML = 0.439145 | MoV = 0.244369 | VoV = 0.001635 | [SYS][GML = 0.000000 | AML = 0.583998 | MoV = 0.002699 | VoV = 0.000003]

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Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.12738637626171112
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.30 step/s]

[Valid(teacher)][44][UTT][ MSE = 0.5478 | LCC = 0.6219 | SRCC = 0.5842 | [SYS][ MSE = 0.0740 | LCC = 0.9816 | SRCC = 0.9344 ]
[Valid(teacher)][44][UTT][ GML = 0.251224 | AML = 0.441709 | MoV = 0.243518 | VoV = 0.001631 | [SYS][ GML = 0.000001 | AML = 0.658639 | MoV = 0.002684 | VoV = 0.000003 ]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=-0.13514601591262817
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.19 step/s]

[Valid(teacher)][45][UTT][ MSE = 0.5469 | LCC = 0.6235 | SRCC = 0.5854 | [SYS][ MSE = 0.0771 | LCC = 0.9817 | SRCC = 0.9344 ]
[Valid(teacher)][45][UTT][ GML = 0.246401 | AML = 0.443480 | MoV = 0.238187 | VoV = 0.001697 | [SYS][ GML = 0.000000 | AML = 0.555099 | MoV = 0.002633 | VoV = 0.000003 ]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.14156438410282135
Valid(teacher): 100% 3000/3000 [00:15<00:00, 190.67 step/s]

[Valid(teacher)][46][UTT][ MSE = 0.5692 | LCC = 0.6217 | SRCC = 0.5844 | [SYS][ MSE = 0.0995 | LCC = 0.9819 | SRCC = 0.9282 ]
[Valid(teacher)][46][UTT][ GML = 0.231565 | AML = 0.438041 | MoV = 0.235067 | VoV = 0.001632 | [SYS][ GML = 0.000000 | AML = 0.107022 | MoV = 0.002608 | VoV = 0.000003 ]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.1518283635377884
Valid(teacher): 100% 3000/3000 [00:16<00:00, 182.83 step/s]

[Valid(teacher)][47][UTT][ MSE = 0.5350 | LCC = 0.6276 | SRCC = 0.5893 | [SYS][ MSE = 0.0738 | LCC = 0.9837 | SRCC = 0.9453 ]
[Valid(teacher)][47][UTT][ GML = 0.252199 | AML = 0.446204 | MoV = 0.235421 | VoV = 0.001593 | [SYS][ GML = 0.000001 | AML = 0.630593 | MoV = 0.002601 | VoV = 0.000003 ]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=-0.15354596078395844
Valid(teacher): 100% 3000/3000 [00:15<00:00, 190.24 step/s]

[Valid(teacher)][48][UTT][ MSE = 0.5232 | LCC = 0.6283 | SRCC = 0.5894 | [SYS][ MSE = 0.0627 | LCC = 0.9840 | SRCC = 0.9467 ]
[Valid(teacher)][48][UTT][ GML = 0.258536 | AML = 0.450102 | MoV = 0.234321 | VoV = 0.001585 | [SYS][ GML = 0.000010 | AML = 1.005675 | MoV = 0.002589 | VoV = 0.000003 ]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.16814467318905457
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.14 step/s]

[Valid(teacher)][49][UTT][ MSE = 0.5179 | LCC = 0.6241 | SRCC = 0.5851 | [SYS][ MSE = 0.0523 | LCC = 0.9823 | SRCC = 0.9467 ]
[Valid(teacher)][49][UTT][ GML = 0.256508 | AML = 0.453234 | MoV = 0.227747 | VoV = 0.001479 | [SYS][ GML = 0.000093 | AML = 1.682437 | MoV = 0.002516 | VoV = 0.000003 ]
Train: 100% 845/845 [03:26<00:00, 4.10 step/s]
Average loss=-0.17497175931930542
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.90 step/s]

[Valid(teacher)][50][UTT][ MSE = 0.5267 | LCC = 0.6208 | SRCC = 0.5820 | [SYS][ MSE = 0.0584 | LCC = 0.9815 | SRCC = 0.9398 ]
[Valid(teacher)][50][UTT][ GML = 0.249303 | AML = 0.451801 | MoV = 0.225423 | VoV = 0.001432 | [SYS][ GML = 0.000018 | AML = 1.486181 | MoV = 0.002490 | VoV = 0.000003 ]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.182595653220749
Valid(teacher): 100% 3000/3000 [00:16<00:00, 185.25 step/s]

[Valid(teacher)][51][UTT][ MSE = 0.5133 | LCC = 0.6242 | SRCC = 0.5856 | [SYS][ MSE = 0.0493 | LCC = 0.9829 | SRCC = 0.9426 ]
[Valid(teacher)][51][UTT][ GML = 0.257352 | AML = 0.455400 | MoV = 0.225093 | VoV = 0.001492 | [SYS][ GML = 0.000195 | AML = 1.844346 | MoV = 0.002480 | VoV = 0.000003 ]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.18477047979631696
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.38 step/s]

[Valid(teacher)][52][UTT][ MSE = 0.5082 | LCC = 0.6262 | SRCC = 0.5879 | [SYS][ MSE = 0.0489 | LCC = 0.9839 | SRCC = 0.9508 ]
[Valid(teacher)][52][UTT][ GML = 0.260773 | AML = 0.456455 | MoV = 0.225630 | VoV = 0.001539 | [SYS][ GML = 0.000299 | AML = 1.656579 | MoV = 0.002489 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00, 4.12 step/s]
Average loss=-0.19605976343154907
Valid(teacher): 100% 3000/3000 [00:15<00:00, 190.34 step/s]

[Valid(teacher)][53][UTT][ MSE = 0.5048 | LCC = 0.6288 | SRCC = 0.5909 | [SYS][ MSE = 0.0498 | LCC = 0.9854 | SRCC = 0.9508 ]
[Valid(teacher)][53][UTT][ GML = 0.264938 | AML = 0.457349 | MoV = 0.227980 | VoV = 0.001547 | [SYS][ GML = 0.000325 | AML = 1.280855 | MoV = 0.002512 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.20188762247562408
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.78 step/s]

[Valid(teacher)][54][UTT][ MSE = 0.4972 | LCC = 0.6295 | SRCC = 0.5917 | [SYS][ MSE = 0.0424 | LCC = 0.9850 | SRCC = 0.9521 ]
[Valid(teacher)][54][UTT][ GML = 0.267908 | AML = 0.460526 | MoV = 0.225443 | VoV = 0.001528 | [SYS][ GML = 0.001973 | AML = 1.698573 | MoV = 0.002481 | VoV = 0.000003 ]
Train: 100% 845/845 [00:04<00:00, 4.11 step/s]
Average loss=-0.2093479335308075
Valid(teacher): 100% 3000/3000 [00:17<00:00, 175.91 step/s]

[Valid(teacher)][55][UTT][ MSE = 0.5038 | LCC = 0.6290 | SRCC = 0.5917 | [SYS][ MSE = 0.0489 | LCC = 0.9849 | SRCC = 0.9521 ]
[Valid(teacher)][55][UTT][ GML = 0.261464 | AML = 0.458748 | MoV = 0.222855 | VoV = 0.001498 | [SYS][ GML = 0.000344 | AML = 1.281760 | MoV = 0.002457 | VoV = 0.000003 ]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.21486248075962067
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.94 step/s]

[Valid(teacher)][56][UTT][ MSE = 0.4938 | LCC = 0.6294 | SRCC = 0.5928 | [SYS][ MSE = 0.0396 | LCC = 0.9851 | SRCC = 0.9494 ]
[Valid(teacher)][56][UTT][ GML = 0.267642 | AML = 0.462237 | MoV = 0.221765 | VoV = 0.001497 | [SYS][ GML = 0.004325 | AML = 1.920215 | MoV = 0.002437 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.2262914925813675
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.15 step/s]

[Valid(teacher)][57][UTT][ MSE = 0.4956 | LCC = 0.6298 | SRCC = 0.5932 | [SYS][ MSE = 0.0426 | LCC = 0.9852 | SRCC = 0.9501 ]
[Valid(teacher)][57][UTT][ GML = 0.264047 | AML = 0.462608 | MoV = 0.219425 | VoV = 0.001490 | [SYS][ GML = 0.001886 | AML = 1.649301 | MoV = 0.002418 | VoV = 0.000003 ]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.23318658769130707
Valid(teacher): 100% 3000/3000 [00:15<00:00, 188.19 step/s]

[Valid(teacher)][58][UTT][ MSE = 0.5003 | LCC = 0.6290 | SRCC = 0.5921 | [SYS][ MSE = 0.0459 | LCC = 0.9854 | SRCC = 0.9521 ]
[Valid(teacher)][58][UTT][ GML = 0.258241 | AML = 0.461643 | MoV = 0.217057 | VoV = 0.001534 | [SYS][ GML = 0.000659 | AML = 1.325370 | MoV = 0.002394 | VoV = 0.000003 ]
Train: 100% 845/845 [03:25<00:00, 4.12 step/s]
Average loss=-0.24325865507125854
Valid(teacher): 100% 3000/3000 [00:16<00:00, 182.61 step/s]

[Valid(teacher)][59][UTT][ MSE = 0.4929 | LCC = 0.6286 | SRCC = 0.5921 | [SYS][ MSE = 0.0396 | LCC = 0.9849 | SRCC = 0.9528 ]
[Valid(teacher)][59][UTT][ GML = 0.259431 | AML = 0.465342 | MoV = 0.213020 | VoV = 0.001566 | [SYS][ GML = 0.003399 | AML = 2.014540 | MoV = 0.002348 | VoV = 0.000002 ]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=-0.2432340532541275
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.16 step/s]

[Valid(teacher)][60][UTT][ MSE = 0.4878 | LCC = 0.6272 | SRCC = 0.5903 | [SYS][ MSE = 0.0349 | LCC = 0.9849 | SRCC = 0.9590 ]
[Valid(teacher)][60][UTT][ GML = 0.265617 | AML = 0.466469 | MoV = 0.214363 | VoV = 0.001457 | [SYS][ GML = 0.014895 | AML = 2.655295 | MoV = 0.002356 | VoV = 0.000002 ]
Best model performance test:
Test(best): 0% 0/4000 [00:00<?, ? step/s]/home/x_xliang/.conda/envs/lxygpu/lib/python3.8/site-packages/torch/nn/modules/rnn.py:774: UserWarning: RNN module weights are not part of single contiguous chunk of memory. This means they need to be compacted at every call, possibly greatly increasing memory usage. To compact weights again call flatten_parameters(). (Triggered internally at ../at
en/src/ATen/native/cudnn/RNN.cpp:968.)
result = _VF.lstm(input, hx, self._flat_weights, self.bias, self.num_layers,
Test(best): 100% 4000/4000 [00:21<00:00, 184.92 step/s]

[Test(best)][61][UTT][ MSE = 0.4910 | LCC = 0.6395 | SRCC = 0.6074 | [SYS][ MSE = 0.0433 | LCC = 0.9823 | SRCC = 0.9617 ]
[Test(best)][61][UTT][ GML = 0.266602 | AML = 0.467588 | MoV = 0.219471 | VoV = 0.001529 | [SYS][ GML = 0.000516 | AML = 1.859440 | MoV = 0.001781 | VoV = 0.000001 ]
Test(last): 100% 4000/4000 [00:21<00:00, 189.45 step/s]

[Test(last)][61][UTT][ MSE = 0.4871 | LCC = 0.6350 | SRCC = 0.6038 | [SYS][ MSE = 0.0368 | LCC = 0.9815 | SRCC = 0.9672 ]
[Test(last)][61][UTT][ GML = 0.265435 | AML = 0.469277 | MoV = 0.214498 | VoV = 0.001506 | [SYS][ GML = 0.005135 | AML = 2.797471 | MoV = 0.001736 | VoV = 0.000001 ]
(lxygpu) [x_xliang@node024 ProMOSNet]$
```