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xlypnu) [x_xliangnode008] python train.py --lamb_c=1 --lamb_t=0 --save_path "runs/c1-t0/run5"
Loading all wav files.
100% [REDACTED] | 54040/54040 [08:11-00:00, 109.91it/s]
/proj/jhorse_2021/users/x_xliang/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% [REDACTED] | 3000/3000 [01:50-00:00, 27.26it/s]
/proj/jhorse_2021/users/x_xliang/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% [REDACTED] | 4000/4000 [02:23-00:00, 27.93it/s]
/proj/jhorse_2021/users/x_xliang/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, 4.06 step/s]
Average loss=12925.783203125
Valid(teacher): 100% 3000/3000 [00:16-00:00, 185.40 step/s]

[Valid(teacher)][0][UTT] MSE = 2.9949 | LCC = 0.5077 | SRCC = 0.4860 | [SYS] MSE = 2.8549 | LCC = 0.8277 | SRCC = 0.8332 |
[Valid(teacher)][0][UTT] GML = 0.023196 | AML = 0.128747 | MoV = 0.487809 | VoV = 0.017453 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.005815 | VoV = 0.000031 |
Train: 100% 845/845 [03:25-00:00, 4.11 step/s]
Average loss=0.38832342624664307
Valid(teacher): 100% 3000/3000 [00:15-00:00, 198.96 step/s]

[Valid(teacher)][1][UTT] MSE = 1.4047 | LCC = 0.5675 | SRCC = 0.5322 | [SYS] MSE = 1.0657 | LCC = 0.8949 | SRCC = 0.8523 |
[Valid(teacher)][1][UTT] GML = 0.092718 | AML = 0.253307 | MoV = 0.431224 | VoV = 0.015705 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.005268 | VoV = 0.000029 |
Train: 100% 845/845 [03:24-00:00, 4.13 step/s]
Average loss=0.3348480463027954
Valid(teacher): 100% 3000/3000 [00:15-00:00, 192.24 step/s]

[Valid(teacher)][2][UTT] MSE = 1.2722 | LCC = 0.5877 | SRCC = 0.5445 | [SYS] MSE = 0.8993 | LCC = 0.9229 | SRCC = 0.8591 |
[Valid(teacher)][2][UTT] GML = 0.103908 | AML = 0.272049 | MoV = 0.409522 | VoV = 0.011774 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004924 | VoV = 0.000022 |
Train: 100% 845/845 [03:24-00:00, 4.13 step/s]
Average loss=0.30945348739624023
Valid(teacher): 100% 3000/3000 [00:15-00:00, 196.45 step/s]

[Valid(teacher)][3][UTT] MSE = 0.7923 | LCC = 0.6090 | SRCC = 0.5629 | [SYS] MSE = 0.3873 | LCC = 0.9386 | SRCC = 0.8598 |
[Valid(teacher)][3][UTT] GML = 0.228171 | AML = 0.350100 | MoV = 0.442976 | VoV = 0.007542 | [SYS] GML = 0.000000 | AML = 0.037360 | MoV = 0.005149 | VoV = 0.000018 |
Train: 100% 845/845 [03:25-00:00, 4.11 step/s]
Average loss=0.29141589999198914
Valid(teacher): 100% 3000/3000 [00:15-00:00, 196.56 step/s]

[Valid(teacher)][4][UTT] MSE = 0.9741 | LCC = 0.6178 | SRCC = 0.5731 | [SYS] MSE = 0.5902 | LCC = 0.9520 | SRCC = 0.8749 |
[Valid(teacher)][4][UTT] GML = 0.174488 | AML = 0.321543 | MoV = 0.408770 | VoV = 0.007242 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004768 | VoV = 0.000016 |
Train: 100% 845/845 [03:24-00:00, 4.13 step/s]
Average loss=0.2708786427974701
Valid(teacher): 100% 3000/3000 [00:15-00:00, 198.25 step/s]

[Valid(teacher)][5][UTT] MSE = 0.9166 | LCC = 0.6234 | SRCC = 0.5803 | [SYS] MSE = 0.5358 | LCC = 0.9544 | SRCC = 0.8844 |
[Valid(teacher)][5][UTT] GML = 0.191128 | AML = 0.322077 | MoV = 0.407083 | VoV = 0.006472 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004736 | VoV = 0.000016 |
Train: 100% 845/845 [03:25-00:00, 4.12 step/s]
Average loss=0.2610747814178467
Valid(teacher): 100% 3000/3000 [00:16-00:00, 187.15 step/s]

[Valid(teacher)][6][UTT] MSE = 0.9467 | LCC = 0.6276 | SRCC = 0.5878 | [SYS] MSE = 0.5747 | LCC = 0.9583 | SRCC = 0.8885 |
[Valid(teacher)][6][UTT] GML = 0.184754 | AML = 0.327630 | MoV = 0.399278 | VoV = 0.005792 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004652 | VoV = 0.000015 |
Train: 100% 845/845 [03:24-00:00, 4.13 step/s]
Average loss=0.24998058378696442
Valid(teacher): 100% 3000/3000 [00:15-00:00, 195.67 step/s]

[Valid(teacher)][7][UTT] MSE = 0.9368 | LCC = 0.6302 | SRCC = 0.5930 | [SYS] MSE = 0.5652 | LCC = 0.9619 | SRCC = 0.9002 |
[Valid(teacher)][7][UTT] GML = 0.187046 | AML = 0.330223 | MoV = 0.393799 | VoV = 0.005397 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004592 | VoV = 0.000015 |
Train: 100% 845/845 [03:24-00:00, 4.13 step/s]
Average loss=0.2347811758518219
Valid(teacher): 100% 3000/3000 [00:15-00:00, 196.83 step/s]

[Valid(teacher)][8][UTT] MSE = 0.9116 | LCC = 0.6322 | SRCC = 0.5973 | [SYS] MSE = 0.5408 | LCC = 0.9646 | SRCC = 0.9015 |
[Valid(teacher)][8][UTT] GML = 0.193147 | AML = 0.335538 | MoV = 0.388889 | VoV = 0.004889 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004529 | VoV = 0.000014 |
Train: 100% 845/845 [03:25-00:00, 4.11 step/s]
Average loss=0.2248358130455017
Valid(teacher): 100% 3000/3000 [00:15-00:00, 195.94 step/s]

[Valid(teacher)][9][UTT] MSE = 0.9887 | LCC = 0.6323 | SRCC = 0.6000 | [SYS] MSE = 0.6267 | LCC = 0.9658 | SRCC = 0.9097 |
[Valid(teacher)][9][UTT] GML = 0.171027 | AML = 0.322658 | MoV = 0.376831 | VoV = 0.004759 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004415 | VoV = 0.000014 |
Train: 100% 845/845 [03:25-00:00, 4.11 step/s]
Average loss=0.21492642164230347
Valid(teacher): 100% 3000/3000 [00:15-00:00, 193.97 step/s]

[Valid(teacher)][10][UTT] MSE = 0.9622 | LCC = 0.6321 | SRCC = 0.6016 | [SYS] MSE = 0.5967 | LCC = 0.9667 | SRCC = 0.9179 |
[Valid(teacher)][10][UTT] GML = 0.176875 | AML = 0.327289 | MoV = 0.374187 | VoV = 0.004321 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004371 | VoV = 0.000013 |
Train: 100% 845/845 [03:26-00:00, 4.10 step/s]
Average loss=0.20068742334842682
Valid(teacher): 100% 3000/3000 [00:15-00:00, 193.25 step/s]

[Valid(teacher)][11][UTT] MSE = 0.9888 | LCC = 0.6296 | SRCC = 0.6014 | [SYS] MSE = 0.6253 | LCC = 0.9675 | SRCC = 0.9221 |
[Valid(teacher)][11][UTT] GML = 0.168482 | AML = 0.323205 | MoV = 0.366841 | VoV = 0.004032 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.004290 | VoV = 0.000013 |
Train: 100% 845/845 [
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Average loss=0.11787184327840805
Valid(teacher): 100% 3000/3000 [00:15<00:00, 188.46 step/s]

[Valid(teacher)][20][UTT][MSE = 0.7153 | LCC = 0.6303 | SRCC = 0.5983 | [SYS][MSE = 0.2921 | LCC = 0.9692 | SRCC = 0.9173]
[Valid(teacher)][20][UTT][GML = 0.231860 | AML = 0.384267 | MoV = 0.335803 | VoV = 0.002513 | [SYS][GML = 0.000000 | AML = 0.000033 | MoV = 0.003809 | VoV = 0.000007]
Train: 100% 845/845 [03:27<00:00, 4.08 step/s]
Average loss=0.10916213691234589
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.27 step/s]

[Valid(teacher)][21][UTT][MSE = 0.7014 | LCC = 0.6304 | SRCC = 0.5977 | [SYS][MSE = 0.2758 | LCC = 0.9700 | SRCC = 0.9200]
[Valid(teacher)][21][UTT][GML = 0.234065 | AML = 0.388555 | MoV = 0.338006 | VoV = 0.002562 | [SYS][GML = 0.000000 | AML = 0.000036 | MoV = 0.003750 | VoV = 0.000007]
Train: 100% 845/845 [03:26<00:00, 4.09 step/s]
Average loss=0.09861822426319122
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.44 step/s]

[Valid(teacher)][22][UTT][MSE = 0.6935 | LCC = 0.6330 | SRCC = 0.6002 | [SYS][MSE = 0.2625 | LCC = 0.9711 | SRCC = 0.9262]
[Valid(teacher)][22][UTT][GML = 0.233549 | AML = 0.391783 | MoV = 0.324528 | VoV = 0.002556 | [SYS][GML = 0.000000 | AML = 0.000084 | MoV = 0.003674 | VoV = 0.000007]
Train: 100% 845/845 [03:27<00:00, 4.07 step/s]
Average loss=0.0881267189975532
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.64 step/s]

[Valid(teacher)][23][UTT][MSE = 0.6493 | LCC = 0.6387 | SRCC = 0.6051 | [SYS][MSE = 0.2115 | LCC = 0.9745 | SRCC = 0.9289]
[Valid(teacher)][23][UTT][GML = 0.248041 | AML = 0.402957 | MoV = 0.320634 | VoV = 0.002640 | [SYS][GML = 0.000000 | AML = 0.005190 | MoV = 0.003612 | VoV = 0.000006]
Train: 100% 845/845 [03:28<00:00, 4.06 step/s]
Average loss=0.0825774148106575
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.99 step/s]

[Valid(teacher)][24][UTT][MSE = 0.6661 | LCC = 0.6398 | SRCC = 0.6069 | [SYS][MSE = 0.2309 | LCC = 0.9747 | SRCC = 0.9344]
[Valid(teacher)][24][UTT][GML = 0.239411 | AML = 0.399543 | MoV = 0.316781 | VoV = 0.002756 | [SYS][GML = 0.000000 | AML = 0.001032 | MoV = 0.003576 | VoV = 0.000006]
Train: 100% 845/845 [03:26<00:00, 4.09 step/s]
Average loss=0.07177264243364334
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.25 step/s]

[Valid(teacher)][25][UTT][MSE = 0.6446 | LCC = 0.6436 | SRCC = 0.6100 | [SYS][MSE = 0.2065 | LCC = 0.9758 | SRCC = 0.9344]
[Valid(teacher)][25][UTT][GML = 0.245348 | AML = 0.405703 | MoV = 0.313150 | VoV = 0.002889 | [SYS][GML = 0.000000 | AML = 0.005834 | MoV = 0.003528 | VoV = 0.000006]
Train: 100% 845/845 [03:28<00:00, 4.06 step/s]
Average loss=0.061490464955568314
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.03 step/s]

[Valid(teacher)][26][UTT][MSE = 0.6536 | LCC = 0.6431 | SRCC = 0.6099 | [SYS][MSE = 0.2143 | LCC = 0.9755 | SRCC = 0.9357]
[Valid(teacher)][26][UTT][GML = 0.238153 | AML = 0.404340 | MoV = 0.307395 | VoV = 0.002894 | [SYS][GML = 0.000000 | AML = 0.002286 | MoV = 0.003464 | VoV = 0.000006]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=0.049054304641485214
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.66 step/s]

[Valid(teacher)][27][UTT][MSE = 0.6197 | LCC = 0.6437 | SRCC = 0.6110 | [SYS][MSE = 0.1726 | LCC = 0.9752 | SRCC = 0.9405]
[Valid(teacher)][27][UTT][GML = 0.248359 | AML = 0.414759 | MoV = 0.300813 | VoV = 0.002890 | [SYS][GML = 0.000000 | AML = 0.001020 | MoV = 0.003387 | VoV = 0.000005]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=0.04163210093975067
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.99 step/s]

[Valid(teacher)][28][UTT][MSE = 0.6449 | LCC = 0.6449 | SRCC = 0.6120 | [SYS][MSE = 0.2003 | LCC = 0.9766 | SRCC = 0.9405]
[Valid(teacher)][28][UTT][GML = 0.234314 | AML = 0.408900 | MoV = 0.296581 | VoV = 0.003074 | [SYS][GML = 0.000000 | AML = 0.008735 | MoV = 0.003349 | VoV = 0.000005]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=0.03274644538760185
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.54 step/s]

[Valid(teacher)][29][UTT][MSE = 0.6120 | LCC = 0.6479 | SRCC = 0.6143 | [SYS][MSE = 0.1637 | LCC = 0.9776 | SRCC = 0.9371]
[Valid(teacher)][29][UTT][GML = 0.248520 | AML = 0.417841 | MoV = 0.295365 | VoV = 0.002900 | [SYS][GML = 0.000000 | AML = 0.135355 | MoV = 0.003323 | VoV = 0.000005]
Train: 100% 845/845 [05:49<00:00, 2.42 step/s]
Average loss=0.02275296114385128
Valid(teacher): 100% 3000/3000 [00:16<00:00, 176.94 step/s]

[Valid(teacher)][30][UTT][MSE = 0.5938 | LCC = 0.6489 | SRCC = 0.6143 | [SYS][MSE = 0.1446 | LCC = 0.9777 | SRCC = 0.9398]
[Valid(teacher)][30][UTT][GML = 0.254923 | AML = 0.423564 | MoV = 0.291716 | VoV = 0.002883 | [SYS][GML = 0.000000 | AML = 0.261055 | MoV = 0.003274 | VoV = 0.000005]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=0.01993000513446331
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.07 step/s]

[Valid(teacher)][31][UTT][MSE = 0.5740 | LCC = 0.6507 | SRCC = 0.6157 | [SYS][MSE = 0.1224 | LCC = 0.9789 | SRCC = 0.9432]
[Valid(teacher)][31][UTT][GML = 0.263828 | AML = 0.429631 | MoV = 0.290307 | VoV = 0.002861 | [SYS][GML = 0.000000 | AML = 0.449044 | MoV = 0.003250 | VoV = 0.000005]
Train: 100% 845/845 [03:29<00:00, 4.04 step/s]
Average loss=0.010296602733433247
Valid(teacher): 100% 3000/3000 [00:16<00:00, 184.84 step/s]

[Valid(teacher)][32][UTT][MSE = 0.5752 | LCC = 0.6468 | SRCC = 0.6123 | [SYS][MSE = 0.1156 | LCC = 0.9775 | SRCC = 0.9453]
[Valid(teacher)][32][UTT][GML = 0.259383 | AML = 0.430486 | MoV = 0.285547 | VoV = 0.002917 | [SYS][GML = 0.000000 | AML = 0.733512 | MoV = 0.003200 | VoV = 0.000005]
Train: 100% 845/845 [03:29<00:00, 4.03 step/s]
Average loss=0.009353190660476685
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.05 step/s]

[Valid(teacher)][33][UTT][MSE = 0.5806 | LCC = 0.6459 | SRCC = 0.6108 | [SYS][MSE = 0.1208 | LCC = 0.9785 | SRCC = 0.9460]
[Valid(teacher)][33][UTT][GML = 0.255461 | AML = 0.429230 | MoV = 0.283374 | VoV = 0.002847 | [SYS][GML = 0.000000 | AML = 0.533390 | MoV = 0.003178 | VoV = 0.000004]
Train: 100% 845/845 [04:51<00:00, 2.90 step/s]
Average loss=0.00403380207171487
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.83 step/s]

[Valid(teacher)][34][UTT][MSE = 0.5641 | LCC = 0.6491 | SRCC = 0.6142 | [SYS][MSE = 0.1064 | LCC = 0.9789 | SRCC = 0.9460]
[Valid(teacher)][34][UTT][GML = 0.261992 | AML = 0.434802 | MoV = 0.280596 | VoV = 0.002784 | [SYS][GML = 0.000000 | AML = 0.689454 | MoV = 0.003147 | VoV = 0.000004]
Train: 100% 845/845 [04:07<00:00, 3.41 step/s]
Average loss=-0.005178108811378479
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.78 step/s]

[Valid(teacher)][35][UTT][MSE = 0.5573 | LCC = 0.6472 | SRCC = 0.6126 | [SYS][MSE = 0.0934 | LCC = 0.9778 | SRCC = 0.9419]
[Valid(teacher)][35][UTT][GML = 0.263154 | AML = 0.437955 | MoV = 0.276855 | VoV = 0.002776 | [SYS][GML = 0.000000 | AML = 0.978890 | MoV = 0.003099 | VoV = 0.000004]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=-0.010553748346865177
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.85 step/s]

[Valid(teacher)][36][UTT][MSE = 0.5383 | LCC = 0.6402 | SRCC = 0.6134 | [SYS][MSE = 0.0747 | LCC = 0.9780 | SRCC = 0.9419]
[Valid(teacher)][36][UTT][GML = 0.272937 | AML = 0.444158 | MoV = 0.275832 | VoV = 0.002741 | [SYS][GML = 0.000001 | AML = 0.977966 | MoV = 0.003081 | VoV = 0.000004]
Train: 100% 845/845 [03:27<00:00, 4.08 step/s]
Average loss=0.01763618364930153
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.60 step/s]

[Valid(teacher)][37][UTT][MSE = 0.5472 | LCC = 0.6464 | SRCC = 0.6125 | [SYS][MSE = 0.0819 | LCC = 0.9773 | SRCC = 0.9453]
[Valid(teacher)][37][UTT][GML = 0.266023 | AML = 0.442337 | MoV = 0.272664 | VoV = 0.002750 | [SYS][GML = 0.000000 | AML = 1.004139 | MoV = 0.003051 | VoV = 0.000004]
Train: 100% 845/845 [04:17<00:00, 3.28 step/s]
Average loss=-0.022673480212688446
Valid(teacher): 100% 3000/3000 [00:18<00:00, 165.26 step/s]

[Valid(teacher)][38][UTT][MSE = 0.5488 | LCC = 0.6466 | SRCC = 0.6121 | [SYS][MSE = 0.0859 | LCC = 0.9773 | SRCC = 0.9432]
[Valid(teacher)][38][UTT][GML = 0.264513 | AML = 0.441944 | MoV = 0.271128 | VoV = 0.002739 | [SYS][GML = 0.000000 | AML = 1.078599 | MoV = 0.003038 | VoV = 0.000004]
Train: 100% 845/845 [03:38<00:00, 3.86 step/s]
Average loss=-0.0378800443049431
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.78 step/s]

[Valid(teacher)][39][UTT][MSE = 0.5533 | LCC = 0.6460 | SRCC = 0.6100 | [SYS][MSE = 0.0895 | LCC = 0.9771 | SRCC = 0.9391]
[Valid(teacher)][39][UTT][GML = 0.259086 | AML = 0.441381 | MoV = 0.267860 | VoV = 0.002821 | [SYS][GML = 0.000000 | AML = 1.105073 | MoV = 0.003007 | VoV = 0.000004]
Train: 100% 845/845 [03:26<00:00, 4.08 step/s]
Average loss=-0.04283676669001579
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.88 step/s]

[Valid(teacher)][40][UTT][MSE = 0.5614 | LCC = 0.6438 | SRCC = 0.6079 | [SYS][MSE = 0.0928 | LCC = 0.9776 | SRCC = 0.9439]
[Valid(teacher)][40][UTT][GML = 0.251453 | AML = 0.440057 | MoV = 0.263367 | VoV = 0.002813 | [SYS][GML = 0.000000 | AML = 1.000285 | MoV = 0.002956 | VoV = 0.000004]
Train: 100% 845/845 [03:26<00:00, 4.08 step/s]
Average loss=-0.05033794045448303
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.13 step/s]

[Valid(teacher)][41][UTT][MSE = 0.5597 | LCC = 0.6457 | SRCC = 0.6096 | [SYS][MSE = 0.0951 | LCC = 0.9778 | SRCC = 0.9432]
[Valid(teacher)][41][UTT][GML = 0.251659 | AML = 0.440236 | MoV = 0.262027 | VoV = 0.002834 | [SYS][GML = 0.000000 | AML = 0.862282 | MoV = 0.002938 | VoV = 0.000004]
Train: 100% 845/845 [03:28<00:00, 4.06 step/s]
Average loss=-0.05180107802152634
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.49 step/s]

[Valid(teacher)][42][UTT][MSE = 0.5392 | LCC = 0.6458 | SRCC = 0.6098 | [SYS][MSE = 0.0728 | LCC = 0.9780 | SRCC = 0.9439]
[Valid(teacher)][42][UTT][GML = 0.264152 | AML = 0.446663 | MoV = 0.261213 | VoV = 0.002650 | [SYS][GML = 0.000001 | AML = 1.343112 | MoV = 0.002923 | VoV = 0.000004]
Train: 100% 845/845 [03:27<00:00, 4.08 step/s]
Average loss=-0.06006890907883644
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.67 step/s]

[Valid(teacher)][43][UTT][MSE = 0.5349 | LCC = 0.6436 | SRCC = 0.6076 | [SYS][MSE = 0.0635 | LCC = 0.9771 | SRCC = 0.9426]
[Valid(teacher)][43][UTT][GML = 0.266730 | AML = 0.448492 | MoV = 0.259921 | VoV = 0.002559 | [SYS][GML = 0.000006 | AML = 1.409451 | MoV = 0.002906 | VoV = 0.000004]

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Train: 100% 845/845 [08:10<00:00, 1.72 step/s]
Average loss=-0.06444654613733292
Valid(teacher): 100% 3000/3000 [00:31<00:00, 95.46 step/s]

[Valid(teacher)][44][UTT][ MSE = 0.5484 | LCC = 0.6441 | SRCC = 0.6082 ] [SYS][ MSE = 0.0813 | LCC = 0.9783 | SRCC = 0.9426 ]
[Valid(teacher)][44][UTT][ GML = 0.256172 | AML = 0.444412 | MoV = 0.255614 | VoV = 0.002512 ] [SYS][ GML = 0.000000 | AML = 1.012517 | MoV = 0.002868 | VoV = 0.000004 ]
Train: 100% 845/845 [06:31<00:00, 2.16 step/s]
Average loss=-0.07471871376037598
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.90 step/s]

[Valid(teacher)][45][UTT][ MSE = 0.5477 | LCC = 0.6445 | SRCC = 0.6078 ] [SYS][ MSE = 0.0818 | LCC = 0.9785 | SRCC = 0.9487 ]
[Valid(teacher)][45][UTT][ GML = 0.254647 | AML = 0.445147 | MoV = 0.253131 | VoV = 0.002533 ] [SYS][ GML = 0.000000 | AML = 0.822082 | MoV = 0.002836 | VoV = 0.000004 ]
Train: 100% 845/845 [04:14<00:00, 3.32 step/s]
Average loss=-0.07948093861341476
Valid(teacher): 100% 3000/3000 [00:33<00:00, 89.11 step/s]

[Valid(teacher)][46][UTT][ MSE = 0.5691 | LCC = 0.6427 | SRCC = 0.6066 ] [SYS][ MSE = 0.1019 | LCC = 0.9791 | SRCC = 0.9549 ]
[Valid(teacher)][46][UTT][ GML = 0.239148 | AML = 0.439095 | MoV = 0.249791 | VoV = 0.002662 ] [SYS][ GML = 0.000000 | AML = 0.484312 | MoV = 0.002805 | VoV = 0.000004 ]
Train: 100% 845/845 [06:17<00:00, 2.24 step/s]
Average loss=-0.08684031665325165
Valid(teacher): 100% 3000/3000 [01:03<00:00, 47.13 step/s]

[Valid(teacher)][47][UTT][ MSE = 0.5509 | LCC = 0.6427 | SRCC = 0.6071 ] [SYS][ MSE = 0.0804 | LCC = 0.9784 | SRCC = 0.9521 ]
[Valid(teacher)][47][UTT][ GML = 0.247327 | AML = 0.446081 | MoV = 0.245914 | VoV = 0.002467 ] [SYS][ GML = 0.000000 | AML = 0.913041 | MoV = 0.002754 | VoV = 0.000003 ]
Train: 100% 845/845 [05:26<00:00, 2.59 step/s]
Average loss=-0.08857199549674988
Valid(teacher): 100% 3000/3000 [00:15<00:00, 188.49 step/s]

[Valid(teacher)][48][UTT][ MSE = 0.5453 | LCC = 0.6427 | SRCC = 0.6069 ] [SYS][ MSE = 0.0777 | LCC = 0.9779 | SRCC = 0.9487 ]
[Valid(teacher)][48][UTT][ GML = 0.251141 | AML = 0.448215 | MoV = 0.245383 | VoV = 0.002379 ] [SYS][ GML = 0.000000 | AML = 0.876066 | MoV = 0.002749 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00, 4.14 step/s]
Average loss=-0.09123881161212921
Valid(teacher): 100% 3000/3000 [00:15<00:00, 190.76 step/s]

[Valid(teacher)][49][UTT][ MSE = 0.5556 | LCC = 0.6422 | SRCC = 0.6058 ] [SYS][ MSE = 0.0868 | LCC = 0.9791 | SRCC = 0.9562 ]
[Valid(teacher)][49][UTT][ GML = 0.242706 | AML = 0.445361 | MoV = 0.243241 | VoV = 0.002430 ] [SYS][ GML = 0.000000 | AML = 0.633184 | MoV = 0.002737 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.10285541415214539
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.40 step/s]

[Valid(teacher)][50][UTT][ MSE = 0.5338 | LCC = 0.6419 | SRCC = 0.6056 ] [SYS][ MSE = 0.0653 | LCC = 0.9785 | SRCC = 0.9542 ]
[Valid(teacher)][50][UTT][ GML = 0.255570 | AML = 0.453189 | MoV = 0.241735 | VoV = 0.002314 ] [SYS][ GML = 0.000002 | AML = 1.041702 | MoV = 0.002705 | VoV = 0.000003 ]
Train: 100% 845/845 [03:26<00:00, 4.09 step/s]
Average loss=-0.10988891124725342
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.09 step/s]

[Valid(teacher)][51][UTT][ MSE = 0.5422 | LCC = 0.6424 | SRCC = 0.6058 ] [SYS][ MSE = 0.0762 | LCC = 0.9787 | SRCC = 0.9549 ]
[Valid(teacher)][51][UTT][ GML = 0.247559 | AML = 0.450848 | MoV = 0.239079 | VoV = 0.002388 ] [SYS][ GML = 0.000000 | AML = 0.639352 | MoV = 0.002679 | VoV = 0.000003 ]
Train: 100% 845/845 [03:26<00:00, 4.08 step/s]
Average loss=-0.116952804004879
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.72 step/s]

[Valid(teacher)][52][UTT][ MSE = 0.5217 | LCC = 0.6430 | SRCC = 0.6064 ] [SYS][ MSE = 0.0551 | LCC = 0.9780 | SRCC = 0.9590 ]
[Valid(teacher)][52][UTT][ GML = 0.257618 | AML = 0.458704 | MoV = 0.235074 | VoV = 0.002228 ] [SYS][ GML = 0.000020 | AML = 1.464181 | MoV = 0.002624 | VoV = 0.000003 ]
Train: 100% 845/845 [09:42<00:00, 1.45 step/s]
Average loss=-0.12350710481405258
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.08 step/s]

[Valid(teacher)][53][UTT][ MSE = 0.5299 | LCC = 0.6400 | SRCC = 0.6041 ] [SYS][ MSE = 0.0606 | LCC = 0.9778 | SRCC = 0.9603 ]
[Valid(teacher)][53][UTT][ GML = 0.250565 | AML = 0.456712 | MoV = 0.232258 | VoV = 0.002237 ] [SYS][ GML = 0.000004 | AML = 1.142201 | MoV = 0.002596 | VoV = 0.000003 ]
Train: 100% 845/845 [03:45<00:00, 3.74 step/s]
Average loss=-0.12245616316795349
Valid(teacher): 100% 3000/3000 [00:16<00:00, 185.02 step/s]

[Valid(teacher)][54][UTT][ MSE = 0.5242 | LCC = 0.6396 | SRCC = 0.6030 ] [SYS][ MSE = 0.0519 | LCC = 0.9773 | SRCC = 0.9590 ]
[Valid(teacher)][54][UTT][ GML = 0.252838 | AML = 0.459363 | MoV = 0.230206 | VoV = 0.002196 ] [SYS][ GML = 0.000028 | AML = 1.616939 | MoV = 0.002572 | VoV = 0.000003 ]
Train: 100% 845/845 [00:47<00:00, 4.07 step/s]
Average loss=-0.12442025542259216
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.03 step/s]

[Valid(teacher)][55][UTT][ MSE = 0.5206 | LCC = 0.6402 | SRCC = 0.6038 ] [SYS][ MSE = 0.0508 | LCC = 0.9771 | SRCC = 0.9576 ]
[Valid(teacher)][55][UTT][ GML = 0.253950 | AML = 0.461721 | MoV = 0.229115 | VoV = 0.002180 ] [SYS][ GML = 0.000040 | AML = 1.713219 | MoV = 0.002556 | VoV = 0.000003 ]
Train: 100% 845/845 [03:26<00:00, 4.10 step/s]
Average loss=-0.13478291834698486
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.61 step/s]

[Valid(teacher)][56][UTT][ MSE = 0.5106 | LCC = 0.6399 | SRCC = 0.6038 ] [SYS][ MSE = 0.0386 | LCC = 0.9770 | SRCC = 0.9487 ]
[Valid(teacher)][56][UTT][ GML = 0.258418 | AML = 0.465909 | MoV = 0.226353 | VoV = 0.002121 ] [SYS][ GML = 0.000765 | AML = 1.631267 | MoV = 0.002521 | VoV = 0.000003 ]
Train: 100% 845/845 [03:27<00:00, 4.06 step/s]
Average loss=-0.13596278429031372
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.96 step/s]

[Valid(teacher)][57][UTT][ MSE = 0.5158 | LCC = 0.6393 | SRCC = 0.6036 ] [SYS][ MSE = 0.0415 | LCC = 0.9769 | SRCC = 0.9542 ]
[Valid(teacher)][57][UTT][ GML = 0.252307 | AML = 0.464938 | MoV = 0.224266 | VoV = 0.002115 ] [SYS][ GML = 0.000284 | AML = 1.879001 | MoV = 0.002502 | VoV = 0.000003 ]
Train: 100% 845/845 [03:28<00:00, 4.05 step/s]
Average loss=-0.14569781720638275
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.06 step/s]

[Valid(teacher)][58][UTT][ MSE = 0.5145 | LCC = 0.6396 | SRCC = 0.6041 ] [SYS][ MSE = 0.0430 | LCC = 0.9767 | SRCC = 0.9474 ]
[Valid(teacher)][58][UTT][ GML = 0.251787 | AML = 0.465771 | MoV = 0.221132 | VoV = 0.001938 ] [SYS][ GML = 0.000223 | AML = 1.534961 | MoV = 0.002470 | VoV = 0.000003 ]
Train: 100% 845/845 [03:28<00:00, 4.05 step/s]
Average loss=-0.14751017093058447
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.44 step/s]

[Valid(teacher)][59][UTT][ MSE = 0.5281 | LCC = 0.6389 | SRCC = 0.6029 ] [SYS][ MSE = 0.0578 | LCC = 0.9776 | SRCC = 0.9556 ]
[Valid(teacher)][59][UTT][ GML = 0.241227 | AML = 0.460006 | MoV = 0.219252 | VoV = 0.001937 ] [SYS][ GML = 0.000005 | AML = 1.258135 | MoV = 0.002454 | VoV = 0.000003 ]
Train: 100% 845/845 [03:26<00:00, 4.09 step/s]
Average loss=-0.1517130583524704
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.89 step/s]

[Valid(teacher)][60][UTT][ MSE = 0.5297 | LCC = 0.6369 | SRCC = 0.6009 ] [SYS][ MSE = 0.0570 | LCC = 0.9777 | SRCC = 0.9597 ]
[Valid(teacher)][60][UTT][ GML = 0.236663 | AML = 0.460393 | MoV = 0.217234 | VoV = 0.002024 ] [SYS][ GML = 0.000005 | AML = 1.083537 | MoV = 0.002434 | VoV = 0.000003 ]
Best model performance test:
Test(best): 0% 0/4000 [00:00<, ? step/s]/home/x_xlian/.conda/envs/lxygpu/lib/python3.8/site-packages/torch/nn/modules/rnn.py:774: UserWarning: RNN module weights are not part of single contiguous chunk of memory. This means they need to be compacted at every call, possibly greatly increasing memory usage. To compact weights again call flatten_parameters(). (Triggered internally at ../at
en/src/ATen/native/cudnn/RNN.cpp:968.)
result = _VF.lstm(input, hx, self._flat_weights, self.bias, self.num_layers,
Test(best): 100% 4000/4000 [00:21<00:00, 189.95 step/s]

[Test(best)][61][UTT][ MSE = 0.5562 | LCC = 0.6667 | SRCC = 0.6324 ] [SYS][ MSE = 0.1150 | LCC = 0.9818 | SRCC = 0.9617 ]
[Test(best)][61][UTT][ GML = 0.268491 | AML = 0.437974 | MoV = 0.289151 | VoV = 0.002807 ] [SYS][ GML = 0.000000 | AML = 0.005221 | MoV = 0.002370 | VoV = 0.000002 ]
Test(last): 100% 4000/4000 [00:20<00:00, 193.93 step/s]

[Test(last)][61][UTT][ MSE = 0.5065 | LCC = 0.6577 | SRCC = 0.6245 ] [SYS][ MSE = 0.0503 | LCC = 0.9831 | SRCC = 0.9733 ]
[Test(last)][61][UTT][ GML = 0.247667 | AML = 0.472975 | MoV = 0.217271 | VoV = 0.001972 ] [SYS][ GML = 0.000002 | AML = 0.498033 | MoV = 0.001792 | VoV = 0.000001 ]
(lxygpu) [x_xliangnode008 ProMOSNet]$ client_loop: send disconnect: Broken pipe
lxy@Hope-Liang-NBA ProMOSNet
```