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xianqin@xliangnode012:~/ProMOSNet$ python train.py --lamb_c=1 --lamb_t=0.25 --save_path "runs/cv1-t2Se-2-run2"
Loading all wav files.
100%|██████████████████████████████████████████████████████████████████████████████| 54040/54040 [07:47:00:00, 115.72it/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 [01:43:00:00, 28.96it/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 [02:18:00:00, 28.85it/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 [03:25:00:00, 4.11 step/s]
Average loss=57507.125
Valid(teacher): 100% 3000/3000 [00:16:00:00, 187.13 step/s]

[Valid(teacher)][0][UTT] MSE = 1.1920 | LCC = 0.3892 | SRCC = 0.3778 | [SYS][ MSE = 0.9456 | LCC = 0.6423 | SRCC = 0.7251 ]
[Valid(teacher)][0][UTT] GML = 0.216169 | AML = 0.269270 | MoV = 0.909928 | VoV = 0.016620 | [SYS][ GML = 0.000000 | AML = 0.202782 | MoV = 0.010334 | VoV = 0.000065 ]
Train: 100% 845/845 [03:22:00:00, 4.16 step/s]
Average loss=0.5160034894943237
Valid(teacher): 100% 3000/3000 [00:14:00:00, 203.18 step/s]

[Valid(teacher)][1][UTT] MSE = 1.6259 | LCC = 0.5059 | SRCC = 0.4876 | [SYS][ MSE = 1.2485 | LCC = 0.8739 | SRCC = 0.8680 ]
[Valid(teacher)][1][UTT] GML = 0.074584 | AML = 0.232637 | MoV = 0.451559 | VoV = 0.014626 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.005445 | VoV = 0.000027 ]
Train: 100% 845/845 [03:22:00:00, 4.18 step/s]
Average loss=0.4219694435596466
Valid(teacher): 100% 3000/3000 [00:15:00:00, 199.24 step/s]

[Valid(teacher)][2][UTT] MSE = 1.4315 | LCC = 0.5400 | SRCC = 0.5143 | [SYS][ MSE = 1.0349 | LCC = 0.9186 | SRCC = 0.8749 ]
[Valid(teacher)][2][UTT] GML = 0.092357 | AML = 0.253006 | MoV = 0.417555 | VoV = 0.009465 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.005014 | VoV = 0.000022 ]
Train: 100% 845/845 [03:22:00:00, 4.18 step/s]
Average loss=0.3786347806453705
Valid(teacher): 100% 3000/3000 [00:14:00:00, 200.98 step/s]

[Valid(teacher)][3][UTT] MSE = 0.6993 | LCC = 0.5499 | SRCC = 0.5266 | [SYS][ MSE = 0.2264 | LCC = 0.9372 | SRCC = 0.8879 ]
[Valid(teacher)][3][UTT] GML = 0.217254 | AML = 0.361473 | MoV = 0.479347 | VoV = 0.004817 | [SYS][ GML = 0.000000 | AML = 0.387303 | MoV = 0.005576 | VoV = 0.000020 ]
Train: 100% 845/845 [03:22:00:00, 4.17 step/s]
Average loss=0.3465166389942169
Valid(teacher): 100% 3000/3000 [00:14:00:00, 200.12 step/s]

[Valid(teacher)][4][UTT] MSE = 0.7156 | LCC = 0.5735 | SRCC = 0.5463 | [SYS][ MSE = 0.2915 | LCC = 0.9446 | SRCC = 0.8858 ]
[Valid(teacher)][4][UTT] GML = 0.265878 | AML = 0.361647 | MoV = 0.460303 | VoV = 0.004061 | [SYS][ GML = 0.000000 | AML = 0.467612 | MoV = 0.005332 | VoV = 0.000018 ]
Train: 100% 845/845 [03:22:00:00, 4.18 step/s]
Average loss=0.32671210169792175
Valid(teacher): 100% 3000/3000 [00:14:00:00, 202.58 step/s]

[Valid(teacher)][5][UTT] MSE = 0.6385 | LCC = 0.5833 | SRCC = 0.5539 | [SYS][ MSE = 0.2034 | LCC = 0.9500 | SRCC = 0.8858 ]
[Valid(teacher)][5][UTT] GML = 0.291104 | AML = 0.375233 | MoV = 0.466474 | VoV = 0.003592 | [SYS][ GML = 0.000000 | AML = 0.539779 | MoV = 0.005368 | VoV = 0.000017 ]
Train: 100% 845/845 [03:21:00:00, 4.18 step/s]
Average loss=0.3113776445388794
Valid(teacher): 100% 3000/3000 [00:14:00:00, 202.07 step/s]

[Valid(teacher)][6][UTT] MSE = 0.5526 | LCC = 0.5958 | SRCC = 0.5633 | [SYS][ MSE = 0.1069 | LCC = 0.9565 | SRCC = 0.8995 ]
[Valid(teacher)][6][UTT] GML = 0.321416 | AML = 0.391224 | MoV = 0.473338 | VoV = 0.002988 | [SYS][ GML = 0.000597 | AML = 0.650334 | MoV = 0.005396 | VoV = 0.000016 ]
Train: 100% 845/845 [03:21:00:00, 4.19 step/s]
Average loss=0.29336339235305786
Valid(teacher): 100% 3000/3000 [00:14:00:00, 201.47 step/s]

[Valid(teacher)][7][UTT] MSE = 0.5424 | LCC = 0.6055 | SRCC = 0.5711 | [SYS][ MSE = 0.1096 | LCC = 0.9619 | SRCC = 0.9036 ]
[Valid(teacher)][7][UTT] GML = 0.325273 | AML = 0.393993 | MoV = 0.467483 | VoV = 0.002791 | [SYS][ GML = 0.000496 | AML = 0.763272 | MoV = 0.005318 | VoV = 0.000015 ]
Train: 100% 845/845 [03:22:00:00, 4.18 step/s]
Average loss=0.27458590269088745
Valid(teacher): 100% 3000/3000 [00:14:00:00, 200.02 step/s]

[Valid(teacher)][8][UTT] MSE = 0.5325 | LCC = 0.6091 | SRCC = 0.5751 | [SYS][ MSE = 0.0964 | LCC = 0.9637 | SRCC = 0.9118 ]
[Valid(teacher)][8][UTT] GML = 0.328411 | AML = 0.397648 | MoV = 0.459300 | VoV = 0.002653 | [SYS][ GML = 0.001334 | AML = 0.994966 | MoV = 0.005210 | VoV = 0.000014 ]
Train: 100% 845/845 [03:22:00:00, 4.18 step/s]
Average loss=0.26125258207321167
Valid(teacher): 100% 3000/3000 [00:14:00:00, 201.67 step/s]

[Valid(teacher)][9][UTT] MSE = 0.5317 | LCC = 0.6132 | SRCC = 0.5787 | [SYS][ MSE = 0.1054 | LCC = 0.9656 | SRCC = 0.9186 ]
[Valid(teacher)][9][UTT] GML = 0.329002 | AML = 0.398108 | MoV = 0.453650 | VoV = 0.002329 | [SYS][ GML = 0.000525 | AML = 1.197438 | MoV = 0.005138 | VoV = 0.000013 ]
Train: 100% 845/845 [03:22:00:00, 4.18 step/s]
Average loss=0.24207022786140442
Valid(teacher): 100% 3000/3000 [00:15:00:00, 199.04 step/s]

[Valid(teacher)][10][UTT] MSE = 0.5462 | LCC = 0.6206 | SRCC = 0.5860 | [SYS][ MSE = 0.1303 | LCC = 0.9679 | SRCC = 0.9234 ]
[Valid(teacher)][10][UTT] GML = 0.322874 | AML = 0.397470 | MoV = 0.441178 | VoV = 0.002421 | [SYS][ GML = 0.000024 | AML = 0.553379 | MoV = 0.005011 | VoV = 0.000013 ]
Train: 100% 845/845 [03:22:00:00, 4.17 step/s]
Average loss=0.22511528432369232
Valid(teacher): 100% 3000/3000 [00:14:00:00, 201.61 step/s]

[Valid(teacher)][11][UTT] MSE = 0.5650 | LCC = 0.6287 | SRCC = 0.5952 | [SYS][ MSE = 0.1592 | LCC = 0.9706 | SRCC = 0.9289 ]
[Valid(teacher)][11][UTT] GML = 0.315008 | AML = 0.395826 | MoV = 0.429208 | VoV = 0.002417 | [SYS][ GML = 0.0000
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Average loss=0.10873714834451675  
Valid(teacher): 100% 3000/3000 [00:21<00:00, 142.78 step/s]

[Valid(teacher)][20][UTT][ MSE = 0.5087 | LCC = 0.6603 | SRCC = 0.6239 | [SYS][ MSE = 0.0968 | LCC = 0.9766 | SRCC = 0.9200 ]  
[Valid(teacher)][20][UTT][ GML = 0.322932 | AML = 0.428124 | MoV = 0.353528 | VoV = 0.002228 | [SYS][ GML = 0.000009 | AML = 0.502182 | MoV = 0.003988 | VoV = 0.000008 ]  
Train: 100% 845/845 [05:48<00:00, 2.42 step/s]  
Average loss=0.0931224673986435  
Valid(teacher): 100% 3000/3000 [00:18<00:00, 159.99 step/s]

[Valid(teacher)][21][UTT][ MSE = 0.4916 | LCC = 0.6606 | SRCC = 0.6244 | [SYS][ MSE = 0.0727 | LCC = 0.9776 | SRCC = 0.9289 ]  
[Valid(teacher)][21][UTT][ GML = 0.328735 | AML = 0.434829 | MoV = 0.346365 | VoV = 0.002254 | [SYS][ GML = 0.000227 | AML = 0.811578 | MoV = 0.003898 | VoV = 0.000007 ]  
Train: 100% 845/845 [05:33<00:00, 2.53 step/s]  
Average loss=0.08320766687393188  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.70 step/s]

[Valid(teacher)][22][UTT][ MSE = 0.5066 | LCC = 0.6502 | SRCC = 0.6225 | [SYS][ MSE = 0.0044 | LCC = 0.9771 | SRCC = 0.9248 ]  
[Valid(teacher)][22][UTT][ GML = 0.318675 | AML = 0.432976 | MoV = 0.339669 | VoV = 0.002354 | [SYS][ GML = 0.000023 | AML = 0.611067 | MoV = 0.003833 | VoV = 0.000007 ]  
Train: 100% 845/845 [08:20<00:00, 1.69 step/s]  
Average loss=0.07537095248699188  
Valid(teacher): 100% 3000/3000 [00:23<00:00, 129.22 step/s]

[Valid(teacher)][23][UTT][ MSE = 0.5238 | LCC = 0.6548 | SRCC = 0.6190 | [SYS][ MSE = 0.1001 | LCC = 0.9762 | SRCC = 0.9227 ]  
[Valid(teacher)][23][UTT][ GML = 0.308977 | AML = 0.429917 | MoV = 0.335914 | VoV = 0.002396 | [SYS][ GML = 0.000001 | AML = 0.413668 | MoV = 0.003795 | VoV = 0.000007 ]  
Train: 100% 845/845 [06:35<00:00, 2.14 step/s]  
Average loss=0.066042959690094  
Valid(teacher): 100% 3000/3000 [00:20<00:00, 148.56 step/s]

[Valid(teacher)][24][UTT][ MSE = 0.4961 | LCC = 0.6533 | SRCC = 0.6176 | [SYS][ MSE = 0.0623 | LCC = 0.9758 | SRCC = 0.9193 ]  
[Valid(teacher)][24][UTT][ GML = 0.322565 | AML = 0.437458 | MoV = 0.332975 | VoV = 0.002113 | [SYS][ GML = 0.000481 | AML = 0.894665 | MoV = 0.003733 | VoV = 0.000006 ]  
Train: 100% 845/845 [05:37<00:00, 2.50 step/s]  
Average loss=0.04979219660162926  
Valid(teacher): 100% 3000/3000 [00:20<00:00, 146.77 step/s]

[Valid(teacher)][25][UTT][ MSE = 0.4845 | LCC = 0.6551 | SRCC = 0.6201 | [SYS][ MSE = 0.0484 | LCC = 0.9770 | SRCC = 0.9221 ]  
[Valid(teacher)][25][UTT][ GML = 0.327733 | AML = 0.441547 | MoV = 0.329453 | VoV = 0.002089 | [SYS][ GML = 0.003706 | AML = 1.393123 | MoV = 0.003675 | VoV = 0.000006 ]  
Train: 100% 845/845 [05:53<00:00, 2.39 step/s]  
Average loss=0.031608462336792  
Valid(teacher): 100% 3000/3000 [00:21<00:00, 139.80 step/s]

[Valid(teacher)][26][UTT][ MSE = 0.4896 | LCC = 0.6556 | SRCC = 0.6204 | [SYS][ MSE = 0.0547 | LCC = 0.9777 | SRCC = 0.9207 ]  
[Valid(teacher)][26][UTT][ GML = 0.322751 | AML = 0.442247 | MoV = 0.322917 | VoV = 0.002059 | [SYS][ GML = 0.001133 | AML = 1.110637 | MoV = 0.003608 | VoV = 0.000006 ]  
Train: 100% 845/845 [05:27<00:00, 2.50 step/s]  
Average loss=0.022312471643090248  
Valid(teacher): 100% 3000/3000 [00:24<00:00, 124.59 step/s]

[Valid(teacher)][27][UTT][ MSE = 0.4773 | LCC = 0.6548 | SRCC = 0.6206 | [SYS][ MSE = 0.0347 | LCC = 0.9768 | SRCC = 0.9179 ]  
[Valid(teacher)][27][UTT][ GML = 0.327091 | AML = 0.447359 | MoV = 0.317279 | VoV = 0.002134 | [SYS][ GML = 0.024972 | AML = 2.191220 | MoV = 0.003534 | VoV = 0.000005 ]  
Train: 100% 845/845 [04:05<00:00, 3.44 step/s]  
Average loss=0.008591525256633759  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.01 step/s]

[Valid(teacher)][28][UTT][ MSE = 0.4855 | LCC = 0.6530 | SRCC = 0.6197 | [SYS][ MSE = 0.0414 | LCC = 0.9772 | SRCC = 0.9179 ]  
[Valid(teacher)][28][UTT][ GML = 0.320231 | AML = 0.446336 | MoV = 0.311537 | VoV = 0.002126 | [SYS][ GML = 0.007993 | AML = 1.664061 | MoV = 0.003477 | VoV = 0.000005 ]  
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]  
Average loss=0.0002659018791746348  
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.98 step/s]

[Valid(teacher)][29][UTT][ MSE = 0.4897 | LCC = 0.6518 | SRCC = 0.6182 | [SYS][ MSE = 0.0454 | LCC = 0.9772 | SRCC = 0.9138 ]  
[Valid(teacher)][29][UTT][ GML = 0.317301 | AML = 0.445620 | MoV = 0.308553 | VoV = 0.002020 | [SYS][ GML = 0.003665 | AML = 1.454713 | MoV = 0.003439 | VoV = 0.000005 ]  
Train: 100% 845/845 [07:35<00:00, 1.85 step/s]  
Average loss=-0.017190467566251755  
Valid(teacher): 100% 3000/3000 [00:27<00:00, 110.03 step/s]

[Valid(teacher)][30][UTT][ MSE = 0.4913 | LCC = 0.6513 | SRCC = 0.6183 | [SYS][ MSE = 0.0465 | LCC = 0.9774 | SRCC = 0.9234 ]  
[Valid(teacher)][30][UTT][ GML = 0.314811 | AML = 0.446513 | MoV = 0.304580 | VoV = 0.001965 | [SYS][ GML = 0.003265 | AML = 1.270190 | MoV = 0.003392 | VoV = 0.000005 ]  
Train: 100% 845/845 [06:06<00:00, 2.31 step/s]  
Average loss=-0.02311402980433838  
Valid(teacher): 100% 3000/3000 [00:20<00:00, 145.35 step/s]

[Valid(teacher)][31][UTT][ MSE = 0.4945 | LCC = 0.6499 | SRCC = 0.6176 | [SYS][ MSE = 0.0459 | LCC = 0.9770 | SRCC = 0.9179 ]  
[Valid(teacher)][31][UTT][ GML = 0.311052 | AML = 0.446844 | MoV = 0.300824 | VoV = 0.002045 | [SYS][ GML = 0.002995 | AML = 1.229183 | MoV = 0.003346 | VoV = 0.000005 ]  
Train: 100% 845/845 [05:17<00:00, 2.66 step/s]  
Average loss=-0.032567042857408524  
Valid(teacher): 100% 3000/3000 [00:24<00:00, 122.16 step/s]

[Valid(teacher)][32][UTT][ MSE = 0.4967 | LCC = 0.6446 | SRCC = 0.6141 | [SYS][ MSE = 0.0361 | LCC = 0.9742 | SRCC = 0.9132 ]  
[Valid(teacher)][32][UTT][ GML = 0.308127 | AML = 0.447699 | MoV = 0.295925 | VoV = 0.002036 | [SYS][ GML = 0.012984 | AML = 1.843482 | MoV = 0.003286 | VoV = 0.000005 ]  
Train: 100% 845/845 [05:19<00:00, 2.65 step/s]  
Average loss=-0.040137097239494324  
Valid(teacher): 100% 3000/3000 [00:16<00:00, 179.81 step/s]

[Valid(teacher)][33][UTT][ MSE = 0.4988 | LCC = 0.6452 | SRCC = 0.6151 | [SYS][ MSE = 0.0404 | LCC = 0.9760 | SRCC = 0.9159 ]  
[Valid(teacher)][33][UTT][ GML = 0.305495 | AML = 0.448147 | MoV = 0.292721 | VoV = 0.001978 | [SYS][ GML = 0.006148 | AML = 1.234548 | MoV = 0.003252 | VoV = 0.000005 ]  
Train: 100% 845/845 [05:28<00:00, 2.63 step/s]  
Average loss=-0.053953420370817184  
Valid(teacher): 100% 3000/3000 [00:22<00:00, 135.62 step/s]

[Valid(teacher)][34][UTT][ MSE = 0.5060 | LCC = 0.6423 | SRCC = 0.6134 | [SYS][ MSE = 0.0443 | LCC = 0.9742 | SRCC = 0.9159 ]  
[Valid(teacher)][34][UTT][ GML = 0.299433 | AML = 0.447400 | MoV = 0.289408 | VoV = 0.001943 | [SYS][ GML = 0.002817 | AML = 1.081530 | MoV = 0.003217 | VoV = 0.000005 ]  
Train: 100% 845/845 [04:52<00:00, 2.88 step/s]  
Average loss=-0.060590341687202454  
Valid(teacher): 100% 3000/3000 [00:19<00:00, 156.65 step/s]

[Valid(teacher)][35][UTT][ MSE = 0.4989 | LCC = 0.6410 | SRCC = 0.6125 | [SYS][ MSE = 0.0339 | LCC = 0.9728 | SRCC = 0.9179 ]  
[Valid(teacher)][35][UTT][ GML = 0.302099 | AML = 0.450515 | MoV = 0.286275 | VoV = 0.001934 | [SYS][ GML = 0.019045 | AML = 2.131401 | MoV = 0.003176 | VoV = 0.000004 ]  
Train: 100% 845/845 [03:43<00:00, 3.77 step/s]  
Average loss=-0.06890828162431717  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 190.36 step/s]

[Valid(teacher)][36][UTT][ MSE = 0.5071 | LCC = 0.6374 | SRCC = 0.6106 | [SYS][ MSE = 0.0364 | LCC = 0.9700 | SRCC = 0.9111 ]  
[Valid(teacher)][36][UTT][ GML = 0.295079 | AML = 0.449288 | MoV = 0.282168 | VoV = 0.001949 | [SYS][ GML = 0.010743 | AML = 1.921921 | MoV = 0.003132 | VoV = 0.000004 ]  
Train: 100% 845/845 [03:41<00:00, 3.81 step/s]  
Average loss=-0.07816722989082336  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 190.96 step/s]

[Valid(teacher)][37][UTT][ MSE = 0.5054 | LCC = 0.6347 | SRCC = 0.6090 | [SYS][ MSE = 0.0290 | LCC = 0.9672 | SRCC = 0.9084 ]  
[Valid(teacher)][37][UTT][ GML = 0.294237 | AML = 0.451356 | MoV = 0.277735 | VoV = 0.001913 | [SYS][ GML = 0.042589 | AML = 3.164179 | MoV = 0.003076 | VoV = 0.000004 ]  
Train: 100% 845/845 [05:36<00:00, 2.51 step/s]  
Average loss=-0.08689521253108978  
Valid(teacher): 100% 3000/3000 [00:27<00:00, 107.74 step/s]

[Valid(teacher)][38][UTT][ MSE = 0.5089 | LCC = 0.6327 | SRCC = 0.6072 | [SYS][ MSE = 0.0299 | LCC = 0.9658 | SRCC = 0.9091 ]  
[Valid(teacher)][38][UTT][ GML = 0.290719 | AML = 0.451302 | MoV = 0.275243 | VoV = 0.001963 | [SYS][ GML = 0.032893 | AML = 3.186421 | MoV = 0.003049 | VoV = 0.000004 ]  
Train: 100% 845/845 [07:27<00:00, 1.89 step/s]  
Average loss=-0.10339786112308502  
Valid(teacher): 100% 3000/3000 [00:22<00:00, 135.86 step/s]

[Valid(teacher)][39][UTT][ MSE = 0.5090 | LCC = 0.6341 | SRCC = 0.6091 | [SYS][ MSE = 0.0328 | LCC = 0.9671 | SRCC = 0.9125 ]  
[Valid(teacher)][39][UTT][ GML = 0.287652 | AML = 0.452225 | MoV = 0.271011 | VoV = 0.002038 | [SYS][ GML = 0.019433 | AML = 2.731700 | MoV = 0.003009 | VoV = 0.000004 ]  
Train: 100% 845/845 [05:49<00:00, 2.42 step/s]  
Average loss=-0.1066136360168457  
Valid(teacher): 100% 3000/3000 [00:21<00:00, 138.56 step/s]

[Valid(teacher)][40][UTT][ MSE = 0.5160 | LCC = 0.6328 | SRCC = 0.6092 | [SYS][ MSE = 0.0337 | LCC = 0.9666 | SRCC = 0.9173 ]  
[Valid(teacher)][40][UTT][ GML = 0.280711 | AML = 0.451590 | MoV = 0.267419 | VoV = 0.002088 | [SYS][ GML = 0.014049 | AML = 2.406901 | MoV = 0.002969 | VoV = 0.000004 ]  
Train: 100% 845/845 [05:13<00:00, 2.26 step/s]  
Average loss=-0.12097291648387909  
Valid(teacher): 100% 3000/3000 [00:25<00:00, 116.51 step/s]

[Valid(teacher)][41][UTT][ MSE = 0.5182 | LCC = 0.6354 | SRCC = 0.6107 | [SYS][ MSE = 0.0414 | LCC = 0.9709 | SRCC = 0.9241 ]  
[Valid(teacher)][41][UTT][ GML = 0.276773 | AML = 0.452406 | MoV = 0.264296 | VoV = 0.002136 | [SYS][ GML = 0.002591 | AML = 1.019212 | MoV = 0.002938 | VoV = 0.000004 ]  
Train: 100% 845/845 [04:19<00:00, 3.25 step/s]  
Average loss=-0.12965093553066254  
Valid(teacher): 100% 3000/3000 [00:16<00:00, 179.22 step/s]

[Valid(teacher)][42][UTT][ MSE = 0.5118 | LCC = 0.6366 | SRCC = 0.6121 | [SYS][ MSE = 0.0343 | LCC = 0.9705 | SRCC = 0.9166 ]  
[Valid(teacher)][42][UTT][ GML = 0.279025 | AML = 0.454602 | MoV = 0.262130 | VoV = 0.002118 | [SYS][ GML = 0.011347 | AML = 2.057319 | MoV = 0.002907 | VoV = 0.000004 ]  
Train: 100% 845/845 [03:49<00:00, 3.69 step/s]  
Average loss=-0.14205649495124817  
Valid(teacher): 100% 3000/3000 [00:15<00:00, 188.31 step/s]

[Valid(teacher)][43][UTT][ MSE = 0.5091 | LCC = 0.6356 | SRCC = 0.6113 | [SYS][ MSE = 0.0281 | LCC = 0.9680 | SRCC = 0.9241 ]  
[Valid(teacher)][43][UTT][ GML = 0.278936 | AML = 0.456876 | MoV = 0.258350 | VoV = 0.002102 | [SYS][ GML = 0.038554 | AML = 3.194141 | MoV = 0.002860 | VoV = 0.000004 ]

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Train: 100% 845/845 [03:53<00:00, 3.61 step/s]
Average loss=-0.15038925409317017
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.80 step/s]

[Valid(teacher)][44][UTT][ MSE = 0.5124 | LCC = 0.6337 | SRCC = 0.6101 | [SYS][ MSE = 0.0271 | LCC = 0.9662 | SRCC = 0.9193 ]
[Valid(teacher)][44][UTT][ GML = 0.274943 | AML = 0.457809 | MoV = 0.253937 | VoV = 0.002005 | [SYS][ GML = 0.041068 | AML = 2.901140 | MoV = 0.002807 | VoV = 0.000003 ]
Train: 100% 845/845 [03:41<00:00, 3.81 step/s]
Average loss=-0.1600731296387482
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.68 step/s]

[Valid(teacher)][45][UTT][ MSE = 0.5121 | LCC = 0.6343 | SRCC = 0.6101 | [SYS][ MSE = 0.0299 | LCC = 0.9685 | SRCC = 0.9214 ]
[Valid(teacher)][45][UTT][ GML = 0.273064 | AML = 0.458362 | MoV = 0.252053 | VoV = 0.002029 | [SYS][ GML = 0.024491 | AML = 2.822339 | MoV = 0.002790 | VoV = 0.000003 ]
Train: 100% 845/845 [03:28<00:00, 4.05 step/s]
Average loss=-0.16527687013149261
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.69 step/s]

[Valid(teacher)][46][UTT][ MSE = 0.5160 | LCC = 0.6331 | SRCC = 0.6100 | [SYS][ MSE = 0.0262 | LCC = 0.9677 | SRCC = 0.9234 ]
[Valid(teacher)][46][UTT][ GML = 0.268414 | AML = 0.458613 | MoV = 0.247605 | VoV = 0.001959 | [SYS][ GML = 0.041109 | AML = 3.104569 | MoV = 0.002733 | VoV = 0.000003 ]
Train: 100% 845/845 [06:10<00:00, 2.28 step/s]
Average loss=-0.1762537956237793
Valid(teacher): 100% 3000/3000 [00:25<00:00, 119.39 step/s]

[Valid(teacher)][47][UTT][ MSE = 0.5153 | LCC = 0.6325 | SRCC = 0.6105 | [SYS][ MSE = 0.0261 | LCC = 0.9669 | SRCC = 0.9234 ]
[Valid(teacher)][47][UTT][ GML = 0.268006 | AML = 0.458933 | MoV = 0.244765 | VoV = 0.001894 | [SYS][ GML = 0.047049 | AML = 2.994420 | MoV = 0.002696 | VoV = 0.000003 ]
Train: 100% 845/845 [05:18<00:00, 2.65 step/s]
Average loss=-0.18024712800979614
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.31 step/s]

[Valid(teacher)][48][UTT][ MSE = 0.5126 | LCC = 0.6328 | SRCC = 0.6098 | [SYS][ MSE = 0.0236 | LCC = 0.9704 | SRCC = 0.9303 ]
[Valid(teacher)][48][UTT][ GML = 0.267729 | AML = 0.459834 | MoV = 0.243507 | VoV = 0.001972 | [SYS][ GML = 0.084018 | AML = 3.059215 | MoV = 0.002673 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00, 4.14 step/s]
Average loss=-0.18982605636119843
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.16 step/s]

[Valid(teacher)][49][UTT][ MSE = 0.5253 | LCC = 0.6287 | SRCC = 0.6077 | [SYS][ MSE = 0.0295 | LCC = 0.9645 | SRCC = 0.9255 ]
[Valid(teacher)][49][UTT][ GML = 0.259658 | AML = 0.456674 | MoV = 0.241026 | VoV = 0.001962 | [SYS][ GML = 0.020047 | AML = 2.952407 | MoV = 0.002648 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.20080241560935974
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.41 step/s]

[Valid(teacher)][50][UTT][ MSE = 0.5312 | LCC = 0.6276 | SRCC = 0.6070 | [SYS][ MSE = 0.0324 | LCC = 0.9629 | SRCC = 0.9255 ]
[Valid(teacher)][50][UTT][ GML = 0.254458 | AML = 0.455450 | MoV = 0.238281 | VoV = 0.001907 | [SYS][ GML = 0.008860 | AML = 2.571682 | MoV = 0.002618 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.20735712349414825
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.74 step/s]

[Valid(teacher)][51][UTT][ MSE = 0.5242 | LCC = 0.6273 | SRCC = 0.6066 | [SYS][ MSE = 0.0319 | LCC = 0.9627 | SRCC = 0.9303 ]
[Valid(teacher)][51][UTT][ GML = 0.256230 | AML = 0.457971 | MoV = 0.235767 | VoV = 0.001867 | [SYS][ GML = 0.015220 | AML = 2.616153 | MoV = 0.002598 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]
Average loss=-0.21229732036590576
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.94 step/s]

[Valid(teacher)][52][UTT][ MSE = 0.5231 | LCC = 0.6278 | SRCC = 0.6065 | [SYS][ MSE = 0.0287 | LCC = 0.9646 | SRCC = 0.9289 ]
[Valid(teacher)][52][UTT][ GML = 0.254391 | AML = 0.459205 | MoV = 0.233951 | VoV = 0.001918 | [SYS][ GML = 0.031378 | AML = 2.823441 | MoV = 0.002584 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.22022373974323273
Valid(teacher): 100% 3000/3000 [00:14<00:00, 203.44 step/s]

[Valid(teacher)][53][UTT][ MSE = 0.5355 | LCC = 0.6260 | SRCC = 0.6057 | [SYS][ MSE = 0.0352 | LCC = 0.9610 | SRCC = 0.9289 ]
[Valid(teacher)][53][UTT][ GML = 0.245334 | AML = 0.456473 | MoV = 0.230428 | VoV = 0.001894 | [SYS][ GML = 0.004897 | AML = 2.342205 | MoV = 0.002542 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]
Average loss=-0.23223279416561127
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.01 step/s]

[Valid(teacher)][54][UTT][ MSE = 0.5373 | LCC = 0.6258 | SRCC = 0.6057 | [SYS][ MSE = 0.0350 | LCC = 0.9612 | SRCC = 0.9275 ]
[Valid(teacher)][54][UTT][ GML = 0.242858 | AML = 0.456633 | MoV = 0.228501 | VoV = 0.001862 | [SYS][ GML = 0.004021 | AML = 2.293721 | MoV = 0.002516 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.2339027225971222
Valid(teacher): 100% 3000/3000 [00:14<00:00, 202.36 step/s]

[Valid(teacher)][55][UTT][ MSE = 0.5420 | LCC = 0.6237 | SRCC = 0.6036 | [SYS][ MSE = 0.0392 | LCC = 0.9604 | SRCC = 0.9289 ]
[Valid(teacher)][55][UTT][ GML = 0.239267 | AML = 0.455904 | MoV = 0.226057 | VoV = 0.001807 | [SYS][ GML = 0.001464 | AML = 1.977005 | MoV = 0.002488 | VoV = 0.000003 ]
Train: 100% 845/845 [03:23<00:00, 4.15 step/s]
Average loss=-0.23668181896209717
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.23 step/s]

[Valid(teacher)][56][UTT][ MSE = 0.5438 | LCC = 0.6227 | SRCC = 0.6026 | [SYS][ MSE = 0.0396 | LCC = 0.9581 | SRCC = 0.9289 ]
[Valid(teacher)][56][UTT][ GML = 0.236640 | AML = 0.456326 | MoV = 0.223901 | VoV = 0.001835 | [SYS][ GML = 0.001093 | AML = 1.948383 | MoV = 0.002467 | VoV = 0.000003 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=-0.24120956659317017
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.21 step/s]

[Valid(teacher)][57][UTT][ MSE = 0.5433 | LCC = 0.6239 | SRCC = 0.6044 | [SYS][ MSE = 0.0400 | LCC = 0.9581 | SRCC = 0.9323 ]
[Valid(teacher)][57][UTT][ GML = 0.236718 | AML = 0.457058 | MoV = 0.223847 | VoV = 0.001869 | [SYS][ GML = 0.001193 | AML = 2.003148 | MoV = 0.002464 | VoV = 0.000003 ]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=-0.2607109546661377
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.86 step/s]

[Valid(teacher)][58][UTT][ MSE = 0.5541 | LCC = 0.6250 | SRCC = 0.6062 | [SYS][ MSE = 0.0502 | LCC = 0.9569 | SRCC = 0.9282 ]
[Valid(teacher)][58][UTT][ GML = 0.228390 | AML = 0.455176 | MoV = 0.220084 | VoV = 0.001835 | [SYS][ GML = 0.000071 | AML = 1.173074 | MoV = 0.002421 | VoV = 0.000002 ]
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]
Average loss=-0.2601408782032013
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.90 step/s]

[Valid(teacher)][59][UTT][ MSE = 0.5370 | LCC = 0.6266 | SRCC = 0.6066 | [SYS][ MSE = 0.0371 | LCC = 0.9617 | SRCC = 0.9309 ]
[Valid(teacher)][59][UTT][ GML = 0.235690 | AML = 0.460293 | MoV = 0.218855 | VoV = 0.001867 | [SYS][ GML = 0.002340 | AML = 2.024363 | MoV = 0.002409 | VoV = 0.000002 ]
Train: 100% 845/845 [03:23<00:00, 4.16 step/s]
Average loss=-0.2637360095977783
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.33 step/s]

[Valid(teacher)][60][UTT][ MSE = 0.5567 | LCC = 0.6245 | SRCC = 0.6067 | [SYS][ MSE = 0.0515 | LCC = 0.9577 | SRCC = 0.9371 ]
[Valid(teacher)][60][UTT][ GML = 0.222187 | AML = 0.455554 | MoV = 0.215365 | VoV = 0.001837 | [SYS][ GML = 0.000048 | AML = 1.148038 | MoV = 0.002364 | 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, 189.48 step/s]

[Test(best)][61][UTT][ MSE = 0.4771 | LCC = 0.6777 | SRCC = 0.6421 | [SYS][ MSE = 0.0697 | LCC = 0.9821 | SRCC = 0.9617 ]
[Test(best)][61][UTT][ GML = 0.340675 | AML = 0.437902 | MoV = 0.360853 | VoV = 0.002323 | [SYS][ GML = 0.000038 | AML = 0.558089 | MoV = 0.002963 | VoV = 0.000004 ]
Test(last): 100% 4000/4000 [00:19<00:00, 201.51 step/s]

[Test(last)][61][UTT][ MSE = 0.5622 | LCC = 0.6401 | SRCC = 0.6228 | [SYS][ MSE = 0.0615 | LCC = 0.9619 | SRCC = 0.9651 ]
[Test(last)][61][UTT][ GML = 0.220978 | AML = 0.456261 | MoV = 0.215615 | VoV = 0.001828 | [SYS][ GML = 0.000000 | AML = 0.331151 | MoV = 0.001730 | VoV = 0.000001 ]
(lxygpu) [x_xliangnode012 ProMOSNet]$
```