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xlynpup [x_xliangnode033] python train.py --lamb_c=0 --lamb_t=0 --runs_c=0/run5"
Loading all wav files.
100%[redacted] | 54040/54040 [08:18-00:00, 108.47it/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 [01:49-00:00, 27.33it/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 [02:26-00:00, 27.34it/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 [03:32-00:00, 3.98 step/s]
Average loss=8304.296875
Valid(teacher): 100% 3000/3000 [00:16-00:00, 179.39 step/s]

[Valid(teacher)][0][UTT] MSE = 1.4552 | LCC = 0.4864 | SRCC = 0.4717 | [SYS] MSE = 1.1815 | LCC = 0.8079 | SRCC = 0.8338 |
[Valid(teacher)][0][UTT] GML = 0.132613 | AML = 0.261615 | MoV = 0.517977 | VoV = 0.007479 | [SYS] GML = 0.000000 | AML = 0.000000 | MoV = 0.006022 | VoV = 0.000025 |
Train: 100% 845/845 [03:28-00:00, 4.06 step/s]
Average loss=0.25049206614494324
Valid(teacher): 100% 3000/3000 [00:15-00:00, 190.38 step/s]

[Valid(teacher)][1][UTT] MSE = 0.7112 | LCC = 0.5576 | SRCC = 0.5268 | [SYS] MSE = 0.2200 | LCC = 0.8859 | SRCC = 0.8660 |
[Valid(teacher)][1][UTT] GML = 0.287296 | AML = 0.343836 | MoV = 0.627422 | VoV = 0.003378 | [SYS] GML = 0.000000 | AML = 0.289247 | MoV = 0.007219 | VoV = 0.000031 |
Train: 100% 845/845 [03:29-00:00, 4.04 step/s]
Average loss=0.2093881517648697
Valid(teacher): 100% 3000/3000 [00:15-00:00, 194.58 step/s]

[Valid(teacher)][2][UTT] MSE = 0.5441 | LCC = 0.5958 | SRCC = 0.5584 | [SYS] MSE = 0.0682 | LCC = 0.9218 | SRCC = 0.8769 |
[Valid(teacher)][2][UTT] GML = 0.328779 | AML = 0.379795 | MoV = 0.563755 | VoV = 0.003547 | [SYS] GML = 0.005091 | AML = 1.892833 | MoV = 0.006449 | VoV = 0.000023 |
Train: 100% 845/845 [03:29-00:00, 4.04 step/s]
Average loss=0.183918759226799
Valid(teacher): 100% 3000/3000 [00:15-00:00, 190.39 step/s]

[Valid(teacher)][3][UTT] MSE = 0.5306 | LCC = 0.6027 | SRCC = 0.5659 | [SYS] MSE = 0.0626 | LCC = 0.9365 | SRCC = 0.8756 |
[Valid(teacher)][3][UTT] GML = 0.329562 | AML = 0.388298 | MoV = 0.525505 | VoV = 0.003935 | [SYS] GML = 0.020743 | AML = 1.457198 | MoV = 0.005972 | VoV = 0.000019 |
Train: 100% 845/845 [03:28-00:00, 4.05 step/s]
Average loss=0.1703551560640335
Valid(teacher): 100% 3000/3000 [00:15-00:00, 193.78 step/s]

[Valid(teacher)][4][UTT] MSE = 0.5483 | LCC = 0.6207 | SRCC = 0.5798 | [SYS] MSE = 0.1146 | LCC = 0.9526 | SRCC = 0.9043 |
[Valid(teacher)][4][UTT] GML = 0.320464 | AML = 0.389029 | MoV = 0.500003 | VoV = 0.005168 | [SYS] GML = 0.000199 | AML = 0.686679 | MoV = 0.005723 | VoV = 0.000018 |
Train: 100% 845/845 [03:28-00:00, 4.05 step/s]
Average loss=0.15160223841667175
Valid(teacher): 100% 3000/3000 [00:15-00:00, 195.95 step/s]

[Valid(teacher)][5][UTT] MSE = 0.5231 | LCC = 0.6252 | SRCC = 0.5836 | [SYS] MSE = 0.0832 | LCC = 0.9556 | SRCC = 0.9104 |
[Valid(teacher)][5][UTT] GML = 0.329109 | AML = 0.396147 | MoV = 0.490725 | VoV = 0.004783 | [SYS] GML = 0.003312 | AML = 1.050012 | MoV = 0.005587 | VoV = 0.000017 |
Train: 100% 845/845 [03:29-00:00, 4.03 step/s]
Average loss=0.14061132073402405
Valid(teacher): 100% 3000/3000 [00:15-00:00, 196.74 step/s]

[Valid(teacher)][6][UTT] MSE = 0.5296 | LCC = 0.6280 | SRCC = 0.5873 | [SYS] MSE = 0.0897 | LCC = 0.9601 | SRCC = 0.9111 |
[Valid(teacher)][6][UTT] GML = 0.325708 | AML = 0.397894 | MoV = 0.475737 | VoV = 0.004694 | [SYS] GML = 0.001071 | AML = 0.888799 | MoV = 0.005403 | VoV = 0.000015 |
Train: 100% 845/845 [03:29-00:00, 4.04 step/s]
Average loss=0.1247839480638504
Valid(teacher): 100% 3000/3000 [00:16-00:00, 185.94 step/s]

[Valid(teacher)][7][UTT] MSE = 0.5299 | LCC = 0.6293 | SRCC = 0.5904 | [SYS] MSE = 0.0885 | LCC = 0.9642 | SRCC = 0.9248 |
[Valid(teacher)][7][UTT] GML = 0.325222 | AML = 0.400868 | MoV = 0.461569 | VoV = 0.004408 | [SYS] GML = 0.000847 | AML = 0.640921 | MoV = 0.005228 | VoV = 0.000014 |
Train: 100% 845/845 [03:28-00:00, 4.04 step/s]
Average loss=0.11798615753650665
Valid(teacher): 100% 3000/3000 [00:15-00:00, 194.76 step/s]

[Valid(teacher)][8][UTT] MSE = 0.5579 | LCC = 0.6318 | SRCC = 0.5934 | [SYS] MSE = 0.1189 | LCC = 0.9680 | SRCC = 0.9268 |
[Valid(teacher)][8][UTT] GML = 0.312938 | AML = 0.398552 | MoV = 0.445758 | VoV = 0.004692 | [SYS] GML = 0.000013 | AML = 0.377247 | MoV = 0.005039 | VoV = 0.000013 |
Train: 100% 845/845 [03:29-00:00, 4.04 step/s]
Average loss=0.10642539709806442
Valid(teacher): 100% 3000/3000 [00:15-00:00, 195.39 step/s]

[Valid(teacher)][9][UTT] MSE = 0.6203 | LCC = 0.6323 | SRCC = 0.5955 | [SYS] MSE = 0.1866 | LCC = 0.9714 | SRCC = 0.9234 |
[Valid(teacher)][9][UTT] GML = 0.287872 | AML = 0.389161 | MoV = 0.428294 | VoV = 0.004935 | [SYS] GML = 0.000000 | AML = 0.113919 | MoV = 0.004872 | VoV = 0.000013 |
Train: 100% 845/845 [03:28-00:00, 4.05 step/s]
Average loss=0.09530716389417648
Valid(teacher): 100% 3000/3000 [00:15-00:00, 190.39 step/s]

[Valid(teacher)][10][UTT] MSE = 0.6898 | LCC = 0.6292 | SRCC = 0.5940 | [SYS] MSE = 0.2549 | LCC = 0.9731 | SRCC = 0.9268 |
[Valid(teacher)][10][UTT] GML = 0.260644 | AML = 0.378450 | MoV = 0.410736 | VoV = 0.004951 | [SYS] GML = 0.000000 | AML = 0.009024 | MoV = 0.004703 | VoV = 0.000012 |
Train: 100% 845/845 [03:29-00:00, 4.03 step/s]
Average loss=0.0809596244049072
Valid(teacher): 100% 3000/3000 [00:15-00:00, 196.84 step/s]

[Valid(teacher)][11][UTT] MSE = 0.7532 | LCC = 0.6270 | SRCC = 0.5946 | [SYS] MSE = 0.3233 | LCC = 0.9740 | SRCC = 0.9316 |
[Valid(teacher)][11][UTT] GML = 0.237417 | AML = 0.368410 | MoV = 0.395227 | VoV = 0.004602 | [SYS] GML = 0.000000 | AML = 0.001190 | MoV = 0.004546 | VoV = 0.000012 |
Train: 100% 845/845 [03:29-00:00, 4.0
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Average loss=0.0028024560306221247
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.13 step/s]

[Valid(teacher)][20][UTT][MSE = 0.7617 | LCC = 0.6175 | SRCC = 0.5897 | [SYS][MSE = 0.3060 | LCC = 0.9765 | SRCC = 0.9296]
[Valid(teacher)][20][UTT][GML = 0.214589 | AML = 0.376780 | MoV = 0.337287 | VoV = 0.003106 | [SYS][GML = 0.000000 | AML = 0.001369 | MoV = 0.003870 | VoV = 0.000008]
Train: 100% 845/845 [03:26<00:00, 4.10 step/s]
Average loss=-0.01211873535066843
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.97 step/s]

[Valid(teacher)][21][UTT][MSE = 0.7539 | LCC = 0.6168 | SRCC = 0.5887 | [SYS][MSE = 0.2921 | LCC = 0.9778 | SRCC = 0.9275]
[Valid(teacher)][21][UTT][GML = 0.213734 | AML = 0.379559 | MoV = 0.330964 | VoV = 0.003083 | [SYS][GML = 0.000000 | AML = 0.001384 | MoV = 0.003792 | VoV = 0.000008]
Train: 100% 845/845 [03:28<00:00, 4.06 step/s]
Average loss=-0.015857230871915817
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.42 step/s]

[Valid(teacher)][22][UTT][MSE = 0.7716 | LCC = 0.6123 | SRCC = 0.5851 | [SYS][MSE = 0.3061 | LCC = 0.9783 | SRCC = 0.9248]
[Valid(teacher)][22][UTT][GML = 0.205144 | AML = 0.376764 | MoV = 0.325077 | VoV = 0.002981 | [SYS][GML = 0.000000 | AML = 0.000948 | MoV = 0.003726 | VoV = 0.000008]
Train: 100% 845/845 [03:27<00:00, 4.07 step/s]
Average loss=-0.02572671668920517
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.68 step/s]

[Valid(teacher)][23][UTT][MSE = 0.7485 | LCC = 0.6129 | SRCC = 0.5838 | [SYS][MSE = 0.2752 | LCC = 0.9791 | SRCC = 0.9344]
[Valid(teacher)][23][UTT][GML = 0.209040 | AML = 0.383040 | MoV = 0.319780 | VoV = 0.003063 | [SYS][GML = 0.000000 | AML = 0.004016 | MoV = 0.003655 | VoV = 0.000007]
Train: 100% 845/845 [03:27<00:00, 4.08 step/s]
Average loss=-0.03435806930065155
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.19 step/s]

[Valid(teacher)][24][UTT][MSE = 0.7139 | LCC = 0.6145 | SRCC = 0.5842 | [SYS][MSE = 0.2377 | LCC = 0.9797 | SRCC = 0.9446]
[Valid(teacher)][24][UTT][GML = 0.219237 | AML = 0.391769 | MoV = 0.316508 | VoV = 0.002890 | [SYS][GML = 0.000000 | AML = 0.024586 | MoV = 0.003608 | VoV = 0.000007]
Train: 100% 845/845 [03:27<00:00, 4.07 step/s]
Average loss=-0.038973815739154816
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.51 step/s]

[Valid(teacher)][25][UTT][MSE = 0.7187 | LCC = 0.6126 | SRCC = 0.5818 | [SYS][MSE = 0.2369 | LCC = 0.9806 | SRCC = 0.9426]
[Valid(teacher)][25][UTT][GML = 0.213562 | AML = 0.392083 | MoV = 0.311182 | VoV = 0.003003 | [SYS][GML = 0.000000 | AML = 0.014078 | MoV = 0.003550 | VoV = 0.000007]
Train: 100% 845/845 [03:27<00:00, 4.06 step/s]
Average loss=-0.051771797239780426
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.72 step/s]

[Valid(teacher)][26][UTT][MSE = 0.7090 | LCC = 0.6130 | SRCC = 0.5816 | [SYS][MSE = 0.2252 | LCC = 0.9809 | SRCC = 0.9474]
[Valid(teacher)][26][UTT][GML = 0.214262 | AML = 0.395787 | MoV = 0.305152 | VoV = 0.002810 | [SYS][GML = 0.000000 | AML = 0.016803 | MoV = 0.003480 | VoV = 0.000006]
Train: 100% 845/845 [03:28<00:00, 4.06 step/s]
Average loss=-0.05905289947986603
Valid(teacher): 100% 3000/3000 [00:16<00:00, 181.21 step/s]

[Valid(teacher)][27][UTT][MSE = 0.6834 | LCC = 0.6118 | SRCC = 0.5799 | [SYS][MSE = 0.1953 | LCC = 0.9807 | SRCC = 0.9474]
[Valid(teacher)][27][UTT][GML = 0.223174 | AML = 0.402200 | MoV = 0.303192 | VoV = 0.002642 | [SYS][GML = 0.000000 | AML = 0.048467 | MoV = 0.003450 | VoV = 0.000006]
Train: 100% 845/845 [03:28<00:00, 4.05 step/s]
Average loss=-0.06655488908290863
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.42 step/s]

[Valid(teacher)][28][UTT][MSE = 0.6664 | LCC = 0.6124 | SRCC = 0.5801 | [SYS][MSE = 0.1765 | LCC = 0.9804 | SRCC = 0.9474]
[Valid(teacher)][28][UTT][GML = 0.227730 | AML = 0.407580 | MoV = 0.300034 | VoV = 0.002661 | [SYS][GML = 0.000000 | AML = 0.090598 | MoV = 0.003405 | VoV = 0.000006]
Train: 100% 845/845 [03:28<00:00, 4.05 step/s]
Average loss=-0.07870955020189285
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.19 step/s]

[Valid(teacher)][29][UTT][MSE = 0.6758 | LCC = 0.6111 | SRCC = 0.5784 | [SYS][MSE = 0.1870 | LCC = 0.9799 | SRCC = 0.9467]
[Valid(teacher)][29][UTT][GML = 0.219518 | AML = 0.406354 | MoV = 0.294309 | VoV = 0.002747 | [SYS][GML = 0.000000 | AML = 0.096058 | MoV = 0.003352 | VoV = 0.000006]
Train: 100% 845/845 [03:29<00:00, 4.04 step/s]
Average loss=-0.08442803472280502
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.36 step/s]

[Valid(teacher)][30][UTT][MSE = 0.6961 | LCC = 0.6086 | SRCC = 0.5768 | [SYS][MSE = 0.2054 | LCC = 0.9798 | SRCC = 0.9426]
[Valid(teacher)][30][UTT][GML = 0.205812 | AML = 0.402857 | MoV = 0.286825 | VoV = 0.002826 | [SYS][GML = 0.000000 | AML = 0.040343 | MoV = 0.003287 | VoV = 0.000006]
Train: 100% 845/845 [03:29<00:00, 4.04 step/s]
Average loss=-0.08932065963745117
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.54 step/s]

[Valid(teacher)][31][UTT][MSE = 0.7026 | LCC = 0.6105 | SRCC = 0.5786 | [SYS][MSE = 0.2138 | LCC = 0.9809 | SRCC = 0.9508]
[Valid(teacher)][31][UTT][GML = 0.199021 | AML = 0.402156 | MoV = 0.281408 | VoV = 0.002961 | [SYS][GML = 0.000000 | AML = 0.024037 | MoV = 0.003234 | VoV = 0.000006]
Train: 100% 845/845 [03:28<00:00, 4.06 step/s]
Average loss=-0.09998945146799088
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.07 step/s]

[Valid(teacher)][32][UTT][MSE = 0.7036 | LCC = 0.6091 | SRCC = 0.5770 | [SYS][MSE = 0.2107 | LCC = 0.9803 | SRCC = 0.9460]
[Valid(teacher)][32][UTT][GML = 0.195254 | AML = 0.403008 | MoV = 0.276980 | VoV = 0.002963 | [SYS][GML = 0.000000 | AML = 0.034685 | MoV = 0.003182 | VoV = 0.000006]
Train: 100% 845/845 [03:28<00:00, 4.06 step/s]
Average loss=-0.10034880042076111
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.00 step/s]

[Valid(teacher)][33][UTT][MSE = 0.6758 | LCC = 0.6100 | SRCC = 0.5775 | [SYS][MSE = 0.1841 | LCC = 0.9802 | SRCC = 0.9521]
[Valid(teacher)][33][UTT][GML = 0.206102 | AML = 0.410365 | MoV = 0.275538 | VoV = 0.002804 | [SYS][GML = 0.000000 | AML = 0.082633 | MoV = 0.003155 | VoV = 0.000005]
Train: 100% 845/845 [03:29<00:00, 4.03 step/s]
Average loss=-0.11143294712841812
Valid(teacher): 100% 3000/3000 [00:15<00:00, 190.74 step/s]

[Valid(teacher)][34][UTT][MSE = 0.6668 | LCC = 0.6094 | SRCC = 0.5763 | [SYS][MSE = 0.1733 | LCC = 0.9803 | SRCC = 0.9467]
[Valid(teacher)][34][UTT][GML = 0.208277 | AML = 0.413740 | MoV = 0.273247 | VoV = 0.002688 | [SYS][GML = 0.000000 | AML = 0.095798 | MoV = 0.003130 | VoV = 0.000005]
Train: 100% 845/845 [03:28<00:00, 4.05 step/s]
Average loss=-0.12713654339313507
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.80 step/s]

[Valid(teacher)][35][UTT][MSE = 0.6711 | LCC = 0.6094 | SRCC = 0.5773 | [SYS][MSE = 0.1792 | LCC = 0.9802 | SRCC = 0.9405]
[Valid(teacher)][35][UTT][GML = 0.203142 | AML = 0.413989 | MoV = 0.267706 | VoV = 0.002523 | [SYS][GML = 0.000000 | AML = 0.075474 | MoV = 0.003070 | VoV = 0.000005]
Train: 100% 845/845 [03:27<00:00, 4.08 step/s]
Average loss=-0.12244705110788345
Valid(teacher): 100% 3000/3000 [00:15<00:00, 190.72 step/s]

[Valid(teacher)][36][UTT][MSE = 0.6277 | LCC = 0.6125 | SRCC = 0.5794 | [SYS][MSE = 0.1371 | LCC = 0.9803 | SRCC = 0.9453]
[Valid(teacher)][36][UTT][GML = 0.222506 | AML = 0.424802 | MoV = 0.268273 | VoV = 0.002437 | [SYS][GML = 0.000000 | AML = 0.196836 | MoV = 0.003057 | VoV = 0.000005]
Train: 100% 845/845 [03:27<00:00, 4.06 step/s]
Average loss=-0.13717766106128693
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.04 step/s]

[Valid(teacher)][37][UTT][MSE = 0.6419 | LCC = 0.6115 | SRCC = 0.5790 | [SYS][MSE = 0.1520 | LCC = 0.9804 | SRCC = 0.9521]
[Valid(teacher)][37][UTT][GML = 0.211251 | AML = 0.422586 | MoV = 0.261935 | VoV = 0.002512 | [SYS][GML = 0.000000 | AML = 0.169354 | MoV = 0.002993 | VoV = 0.000005]
Train: 100% 845/845 [03:27<00:00, 4.07 step/s]
Average loss=-0.13821686804294586
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.77 step/s]

[Valid(teacher)][38][UTT][MSE = 0.6107 | LCC = 0.6114 | SRCC = 0.5782 | [SYS][MSE = 0.1194 | LCC = 0.9795 | SRCC = 0.9467]
[Valid(teacher)][38][UTT][GML = 0.227405 | AML = 0.430279 | MoV = 0.262855 | VoV = 0.002312 | [SYS][GML = 0.000000 | AML = 0.239492 | MoV = 0.002987 | VoV = 0.000005]
Train: 100% 845/845 [03:27<00:00, 4.08 step/s]
Average loss=-0.15078911185264587
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.12 step/s]

[Valid(teacher)][39][UTT][MSE = 0.6443 | LCC = 0.6085 | SRCC = 0.5760 | [SYS][MSE = 0.1502 | LCC = 0.9795 | SRCC = 0.9453]
[Valid(teacher)][39][UTT][GML = 0.205473 | AML = 0.422246 | MoV = 0.255780 | VoV = 0.002409 | [SYS][GML = 0.000000 | AML = 0.173775 | MoV = 0.002925 | VoV = 0.000005]
Train: 100% 845/845 [03:27<00:00, 4.06 step/s]
Average loss=-0.15704962611198425
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.95 step/s]

[Valid(teacher)][40][UTT][MSE = 0.6371 | LCC = 0.6092 | SRCC = 0.5765 | [SYS][MSE = 0.1439 | LCC = 0.9797 | SRCC = 0.9467]
[Valid(teacher)][40][UTT][GML = 0.204885 | AML = 0.424919 | MoV = 0.252524 | VoV = 0.002480 | [SYS][GML = 0.000000 | AML = 0.209720 | MoV = 0.002891 | VoV = 0.000005]
Train: 100% 845/845 [03:29<00:00, 4.03 step/s]
Average loss=-0.16227617859840393
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.38 step/s]

[Valid(teacher)][41][UTT][MSE = 0.6054 | LCC = 0.6111 | SRCC = 0.5779 | [SYS][MSE = 0.1124 | LCC = 0.9792 | SRCC = 0.9528]
[Valid(teacher)][41][UTT][GML = 0.219037 | AML = 0.434427 | MoV = 0.251725 | VoV = 0.002328 | [SYS][GML = 0.000000 | AML = 0.237592 | MoV = 0.002869 | VoV = 0.000004]
Train: 100% 845/845 [03:28<00:00, 4.05 step/s]
Average loss=-0.16994729638089967
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.83 step/s]

[Valid(teacher)][42][UTT][MSE = 0.5957 | LCC = 0.6099 | SRCC = 0.5761 | [SYS][MSE = 0.0987 | LCC = 0.9792 | SRCC = 0.9528]
[Valid(teacher)][42][UTT][GML = 0.221765 | AML = 0.438938 | MoV = 0.248878 | VoV = 0.002219 | [SYS][GML = 0.000000 | AML = 0.159579 | MoV = 0.002825 | VoV = 0.000004]
Train: 100% 845/845 [03:28<00:00, 4.06 step/s]
Average loss=-0.17798881232738495
Valid(teacher): 100% 3000/3000 [00:15<00:00, 190.24 step/s]

[Valid(teacher)][43][UTT][MSE = 0.5855 | LCC = 0.6097 | SRCC = 0.5753 | [SYS][MSE = 0.0870 | LCC = 0.9791 | SRCC = 0.9501]
[Valid(teacher)][43][UTT][GML = 0.225831 | AML = 0.442644 | MoV = 0.246040 | VoV = 0.002121 | [SYS][GML = 0.000000 | AML = 0.124636 | MoV = 0.002787 | VoV = 0.000004]

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Train: 100% 845/845 [03:28<00:00, 4.06 step/s]
Average loss=-0.18082115054130554
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.24 step/s]

[Valid(teacher)][44][UTT][ MSE = 0.5750 | LCC = 0.6117 | SRCC = 0.5771 ] [SYS][ MSE = 0.0792 | LCC = 0.9790 | SRCC = 0.9535 ]
[Valid(teacher)][44][UTT][ GML = 0.228573 | AML = 0.445605 | MoV = 0.243599 | VoV = 0.002097 ] [SYS][ GML = 0.000001 | AML = 0.106626 | MoV = 0.002760 | VoV = 0.000004 ]
Train: 100% 845/845 [03:28<00:00, 4.04 step/s]
Average loss=-0.19165432094008356
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.83 step/s]

[Valid(teacher)][45][UTT][ MSE = 0.5582 | LCC = 0.6135 | SRCC = 0.5798 ] [SYS][ MSE = 0.0636 | LCC = 0.9784 | SRCC = 0.9480 ]
[Valid(teacher)][45][UTT][ GML = 0.236555 | AML = 0.450658 | MoV = 0.242180 | VoV = 0.002041 ] [SYS][ GML = 0.000032 | AML = 0.415423 | MoV = 0.002737 | VoV = 0.000004 ]
Train: 100% 845/845 [03:29<00:00, 4.04 step/s]
Average loss=-0.19028033316135406
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.67 step/s]

[Valid(teacher)][46][UTT][ MSE = 0.5762 | LCC = 0.6129 | SRCC = 0.5796 ] [SYS][ MSE = 0.0814 | LCC = 0.9790 | SRCC = 0.9480 ]
[Valid(teacher)][46][UTT][ GML = 0.222866 | AML = 0.446684 | MoV = 0.239400 | VoV = 0.002112 ] [SYS][ GML = 0.000000 | AML = 0.149068 | MoV = 0.002721 | VoV = 0.000004 ]
Train: 100% 845/845 [03:28<00:00, 4.05 step/s]
Average loss=-0.20438136160373688
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.43 step/s]

[Valid(teacher)][47][UTT][ MSE = 0.5839 | LCC = 0.6109 | SRCC = 0.5779 ] [SYS][ MSE = 0.0874 | LCC = 0.9783 | SRCC = 0.9515 ]
[Valid(teacher)][47][UTT][ GML = 0.215075 | AML = 0.446269 | MoV = 0.234322 | VoV = 0.002024 ] [SYS][ GML = 0.000000 | AML = 0.128091 | MoV = 0.002668 | VoV = 0.000004 ]
Train: 100% 845/845 [03:28<00:00, 4.06 step/s]
Average loss=-0.20808978378772736
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.38 step/s]

[Valid(teacher)][48][UTT][ MSE = 0.5629 | LCC = 0.6118 | SRCC = 0.5789 ] [SYS][ MSE = 0.0705 | LCC = 0.9771 | SRCC = 0.9467 ]
[Valid(teacher)][48][UTT][ GML = 0.225829 | AML = 0.451584 | MoV = 0.233177 | VoV = 0.001945 ] [SYS][ GML = 0.000005 | AML = 0.326737 | MoV = 0.002644 | VoV = 0.000004 ]
Train: 100% 845/845 [03:27<00:00, 4.06 step/s]
Average loss=-0.21929481625556946
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.74 step/s]

[Valid(teacher)][49][UTT][ MSE = 0.5745 | LCC = 0.6100 | SRCC = 0.5774 ] [SYS][ MSE = 0.0802 | LCC = 0.9776 | SRCC = 0.9453 ]
[Valid(teacher)][49][UTT][ GML = 0.215771 | AML = 0.449261 | MoV = 0.228850 | VoV = 0.001961 ] [SYS][ GML = 0.000000 | AML = 0.209986 | MoV = 0.002599 | VoV = 0.000004 ]
Train: 100% 845/845 [03:28<00:00, 4.05 step/s]
Average loss=-0.2199917882680893
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.20 step/s]

[Valid(teacher)][50][UTT][ MSE = 0.5520 | LCC = 0.6109 | SRCC = 0.5783 ] [SYS][ MSE = 0.0591 | LCC = 0.9769 | SRCC = 0.9528 ]
[Valid(teacher)][50][UTT][ GML = 0.229709 | AML = 0.456413 | MoV = 0.228983 | VoV = 0.001824 ] [SYS][ GML = 0.000099 | AML = 0.635119 | MoV = 0.002594 | VoV = 0.000003 ]
Train: 100% 845/845 [03:28<00:00, 4.05 step/s]
Average loss=-0.2243790179491043
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.30 step/s]

[Valid(teacher)][51][UTT][ MSE = 0.5434 | LCC = 0.6114 | SRCC = 0.5780 ] [SYS][ MSE = 0.0521 | LCC = 0.9765 | SRCC = 0.9535 ]
[Valid(teacher)][51][UTT][ GML = 0.234816 | AML = 0.458579 | MoV = 0.228585 | VoV = 0.001808 ] [SYS][ GML = 0.000541 | AML = 1.345652 | MoV = 0.002588 | VoV = 0.000003 ]
Train: 100% 845/845 [03:28<00:00, 4.06 step/s]
Average loss=-0.23251859843730927
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.45 step/s]

[Valid(teacher)][52][UTT][ MSE = 0.5419 | LCC = 0.6095 | SRCC = 0.5764 ] [SYS][ MSE = 0.0489 | LCC = 0.9760 | SRCC = 0.9521 ]
[Valid(teacher)][52][UTT][ GML = 0.233727 | AML = 0.460215 | MoV = 0.226049 | VoV = 0.001750 ] [SYS][ GML = 0.001050 | AML = 1.784008 | MoV = 0.002552 | VoV = 0.000003 ]
Train: 100% 845/845 [03:28<00:00, 4.06 step/s]
Average loss=-0.24054165184497833
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.75 step/s]

[Valid(teacher)][53][UTT][ MSE = 0.5462 | LCC = 0.6107 | SRCC = 0.5779 ] [SYS][ MSE = 0.0539 | LCC = 0.9765 | SRCC = 0.9487 ]
[Valid(teacher)][53][UTT][ GML = 0.226838 | AML = 0.461071 | MoV = 0.222243 | VoV = 0.001798 ] [SYS][ GML = 0.000274 | AML = 1.070515 | MoV = 0.002521 | VoV = 0.000003 ]
Train: 100% 845/845 [03:27<00:00, 4.08 step/s]
Average loss=-0.22099152207374573
Valid(teacher): 100% 3000/3000 [00:16<00:00, 180.40 step/s]

[Valid(teacher)][54][UTT][ MSE = 0.5399 | LCC = 0.6099 | SRCC = 0.5773 ] [SYS][ MSE = 0.0463 | LCC = 0.9766 | SRCC = 0.9480 ]
[Valid(teacher)][54][UTT][ GML = 0.231259 | AML = 0.462829 | MoV = 0.220610 | VoV = 0.001669 ] [SYS][ GML = 0.001890 | AML = 1.897570 | MoV = 0.002497 | VoV = 0.000003 ]
Train: 100% 845/845 [00:00<00:00, 4.06 step/s]
Average loss=-0.252662718296051
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.30 step/s]

[Valid(teacher)][55][UTT][ MSE = 0.5370 | LCC = 0.6104 | SRCC = 0.5781 ] [SYS][ MSE = 0.0422 | LCC = 0.9761 | SRCC = 0.9480 ]
[Valid(teacher)][55][UTT][ GML = 0.231529 | AML = 0.463742 | MoV = 0.218273 | VoV = 0.001606 ] [SYS][ GML = 0.004881 | AML = 2.313597 | MoV = 0.002465 | VoV = 0.000003 ]
Train: 100% 845/845 [03:27<00:00, 4.07 step/s]
Average loss=-0.25184085905156555
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.32 step/s]

[Valid(teacher)][56][UTT][ MSE = 0.5554 | LCC = 0.6084 | SRCC = 0.5757 ] [SYS][ MSE = 0.0595 | LCC = 0.9770 | SRCC = 0.9487 ]
[Valid(teacher)][56][UTT][ GML = 0.214498 | AML = 0.458807 | MoV = 0.213994 | VoV = 0.001712 ] [SYS][ GML = 0.000054 | AML = 0.618546 | MoV = 0.002438 | VoV = 0.000003 ]
Train: 100% 845/845 [03:28<00:00, 4.06 step/s]
Average loss=-0.266557514667511
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.18 step/s]

[Valid(teacher)][57][UTT][ MSE = 0.5328 | LCC = 0.6103 | SRCC = 0.5779 ] [SYS][ MSE = 0.0410 | LCC = 0.9769 | SRCC = 0.9480 ]
[Valid(teacher)][57][UTT][ GML = 0.228335 | AML = 0.464987 | MoV = 0.212707 | VoV = 0.001551 ] [SYS][ GML = 0.007225 | AML = 2.569827 | MoV = 0.002407 | VoV = 0.000003 ]
Train: 100% 845/845 [03:29<00:00, 4.03 step/s]
Average loss=-0.2680342495441437
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.06 step/s]

[Valid(teacher)][58][UTT][ MSE = 0.5280 | LCC = 0.6101 | SRCC = 0.5780 ] [SYS][ MSE = 0.0356 | LCC = 0.9773 | SRCC = 0.9480 ]
[Valid(teacher)][58][UTT][ GML = 0.232917 | AML = 0.465378 | MoV = 0.212589 | VoV = 0.001490 ] [SYS][ GML = 0.029164 | AML = 3.201193 | MoV = 0.002401 | VoV = 0.000003 ]
Train: 100% 845/845 [03:28<00:00, 4.05 step/s]
Average loss=-0.26826491951942444
Valid(teacher): 100% 3000/3000 [00:15<00:00, 188.48 step/s]

[Valid(teacher)][59][UTT][ MSE = 0.5243 | LCC = 0.6113 | SRCC = 0.5798 ] [SYS][ MSE = 0.0358 | LCC = 0.9763 | SRCC = 0.9501 ]
[Valid(teacher)][59][UTT][ GML = 0.234099 | AML = 0.466759 | MoV = 0.212108 | VoV = 0.001537 ] [SYS][ GML = 0.028997 | AML = 3.275226 | MoV = 0.002394 | VoV = 0.000003 ]
Train: 100% 845/845 [03:27<00:00, 4.08 step/s]
Average loss=-0.2793535888195038
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.57 step/s]

[Valid(teacher)][60][UTT][ MSE = 0.5224 | LCC = 0.6115 | SRCC = 0.5802 ] [SYS][ MSE = 0.0332 | LCC = 0.9767 | SRCC = 0.9501 ]
[Valid(teacher)][60][UTT][ GML = 0.231984 | AML = 0.468815 | MoV = 0.207940 | VoV = 0.001464 ] [SYS][ GML = 0.043852 | AML = 3.244556 | MoV = 0.002348 | VoV = 0.000003 ]
Best model performance test:
Test(best): 0% 0/4000 [00:00<?, 7 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 [00:20<00:00, 190.94 step/s]

[Test(best)][61][UTT][ MSE = 0.5890 | LCC = 0.6504 | SRCC = 0.6171 ] [SYS][ MSE = 0.1692 | LCC = 0.9686 | SRCC = 0.9453 ]
[Test(best)][61][UTT][ GML = 0.300021 | AML = 0.396363 | MoV = 0.428489 | VoV = 0.005074 ] [SYS][ GML = 0.000000 | AML = 0.064112 | MoV = 0.003550 | VoV = 0.000006 ]
Test(last): 100% 4000/4000 [00:20<00:00, 192.52 step/s]

[Test(last)][61][UTT][ MSE = 0.5039 | LCC = 0.6333 | SRCC = 0.6047 ] [SYS][ MSE = 0.0308 | LCC = 0.9766 | SRCC = 0.9685 ]
[Test(last)][61][UTT][ GML = 0.246867 | AML = 0.473382 | MoV = 0.208201 | VoV = 0.001500 ] [SYS][ GML = 0.039608 | AML = 2.968092 | MoV = 0.001712 | VoV = 0.000001 ]
(lxygpu) [x_xliang@node033 ProMOSNet]$
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