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xlygpu: [x_xlian@node030 ProMOSNet]$ python train.py --lamb_c=0 --lamb_t=0 --save_path "runs/c-0-t0/run2"
Loading all wav files.
100%|██████████████████████████████████████████████████████████████████████████████████| 54040/54040 [08:18<00:00, 108.42it/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 [01:48<00:00, 27.56it/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 [02:28<00:00, 26.97it/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 [03:31<00:00, 3.99 step/s]
Average loss=26904.40234375
Valid(teacher): 100% 3000/3000 [00:16<00:00, 182.08 step/s]

[Valid(teacher)][0][UTT] MSE = 0.8847 | LCC = 0.4576 | SRCC = 0.4395 | [SYS][ MSE = 0.5800 | LCC = 0.7437 | SRCC = 0.7874 ]
[Valid(teacher)][0][UTL] GML = 0.250547 | AML = 0.318295 | MoV = 0.650047 | VoV = 0.007183 | [SYS][ GML = 0.000000 | AML = 0.599554 | MoV = 0.007443 | VoV = 0.000035 ]
Train: 100% 845/845 [03:24<00:00, 4.13 step/s]
Average loss=0.258694589138031
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.79 step/s]

[Valid(teacher)][1][UTT] MSE = 0.7451 | LCC = 0.5777 | SRCC = 0.5386 | [SYS][ MSE = 0.3063 | LCC = 0.9085 | SRCC = 0.8653 ]
[Valid(teacher)][1][UTL] GML = 0.252079 | AML = 0.349237 | MoV = 0.520577 | VoV = 0.011543 | [SYS][ GML = 0.000000 | AML = 0.113212 | MoV = 0.006175 | VoV = 0.000031 ]
Train: 100% 845/845 [03:27<00:00, 4.08 step/s]
Average loss=0.2081681489944458
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.26 step/s]
/home/x_xlian/.conda/envs/xlygpu/lib/python3.8/site-packages/scipy/stats/_distn_infrastructure.py:2085: RuntimeWarning: divide by zero encountered in divide
x = np.asarray((x - loc)/scale, dtype=dtype)

[Valid(teacher)][2][UTT] MSE = 2.1964 | LCC = 0.5856 | SRCC = 0.5435 | [SYS][ MSE = 1.7309 | LCC = 0.9442 | SRCC = 0.9077 ]
[Valid(teacher)][2][UTL] GML = nan | AML = nan | MoV = 0.312964 | VoV = 0.017017 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003930 | VoV = 0.000018 ]
Train: 100% 845/845 [03:27<00:00, 4.06 step/s]
Average loss=0.18756476044654846
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.13 step/s]

[Valid(teacher)][3][UTT] MSE = 2.3459 | LCC = 0.5893 | SRCC = 0.5485 | [SYS][ MSE = 1.9080 | LCC = 0.9485 | SRCC = 0.9097 ]
[Valid(teacher)][3][UTL] GML = nan | AML = nan | MoV = 0.308512 | VoV = 0.017039 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003901 | VoV = 0.000018 ]
Train: 100% 845/845 [03:27<00:00, 4.08 step/s]
Average loss=0.16717053949832916
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.33 step/s]

[Valid(teacher)][4][UTT] MSE = 2.1692 | LCC = 0.6012 | SRCC = 0.5594 | [SYS][ MSE = 1.7057 | LCC = 0.9594 | SRCC = 0.9296 ]
[Valid(teacher)][4][UTL] GML = nan | AML = nan | MoV = 0.294563 | VoV = 0.014816 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003712 | VoV = 0.000015 ]
Train: 100% 845/845 [03:25<00:00, 4.11 step/s]
Average loss=0.1539362668991089
Valid(teacher): 100% 3000/3000 [00:16<00:00, 179.02 step/s]

[Valid(teacher)][5][UTT] MSE = 2.0164 | LCC = 0.6049 | SRCC = 0.5616 | [SYS][ MSE = 1.5509 | LCC = 0.9616 | SRCC = 0.9234 ]
[Valid(teacher)][5][UTL] GML = 0.000000 | AML = 0.173481 | MoV = 0.310136 | VoV = 0.014079 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003857 | VoV = 0.000015 ]
Train: 100% 845/845 [03:27<00:00, 4.07 step/s]
Average loss=0.141257181763649
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.94 step/s]

[Valid(teacher)][6][UTT] MSE = 1.7631 | LCC = 0.6109 | SRCC = 0.5657 | [SYS][ MSE = 1.2959 | LCC = 0.9640 | SRCC = 0.9152 ]
[Valid(teacher)][6][UTL] GML = 0.000000 | AML = 0.203477 | MoV = 0.325547 | VoV = 0.012832 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.003970 | VoV = 0.000015 ]
Train: 100% 845/845 [03:26<00:00, 4.08 step/s]
Average loss=0.12912386655807495
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.09 step/s]

[Valid(teacher)][7][UTT] MSE = 1.5810 | LCC = 0.6146 | SRCC = 0.5689 | [SYS][ MSE = 1.1258 | LCC = 0.9663 | SRCC = 0.9214 ]
[Valid(teacher)][7][UTL] GML = 0.031187 | AML = 0.227889 | MoV = 0.339915 | VoV = 0.011197 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004089 | VoV = 0.000014 ]
Train: 100% 845/845 [03:27<00:00, 4.08 step/s]
Average loss=0.11748795211315155
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.84 step/s]

[Valid(teacher)][8][UTT] MSE = 1.3701 | LCC = 0.6193 | SRCC = 0.5734 | [SYS][ MSE = 0.9243 | LCC = 0.9703 | SRCC = 0.9248 ]
[Valid(teacher)][8][UTL] GML = 0.066894 | AML = 0.260335 | MoV = 0.356764 | VoV = 0.008993 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004242 | VoV = 0.000014 ]
Train: 100% 845/845 [03:27<00:00, 4.08 step/s]
Average loss=0.10280561447143555
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.56 step/s]

[Valid(teacher)][9][UTT] MSE = 1.2640 | LCC = 0.6202 | SRCC = 0.5748 | [SYS][ MSE = 0.8242 | LCC = 0.9736 | SRCC = 0.9364 ]
[Valid(teacher)][9][UTL] GML = 0.091310 | AML = 0.279325 | MoV = 0.360603 | VoV = 0.008249 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004253 | VoV = 0.000013 ]
Train: 100% 845/845 [03:26<00:00, 4.09 step/s]
Average loss=0.09933625161647797
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.64 step/s]

[Valid(teacher)][10][UTT] MSE = 1.3213 | LCC = 0.6162 | SRCC = 0.5718 | [SYS][ MSE = 0.8850 | LCC = 0.9731 | SRCC = 0.9412 ]
[Valid(teacher)][10][UTL] GML = 0.082872 | AML = 0.271469 | MoV = 0.354501 | VoV = 0.008140 | [SYS][ GML = 0.000000 | AML = 0.000000 | MoV = 0.004201 | VoV = 0.000013 ]
Train: 100% 845/845 [03:26<00:00, 4.10 step/s]
Average loss=0.0842807399730682
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.90 step/s]

[Valid(teacher)][11][UTT] MSE = 1.3610 | LCC = 0.6138 | SRCC = 0.5707 | [SYS][ MSE = 0.9304 | LCC = 0.9735 | SRCC = 0.9385 ]
[Valid(teacher)][11][UTL] GML = 0.076377 | AML = 0.266190 | MoV
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[Valid(teacher)] [19] [UTT] [GML = 0.128692 | AML = 0.313255 | MoV = 0.337225 | VoV = 0.004784] [SYS] [GML = 0.000000 | AML = 0.000000 | MoV = 0.003963 | VoV = 0.000011]
Train: 100% 845/845 [03:27:00:00, 4.08 step/s]
Average loss=0.003498766338452697
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.35 step/s]

[Valid(teacher)] [20] [UTT] [MSE = 1.1311 | LCC = 0.6111 | SRCC = 0.5800] [SYS] [MSE = 0.7141 | LCC = 0.9739 | SRCC = 0.9391]
[Valid(teacher)] [20] [UTT] [GML = 0.117497 | AML = 0.306325 | MoV = 0.329848 | VoV = 0.004513] [SYS] [GML = 0.000000 | AML = 0.000000 | MoV = 0.003883 | VoV = 0.000010]
Train: 100% 845/845 [03:27:00:00, 4.08 step/s]
Average loss=-0.006681468337774277
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.63 step/s]

[Valid(teacher)] [21] [UTT] [MSE = 1.0665 | LCC = 0.6143 | SRCC = 0.5845] [SYS] [MSE = 0.6433 | LCC = 0.9752 | SRCC = 0.9391]
[Valid(teacher)] [21] [UTT] [GML = 0.129444 | AML = 0.317417 | MoV = 0.328902 | VoV = 0.004365] [SYS] [GML = 0.000000 | AML = 0.000000 | MoV = 0.003857 | VoV = 0.000010]
Train: 100% 845/845 [03:27:00:00, 4.07 step/s]
Average loss=-0.012830761261284351
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.07 step/s]

[Valid(teacher)] [22] [UTT] [MSE = 1.0424 | LCC = 0.6132 | SRCC = 0.5838] [SYS] [MSE = 0.6172 | LCC = 0.9753 | SRCC = 0.9432]
[Valid(teacher)] [22] [UTT] [GML = 0.133922 | AML = 0.322113 | MoV = 0.326988 | VoV = 0.004159] [SYS] [GML = 0.000000 | AML = 0.000000 | MoV = 0.003826 | VoV = 0.000009]
Train: 100% 845/845 [03:24:00:00, 4.13 step/s]
Average loss=-0.01988871954381466
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.86 step/s]

[Valid(teacher)] [23] [UTT] [MSE = 1.0506 | LCC = 0.6129 | SRCC = 0.5825] [SYS] [MSE = 0.6242 | LCC = 0.9752 | SRCC = 0.9432]
[Valid(teacher)] [23] [UTT] [GML = 0.130389 | AML = 0.320565 | MoV = 0.324876 | VoV = 0.004172] [SYS] [GML = 0.000000 | AML = 0.000000 | MoV = 0.003798 | VoV = 0.000009]
Train: 100% 845/845 [03:27:00:00, 4.08 step/s]
Average loss=-0.026146063581109047
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.61 step/s]

[Valid(teacher)] [24] [UTT] [MSE = 1.0506 | LCC = 0.6116 | SRCC = 0.5814] [SYS] [MSE = 0.6211 | LCC = 0.9747 | SRCC = 0.9446]
[Valid(teacher)] [24] [UTT] [GML = 0.129369 | AML = 0.320637 | MoV = 0.323242 | VoV = 0.004016] [SYS] [GML = 0.000000 | AML = 0.000000 | MoV = 0.003780 | VoV = 0.000009]
Train: 100% 845/845 [03:26:00:00, 4.09 step/s]
Average loss=-0.03871333226561546
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.08 step/s]

[Valid(teacher)] [25] [UTT] [MSE = 1.0749 | LCC = 0.6116 | SRCC = 0.5824] [SYS] [MSE = 0.6446 | LCC = 0.9752 | SRCC = 0.9432]
[Valid(teacher)] [25] [UTT] [GML = 0.118917 | AML = 0.316777 | MoV = 0.313397 | VoV = 0.003930] [SYS] [GML = 0.000000 | AML = 0.000000 | MoV = 0.003673 | VoV = 0.000009]
Train: 100% 845/845 [03:26:00:00, 4.09 step/s]
Average loss=-0.05078226700425148
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.91 step/s]

[Valid(teacher)] [26] [UTT] [MSE = 1.0180 | LCC = 0.6136 | SRCC = 0.5857] [SYS] [MSE = 0.5836 | LCC = 0.9752 | SRCC = 0.9439]
[Valid(teacher)] [26] [UTT] [GML = 0.127946 | AML = 0.327617 | MoV = 0.309619 | VoV = 0.003903] [SYS] [GML = 0.000000 | AML = 0.000000 | MoV = 0.003626 | VoV = 0.000008]
Train: 100% 845/845 [03:26:00:00, 4.09 step/s]
Average loss=-0.049701109528541565
Valid(teacher): 100% 3000/3000 [00:15<00:00, 190.55 step/s]

[Valid(teacher)] [27] [UTT] [MSE = 1.0659 | LCC = 0.6119 | SRCC = 0.5849] [SYS] [MSE = 0.6376 | LCC = 0.9744 | SRCC = 0.9426]
[Valid(teacher)] [27] [UTT] [GML = 0.116171 | AML = 0.318697 | MoV = 0.306203 | VoV = 0.003993] [SYS] [GML = 0.000000 | AML = 0.000000 | MoV = 0.003594 | VoV = 0.000008]
Train: 100% 845/845 [03:25:00:00, 4.10 step/s]
Average loss=-0.06161423027515414
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.37 step/s]

[Valid(teacher)] [28] [UTT] [MSE = 0.9906 | LCC = 0.6154 | SRCC = 0.5865] [SYS] [MSE = 0.5556 | LCC = 0.9762 | SRCC = 0.9480]
[Valid(teacher)] [28] [UTT] [GML = 0.130898 | AML = 0.333350 | MoV = 0.305213 | VoV = 0.003792] [SYS] [GML = 0.000000 | AML = 0.000000 | MoV = 0.003565 | VoV = 0.000008]
Train: 100% 845/845 [03:25:00:00, 4.12 step/s]
Average loss=-0.06544214487075806
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.59 step/s]

[Valid(teacher)] [29] [UTT] [MSE = 1.0017 | LCC = 0.6158 | SRCC = 0.5878] [SYS] [MSE = 0.5679 | LCC = 0.9762 | SRCC = 0.9460]
[Valid(teacher)] [29] [UTT] [GML = 0.126457 | AML = 0.331402 | MoV = 0.301887 | VoV = 0.003726] [SYS] [GML = 0.000000 | AML = 0.000000 | MoV = 0.003526 | VoV = 0.000008]
Train: 100% 845/845 [03:25:00:00, 4.12 step/s]
Average loss=-0.07859758287668228
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.00 step/s]

[Valid(teacher)] [30] [UTT] [MSE = 0.9383 | LCC = 0.6195 | SRCC = 0.5902] [SYS] [MSE = 0.5820 | LCC = 0.9780 | SRCC = 0.9446]
[Valid(teacher)] [30] [UTT] [GML = 0.117881 | AML = 0.324066 | MoV = 0.301314 | VoV = 0.003810] [SYS] [GML = 0.000000 | AML = 0.000000 | MoV = 0.003509 | VoV = 0.000007]
Train: 100% 845/845 [03:25:00:00, 4.11 step/s]
Average loss=-0.08197487145662308
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.96 step/s]

[Valid(teacher)] [31] [UTT] [MSE = 0.9283 | LCC = 0.6200 | SRCC = 0.5912] [SYS] [MSE = 0.4916 | LCC = 0.9780 | SRCC = 0.9446]
[Valid(teacher)] [31] [UTT] [GML = 0.139857 | AML = 0.346661 | MoV = 0.297654 | VoV = 0.003832] [SYS] [GML = 0.000000 | AML = 0.000000 | MoV = 0.003464 | VoV = 0.000007]
Train: 100% 845/845 [03:24:00:00, 4.13 step/s]
Average loss=-0.09161747992038727
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.36 step/s]

[Valid(teacher)] [32] [UTT] [MSE = 0.9313 | LCC = 0.6206 | SRCC = 0.5915] [SYS] [MSE = 0.4958 | LCC = 0.9782 | SRCC = 0.9487]
[Valid(teacher)] [32] [UTT] [GML = 0.137074 | AML = 0.346502 | MoV = 0.294148 | VoV = 0.003708] [SYS] [GML = 0.000000 | AML = 0.000000 | MoV = 0.003431 | VoV = 0.000007]
Train: 100% 845/845 [03:25:00:00, 4.10 step/s]
Average loss=-0.0990764722280502
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.03 step/s]

[Valid(teacher)] [33] [UTT] [MSE = 0.8663 | LCC = 0.6233 | SRCC = 0.5940] [SYS] [MSE = 0.4250 | LCC = 0.9794 | SRCC = 0.9446]
[Valid(teacher)] [33] [UTT] [GML = 0.151653 | AML = 0.360552 | MoV = 0.290861 | VoV = 0.003664] [SYS] [GML = 0.000000 | AML = 0.000000 | MoV = 0.003388 | VoV = 0.000007]
Train: 100% 845/845 [03:26:00:00, 4.10 step/s]
Average loss=-0.10405273735523224
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.71 step/s]

[Valid(teacher)] [34] [UTT] [MSE = 0.8830 | LCC = 0.6217 | SRCC = 0.5930] [SYS] [MSE = 0.4413 | LCC = 0.9798 | SRCC = 0.9446]
[Valid(teacher)] [34] [UTT] [GML = 0.144097 | AML = 0.357494 | MoV = 0.286396 | VoV = 0.003520] [SYS] [GML = 0.000000 | AML = 0.000000 | MoV = 0.003344 | VoV = 0.000007]
Train: 100% 845/845 [03:25:00:00, 4.11 step/s]
Average loss=-0.1137305423617363
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.80 step/s]

[Valid(teacher)] [35] [UTT] [MSE = 0.9158 | LCC = 0.6199 | SRCC = 0.5917] [SYS] [MSE = 0.4726 | LCC = 0.9796 | SRCC = 0.9405]
[Valid(teacher)] [35] [UTT] [GML = 0.131501 | AML = 0.351048 | MoV = 0.280728 | VoV = 0.003553] [SYS] [GML = 0.000000 | AML = 0.000000 | MoV = 0.003286 | VoV = 0.000007]
Train: 100% 845/845 [03:26:00:00, 4.09 step/s]
Average loss=-0.12376172840595245
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.48 step/s]

[Valid(teacher)] [36] [UTT] [MSE = 0.8933 | LCC = 0.6202 | SRCC = 0.5913] [SYS] [MSE = 0.4454 | LCC = 0.9802 | SRCC = 0.9391]
[Valid(teacher)] [36] [UTT] [GML = 0.134281 | AML = 0.356688 | MoV = 0.276248 | VoV = 0.003368] [SYS] [GML = 0.000000 | AML = 0.000000 | MoV = 0.003229 | VoV = 0.000006]
Train: 100% 845/845 [03:25:00:00, 4.10 step/s]
Average loss=-0.12661610543727875
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.13 step/s]

[Valid(teacher)] [37] [UTT] [MSE = 0.8508 | LCC = 0.6218 | SRCC = 0.5918] [SYS] [MSE = 0.4001 | LCC = 0.9799 | SRCC = 0.9385]
[Valid(teacher)] [37] [UTT] [GML = 0.144018 | AML = 0.367068 | MoV = 0.274558 | VoV = 0.003355] [SYS] [GML = 0.000000 | AML = 0.000000 | MoV = 0.003207 | VoV = 0.000006]
Train: 100% 845/845 [03:25:00:00, 4.11 step/s]
Average loss=-0.1371367871761322
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.74 step/s]

[Valid(teacher)] [38] [UTT] [MSE = 0.8421 | LCC = 0.6225 | SRCC = 0.5926] [SYS] [MSE = 0.3942 | LCC = 0.9800 | SRCC = 0.9419]
[Valid(teacher)] [38] [UTT] [GML = 0.145388 | AML = 0.368872 | MoV = 0.271437 | VoV = 0.003110] [SYS] [GML = 0.000000 | AML = 0.000000 | MoV = 0.003164 | VoV = 0.000006]
Train: 100% 845/845 [03:25:00:00, 4.12 step/s]
Average loss=-0.1431056006303896
Valid(teacher): 100% 3000/3000 [00:15<00:00, 190.08 step/s]

[Valid(teacher)] [39] [UTT] [MSE = 0.7944 | LCC = 0.6249 | SRCC = 0.5939] [SYS] [MSE = 0.3429 | LCC = 0.9802 | SRCC = 0.9453]
[Valid(teacher)] [39] [UTT] [GML = 0.157047 | AML = 0.380724 | MoV = 0.268616 | VoV = 0.003044] [SYS] [GML = 0.000000 | AML = 0.000000 | MoV = 0.003122 | VoV = 0.000006]
Train: 100% 845/845 [03:25:00:00, 4.11 step/s]
Average loss=-0.144577756524086
Valid(teacher): 100% 3000/3000 [00:16<00:00, 183.77 step/s]

[Valid(teacher)] [40] [UTT] [MSE = 0.7971 | LCC = 0.6228 | SRCC = 0.5908] [SYS] [MSE = 0.3432 | LCC = 0.9811 | SRCC = 0.9453]
[Valid(teacher)] [40] [UTT] [GML = 0.153812 | AML = 0.380454 | MoV = 0.266603 | VoV = 0.003166] [SYS] [GML = 0.000000 | AML = 0.000000 | MoV = 0.003099 | VoV = 0.000006]
Train: 100% 845/845 [03:25:00:00, 4.12 step/s]
Average loss=-0.15640264749526978
Valid(teacher): 100% 3000/3000 [00:16<00:00, 186.86 step/s]

[Valid(teacher)] [41] [UTT] [MSE = 0.7621 | LCC = 0.6247 | SRCC = 0.5930] [SYS] [MSE = 0.3074 | LCC = 0.9816 | SRCC = 0.9453]
[Valid(teacher)] [41] [UTT] [GML = 0.164570 | AML = 0.389318 | MoV = 0.263788 | VoV = 0.002930] [SYS] [GML = 0.000000 | AML = 0.000000 | MoV = 0.003059 | VoV = 0.000005]
Train: 100% 845/845 [03:24:00:00, 4.12 step/s]
Average loss=-0.14596033096313477
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.83 step/s]

[Valid(teacher)] [42] [UTT] [MSE = 0.7604 | LCC = 0.6243 | SRCC = 0.5919] [SYS] [MSE = 0.3056 | LCC = 0.9814 | SRCC = 0.9467]
[Valid(teacher)] [42] [UTT] [GML = 0.163076 | AML = 0.390501 | MoV = 0.261413 | VoV = 0.002933] [SYS] [GML = 0.000000 | AML = 0.000000 | MoV = 0.003032 | VoV = 0.000005]
Train: 100% 845/845 [03:25:00:00, 4.11 step/s]
Average loss=-0.17173953354358673
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.07 step/s]

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[Valid(teacher)] [43] [UTT] [ MSE = 0.7141 | LCC = 0.6260 | SRCC = 0.5932 ] [SYS] [ MSE = 0.2545 | LCC = 0.9819 | SRCC = 0.9385 ]
[Valid(teacher)] [43] [UTT] [ GML = 0.177763 | AML = 0.402023 | MoV = 0.259252 | VoV = 0.002843 ] [SYS] [ GML = 0.000000 | AML = 0.000021 | MoV = 0.002997 | VoV = 0.000005 ]
Train: 100% 845/845 [03:24:00:00, 4.12 step/s]
Average loss=-0.17651565372943878
Valid(teacher): 100% 3000/3000 [00:15<00:00, 188.24 step/s]

[Valid(teacher)] [44] [UTT] [ MSE = 0.6944 | LCC = 0.6265 | SRCC = 0.5940 ] [SYS] [ MSE = 0.2325 | LCC = 0.9820 | SRCC = 0.9385 ]
[Valid(teacher)] [44] [UTT] [ GML = 0.184154 | AML = 0.407811 | MoV = 0.256428 | VoV = 0.002667 ] [SYS] [ GML = 0.000000 | AML = 0.000082 | MoV = 0.002955 | VoV = 0.000005 ]
Train: 100% 845/845 [03:25:00:00, 4.11 step/s]
Average loss=-0.18173091113567352
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.09 step/s]

[Valid(teacher)] [45] [UTT] [ MSE = 0.6753 | LCC = 0.6236 | SRCC = 0.5901 ] [SYS] [ MSE = 0.2120 | LCC = 0.9813 | SRCC = 0.9385 ]
[Valid(teacher)] [45] [UTT] [ GML = 0.190835 | AML = 0.413399 | MoV = 0.253188 | VoV = 0.002443 ] [SYS] [ GML = 0.000000 | AML = 0.001175 | MoV = 0.002917 | VoV = 0.000005 ]
Train: 100% 845/845 [03:25:00:00, 4.11 step/s]
Average loss=-0.19240014255046844
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.97 step/s]

[Valid(teacher)] [46] [UTT] [ MSE = 0.6703 | LCC = 0.6241 | SRCC = 0.5904 ] [SYS] [ MSE = 0.2059 | LCC = 0.9819 | SRCC = 0.9419 ]
[Valid(teacher)] [46] [UTT] [ GML = 0.188304 | AML = 0.415990 | MoV = 0.247934 | VoV = 0.002394 ] [SYS] [ GML = 0.000000 | AML = 0.001397 | MoV = 0.002861 | VoV = 0.000005 ]
Train: 100% 845/845 [03:25:00:00, 4.11 step/s]
Average loss=-0.1960175484418869
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.39 step/s]

[Valid(teacher)] [47] [UTT] [ MSE = 0.6736 | LCC = 0.6249 | SRCC = 0.5919 ] [SYS] [ MSE = 0.2092 | LCC = 0.9819 | SRCC = 0.9432 ]
[Valid(teacher)] [47] [UTT] [ GML = 0.185774 | AML = 0.415499 | MoV = 0.246993 | VoV = 0.002393 ] [SYS] [ GML = 0.000000 | AML = 0.000548 | MoV = 0.002848 | VoV = 0.000005 ]
Train: 100% 845/845 [03:26:00:00, 4.08 step/s]
Average loss=-0.2062961608171463
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.42 step/s]

[Valid(teacher)] [48] [UTT] [ MSE = 0.6706 | LCC = 0.6247 | SRCC = 0.5924 ] [SYS] [ MSE = 0.2048 | LCC = 0.9822 | SRCC = 0.9391 ]
[Valid(teacher)] [48] [UTT] [ GML = 0.183323 | AML = 0.417090 | MoV = 0.242925 | VoV = 0.002339 ] [SYS] [ GML = 0.000000 | AML = 0.000744 | MoV = 0.002803 | VoV = 0.000004 ]
Train: 100% 845/845 [03:26:00:00, 4.05 step/s]
Average loss=-0.2050224095582962
Valid(teacher): 100% 3000/3000 [00:16<00:00, 186.72 step/s]

[Valid(teacher)] [49] [UTT] [ MSE = 0.6979 | LCC = 0.6237 | SRCC = 0.5916 ] [SYS] [ MSE = 0.2350 | LCC = 0.9821 | SRCC = 0.9391 ]
[Valid(teacher)] [49] [UTT] [ GML = 0.169210 | AML = 0.409828 | MoV = 0.240919 | VoV = 0.002510 ] [SYS] [ GML = 0.000000 | AML = 0.000082 | MoV = 0.002793 | VoV = 0.000005 ]
Train: 100% 845/845 [03:27:00:00, 4.08 step/s]
Average loss=-0.21400155127048492
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.25 step/s]

[Valid(teacher)] [50] [UTT] [ MSE = 0.6954 | LCC = 0.6241 | SRCC = 0.5920 ] [SYS] [ MSE = 0.2327 | LCC = 0.9814 | SRCC = 0.9432 ]
[Valid(teacher)] [50] [UTT] [ GML = 0.167515 | AML = 0.411408 | MoV = 0.236922 | VoV = 0.002349 ] [SYS] [ GML = 0.000000 | AML = 0.000363 | MoV = 0.002750 | VoV = 0.000004 ]
Train: 100% 845/845 [03:27:00:00, 4.08 step/s]
Average loss=-0.21903738379478455
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.06 step/s]

[Valid(teacher)] [51] [UTT] [ MSE = 0.6652 | LCC = 0.6252 | SRCC = 0.5924 ] [SYS] [ MSE = 0.2017 | LCC = 0.9815 | SRCC = 0.9432 ]
[Valid(teacher)] [51] [UTT] [ GML = 0.179445 | AML = 0.420332 | MoV = 0.234847 | VoV = 0.002147 ] [SYS] [ GML = 0.000000 | AML = 0.003625 | MoV = 0.002717 | VoV = 0.000004 ]
Train: 100% 845/845 [03:26:00:00, 4.09 step/s]
Average loss=-0.22464150190353394
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.11 step/s]

[Valid(teacher)] [52] [UTT] [ MSE = 0.6700 | LCC = 0.6256 | SRCC = 0.5932 ] [SYS] [ MSE = 0.2069 | LCC = 0.9814 | SRCC = 0.9432 ]
[Valid(teacher)] [52] [UTT] [ GML = 0.175827 | AML = 0.419558 | MoV = 0.232608 | VoV = 0.002083 ] [SYS] [ GML = 0.000000 | AML = 0.001678 | MoV = 0.002688 | VoV = 0.000004 ]
Train: 100% 845/845 [03:26:00:00, 4.10 step/s]
Average loss=-0.2347632646560669
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.09 step/s]

[Valid(teacher)] [53] [UTT] [ MSE = 0.6497 | LCC = 0.6259 | SRCC = 0.5935 ] [SYS] [ MSE = 0.1865 | LCC = 0.9816 | SRCC = 0.9432 ]
[Valid(teacher)] [53] [UTT] [ GML = 0.182511 | AML = 0.426229 | MoV = 0.229641 | VoV = 0.001998 ] [SYS] [ GML = 0.000000 | AML = 0.003636 | MoV = 0.002648 | VoV = 0.000004 ]
Train: 100% 845/845 [03:25:00:00, 4.10 step/s]
Average loss=-0.23561213910579681
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.49 step/s]

[Valid(teacher)] [54] [UTT] [ MSE = 0.6672 | LCC = 0.6252 | SRCC = 0.5926 ] [SYS] [ MSE = 0.2026 | LCC = 0.9826 | SRCC = 0.9432 ]
[Valid(teacher)] [54] [UTT] [ GML = 0.174249 | AML = 0.421777 | MoV = 0.228466 | VoV = 0.001981 ] [SYS] [ GML = 0.000000 | AML = 0.000391 | MoV = 0.002638 | VoV = 0.000004 ]
Train: 100% 845/845 [03:26:00:00, 4.09 step/s]
Average loss=-0.24485419690608978
Valid(teacher): 100% 3000/3000 [00:15<00:00, 190.76 step/s]

[Valid(teacher)] [55] [UTT] [ MSE = 0.6465 | LCC = 0.6267 | SRCC = 0.5943 ] [SYS] [ MSE = 0.1781 | LCC = 0.9823 | SRCC = 0.9398 ]
[Valid(teacher)] [55] [UTT] [ GML = 0.178795 | AML = 0.428220 | MoV = 0.225109 | VoV = 0.001992 ] [SYS] [ GML = 0.000000 | AML = 0.002128 | MoV = 0.002596 | VoV = 0.000004 ]
Train: 100% 845/845 [03:26:00:00, 4.10 step/s]
Average loss=-0.2506040036678314
Valid(teacher): 100% 3000/3000 [00:16<00:00, 182.93 step/s]

[Valid(teacher)] [56] [UTT] [ MSE = 0.6310 | LCC = 0.6253 | SRCC = 0.5935 ] [SYS] [ MSE = 0.1622 | LCC = 0.9816 | SRCC = 0.9371 ]
[Valid(teacher)] [56] [UTT] [ GML = 0.183133 | AML = 0.433110 | MoV = 0.221295 | VoV = 0.001818 ] [SYS] [ GML = 0.000000 | AML = 0.013984 | MoV = 0.002555 | VoV = 0.000004 ]
Train: 100% 845/845 [03:25:00:00, 4.11 step/s]
Average loss=-0.24852627515792847
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.97 step/s]

[Valid(teacher)] [57] [UTT] [ MSE = 0.6004 | LCC = 0.6253 | SRCC = 0.5926 ] [SYS] [ MSE = 0.1313 | LCC = 0.9813 | SRCC = 0.9378 ]
[Valid(teacher)] [57] [UTT] [ GML = 0.199247 | AML = 0.441239 | MoV = 0.220853 | VoV = 0.001665 ] [SYS] [ GML = 0.000000 | AML = 0.149225 | MoV = 0.002543 | VoV = 0.000004 ]
Train: 100% 845/845 [03:26:00:00, 4.09 step/s]
Average loss=-0.2654420733451843
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.12 step/s]

[Valid(teacher)] [58] [UTT] [ MSE = 0.6111 | LCC = 0.6263 | SRCC = 0.5945 ] [SYS] [ MSE = 0.1415 | LCC = 0.9820 | SRCC = 0.9439 ]
[Valid(teacher)] [58] [UTT] [ GML = 0.180817 | AML = 0.439669 | MoV = 0.215916 | VoV = 0.001624 ] [SYS] [ GML = 0.000000 | AML = 0.059073 | MoV = 0.002487 | VoV = 0.000004 ]
Train: 100% 845/845 [03:26:00:00, 4.09 step/s]
Average loss=-0.24973303079605103
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.57 step/s]

[Valid(teacher)] [59] [UTT] [ MSE = 0.5924 | LCC = 0.6257 | SRCC = 0.5942 ] [SYS] [ MSE = 0.1213 | LCC = 0.9821 | SRCC = 0.9446 ]
[Valid(teacher)] [59] [UTT] [ GML = 0.198079 | AML = 0.445743 | MoV = 0.213887 | VoV = 0.001503 ] [SYS] [ GML = 0.000000 | AML = 0.133967 | MoV = 0.002458 | VoV = 0.000003 ]
Train: 100% 845/845 [03:26:00:00, 4.09 step/s]
Average loss=-0.27321574091911316
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.88 step/s]

[Valid(teacher)] [60] [UTT] [ MSE = 0.6233 | LCC = 0.6241 | SRCC = 0.5927 ] [SYS] [ MSE = 0.1550 | LCC = 0.9830 | SRCC = 0.9439 ]
[Valid(teacher)] [60] [UTT] [ GML = 0.181345 | AML = 0.437101 | MoV = 0.213260 | VoV = 0.001598 ] [SYS] [ GML = 0.000000 | AML = 0.011364 | MoV = 0.002459 | VoV = 0.000003 ]
Best model performance test:
Test(best): 0% 0/4000 [00:00<0?, ? step/s] /home/x_xliang/.conda/envs/lyxgpu/lib/python3.8/site-packages/torch/nn/modules/rnn.py:774: UserWarning: RNN module weights are not part of single contiguous
us 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, 190.58 step/s]

[Test(best)] [61] [UTT] [ MSE = 0.6131 | LCC = 0.6436 | SRCC = 0.6066 ] [SYS] [ MSE = 0.1598 | LCC = 0.9741 | SRCC = 0.9480 ]
[Test(best)] [61] [UTT] [ GML = 0.194273 | AML = 0.441894 | MoV = 0.224762 | VoV = 0.002025 ] [SYS] [ GML = 0.000000 | AML = 0.240475 | MoV = 0.001894 | VoV = 0.000002 ]
Test(last): 100% 4000/4000 [00:20<00:00, 196.32 step/s]

[Test(last)] [61] [UTT] [ MSE = 0.5880 | LCC = 0.6422 | SRCC = 0.6049 ] [SYS] [ MSE = 0.1340 | LCC = 0.9750 | SRCC = 0.9535 ]
[Test(last)] [61] [UTT] [ GML = 0.190664 | AML = 0.450430 | MoV = 0.213137 | VoV = 0.001654 ] [SYS] [ GML = 0.000000 | AML = 0.321352 | MoV = 0.001795 | VoV = 0.000002 ]
(lyxgpu) [x_xliang@node839 ProMOSNet]$
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