```
(lxygpu) [x_xlian@node026 DeePMOS]$ python train.py --lamb_c=2 --lamb_t=0 --save_path=./runs/c2/run3/*
Loading all wav files.
100%|████████████████████████████████████████████████████████████████████████████████████████████████████████████| 54040/54040 [07:51<00:00, 114.68it/s]
/proj/ihorse_2021/users/x_xlian/ProMOSNet/DeePMOS/dataset.py:59: 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, 28.85it/s]
/proj/ihorse_2021/users/x_xlian/ProMOSNet/DeePMOS/dataset.py:59: 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 [02:21<00:00, 28.19it/s]
/proj/ihorse_2021/users/x_xlian/ProMOSNet/DeePMOS/dataset.py:59: 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,  4.05 step/s]
Average loss=204.3472137451172
Valid(teacher): 100% 3000/3000 [00:17<00:00, 176.27 step/s]

[Valid(teacher)][0][UTT][ MSE = 3.1284 | LCC = 0.4115 | SRCC = 0.3989 ] [SYS][ MSE = 3.0498 | LCC = 0.6449 | SRCC = 0.7197 ]
[Valid(teacher)][0][UTT][ AML = 0.151658 | MoV = 0.914677 | VoV = 0.012817 ]
Train: 100% 845/845 [03:22<00:00,  4.17 step/s]
Average loss=0.6840199828147888
Valid(teacher): 100% 3000/3000 [00:15<00:00, 187.56 step/s]

[Valid(teacher)][1][UTT][ MSE = 0.6957 | LCC = 0.5453 | SRCC = 0.5232 ] [SYS][ MSE = 0.3705 | LCC = 0.8518 | SRCC = 0.8721 ]
[Valid(teacher)][1][UTT][ AML = 0.308250 | MoV = 0.994923 | VoV = 0.033014 ]
Train: 100% 845/845 [03:25<00:00,  4.11 step/s]
Average loss=0.5195940732955933
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.18 step/s]

[Valid(teacher)][2][UTT][ MSE = 0.5228 | LCC = 0.5783 | SRCC = 0.5509 ] [SYS][ MSE = 0.1265 | LCC = 0.8914 | SRCC = 0.8783 ]
[Valid(teacher)][2][UTT][ AML = 0.359222 | MoV = 0.716963 | VoV = 0.029434 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.449712872505188
Valid(teacher): 100% 3000/3000 [00:16<00:00, 178.22 step/s]

[Valid(teacher)][3][UTT][ MSE = 0.5197 | LCC = 0.6127 | SRCC = 0.5745 ] [SYS][ MSE = 0.1109 | LCC = 0.9351 | SRCC = 0.8762 ]
[Valid(teacher)][3][UTT][ AML = 0.387366 | MoV = 0.535020 | VoV = 0.011635 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.41861876843598
Valid(teacher): 100% 3000/3000 [00:14<00:00, 200.17 step/s]

[Valid(teacher)][4][UTT][ MSE = 0.5811 | LCC = 0.6282 | SRCC = 0.5866 ] [SYS][ MSE = 0.1755 | LCC = 0.9579 | SRCC = 0.9077 ]
[Valid(teacher)][4][UTT][ AML = 0.387235 | MoV = 0.468307 | VoV = 0.004961 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=0.4010891318321228
Valid(teacher): 100% 3000/3000 [00:15<00:00, 187.70 step/s]

[Valid(teacher)][5][UTT][ MSE = 0.6714 | LCC = 0.6256 | SRCC = 0.5840 ] [SYS][ MSE = 0.2673 | LCC = 0.9611 | SRCC = 0.9200 ]
[Valid(teacher)][5][UTT][ AML = 0.373119 | MoV = 0.449245 | VoV = 0.005088 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.3855349123477936
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.34 step/s]

[Valid(teacher)][6][UTT][ MSE = 0.7694 | LCC = 0.6260 | SRCC = 0.5847 ] [SYS][ MSE = 0.3703 | LCC = 0.9646 | SRCC = 0.9248 ]
[Valid(teacher)][6][UTT][ AML = 0.357090 | MoV = 0.432239 | VoV = 0.004833 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=0.3697589635848999
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.39 step/s]

[Valid(teacher)][7][UTT][ MSE = 0.8587 | LCC = 0.6263 | SRCC = 0.5850 ] [SYS][ MSE = 0.4622 | LCC = 0.9671 | SRCC = 0.9200 ]
[Valid(teacher)][7][UTT][ AML = 0.342102 | MoV = 0.420005 | VoV = 0.004411 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.3537921607494354
Valid(teacher): 100% 3000/3000 [00:16<00:00, 182.83 step/s]

[Valid(teacher)][8][UTT][ MSE = 0.9101 | LCC = 0.6259 | SRCC = 0.5860 ] [SYS][ MSE = 0.5149 | LCC = 0.9684 | SRCC = 0.9227 ]
[Valid(teacher)][8][UTT][ AML = 0.334303 | MoV = 0.410203 | VoV = 0.004036 ]
Train: 100% 845/845 [03:26<00:00,  4.11 step/s]
Average loss=0.3405428230762481
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.17 step/s]

[Valid(teacher)][9][UTT][ MSE = 0.8648 | LCC = 0.6280 | SRCC = 0.5886 ] [SYS][ MSE = 0.4636 | LCC = 0.9696 | SRCC = 0.9268 ]
[Valid(teacher)][9][UTT][ AML = 0.342977 | MoV = 0.407395 | VoV = 0.003776 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.3282281756441062
Valid(teacher): 100% 3000/3000 [00:18<00:00, 165.90 step/s]

[Valid(teacher)][10][UTT][ MSE = 0.8673 | LCC = 0.6285 | SRCC = 0.5896 ] [SYS][ MSE = 0.4652 | LCC = 0.9697 | SRCC = 0.9309 ]
[Valid(teacher)][10][UTT][ AML = 0.343221 | MoV = 0.401119 | VoV = 0.003472 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.3164840340614319
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.78 step/s]

[Valid(teacher)][11][UTT][ MSE = 0.8503 | LCC = 0.6292 | SRCC = 0.5910 ] [SYS][ MSE = 0.4466 | LCC = 0.9695 | SRCC = 0.9275 ]
[Valid(teacher)][11][UTT][ AML = 0.346796 | MoV = 0.396505 | VoV = 0.003043 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.3038109540939331
Valid(teacher): 100% 3000/3000 [00:16<00:00, 187.33 step/s]

[Valid(teacher)][12][UTT][ MSE = 0.8144 | LCC = 0.6314 | SRCC = 0.5932 ] [SYS][ MSE = 0.4062 | LCC = 0.9702 | SRCC = 0.9316 ]
[Valid(teacher)][12][UTT][ AML = 0.353866 | MoV = 0.393446 | VoV = 0.002771 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.2918878197669983
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.95 step/s]

[Valid(teacher)][13][UTT][ MSE = 0.8909 | LCC = 0.6254 | SRCC = 0.5870 ] [SYS][ MSE = 0.4834 | LCC = 0.9686 | SRCC = 0.9173 ]
[Valid(teacher)][13][UTT][ AML = 0.341001 | MoV = 0.383124 | VoV = 0.002622 ]
Train: 100% 845/845 [03:29<00:00,  4.04 step/s]
Average loss=0.2786635756492615
Valid(teacher): 100% 3000/3000 [00:16<00:00, 182.55 step/s]

[Valid(teacher)][14][UTT][ MSE = 0.8342 | LCC = 0.6245 | SRCC = 0.5849 ] [SYS][ MSE = 0.4207 | LCC = 0.9673 | SRCC = 0.9002 ]
[Valid(teacher)][14][UTT][ AML = 0.351950 | MoV = 0.382361 | VoV = 0.002308 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.2698303461074829
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.79 step/s]

[Valid(teacher)][15][UTT][ MSE = 0.8086 | LCC = 0.6233 | SRCC = 0.5838 ] [SYS][ MSE = 0.3898 | LCC = 0.9667 | SRCC = 0.8940 ]
[Valid(teacher)][15][UTT][ AML = 0.357574 | MoV = 0.378428 | VoV = 0.002190 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=0.2581423230218646
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.81 step/s]

[Valid(teacher)][16][UTT][ MSE = 0.7223 | LCC = 0.6295 | SRCC = 0.5896 ] [SYS][ MSE = 0.2991 | LCC = 0.9696 | SRCC = 0.8947 ]
[Valid(teacher)][16][UTT][ AML = 0.375200 | MoV = 0.376995 | VoV = 0.002153 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=0.24311991035938263
Valid(teacher): 100% 3000/3000 [00:15<00:00, 188.01 step/s]

[Valid(teacher)][17][UTT][ MSE = 0.6798 | LCC = 0.6339 | SRCC = 0.5942 ] [SYS][ MSE = 0.2539 | LCC = 0.9711 | SRCC = 0.8961 ]
[Valid(teacher)][17][UTT][ AML = 0.385383 | MoV = 0.371178 | VoV = 0.002104 ]
Train: 100% 845/845 [03:26<00:00,  4.09 step/s]
Average loss=0.23578459024442932
Valid(teacher): 100% 3000/3000 [00:15<00:00, 188.31 step/s]

[Valid(teacher)][18][UTT][ MSE = 0.6891 | LCC = 0.6313 | SRCC = 0.5925 ] [SYS][ MSE = 0.2629 | LCC = 0.9698 | SRCC = 0.8913 ]
[Valid(teacher)][18][UTT][ AML = 0.384780 | MoV = 0.363874 | VoV = 0.002036 ]
Train: 100% 845/845 [03:26<00:00,  4.10 step/s]
Average loss=0.22472664713859558
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.00 step/s]

[Valid(teacher)][19][UTT][ MSE = 0.6697 | LCC = 0.6309 | SRCC = 0.5917 ] [SYS][ MSE = 0.2397 | LCC = 0.9698 | SRCC = 0.8899 ]
[Valid(teacher)][19][UTT][ AML = 0.390285 | MoV = 0.358496 | VoV = 0.002075 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=0.21155296266807895
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.22 step/s]

[Valid(teacher)][20][UTT][ MSE = 0.6937 | LCC = 0.6277 | SRCC = 0.5889 ] [SYS][ MSE = 0.2617 | LCC = 0.9690 | SRCC = 0.8892 ]
[Valid(teacher)][20][UTT][ AML = 0.386691 | MoV = 0.350580 | VoV = 0.002013 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.2012278286602829
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.01 step/s]

[Valid(teacher)][21][UTT][ MSE = 0.6545 | LCC = 0.6318 | SRCC = 0.5922 ] [SYS][ MSE = 0.2203 | LCC = 0.9702 | SRCC = 0.8968 ]
[Valid(teacher)][21][UTT][ AML = 0.396340 | MoV = 0.346223 | VoV = 0.002079 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.19270631670951843
Valid(teacher): 100% 3000/3000 [00:15<00:00, 188.03 step/s]

[Valid(teacher)][22][UTT][ MSE = 0.6460 | LCC = 0.6319 | SRCC = 0.5920 ] [SYS][ MSE = 0.2114 | LCC = 0.9701 | SRCC = 0.8968 ]
[Valid(teacher)][22][UTT][ AML = 0.399301 | MoV = 0.340641 | VoV = 0.002083 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.18471498787403107
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.20 step/s]

[Valid(teacher)][23][UTT][ MSE = 0.6077 | LCC = 0.6368 | SRCC = 0.5968 ] [SYS][ MSE = 0.1734 | LCC = 0.9705 | SRCC = 0.8892 ]
[Valid(teacher)][23][UTT][ AML = 0.408991 | MoV = 0.336455 | VoV = 0.002162 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.17172743380069733
Valid(teacher): 100% 3000/3000 [00:15<00:00, 188.51 step/s]

[Valid(teacher)][24][UTT][ MSE = 0.5995 | LCC = 0.6386 | SRCC = 0.5982 ] [SYS][ MSE = 0.1647 | LCC = 0.9720 | SRCC = 0.8981 ]
[Valid(teacher)][24][UTT][ AML = 0.411738 | MoV = 0.331766 | VoV = 0.002202 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.16102170944213867
Valid(teacher): 100% 3000/3000 [00:16<00:00, 186.84 step/s]

[Valid(teacher)][25][UTT][ MSE = 0.6065 | LCC = 0.6371 | SRCC = 0.5965 ] [SYS][ MSE = 0.1706 | LCC = 0.9716 | SRCC = 0.8968 ]
[Valid(teacher)][25][UTT][ AML = 0.410752 | MoV = 0.326530 | VoV = 0.002156 ]
Train: 100% 845/845 [03:26<00:00,  4.09 step/s]
Average loss=0.14828509092330933
Valid(teacher): 100% 3000/3000 [00:16<00:00, 184.55 step/s]

[Valid(teacher)][26][UTT][ MSE = 0.6071 | LCC = 0.6408 | SRCC = 0.5993 ] [SYS][ MSE = 0.1733 | LCC = 0.9733 | SRCC = 0.9077 ]
[Valid(teacher)][26][UTT][ AML = 0.411265 | MoV = 0.322456 | VoV = 0.002293 ]
Train: 100% 845/845 [03:27<00:00,  4.06 step/s]
Average loss=0.13634589314460754
Valid(teacher): 100% 3000/3000 [00:14<00:00, 201.67 step/s]

[Valid(teacher)][27][UTT][ MSE = 0.6032 | LCC = 0.6440 | SRCC = 0.6029 ] [SYS][ MSE = 0.1710 | LCC = 0.9752 | SRCC = 0.9152 ]
[Valid(teacher)][27][UTT][ AML = 0.412746 | MoV = 0.317848 | VoV = 0.002388 ]
Train: 100% 845/845 [03:25<00:00,  4.10 step/s]
Average loss=0.12749578058719635
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.18 step/s]

[Valid(teacher)][28][UTT][ MSE = 0.5915 | LCC = 0.6451 | SRCC = 0.6040 ] [SYS][ MSE = 0.1607 | LCC = 0.9755 | SRCC = 0.9118 ]
[Valid(teacher)][28][UTT][ AML = 0.415862 | MoV = 0.315281 | VoV = 0.002264 ]
Train: 100% 845/845 [03:25<00:00,  4.10 step/s]
Average loss=0.11666233837604523
Valid(teacher): 100% 3000/3000 [00:16<00:00, 180.44 step/s]
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[Valid(teacher)][29][UTT][ MSE = 0.6239 | LCC = 0.6425 | SRCC = 0.6026 ] [SYS][ MSE = 0.1921 | LCC = 0.9753 | SRCC = 0.9077 ]
[Valid(teacher)][29][UTT][ AML = 0.408991 | MoV = 0.308805 | VoV = 0.002345 ]
Train: 100% 845/845 [03:25<00:00,  4.11 step/s]
Average loss=0.10877790302038193
Valid(teacher): 100% 3000/3000 [00:15<00:00, 191.25 step/s]

[Valid(teacher)][30][UTT][ MSE = 0.6059 | LCC = 0.6428 | SRCC = 0.6029 ] [SYS][ MSE = 0.1703 | LCC = 0.9756 | SRCC = 0.9125 ]
[Valid(teacher)][30][UTT][ AML = 0.414837 | MoV = 0.304967 | VoV = 0.002355 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.09491612017154494
Valid(teacher): 100% 3000/3000 [00:15<00:00, 188.87 step/s]

[Valid(teacher)][31][UTT][ MSE = 0.5632 | LCC = 0.6458 | SRCC = 0.6063 ] [SYS][ MSE = 0.1261 | LCC = 0.9771 | SRCC = 0.9330 ]
[Valid(teacher)][31][UTT][ AML = 0.426928 | MoV = 0.302330 | VoV = 0.002315 ]
Train: 100% 845/845 [03:29<00:00,  4.02 step/s]
Average loss=0.0870591327548027
Valid(teacher): 100% 3000/3000 [00:16<00:00, 184.77 step/s]

[Valid(teacher)][32][UTT][ MSE = 0.5318 | LCC = 0.6506 | SRCC = 0.6107 ] [SYS][ MSE = 0.0950 | LCC = 0.9793 | SRCC = 0.9296 ]
[Valid(teacher)][32][UTT][ AML = 0.436196 | MoV = 0.298899 | VoV = 0.002448 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=0.08404041001666946
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.01 step/s]

[Valid(teacher)][33][UTT][ MSE = 0.5438 | LCC = 0.6492 | SRCC = 0.6095 ] [SYS][ MSE = 0.1065 | LCC = 0.9790 | SRCC = 0.9289 ]
[Valid(teacher)][33][UTT][ AML = 0.433706 | MoV = 0.295505 | VoV = 0.002433 ]
Train: 100% 845/845 [03:28<00:00,  4.06 step/s]
Average loss=0.07187538594007492
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.70 step/s]

[Valid(teacher)][34][UTT][ MSE = 0.5336 | LCC = 0.6484 | SRCC = 0.6094 ] [SYS][ MSE = 0.0928 | LCC = 0.9789 | SRCC = 0.9371 ]
[Valid(teacher)][34][UTT][ AML = 0.437797 | MoV = 0.291503 | VoV = 0.002353 ]
Train: 100% 845/845 [03:31<00:00,  4.00 step/s]
Average loss=0.0651982575654983
Valid(teacher): 100% 3000/3000 [00:16<00:00, 185.65 step/s]

[Valid(teacher)][35][UTT][ MSE = 0.5352 | LCC = 0.6460 | SRCC = 0.6080 ] [SYS][ MSE = 0.0916 | LCC = 0.9771 | SRCC = 0.9330 ]
[Valid(teacher)][35][UTT][ AML = 0.438741 | MoV = 0.287035 | VoV = 0.002275 ]
Train: 100% 845/845 [03:25<00:00,  4.11 step/s]
Average loss=0.06088064284298695
Valid(teacher): 100% 3000/3000 [00:16<00:00, 187.42 step/s]

[Valid(teacher)][36][UTT][ MSE = 0.5519 | LCC = 0.6447 | SRCC = 0.6058 ] [SYS][ MSE = 0.1085 | LCC = 0.9777 | SRCC = 0.9337 ]
[Valid(teacher)][36][UTT][ AML = 0.435040 | MoV = 0.283969 | VoV = 0.002326 ]
Train: 100% 845/845 [03:22<00:00,  4.17 step/s]
Average loss=0.049495257437229156
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.66 step/s]

[Valid(teacher)][37][UTT][ MSE = 0.5382 | LCC = 0.6491 | SRCC = 0.6108 ] [SYS][ MSE = 0.0975 | LCC = 0.9799 | SRCC = 0.9371 ]
[Valid(teacher)][37][UTT][ AML = 0.438904 | MoV = 0.281730 | VoV = 0.002345 ]
Train: 100% 845/845 [03:31<00:00,  3.99 step/s]
Average loss=0.03926289454102516
Valid(teacher): 100% 3000/3000 [00:16<00:00, 182.74 step/s]

[Valid(teacher)][38][UTT][ MSE = 0.5496 | LCC = 0.6489 | SRCC = 0.6108 ] [SYS][ MSE = 0.1106 | LCC = 0.9800 | SRCC = 0.9337 ]
[Valid(teacher)][38][UTT][ AML = 0.435877 | MoV = 0.278742 | VoV = 0.002313 ]
Train: 100% 845/845 [03:28<00:00,  4.06 step/s]
Average loss=0.03309297189116478
Valid(teacher): 100% 3000/3000 [00:15<00:00, 187.64 step/s]

[Valid(teacher)][39][UTT][ MSE = 0.5302 | LCC = 0.6476 | SRCC = 0.6091 ] [SYS][ MSE = 0.0880 | LCC = 0.9794 | SRCC = 0.9337 ]
[Valid(teacher)][39][UTT][ AML = 0.442753 | MoV = 0.274624 | VoV = 0.002341 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.02859309501945972
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.80 step/s]

[Valid(teacher)][40][UTT][ MSE = 0.5287 | LCC = 0.6497 | SRCC = 0.6111 ] [SYS][ MSE = 0.0881 | LCC = 0.9802 | SRCC = 0.9432 ]
[Valid(teacher)][40][UTT][ AML = 0.443219 | MoV = 0.273391 | VoV = 0.002375 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=0.01643747517466545
Valid(teacher): 100% 3000/3000 [00:16<00:00, 186.55 step/s]

[Valid(teacher)][41][UTT][ MSE = 0.5236 | LCC = 0.6504 | SRCC = 0.6115 ] [SYS][ MSE = 0.0839 | LCC = 0.9803 | SRCC = 0.9439 ]
[Valid(teacher)][41][UTT][ AML = 0.445697 | MoV = 0.269977 | VoV = 0.002343 ]
Train: 100% 845/845 [03:34<00:00,  3.94 step/s]
Average loss=0.018975274637341
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.82 step/s]

[Valid(teacher)][42][UTT][ MSE = 0.5200 | LCC = 0.6496 | SRCC = 0.6106 ] [SYS][ MSE = 0.0785 | LCC = 0.9801 | SRCC = 0.9439 ]
[Valid(teacher)][42][UTT][ AML = 0.447190 | MoV = 0.268365 | VoV = 0.002320 ]
Train: 100% 845/845 [03:24<00:00,  4.13 step/s]
Average loss=0.0017496083164587617
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.96 step/s]

[Valid(teacher)][43][UTT][ MSE = 0.5182 | LCC = 0.6499 | SRCC = 0.6105 ] [SYS][ MSE = 0.0772 | LCC = 0.9802 | SRCC = 0.9391 ]
[Valid(teacher)][43][UTT][ AML = 0.447742 | MoV = 0.267971 | VoV = 0.002351 ]
Train: 100% 845/845 [03:31<00:00,  4.00 step/s]
Average loss=-0.0061766305007045
Valid(teacher): 100% 3000/3000 [00:15<00:00, 195.01 step/s]

[Valid(teacher)][44][UTT][ MSE = 0.5439 | LCC = 0.6448 | SRCC = 0.6052 ] [SYS][ MSE = 0.0990 | LCC = 0.9780 | SRCC = 0.9227 ]
[Valid(teacher)][44][UTT][ AML = 0.441965 | MoV = 0.262987 | VoV = 0.002295 ]
Train: 100% 845/845 [03:27<00:00,  4.07 step/s]
Average loss=-0.002178940689191222
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.51 step/s]

[Valid(teacher)][45][UTT][ MSE = 0.5201 | LCC = 0.6492 | SRCC = 0.6101 ] [SYS][ MSE = 0.0775 | LCC = 0.9808 | SRCC = 0.9398 ]
[Valid(teacher)][45][UTT][ AML = 0.449231 | MoV = 0.260975 | VoV = 0.002217 ]
Train: 100% 845/845 [03:28<00:00,  4.06 step/s]
Average loss=-0.01156036090105772
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.39 step/s]

[Valid(teacher)][46][UTT][ MSE = 0.5056 | LCC = 0.6487 | SRCC = 0.6113 ] [SYS][ MSE = 0.0589 | LCC = 0.9802 | SRCC = 0.9391 ]
[Valid(teacher)][46][UTT][ AML = 0.454790 | MoV = 0.256354 | VoV = 0.002165 ]
Train: 100% 845/845 [03:28<00:00,  4.05 step/s]
Average loss=-0.0163330002810985
Valid(teacher): 100% 3000/3000 [00:15<00:00, 187.76 step/s]

[Valid(teacher)][47][UTT][ MSE = 0.4923 | LCC = 0.6507 | SRCC = 0.6129 ] [SYS][ MSE = 0.0484 | LCC = 0.9815 | SRCC = 0.9412 ]
[Valid(teacher)][47][UTT][ AML = 0.458459 | MoV = 0.255845 | VoV = 0.002194 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=-0.024885937571525574
Valid(teacher): 100% 3000/3000 [00:15<00:00, 199.38 step/s]

[Valid(teacher)][48][UTT][ MSE = 0.4809 | LCC = 0.6517 | SRCC = 0.6147 ] [SYS][ MSE = 0.0361 | LCC = 0.9823 | SRCC = 0.9460 ]
[Valid(teacher)][48][UTT][ AML = 0.462136 | MoV = 0.252889 | VoV = 0.002190 ]
Train: 100% 845/845 [03:26<00:00,  4.09 step/s]
Average loss=-0.03234581649303436
Valid(teacher): 100% 3000/3000 [00:16<00:00, 182.90 step/s]

[Valid(teacher)][49][UTT][ MSE = 0.4893 | LCC = 0.6517 | SRCC = 0.6142 ] [SYS][ MSE = 0.0459 | LCC = 0.9830 | SRCC = 0.9480 ]
[Valid(teacher)][49][UTT][ AML = 0.459669 | MoV = 0.250117 | VoV = 0.002186 ]
Train: 100% 845/845 [03:28<00:00,  4.06 step/s]
Average loss=-0.03315365314436426
Valid(teacher): 100% 3000/3000 [00:15<00:00, 198.05 step/s]

[Valid(teacher)][50][UTT][ MSE = 0.4785 | LCC = 0.6523 | SRCC = 0.6151 ] [SYS][ MSE = 0.0359 | LCC = 0.9838 | SRCC = 0.9535 ]
[Valid(teacher)][50][UTT][ AML = 0.463213 | MoV = 0.249135 | VoV = 0.002157 ]
Train: 100% 845/845 [03:27<00:00,  4.07 step/s]
Average loss=-0.04916707053780556
Valid(teacher): 100% 3000/3000 [00:15<00:00, 192.84 step/s]

[Valid(teacher)][51][UTT][ MSE = 0.4808 | LCC = 0.6526 | SRCC = 0.6153 ] [SYS][ MSE = 0.0395 | LCC = 0.9837 | SRCC = 0.9521 ]
[Valid(teacher)][51][UTT][ AML = 0.463510 | MoV = 0.245700 | VoV = 0.002105 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=-0.05361490696688625
Valid(teacher): 100% 3000/3000 [00:15<00:00, 188.30 step/s]

[Valid(teacher)][52][UTT][ MSE = 0.4792 | LCC = 0.6527 | SRCC = 0.6157 ] [SYS][ MSE = 0.0387 | LCC = 0.9840 | SRCC = 0.9515 ]
[Valid(teacher)][52][UTT][ AML = 0.464448 | MoV = 0.244471 | VoV = 0.002136 ]
Train: 100% 845/845 [03:38<00:00,  3.87 step/s]
Average loss=-0.05443956304418587
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.83 step/s]

[Valid(teacher)][53][UTT][ MSE = 0.4759 | LCC = 0.6525 | SRCC = 0.6161 ] [SYS][ MSE = 0.0341 | LCC = 0.9837 | SRCC = 0.9521 ]
[Valid(teacher)][53][UTT][ AML = 0.465734 | MoV = 0.241586 | VoV = 0.002064 ]
Train: 100% 845/845 [03:23<00:00,  4.16 step/s]
Average loss=-0.05950431153178215
Valid(teacher): 100% 3000/3000 [00:15<00:00, 189.10 step/s]

[Valid(teacher)][54][UTT][ MSE = 0.4803 | LCC = 0.6524 | SRCC = 0.6161 ] [SYS][ MSE = 0.0409 | LCC = 0.9843 | SRCC = 0.9562 ]
[Valid(teacher)][54][UTT][ AML = 0.464502 | MoV = 0.239401 | VoV = 0.002066 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.0631942674517635
Valid(teacher): 100% 3000/3000 [00:16<00:00, 183.78 step/s]

[Valid(teacher)][55][UTT][ MSE = 0.4665 | LCC = 0.6519 | SRCC = 0.6163 ] [SYS][ MSE = 0.0257 | LCC = 0.9835 | SRCC = 0.9583 ]
[Valid(teacher)][55][UTT][ AML = 0.470144 | MoV = 0.237864 | VoV = 0.001980 ]
Train: 100% 845/845 [03:32<00:00,  3.97 step/s]
Average loss=-0.07334346324205399
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.17 step/s]

[Valid(teacher)][56][UTT][ MSE = 0.4661 | LCC = 0.6485 | SRCC = 0.6137 ] [SYS][ MSE = 0.0204 | LCC = 0.9822 | SRCC = 0.9535 ]
[Valid(teacher)][56][UTT][ AML = 0.472228 | MoV = 0.233559 | VoV = 0.001945 ]
Train: 100% 845/845 [03:24<00:00,  4.14 step/s]
Average loss=-0.0734072104096127
Valid(teacher): 100% 3000/3000 [00:15<00:00, 196.83 step/s]

[Valid(teacher)][57][UTT][ MSE = 0.4687 | LCC = 0.6466 | SRCC = 0.6115 ] [SYS][ MSE = 0.0205 | LCC = 0.9815 | SRCC = 0.9453 ]
[Valid(teacher)][57][UTT][ AML = 0.472489 | MoV = 0.231662 | VoV = 0.001930 ]
Train: 100% 845/845 [03:23<00:00,  4.15 step/s]
Average loss=-0.09058032306905612
Valid(teacher): 100% 3000/3000 [00:15<00:00, 197.34 step/s]

[Valid(teacher)][58][UTT][ MSE = 0.4739 | LCC = 0.6471 | SRCC = 0.6118 ] [SYS][ MSE = 0.0266 | LCC = 0.9825 | SRCC = 0.9528 ]
[Valid(teacher)][58][UTT][ AML = 0.470846 | MoV = 0.229975 | VoV = 0.001946 ]
Train: 100% 845/845 [03:31<00:00,  4.00 step/s]
Average loss=-0.09598583728075027
Valid(teacher): 100% 3000/3000 [00:15<00:00, 194.13 step/s]

[Valid(teacher)][59][UTT][ MSE = 0.4694 | LCC = 0.6477 | SRCC = 0.6132 ] [SYS][ MSE = 0.0230 | LCC = 0.9820 | SRCC = 0.9542 ]
[Valid(teacher)][59][UTT][ AML = 0.472888 | MoV = 0.228370 | VoV = 0.001908 ]
Train: 100% 845/845 [03:26<00:00,  4.10 step/s]
Average loss=-0.09767086065869361
Valid(teacher): 100% 3000/3000 [00:15<00:00, 193.61 step/s]

[Valid(teacher)][60][UTT][ MSE = 0.4662 | LCC = 0.6481 | SRCC = 0.6135 ] [SYS][ MSE = 0.0222 | LCC = 0.9821 | SRCC = 0.9542 ]
[Valid(teacher)][60][UTT][ AML = 0.474484 | MoV = 0.226546 | VoV = 0.001902 ]
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, poss
ibly greatly increasing memory usage. To compact weights again call flatten_parameters(). (Triggered internally at ../aten/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, 194.31 step/s]

[Test(best)][61][UTT][ MSE = 0.4691 | LCC = 0.6633 | SRCC = 0.6327 ] [SYS][ MSE = 0.0402 | LCC = 0.9787 | SRCC = 0.9679 ]
[Test(best)][61][UTT][ AML = 0.475718 | MoV = 0.244444 | VoV = 0.002116 ]
(lxygpu) [x_xlian@node026 DeePMOS]$
```