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[python] x_lilnode001 DeePMOSJS python train.py --lam_c2 --lamb_t=0 --save_path='./runs/c2/run/'
Loading all wav files.
[python] /home/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.
[python] /home/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.
[python] /home/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 [0:24:00:00, 4.13 step/s]
Average loss=438078.84375
Valid(teacher): 100% 3000/3000 [0:15:00:00, 190.42 step/s]
/home/x_xlian/.conda/envs/lyxgpu/lib/python3.8/site-packages/scipy/stats/_distn_infrastructure.py:2086: RuntimeWarning: divide by zero encountered in divide
x = np.asarray((x - loc)/scale, dtype=dtyp)
[Valid(teacher)] [0][UTT]] MSE = 0.9669 | LCC = 0.5274 | SRCC = 0.5807 | [SYS][ MSE = 0.5812 | LCC = 0.8612 | SRCC = 0.8400 ]
[Valid(teacher)] [6][UTT]] AML = nan | MoV = 0.000000 | VoV = 0.000000
Train: 100% 845/845 [0:24:00:00, 4.12 step/s]
Average loss=294883.83125
Valid(teacher): 100% 3000/3000 [0:14:00:00, 202.75 step/s]
[Valid(teacher)] [1][UTT]] MSE = 0.9778 | LCC = 0.5650 | SRCC = 0.5281 | [SYS][ MSE = 0.5725 | LCC = 0.9111 | SRCC = 0.8564 ]
[Valid(teacher)] [11][UTT]] AML = nan | MoV = 0.000000 | VoV = 0.000000
Train: 100% 845/845 [0:23:00:00, 4.15 step/s]
Average loss=279238.65625
Valid(teacher): 100% 3000/3000 [0:14:00:00, 200.06 step/s]
[Valid(teacher)] [12][UTT]] MSE = 0.6598 | LCC = 0.5883 | SRCC = 0.5466 | [SYS][ MSE = 0.2219 | LCC = 0.9396 | SRCC = 0.8749 ]
[Valid(teacher)] [2][UTT]] AML = nan | MoV = 0.000000 | VoV = 0.000000
Train: 100% 845/845 [0:23:00:00, 4.16 step/s]
Average loss=207240.125
Valid(teacher): 100% 3000/3000 [0:15:00:00, 199.42 step/s]
[Valid(teacher)] [3][UTT]] MSE = 0.7432 | LCC = 0.5972 | SRCC = 0.5551 | [SYS][ MSE = 0.3216 | LCC = 0.9458 | SRCC = 0.8619 ]
[Valid(teacher)] [3][UTT]] AML = nan | MoV = 0.000000 | VoV = 0.000000
Train: 100% 845/845 [0:25:00:00, 4.11 step/s]
Average loss=258615.3125
Valid(teacher): 100% 3000/3000 [0:14:00:00, 201.99 step/s]
[Valid(teacher)] [4][UTT]] MSE = 0.8961 | LCC = 0.6030 | SRCC = 0.5639 | [SYS][ MSE = 0.5858 | LCC = 0.9480 | SRCC = 0.8838 ]
[Valid(teacher)] [4][UTT]] AML = nan | MoV = 0.000000 | VoV = 0.000000
Train: 100% 845/845 [0:25:00:00, 4.18 step/s]
Average loss=249807.234375
Valid(teacher): 100% 3000/3000 [0:14:00:00, 201.18 step/s]
[Valid(teacher)] [5][UTT]] MSE = 1.1227 | LCC = 0.5948 | SRCC = 0.5589 | [SYS][ MSE = 0.7457 | LCC = 0.9482 | SRCC = 0.8954 ]
[Valid(teacher)] [15][UTT]] AML = nan | MoV = 0.000000 | VoV = 0.000000
Train: 100% 845/845 [0:23:00:00, 4.14 step/s]
Average loss=243600.703125
Valid(teacher): 100% 3000/3000 [0:14:00:00, 202.03 step/s]
[Valid(teacher)] [6][UTT]] MSE = 1.2592 | LCC = 0.5921 | SRCC = 0.5577 | [SYS][ MSE = 0.8895 | LCC = 0.9465 | SRCC = 0.8879 ]
[Valid(teacher)] [14][UTT]] AML = nan | MoV = 0.000000 | VoV = 0.000000
Train: 100% 845/845 [0:25:00:00, 4.10 step/s]
Average loss=228922.875
Valid(teacher): 100% 3000/3000 [0:15:00:00, 198.68 step/s]
[Valid(teacher)] [7][UTT]] MSE = 1.2446 | LCC = 0.5914 | SRCC = 0.5572 | [SYS][ MSE = 0.8733 | LCC = 0.9418 | SRCC = 0.8667 ]
[Valid(teacher)] [7][UTT]] AML = nan | MoV = 0.000000 | VoV = 0.000000
Train: 100% 845/845 [0:25:00:00, 4.10 step/s]
Average loss=202742.89375
Valid(teacher): 100% 3000/3000 [0:14:00:00, 200.28 step/s]
[Valid(teacher)] [8][UTT]] MSE = 1.0750 | LCC = 0.5974 | SRCC = 0.5591 | [SYS][ MSE = 0.6903 | LCC = 0.9409 | SRCC = 0.8564 ]
[Valid(teacher)] [8][UTT]] AML = nan | MoV = 0.000000 | VoV = 0.000000
Train: 100% 845/845 [0:25:00:00, 4.10 step/s]
Average loss=229195.796875
Valid(teacher): 100% 3000/3000 [0:15:00:00, 197.92 step/s]
[Valid(teacher)] [9][UTT]] MSE = 1.0408 | LCC = 0.5995 | SRCC = 0.5614 | [SYS][ MSE = 0.6559 | LCC = 0.9400 | SRCC = 0.8434 ]
[Valid(teacher)] [9][UTT]] AML = nan | MoV = 0.000000 | VoV = 0.000000
Train: 100% 845/845 [0:25:00:00, 4.11 step/s]
Average loss=224081.89375
Valid(teacher): 100% 3000/3000 [0:14:00:00, 200.68 step/s]
[Valid(teacher)] [10][UTT]] MSE = 0.7546 | LCC = 0.6166 | SRCC = 0.5758 | [SYS][ MSE = 0.3480 | LCC = 0.9494 | SRCC = 0.8462 ]
[Valid(teacher)] [10][UTT]] AML = nan | MoV = 0.000000 | VoV = 0.000000
Train: 100% 845/845 [0:26:00:00, 4.10 step/s]
Average loss=218300.28125
Valid(teacher): 100% 3000/3000 [0:15:00:00, 198.22 step/s]
[Valid(teacher)] [11][UTT]] MSE = 0.7501 | LCC = 0.6148 | SRCC = 0.5745 | [SYS][ MSE = 0.3380 | LCC = 0.9494 | SRCC = 0.8503 ]
[Valid(teacher)] [11][UTT]] AML = nan | MoV = 0.000000 | VoV = 0.000000
Train: 100% 845/845 [0:25:00:00, 4.11 step/s]
Average loss=17708.42169375
Valid(teacher): 100% 3000/3000 [0:15:00:00, 197.33 step/s]
[Valid(teacher)] [12][UTT]] MSE = 0.6405 | LCC = 0.6266 | SRCC = 0.5845 | [SYS][ MSE = 0.2200 | LCC = 0.9567 | SRCC = 0.8687 ]
[Valid(teacher)] [12][UTT]] AML = 0.457136 | MoV = 0.878853 | VoV = 0.000043
Train: 100% 845/845 [0:25:00:00, 4.12 step/s]
Average loss=0.42322579522223
Valid(teacher): 100% 3000/3000 [0:15:00:00, 198.42 step/s]
[Valid(teacher)] [13][UTT]] MSE = 0.6266 | LCC = 0.6299 | SRCC = 0.5883 | [SYS][ MSE = 0.2104 | LCC = 0.9556 | SRCC = 0.8598 ]
[Valid(teacher)] [13][UTT]] AML = 0.438255 | MoV = 0.181570 | VoV = 0.000286
Train: 100% 845/845 [0:25:00:00, 4.11 step/s]
Average loss=0.35898840183912354
Valid(teacher): 100% 3000/3000 [0:14:00:00, 200.46 step/s]
[Valid(teacher)] [14][UTT]] MSE = 0.6388 | LCC = 0.6319 | SRCC = 0.5914 | [SYS][ MSE = 0.2274 | LCC = 0.9556 | SRCC = 0.8728 ]
[Valid(teacher)] [14][UTT]] AML = 0.419094 | MoV = 0.249797 | VoV = 0.000699
Train: 100% 845/845 [0:26:00:00, 4.10 step/s]
Average loss=0.314908587738484
Valid(teacher): 100% 3000/3000 [0:15:00:00, 199.37 step/s]
[Valid(teacher)] [15][UTT]] MSE = 0.6368 | LCC = 0.6338 | SRCC = 0.5934 | [SYS][ MSE = 0.2267 | LCC = 0.9570 | SRCC = 0.8851 ]
[Valid(teacher)] [15][UTT]] AML = 0.418361 | MoV = 0.29268 | VoV = 0.001097
Train: 100% 845/845 [0:25:00:00, 4.11 step/s]
Average loss=0.295352338142395
Valid(teacher): 100% 3000/3000 [0:14:00:00, 201.26 step/s]
[Valid(teacher)] [16][UTT]] MSE = 0.6251 | LCC = 0.6369 | SRCC = 0.5964 | [SYS][ MSE = 0
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Average loss=0.146645443772764
Valid(teacher): 100% 3000/3000 [00:14:00:00, 201.18 step/s]

[Valid(teacher)][29][UTTI][MSE = 0.5741 | LCC = 0.6477 | SRCC = 0.6094] [SYS][MSE = 0.1633 | LCC = 0.9697 | SRCC = 0.9186]
[Valid(teacher)][29][UTTI][AML = 0.418080 | MoV = 0.323587 | VoV = 0.002938]
Train: 100% 845/845 [03:25:00:00, 4.12 step/s]
Average loss=0.1338941319456372
Valid(teacher): 100% 3000/3000 [00:14:00:00, 201.86 step/s]

[Valid(teacher)][30][UTTI][MSE = 0.5659 | LCC = 0.6484 | SRCC = 0.6185] [SYS][MSE = 0.1542 | LCC = 0.9702 | SRCC = 0.9186]
[Valid(teacher)][30][UTTI][AML = 0.420925 | MoV = 0.318911 | VoV = 0.002810]
Train: 100% 845/845 [03:25:00:00, 4.11 step/s]
Average loss=0.12338922172784805
Valid(teacher): 100% 3000/3000 [00:14:00:00, 201.40 step/s]

[Valid(teacher)][31][UTTI][MSE = 0.5580 | LCC = 0.6483 | SRCC = 0.6187] [SYS][MSE = 0.1358 | LCC = 0.9718 | SRCC = 0.9309]
[Valid(teacher)][31][UTTI][AML = 0.425595 | MoV = 0.315575 | VoV = 0.002963]
Train: 100% 845/845 [03:25:00:00, 4.11 step/s]
Average loss=0.1128395273047256
Valid(teacher): 100% 3000/3000 [00:14:00:00, 201.39 step/s]

[Valid(teacher)][32][UTTI][MSE = 0.5351 | LCC = 0.6484 | SRCC = 0.6100] [SYS][MSE = 0.1165 | LCC = 0.9709 | SRCC = 0.9309]
[Valid(teacher)][32][UTTI][AML = 0.430572 | MoV = 0.311328 | VoV = 0.002968]
Train: 100% 845/845 [03:25:00:00, 4.10 step/s]
Average loss=0.1048045977980045
Valid(teacher): 100% 3000/3000 [00:15:00:00, 194.77 step/s]

[Valid(teacher)][33][UTTI][MSE = 0.5262 | LCC = 0.6482 | SRCC = 0.6099] [SYS][MSE = 0.1063 | LCC = 0.9710 | SRCC = 0.9262]
[Valid(teacher)][33][UTTI][AML = 0.433841 | MoV = 0.307670 | VoV = 0.002989]
Train: 100% 845/845 [03:25:00:00, 4.11 step/s]
Average loss=0.0942562455758971
Valid(teacher): 100% 3000/3000 [00:14:00:00, 201.73 step/s]

[Valid(teacher)][34][UTTI][MSE = 0.5118 | LCC = 0.6490 | SRCC = 0.6111] [SYS][MSE = 0.0899 | LCC = 0.9713 | SRCC = 0.9262]
[Valid(teacher)][34][UTTI][AML = 0.438548 | MoV = 0.304725 | VoV = 0.002937]
Train: 100% 845/845 [03:25:00:00, 4.12 step/s]
Average loss=0.09008213877677917
Valid(teacher): 100% 3000/3000 [00:14:00:00, 201.27 step/s]

[Valid(teacher)][35][UTTI][MSE = 0.5080 | LCC = 0.6497 | SRCC = 0.6116] [SYS][MSE = 0.0851 | LCC = 0.9725 | SRCC = 0.9316]
[Valid(teacher)][35][UTTI][AML = 0.440595 | MoV = 0.301309 | VoV = 0.002923]
Train: 100% 845/845 [03:25:00:00, 4.11 step/s]
Average loss=0.07964351773262024
Valid(teacher): 100% 3000/3000 [00:14:00:00, 201.23 step/s]

[Valid(teacher)][36][UTTI][MSE = 0.5138 | LCC = 0.6488 | SRCC = 0.6109] [SYS][MSE = 0.0899 | LCC = 0.9733 | SRCC = 0.9316]
[Valid(teacher)][36][UTTI][AML = 0.439072 | MoV = 0.297144 | VoV = 0.002906]
Train: 100% 845/845 [03:25:00:00, 4.12 step/s]
Average loss=0.0759774670804447
Valid(teacher): 100% 3000/3000 [00:14:00:00, 202.74 step/s]

[Valid(teacher)][37][UTTI][MSE = 0.5189 | LCC = 0.6481 | SRCC = 0.6111] [SYS][MSE = 0.0855 | LCC = 0.9731 | SRCC = 0.9371]
[Valid(teacher)][37][UTTI][AML = 0.441224 | MoV = 0.294284 | VoV = 0.002965]
Train: 100% 845/845 [03:25:00:00, 4.11 step/s]
Average loss=0.067602923782469
Valid(teacher): 100% 3000/3000 [00:14:00:00, 201.93 step/s]

[Valid(teacher)][38][UTTI][MSE = 0.4972 | LCC = 0.6484 | SRCC = 0.6117] [SYS][MSE = 0.0687 | LCC = 0.9720 | SRCC = 0.9330]
[Valid(teacher)][38][UTTI][AML = 0.440845 | MoV = 0.291931 | VoV = 0.002969]
Train: 100% 845/845 [03:25:00:00, 4.11 step/s]
Average loss=0.0676324207751592
Valid(teacher): 100% 3000/3000 [00:14:00:00, 202.37 step/s]

[Valid(teacher)][39][UTTI][MSE = 0.4779 | LCC = 0.6495 | SRCC = 0.6125] [SYS][MSE = 0.0454 | LCC = 0.9725 | SRCC = 0.9330]
[Valid(teacher)][39][UTTI][AML = 0.453084 | MoV = 0.288737 | VoV = 0.002864]
Train: 100% 845/845 [03:25:00:00, 4.10 step/s]
Average loss=0.05647074058651924
Valid(teacher): 100% 3000/3000 [00:14:00:00, 201.88 step/s]

[Valid(teacher)][40][UTTI][MSE = 0.4839 | LCC = 0.6489 | SRCC = 0.6117] [SYS][MSE = 0.0517 | LCC = 0.9722 | SRCC = 0.9330]
[Valid(teacher)][40][UTTI][AML = 0.452483 | MoV = 0.283304 | VoV = 0.002894]
Train: 100% 845/845 [03:25:00:00, 4.11 step/s]
Average loss=0.04661824554284941
Valid(teacher): 100% 3000/3000 [00:14:00:00, 201.60 step/s]

[Valid(teacher)][41][UTTI][MSE = 0.4734 | LCC = 0.6479 | SRCC = 0.6108] [SYS][MSE = 0.0373 | LCC = 0.9721 | SRCC = 0.9330]
[Valid(teacher)][41][UTTI][AML = 0.452748 | MoV = 0.281804 | VoV = 0.002906]
Train: 100% 845/845 [03:26:00:00, 4.10 step/s]
Average loss=0.04008556536822186
Valid(teacher): 100% 3000/3000 [00:14:00:00, 201.52 step/s]

[Valid(teacher)][42][UTTI][MSE = 0.4725 | LCC = 0.6487 | SRCC = 0.6123] [SYS][MSE = 0.0359 | LCC = 0.9714 | SRCC = 0.9357]
[Valid(teacher)][42][UTTI][AML = 0.450261 | MoV = 0.278315 | VoV = 0.002812]
Train: 100% 845/845 [03:25:00:00, 4.11 step/s]
Average loss=0.0352373934097945
Valid(teacher): 100% 3000/3000 [00:15:00:00, 198.63 step/s]

[Valid(teacher)][43][UTTI][MSE = 0.4737 | LCC = 0.6484 | SRCC = 0.6121] [SYS][MSE = 0.0367 | LCC = 0.9720 | SRCC = 0.9282]
[Valid(teacher)][43][UTTI][AML = 0.450780 | MoV = 0.275415 | VoV = 0.002842]
Train: 100% 845/845 [03:25:00:00, 4.11 step/s]
Average loss=0.03215235945741432
Valid(teacher): 100% 3000/3000 [00:15:00:00, 199.39 step/s]

[Valid(teacher)][44][UTTI][MSE = 0.4745 | LCC = 0.6461 | SRCC = 0.6109] [SYS][MSE = 0.0338 | LCC = 0.9714 | SRCC = 0.9330]
[Valid(teacher)][44][UTTI][AML = 0.459371 | MoV = 0.273715 | VoV = 0.002988]
Train: 100% 845/845 [03:25:00:00, 4.11 step/s]
Average loss=0.01671703071981453
Valid(teacher): 100% 3000/3000 [00:15:00:00, 195.67 step/s]

[Valid(teacher)][45][UTTI][MSE = 0.4739 | LCC = 0.6450 | SRCC = 0.6106] [SYS][MSE = 0.0305 | LCC = 0.9709 | SRCC = 0.9282]
[Valid(teacher)][45][UTTI][AML = 0.461373 | MoV = 0.269532 | VoV = 0.002981]
Train: 100% 845/845 [03:25:00:00, 4.12 step/s]
Average loss=0.04865307733416557
Valid(teacher): 100% 3000/3000 [00:14:00:00, 200.05 step/s]

[Valid(teacher)][46][UTTI][MSE = 0.4796 | LCC = 0.6445 | SRCC = 0.6101] [SYS][MSE = 0.0362 | LCC = 0.9718 | SRCC = 0.9309]
[Valid(teacher)][46][UTTI][AML = 0.459943 | MoV = 0.267303 | VoV = 0.002977]
Train: 100% 845/845 [03:25:00:00, 4.11 step/s]
Average loss=0.0019554408507585526
Valid(teacher): 100% 3000/3000 [00:15:00:00, 198.42 step/s]

[Valid(teacher)][47][UTTI][MSE = 0.4759 | LCC = 0.6442 | SRCC = 0.6101] [SYS][MSE = 0.0300 | LCC = 0.9704 | SRCC = 0.9289]
[Valid(teacher)][47][UTTI][AML = 0.462095 | MoV = 0.264781 | VoV = 0.002947]
Train: 100% 845/845 [03:25:00:00, 4.10 step/s]
Average loss=0.0008562456843954
Valid(teacher): 100% 3000/3000 [00:15:00:00, 198.21 step/s]

[Valid(teacher)][48][UTTI][MSE = 0.4786 | LCC = 0.6428 | SRCC = 0.6003] [SYS][MSE = 0.0311 | LCC = 0.9709 | SRCC = 0.9282]
[Valid(teacher)][48][UTTI][AML = 0.462680 | MoV = 0.261367 | VoV = 0.002872]
Train: 100% 845/845 [03:25:00:00, 4.11 step/s]
Average loss=0.0164395192123481
Valid(teacher): 100% 3000/3000 [00:15:00:00, 196.82 step/s]

[Valid(teacher)][49][UTTI][MSE = 0.4789 | LCC = 0.6421 | SRCC = 0.6080] [SYS][MSE = 0.0292 | LCC = 0.9699 | SRCC = 0.9282]
[Valid(teacher)][49][UTTI][AML = 0.464824 | MoV = 0.254416 | VoV = 0.002774]
Train: 100% 845/845 [03:25:00:00, 4.12 step/s]
Average loss=0.01478762012709088
Valid(teacher): 100% 3000/3000 [00:14:00:00, 202.12 step/s]

[Valid(teacher)][50][UTTI][MSE = 0.4802 | LCC = 0.6413 | SRCC = 0.6069] [SYS][MSE = 0.0306 | LCC = 0.9701 | SRCC = 0.9282]
[Valid(teacher)][50][UTTI][AML = 0.464112 | MoV = 0.253575 | VoV = 0.002787]
Train: 100% 845/845 [03:25:00:00, 4.12 step/s]
Average loss=0.01175677590072155
Valid(teacher): 100% 3000/3000 [00:14:00:00, 200.51 step/s]

[Valid(teacher)][51][UTTI][MSE = 0.4819 | LCC = 0.6398 | SRCC = 0.6059] [SYS][MSE = 0.0209 | LCC = 0.9693 | SRCC = 0.9209]
[Valid(teacher)][51][UTTI][AML = 0.464134 | MoV = 0.253638 | VoV = 0.002824]
Train: 100% 845/845 [03:25:00:00, 4.13 step/s]
Average loss=0.0256335255391121
Valid(teacher): 100% 3000/3000 [00:14:00:00, 201.61 step/s]

[Valid(teacher)][52][UTTI][MSE = 0.4856 | LCC = 0.6400 | SRCC = 0.6080] [SYS][MSE = 0.0330 | LCC = 0.9691 | SRCC = 0.9268]
[Valid(teacher)][52][UTTI][AML = 0.463202 | MoV = 0.251558 | VoV = 0.003006]
Train: 100% 845/845 [03:26:00:00, 4.09 step/s]
Average loss=0.0333955623094765
Valid(teacher): 100% 3000/3000 [00:14:00:00, 200.91 step/s]

[Valid(teacher)][53][UTTI][MSE = 0.4814 | LCC = 0.6417 | SRCC = 0.6004] [SYS][MSE = 0.0286 | LCC = 0.9688 | SRCC = 0.9309]
[Valid(teacher)][53][UTTI][AML = 0.466802 | MoV = 0.247593 | VoV = 0.002943]
Train: 100% 845/845 [03:25:00:00, 4.12 step/s]
Average loss=0.0393608362124252
Valid(teacher): 100% 3000/3000 [00:15:00:00, 198.12 step/s]

[Valid(teacher)][54][UTTI][MSE = 0.4854 | LCC = 0.6408 | SRCC = 0.6074] [SYS][MSE = 0.0332 | LCC = 0.9694 | SRCC = 0.9282]
[Valid(teacher)][54][UTTI][AML = 0.466956 | MoV = 0.244803 | VoV = 0.003030]
Train: 100% 845/845 [03:25:00:00, 4.12 step/s]
Average loss=0.04499296471705055
Valid(teacher): 100% 3000/3000 [00:15:00:00, 199.05 step/s]

[Valid(teacher)][55][UTTI][MSE = 0.4833 | LCC = 0.6405 | SRCC = 0.6081] [SYS][MSE = 0.0278 | LCC = 0.9687 | SRCC = 0.9309]
[Valid(teacher)][55][UTTI][AML = 0.468341 | MoV = 0.242488 | VoV = 0.002955]
Train: 100% 845/845 [03:25:00:00, 4.10 step/s]
Average loss=0.0524683969812393
Valid(teacher): 100% 3000/3000 [00:14:00:00, 201.47 step/s]

[Valid(teacher)][56][UTTI][MSE = 0.4857 | LCC = 0.6396 | SRCC = 0.6079] [SYS][MSE = 0.0316 | LCC = 0.9684 | SRCC = 0.9296]
[Valid(teacher)][56][UTTI][AML = 0.468014 | MoV = 0.240220 | VoV = 0.003007]
Train: 100% 845/845 [03:26:00:00, 4.13 step/s]
Average loss=0.0602671368121800
Valid(teacher): 100% 3000/3000 [00:15:00:00, 198.50 step/s]

[Valid(teacher)][57][UTTI][MSE = 0.4860 | LCC = 0.6386 | SRCC = 0.6071] [SYS][MSE = 0.0330 | LCC = 0.9693 | SRCC = 0.9289]
[Valid(teacher)][57][UTTI][AML = 0.468353 | MoV = 0.238804 | VoV = 0.002909]
Train: 100% 845/845 [03:25:00:00, 4.12 step/s]
Average loss=0.06084664636858357
Valid(teacher): 100% 3000/3000 [00:15:00:00, 198.85 step/s]

[Valid(teacher)][58][UTTI][MSE = 0.4887 | LCC = 0.6385 | SRCC = 0.6068] [SYS][MSE = 0.0377 | LCC = 0.9681 | SRCC = 0.9268]
[Valid(teacher)][58][UTTI][AML = 0.468237 | MoV = 0.234475 | VoV = 0.002891]
Train: 100% 845/845 [03:26:00:00, 4.09 step/s]
Average loss=0.07010578299625397
Valid(teacher): 100% 3000/3000 [00:14:00:00, 201.32 step/s]

[Valid(teacher)][59][UTTI][MSE = 0.4907 | LCC = 0.6370 | SRCC = 0.6059] [SYS][MSE = 0.0355 | LCC = 0.9679 | SRCC = 0.9296]
[Valid(teacher)][59][UTTI][AML = 0.468305 | MoV = 0.231535 | VoV = 0.002955]
Train: 100% 845/845 [03:25:00:00, 4.11 step/s]
Average loss=0.0702423717980593
Valid(teacher): 100% 3000/3000 [00:14:00:00, 200.74 step/s]

[Valid(teacher)][60][UTTI][MSE = 0.4890 | LCC = 0.6376 | SRCC = 0.6069] [SYS][MSE = 0.0351 | LCC = 0.9672 | SRCC = 0.9303]
[Valid(teacher)][60][UTTI][AML = 0.469340 | MoV = 0.228524 | VoV = 0.003033]
Best model performance test:
Test(best): 0% 0/4000 [00:00:07, 7 step/s] home/x_xlian/.conda/envs/lyvgpu/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.attn_inout_h, h, _VF.attn_inout_h, self.bias, self.num_layers,
Test(best): 100% 4000/4000 [00:20:00:00, 194.49 step/s]

[Test(best)][1][61][UTTI][MSE = 0.4936 | LCC = 0.6460 | SRCC = 0.6291] [SYS][MSE = 0.0826 | LCC = 0.9694 | SRCC = 0.9631]
[Test(best)][1][61][UTTI][AML = 0.451833 | MoV = 0.301158 | VoV = 0.002937]