Loading base model ()...Using cache found in /home/edric/.cache/torch/hub/rwightman_gen-efficientnet-pytorch_master /home/edric/PycharmProjects/.venv/bin/python /home/edric/PycharmProjects/UnetWithVIT/vitTrain.py Removing last two layers (global_pool & classifier). Building Encoder-Decoder model..Done. Using diff LR Epoch 0 Epoch: 4/25. Loop: Train: 4014it [17:04, 3.92it/s] Epoch: 6/25. Loop: Train: 4014it [17:01, 3.93it/s] Epoch: 8/25. Loop: Train: 4014it [16:58, 3.94it/s] Epoch: 7/25. Loop: Train: 4014it [16:59, 3.94it/s] LR:0.00001- vitTrain Epoch 6 Epoch 3 Epoch 4 Epoch 5 Epoch 7 Epoch 8 Epoch 1 Epoch 2 51 52 53 20 30 31 32 33 34 35 36 37 38 40 42 43 44 45 21 22 23 24 25 26 27 27 28 46 47 4 48

0

0 Validated: {'a1': 0.8453684522834988, 'a2': 0.9256905163230598, 'a3': 0.9538717097649408, 'abs_rel': 0.18879479283636272, 'rmse': 0.058782388166609134, 'log_10': 0.06604123333638372, 'rmse_log': 0.24984281180257148, 'silog': 23.7232932498338, 'sq_rel': 0.02633639306560244} 70 Epoch: 13/25. Loop: Train: 4014it [16:57, 3.95it/s]
71 Epoch: 13/25. Loop: Validation: 100% | DDDDDDDDD | 550/550 [00:50<00:00, 10.94it/s]
72 Epoch: 14/25. Loop: Train: 0it [00:00, ?it/s]val_si: <utils.RunningAverage object at 0x7f7d46bc2280>
73 Epoch: 14/25. Loop: Train: 0it [00:00, ?it/s]val_si: <utils.RunningAverage object at 0x7f7d46bc2280>
74 Epoch: 14/25. Loop: Train: 0.840828097722665, 'a2': 0.9235312052136416, 'a3': 0.9523267014434643, 'abs_rel': 0.19633558315986932, 'rmse': 0.05876975191595879, 'silog': 23.618681779105334, 'sq_rel': 0.0262795593062565918} Validated: {'a1': 0.8335498538490816, 'a2': 0.9245012880562249, 'a3': 0.9536727939212487, 'abs_rel': 0.20057590249587195, 'rmse': 0.05909546519036999, 'log_10': 0.06872735174034138, 'rmse_log': 0.2530532154847273, 'silog': 23.771114869978305, 'sq_rel': 0.026834106522781603} 0 Valīdated: {'a1': 0.846482265571015, 'a2': 0.9257953831199917, 'a3': 0.9535364339593486, 'abs_rel': 0.18976727092807943, 'rmse': 0.05979627498510209, 'log_10': 0.0665512768382337, 'rmse_log': 0.2521532869406721, 'silog': 24.001173827854707, 'sq_rel': 0.026950318269029442} Epoch: 12/25. Loop: Train: Oit [00:00, ?it/s]val_si: <utils.RunningAverage object at 0x7f7d46bc27c0> Validated: {'a1': 0.826954995692832, 'a2': 0.9230113784851001, 'a3': 0.9536145858070383, 'abs_rel': 0.19073788268322306, 'rmse': 0.061949798884716904, 'log_10': 0.6934884672137825, 'rmse_log': 0.25267247304320334, 'silog': 23.665830577510157, 'sq_rel': 0.023756508183432754} val_si: <utils.RunningAverage object at 0x7f7d46bc2400> Validated: {'a1': 0.8466661193536272, 'a2': 0.9283798321691022, 'a3': 0.9552877477374031, 'abs_rel': 0.18582873898473662, 'rmse': 0.05878522376445208, 'log_10': @665359062430534, 'rmse_log': 0.2494422466375611, 'silog': 23.708533132809745, 'sq_rel': 0.025052035646830603} 'rmse_log': 0.26222986041144875, 'silog': 24.36669936679605, 'sq_rel': 0.02604860229036686] 74 Epoch 13
75 Epoch: 14/25. Loop: Train: 4014it [16:57, 3.95it/s]
76 Epoch: 14/25. Loop: Validation: 100%|DDDDDDDDDDDDD 550/550 [00:50<00:00, 10.93it/s]
77 val_si: <utils.RunningAverage object at 0x7f7d46bc2460>
78 Validated: {'a1': 0.8335498538490816, 'a2': 0.9245012880562249, 'a3': 0.9536727938 Epoch: 11/25. Loop: Train: 4014it [16:57, 3.94it/s] Epoch: 11/25. Loop: Validation: 100%|DDDDDDDDDDD 550/550 [00:50<00:00, 10.92it/s] Epoch: 12/25. Loop: Train: 4014it [16:58, 3.94it/s] Epoch: 12/25. Loop: Validation: 100%|DDDDDDDDDD| 550/550 [00:50<00:00, 10.94it/s] Epoch: 18/25. Loop: Validation: 100%|DDDDDDDDD| 550/550 [00:50<00:00, 10.92it/s] val_si: <utils.RunningAverage object at 0x7f7d46bc2040> Epoch: 16/25. Loop: Train: 4014it [16:57, 3.94it/s] Epoch: 16/25. Loop: Validation: 100%|DDDDDDDDDDD 550/550 [00:50<00:00, 10.93it/s] val_si: <utils.RunningAverage object at 0x7f7d46bc27c0> Epoch: 18/25. Loop: Train: 4014it [16:57, 3.94it/s] Epoch: 19/25. Loop: Train: 4014it [16:58, 3.94it/s] Epoch: 15/25. Loop: Train: 4014it [16:56, 3.95it/s] Epoch: 17/25. Loop: Train: 4014it [16:57, 3.94it/s] 07475640853358943, Epoch 10 Epoch 14 Epoch 11 69 Epoch 42 Epoch 15 Epoch 16 Epoch 17 Epoch 18 84 B 85 B 86 B 87 \ 99 59 60 61 62 63 79 80 81 82 83 94 95 96 97 101 102 89 90 92 93

LR:0.00001- vitTrain

LR:0.00001- vitTrain

- 3.94it/s Loop: Train: 4014it [16:58, Epoch: 20/25.
- Epoch 20

Epoch 21

- 115 Epoch: 22/25. Loop: Train: 4014it [16:59, 3.94it/s]
 116 Epoch: 22/25. Loop: Validation: 100%|UUUUUUUUUU 550/550 [00:51<00:00, 10.60it/s]
 117 val_si: <utils.RunningAverage object at 0x7f7d46bc2070>
- 118 Valīdated: {'a1': 0.8502385406083423, 'a2': 0.925486035032342, 'a3': 0.9524586380743207, 'abs_rel': 0.19357440478422427, 'rmse': 0.059896437151526864, 'log_10': 0.06599065073681148, 'rmse_log': 0.2559996064142747, 'silog': 24.35752904859212, 'sq_rel': 0.029867245075398712}

Epoch 22

- - Epoch 23
- - Epoch 24
 - 130 Epoch: 25/25. Loop: Train: 4014it [16:58, 3.94it/s]
 131 Epoch: 25/25. Loop: Validation: 100%|DDDDDDDDDDDD 550/550 [00:50<00:00, 10.90it/s]
 132 val_si: <utils.RunningAverage object at 0x7f7d46bc2040>
- Validated: {'a1': 0.8475761283578903, 'a2': 0.9242124682120427, 'a3': 0.9517193203566225, 'abs_rel': 0.19632370525463066, 'rmse': 0.06045207312499935, 'log_10': 0.06677266606045049, 'rmse_log': 0.2578369497507812, 'silog': 24.51177857355583, 'sq_rel': 0.03015787538479675}
- 135 00000000000 0