Train_corrmask = False:

Threshold = 0.01, val_acc = 0.54, test_acc = 0.52

```
Epoch: 96 | LR: 0.00100000
Epoch96. train_loss: 947.27561297. train_acc: 0.61423913.
Epoch96. val_loss: 1118.67635727. val_acc: 0.54119796.
Epoch96. test_loss: 1197.76480103. test_acc: 0.52247411.
```

Threshold = 0.02, val_acc = 0.94, test_acc = 0.93

```
Epoch: 91 | LR: 0.00100000
Epoch91. train_loss: 768.74847085. train_acc: 0.96117381.
Epoch91. val_loss: 958.10918808. val_acc: 0.94289500.
Epoch91. test_loss: 1044.32189941. test_acc: 0.92778146.
```

Threshold = 0.04, val_acc = 0.998 test_acc = 0.999

```
Epoch: 100 | LR: 0.00100000
Epoch100. train_loss: 634.36332158. train_acc: 0.99968921.
Epoch100. val_loss: 870.67532730. val_acc: 0.99853241.
Epoch100. test_loss: 943.97399521. test_acc: 0.99900109.
```

Train_corrmask = True:

Val_acc = 0.82, test_acc = 0.79

Rotation is shown as follow:

```
Epoch: 80 | LR: 0.00100000
Average fitted rotation:  [ 0.17096975 -0.42932012 -8.87048931]
Average fitted rotation:  [ 0.38205862 -0.21700899 -8.82099087]
Epoch80. train_loss: 0.26802887. train_acc: 0.87720911.
Epoch80. val_loss: 0.39467822. val_acc: 0.82354897.
Epoch80. test_loss: 0.45233264. test_acc: 0.79324168.
```