xj batch size root.self recon validate loss 0.001 batch\_size=16 batch size=32 batch size=64  $0.000 \pm 0.000$ batch\_size=128 root.predict.z root.predict.imag@alidate loss 0.5 validate loss 0.001 0.000 validate linear proj mse 1500 2000 2500 3000 3500 4000

epoch