Training and Validation Loss with Standard Deviation (MSE) 180 160 140 Train VAE Loss Standard Deviation 120 Valid VAE Loss Standard Deviation Train Recons loss SS 100 -Standard Deviation Validation Recons Loss Standard Deviation Train kld loss 80 Standard Deviation Validation kld Loss Standard Deviation 60 40 20 25 50 75 100 125 150 175 200 0 **Epochs**