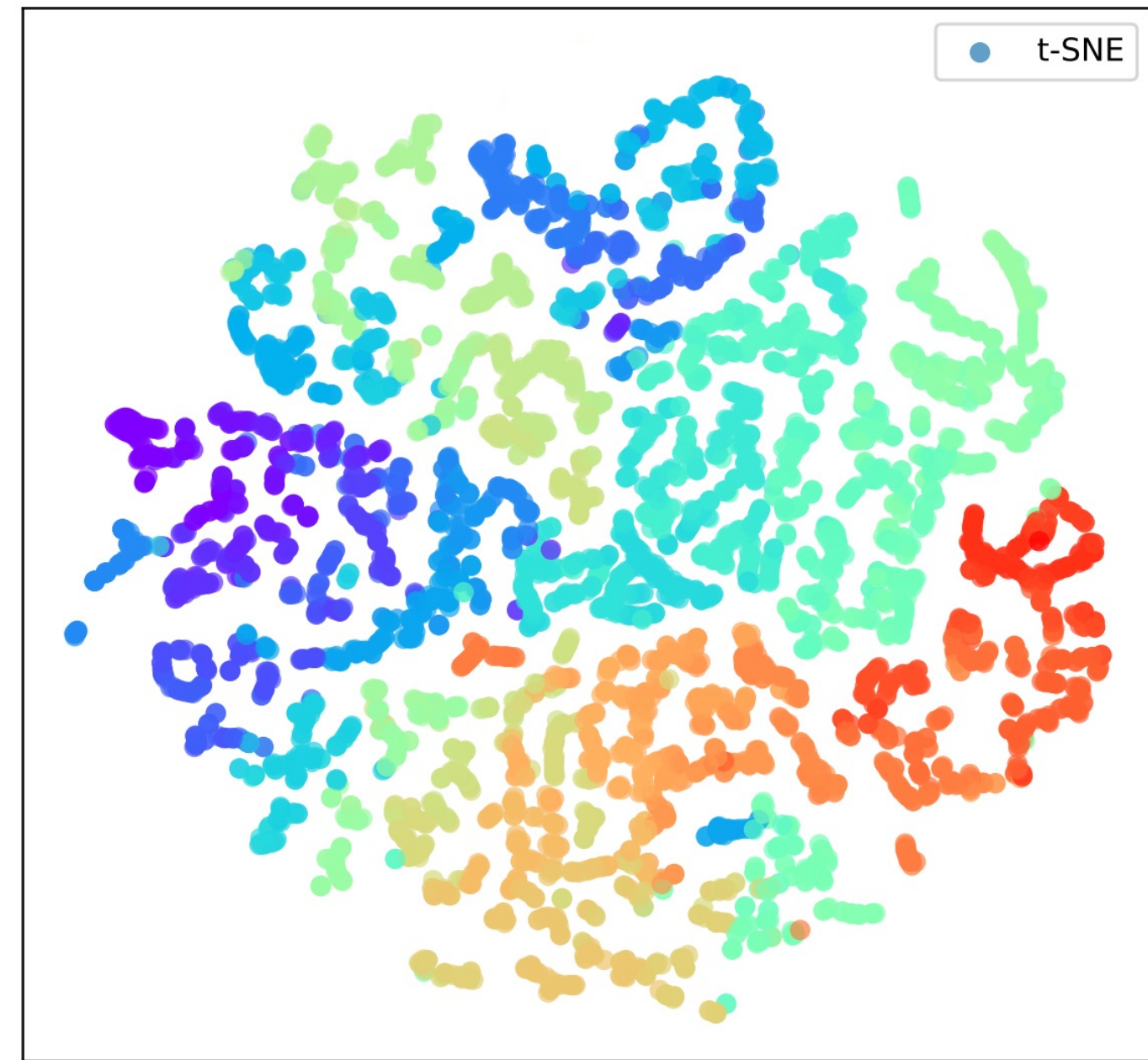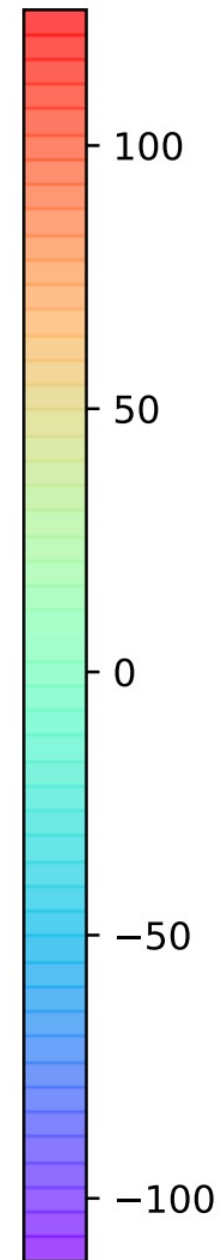VAE with parallelized prediction

VAE with cascaded prediction