Supplementary material

Unconditional Synthesis

We show more unconditional synthesis results of Energy (Figure 1), AQ (Figure 2) and ETT (Figure 3). For each figure, visualization metrics contain the PCA (left), t-SNE (middle) and UMAP (right).
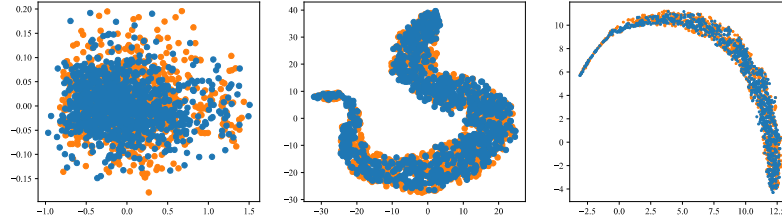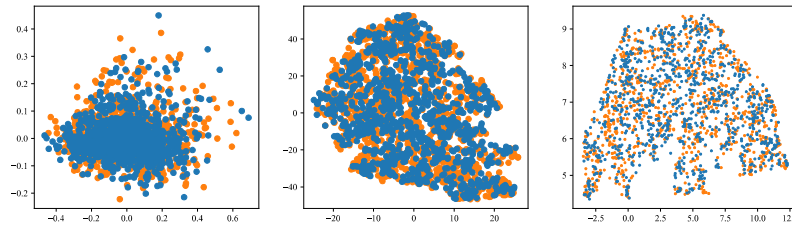

Figure 1: Visualization of synthetic Energy.

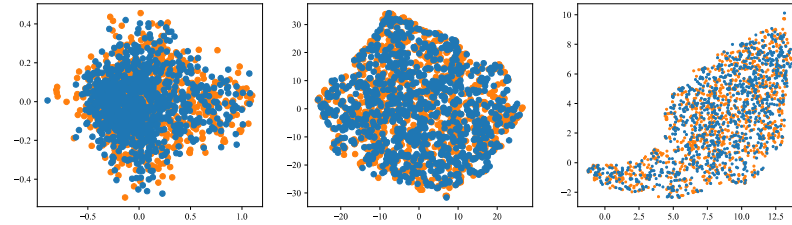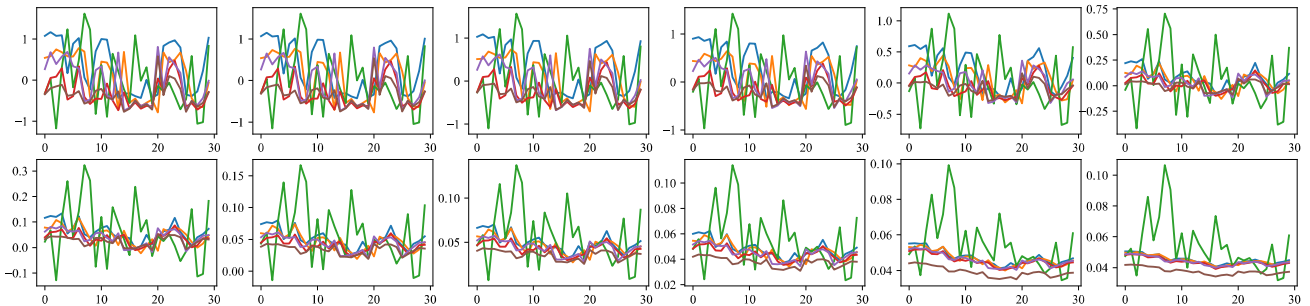
Figure 2: Visualization of synthetic AQ.

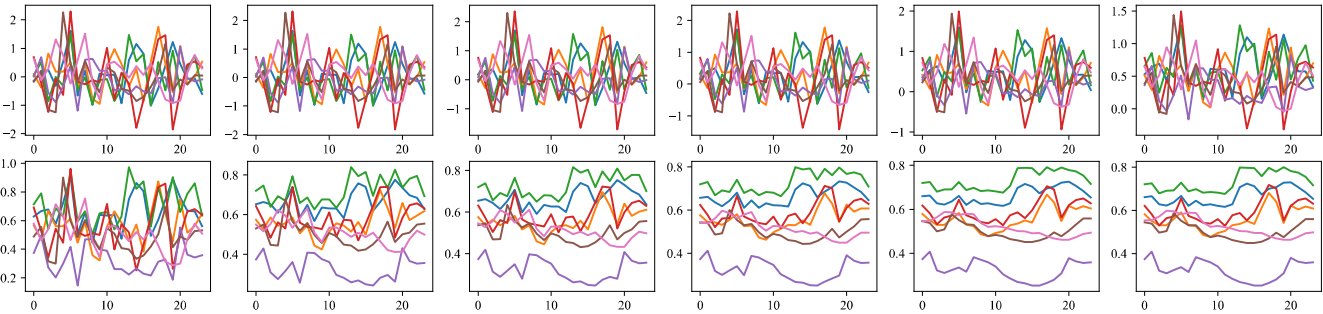Figure 3: Visualization of synthetic ETT.

Autoencoding Reconstruction Quality

We show more autoencoding reconstruction results of SP500 (Figure 4), Energy (Figure 5) and ETT (Figure 6). For each figure, we show one reconstructed sample from inversion step t=199 to 0 (begin from top left to penultimate in bottom right) and the original sample (bottom right).
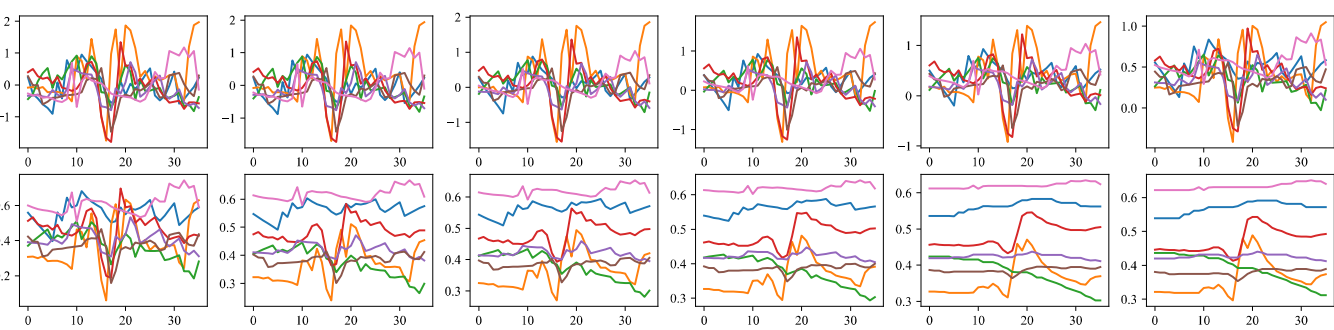
Figure 4: Comparison between one original sample (bottom right) and its gradual reconstruction (begin from top left to pe-
nultimate in bottom right) of SP500.

Figure 5: Comparison between one original sample (bottom right) and its gradual reconstruction (begin from top left to pe-
nultimate in bottom right) of ETT.

Figure 6: Comparison between one original sample (bottom right) and its gradual reconstruction (begin from top left to pe-
nultimate in bottom right) of Energy.