

Figure 1: Visualization of the adjacency matrix for the top 50 nodes in the PEMS03 dataset, showcasing the learnable adjacency matrices at different scales in the first layer and the preset static adjacency matrix. The preset static adjacency matrix fails to capture the correlations between time series with strong similarities.

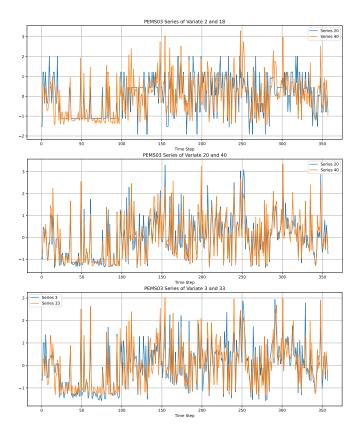


Figure 2: Visualization of time series for node pairs with higher values in the learnable adjacency matrix of the PEMS03.

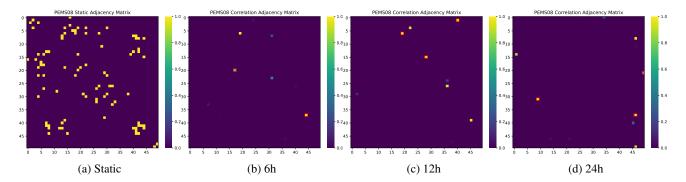


Figure 3: Visualization of the adjacency matrix for the top 50 nodes in the PEMS08 dataset, showcasing the learnable adjacency matrices at different scales in the first layer and the preset static adjacency matrix. The preset static adjacency matrix fails to capture the correlations between time series with strong similarities.