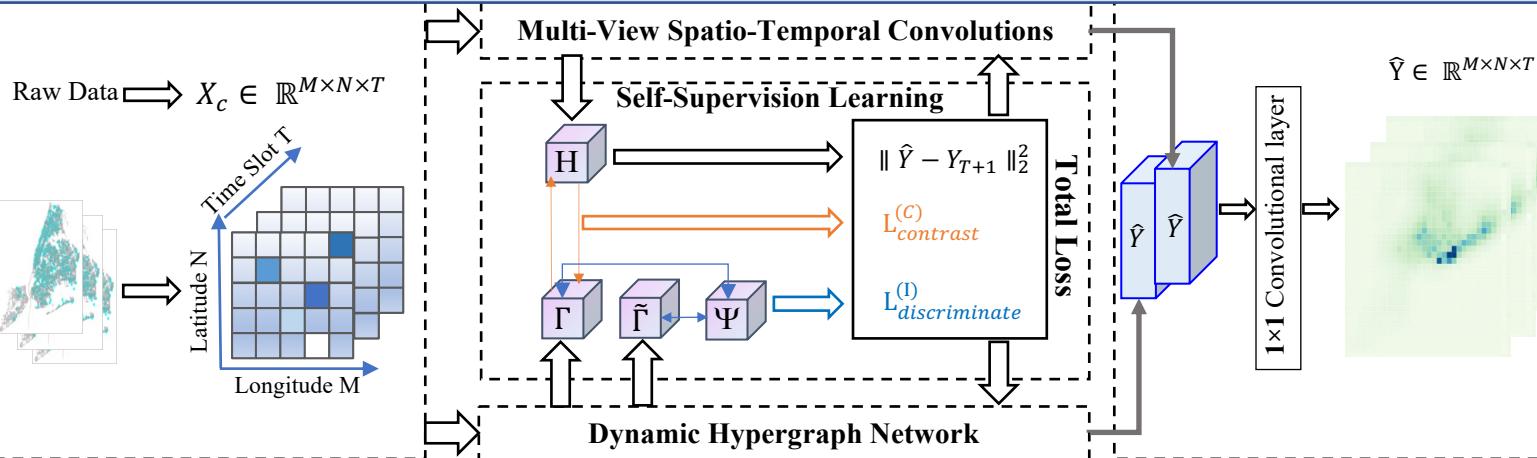


## Data Process

## Deep Learning Model

## Prediction



$$X_c \in \mathbb{R}^{M \times N \times T}$$

Positional Embedding

$$X_1$$

$$X_C$$

$$\hat{X} \in \mathbb{R}^{M \times N \times T \times C}$$

Concatenate

1x1 Convolutional layer

$$\hat{Y}$$

(b) Multi-View Spatio-Temporal Convolutions

(a) Overall Architecture

$$X_c \in \mathbb{R}^{M \times N \times T}$$

Positional Embedding

Hypergraph Construction

Temporal Encoding

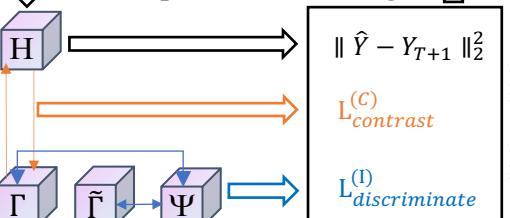
1x1 Convolutional layer

$$\hat{Y}$$

(c) Dynamic Hypergraph Network

## Multi-View Spatio-Temporal Convolutions

## Dynamic Hypergraph Network



(c) Dynamic Hypergraph Network

(b) Multi-View Spatio-Temporal Convolutions