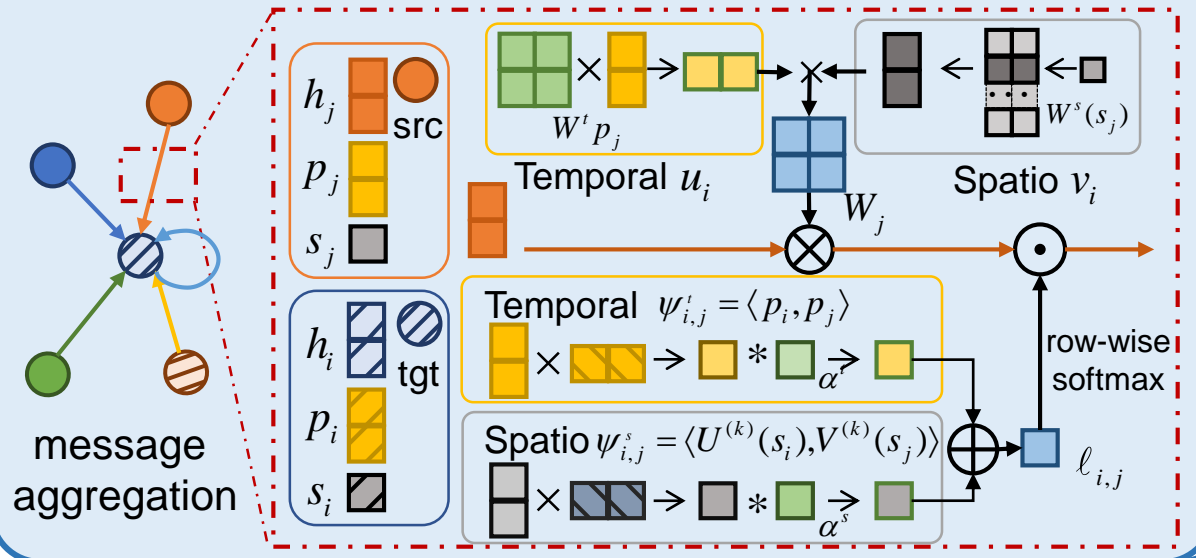
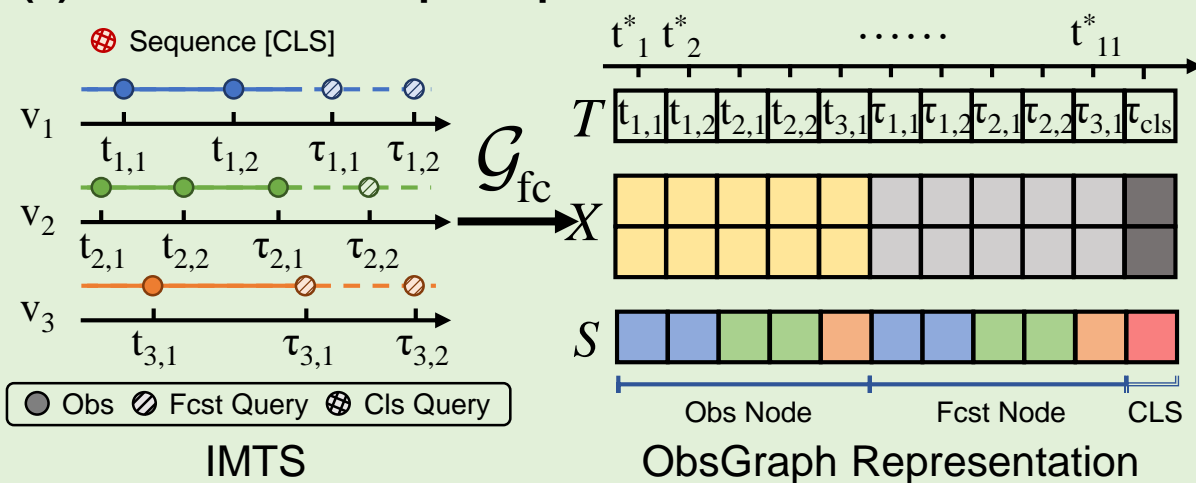


(b) Spatio-Temporal Relational Graph Convolution

For each node:



(a) Observation Graph Representation of IMTS



Prediction \hat{Y}

Decoder

LayerNorm

$H^{(K)}$

Hierarchical Aggregation

STRGCN Layer

$\times 3$

$\times K$

$H^{(0)}$

Embedding

X

T

S

ObsGraph Transform

IMTS \mathcal{H}, \mathcal{Q}

(c) Information-Balanced Hierarchical Aggregation

$H^{(k+1)}$

$H^{(k+1)}$

Unpooling

Top BiSTRGCN

$H^{\beta,(k)}$

Middle STRGCN

$H^{\beta,(k)}$

Pooling

Bottom BiSTRGCN

$H^{(k)}$