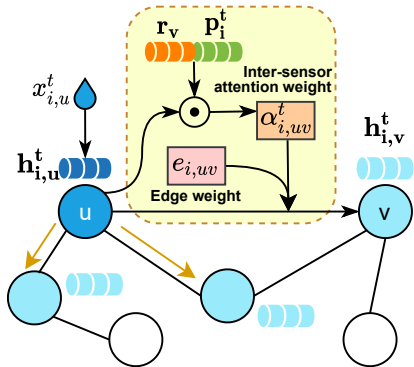
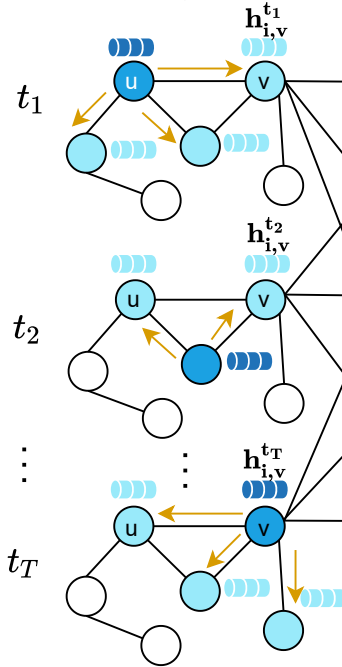


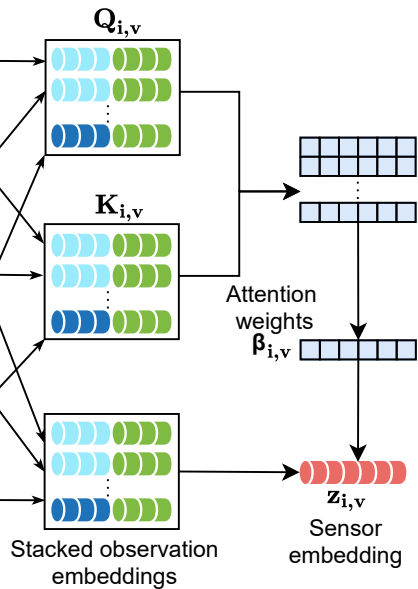
a Sample \mathcal{S}_i records the value $x_{i,u}^t$ of sensor u at time t



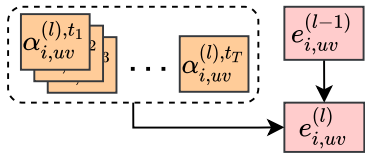
b Observation-level processing in sample \mathcal{S}_i



Sensor-level processing in sample \mathcal{S}_i



c Update edge weight $e_{i,uv}^{(l)}$ in Sample \mathcal{S}_i at layer l



Observation (input) Sensors

Dot product

Message passing

Weight vector

Time representation

Learned embeddings