

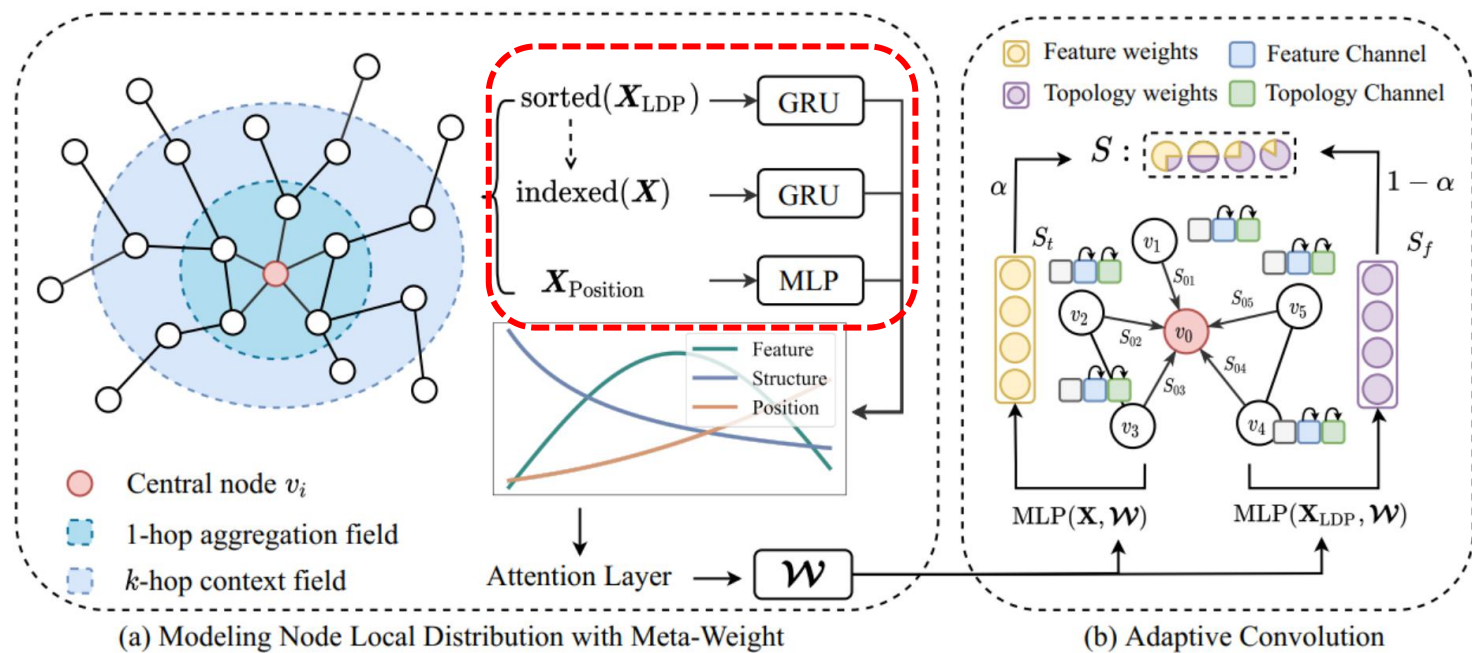


无序节点序列化

Unordered node serialization



2020_WWW_Meta-Weight Graph Neural Network: Push the Limits Beyond Global Homophily



$$\mathbf{X}_{\text{LDP},i} = [d_i, \text{MIN}(\text{DN}_i), \text{MAX}(\text{DN}_i), \\ \text{MEAN}(\text{DN}_i), \text{STD}(\text{DN}_i)],$$

$$\begin{aligned} \mathbf{u}^{(t)} &= \sigma \left(\mathbf{W}_u \left[\mathbf{h}^{(t-1)}, \mathbf{x}^{(t)} \right] + \mathbf{b}_u \right) \\ \mathbf{r}^{(t)} &= \sigma \left(\mathbf{W}_r \left[\mathbf{h}^{(t-1)}, \mathbf{x}^{(t)} \right] + \mathbf{b}_r \right) \\ \hat{\mathbf{h}}^{(t)} &= \tanh \left(\mathbf{W}_h \left[\mathbf{r}^{(t)} \odot \mathbf{h}^{(t-1)}, \mathbf{x}^{(t)} \right] + \mathbf{b}_h \right) \\ \mathbf{h}^{(t)} &= (1 - \mathbf{u}^{(t)}) \odot \mathbf{h}^{(t-1)} + \mathbf{u}^{(t)} \odot \hat{\mathbf{h}}^{(t)} \end{aligned} \quad (4)$$

$$\mathcal{D}_t = \mathbf{h}^{(T)}$$

$$\mathbf{X}_{\text{Feature}} = \text{SORT} \left(\{ \mathbf{X}_j \mid v_j \in \mathcal{N}_{i,k} \} \right),$$

$$\mathcal{D}_f$$

$$\mathbf{X}_{\text{Position},i} = (\phi(v_i, v_1), \phi(v_i, v_2), \dots, \phi(v_i, v_n)), \quad (5)$$

$$\mathcal{D}_p = \Phi(\mathbf{X}_{\text{Position}})$$

2022_ACL_Query and Extract Refining Event Extraction as Type-oriented Binary Decoding

