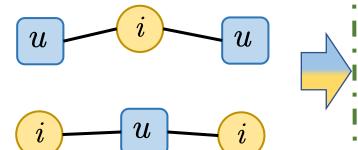
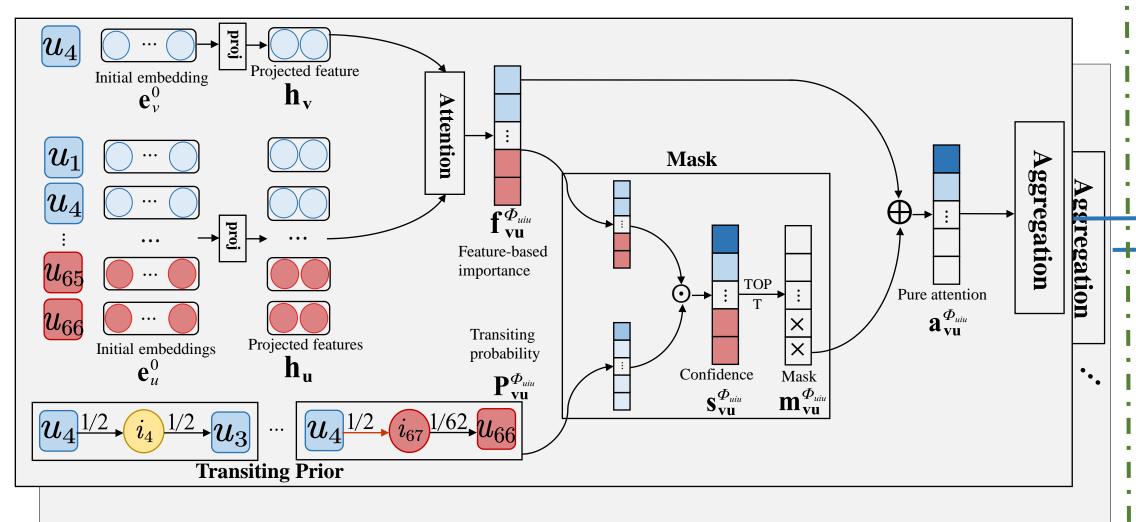


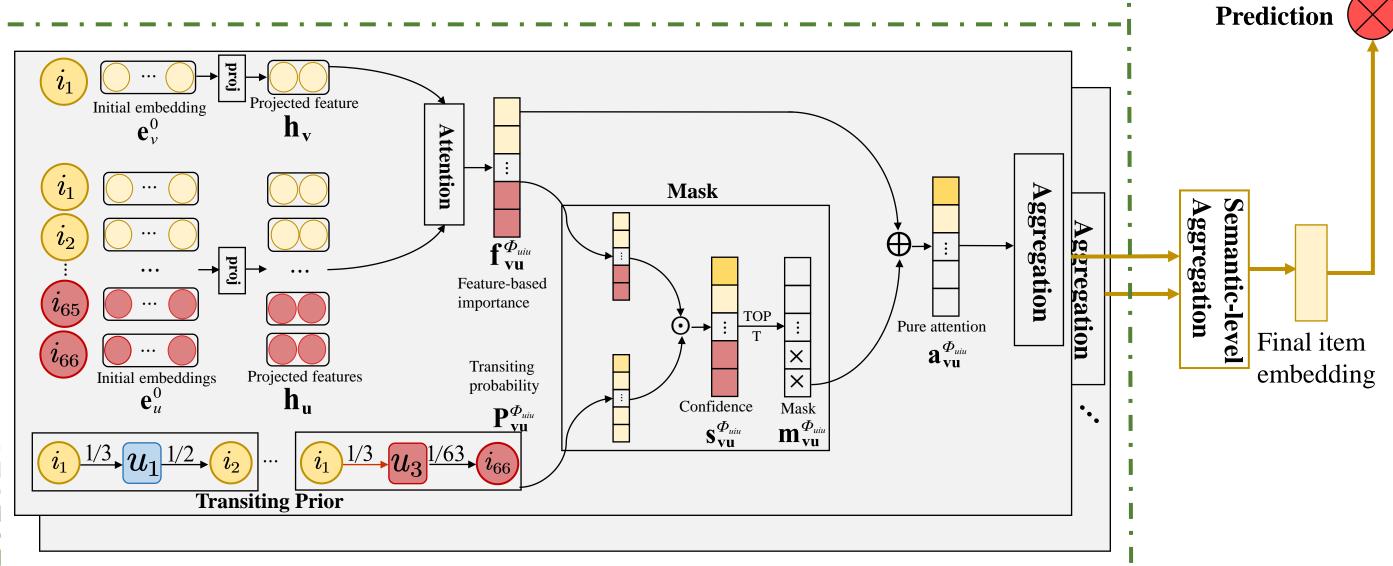
HG construction



Metapaths

- Attack edges
- u_4 Target user
- i_1 Target item





Final user

embedding

Semantic-level

Aggregation