


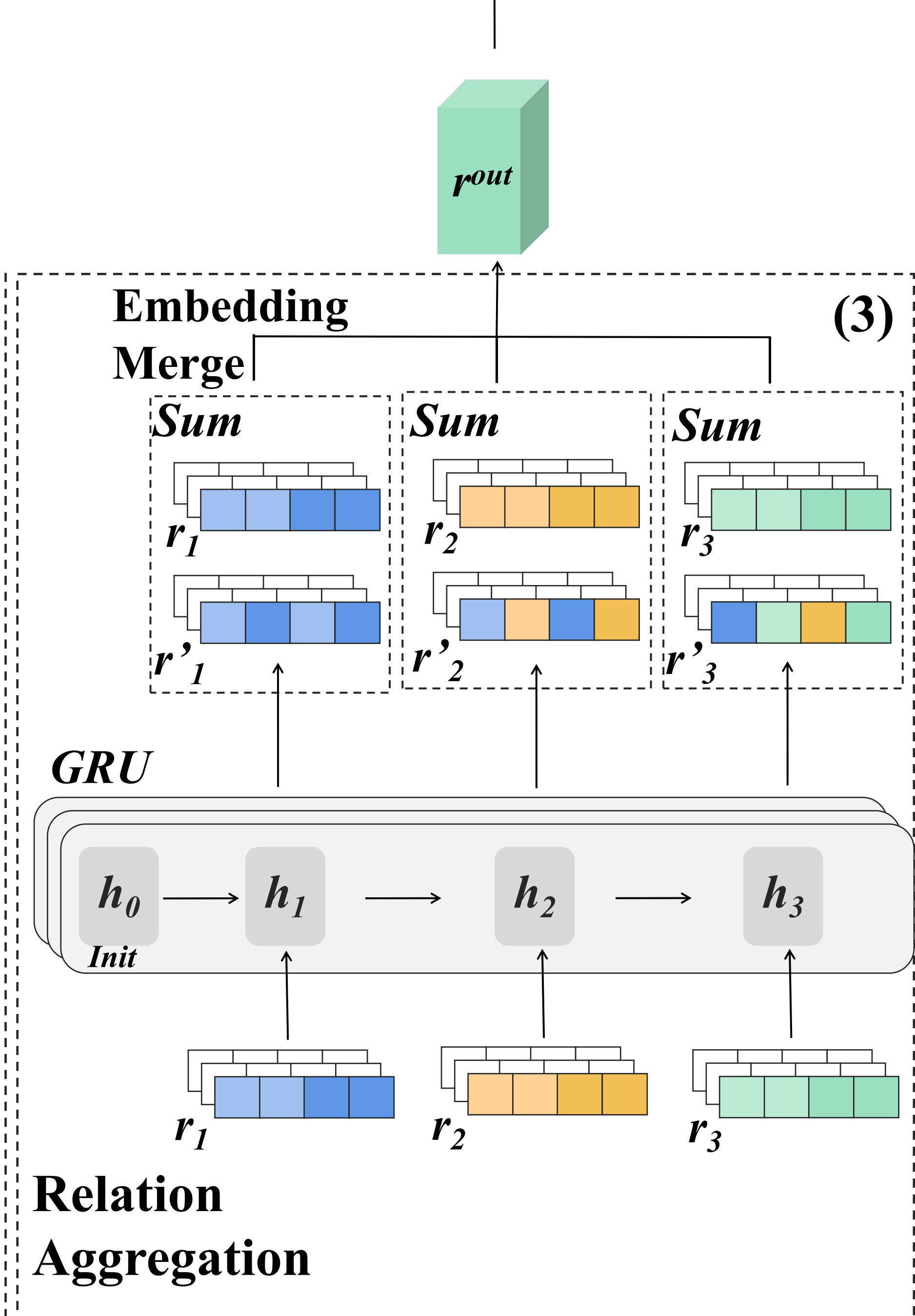
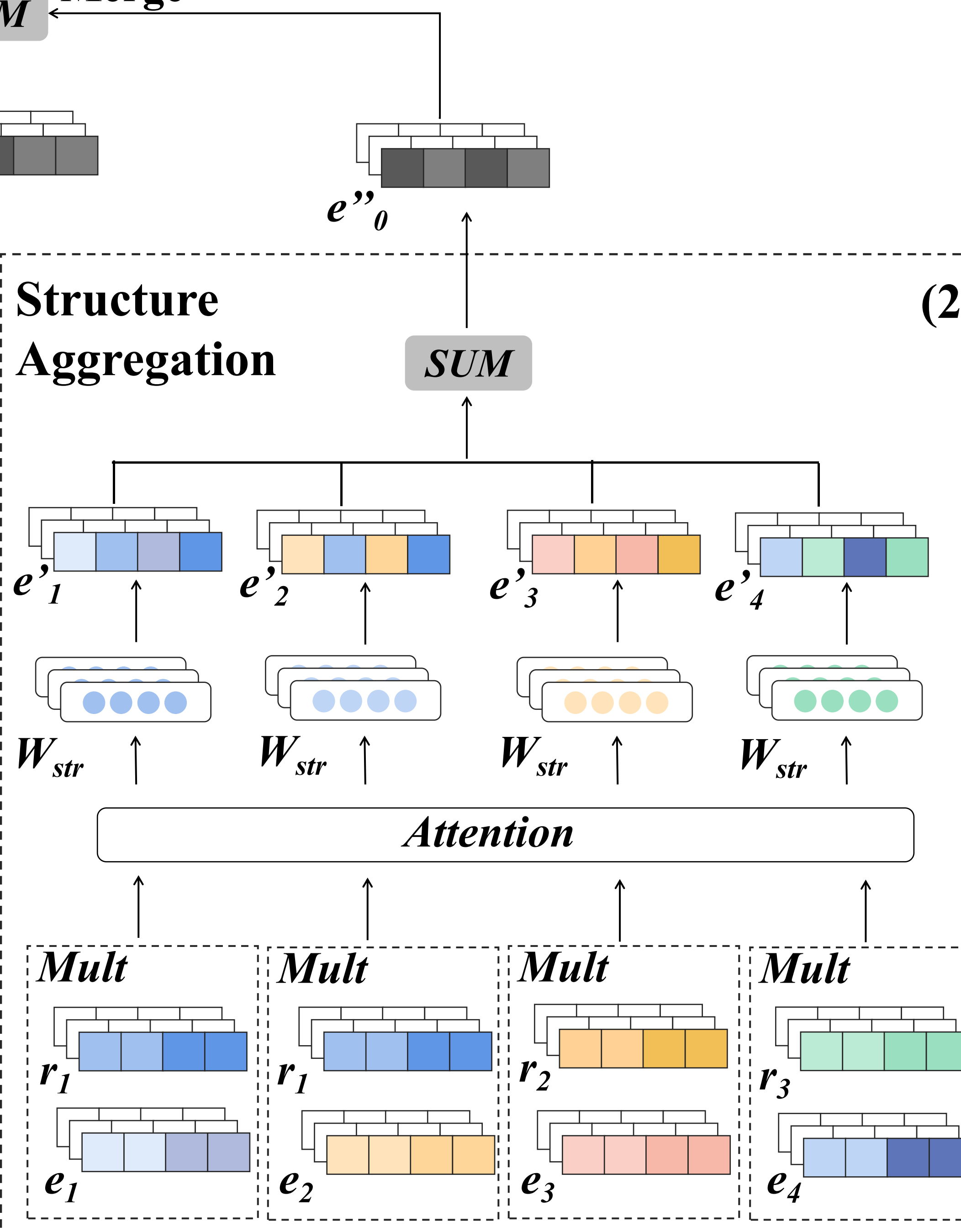
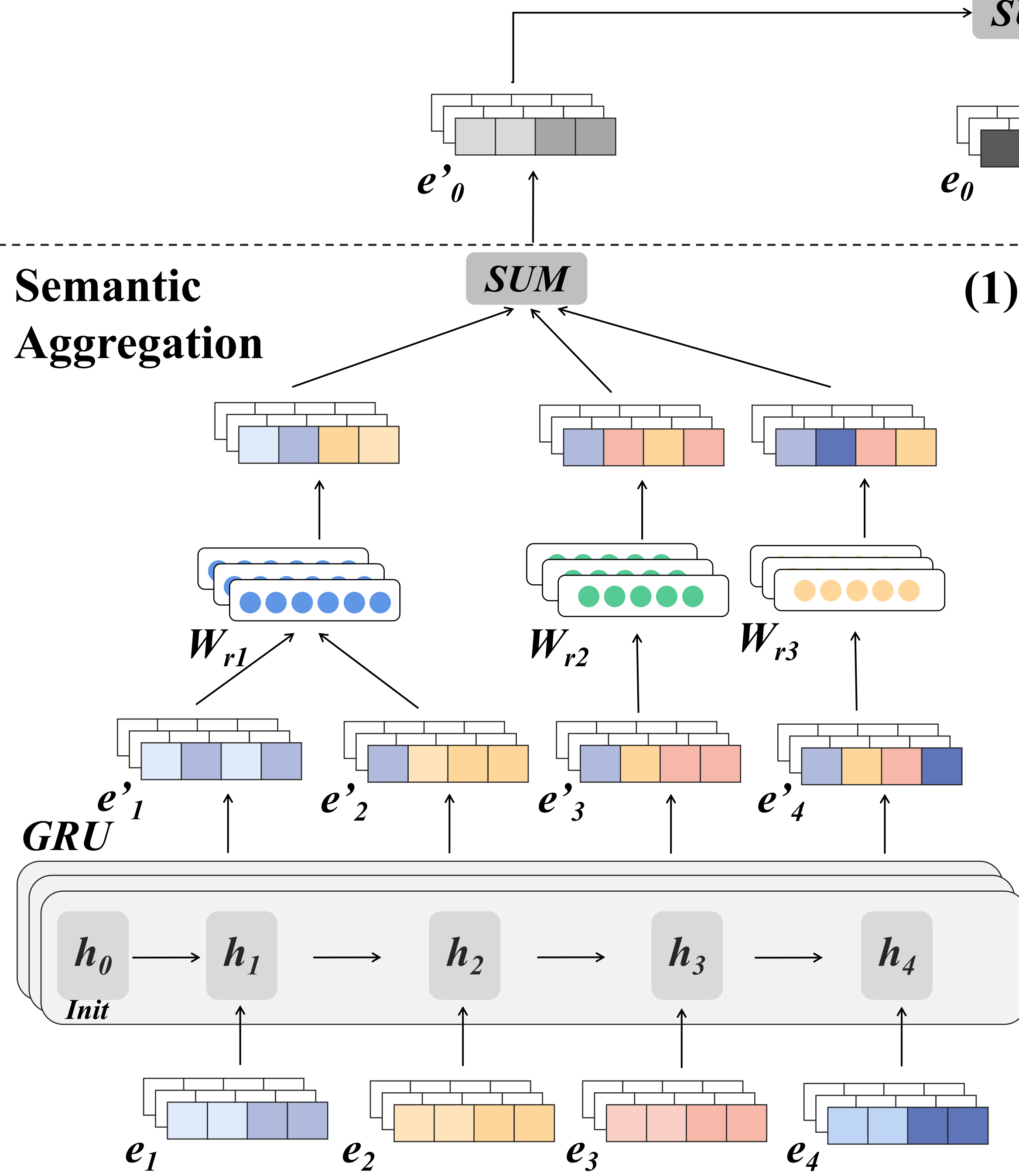
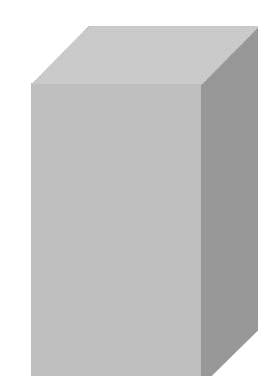
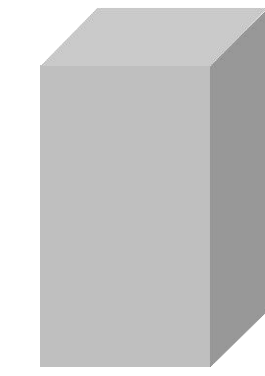


Semantic-Relational (SR-GNN) Decoder (ConvE)

Semantic-Relational (SR-GNN) Encoder

e_i  Embedding of entity
 r_i  Embedding of relation
 W  Weight matrix



 Entity
 Relation
 Input embedding

