

Feature transformation

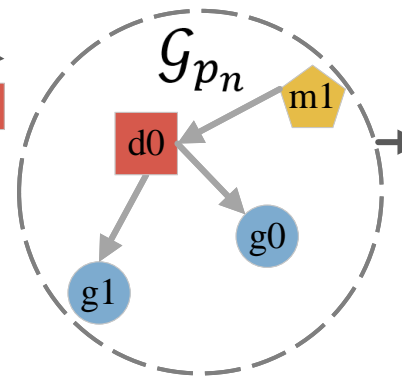
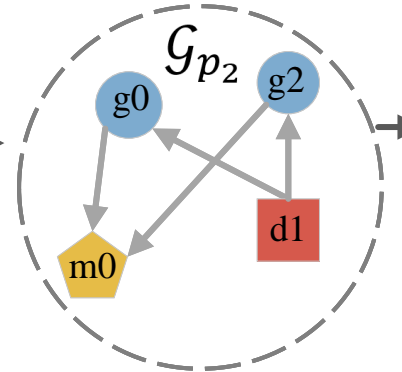
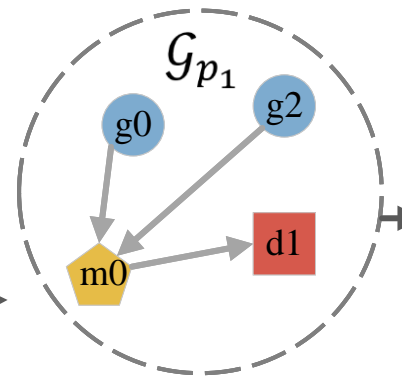
p_1 G → M → D

p_2 D → G → M

p_n M → G → D

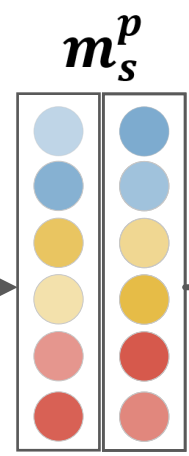
...

...

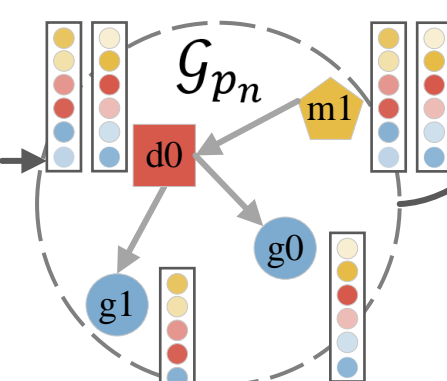
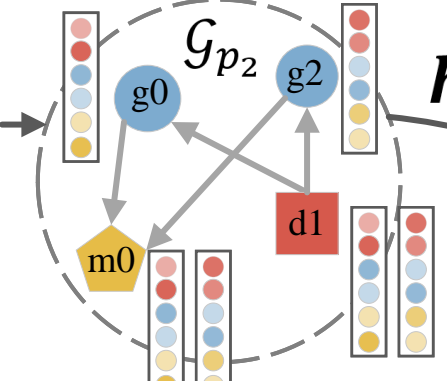
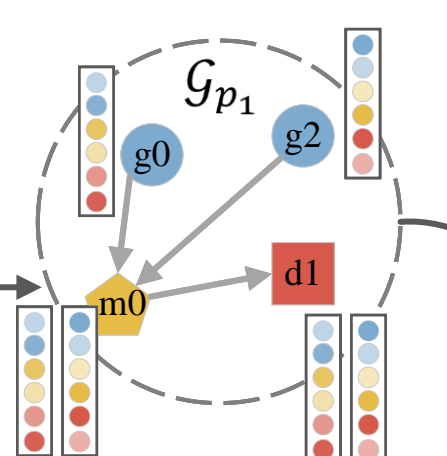


Causal subgraph generation

Causal Semantic Encoder in the subgraph



Intra-subgraph message passing

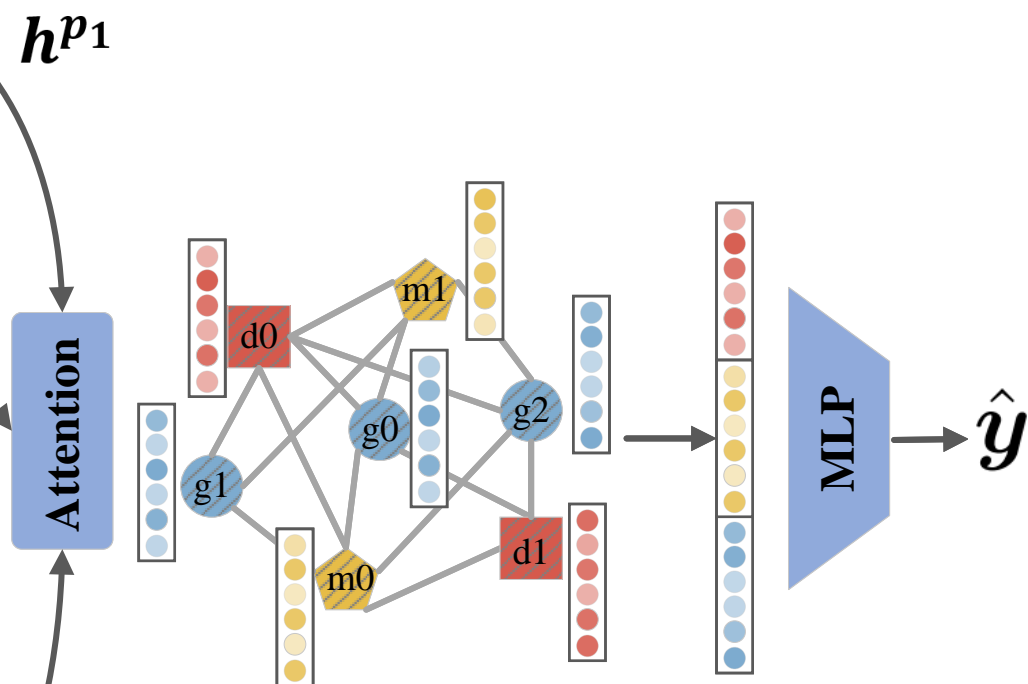


h^{p_1}

h^{p_2}

h^{p_n}

Inter-subgraph attentive fusion



Model training