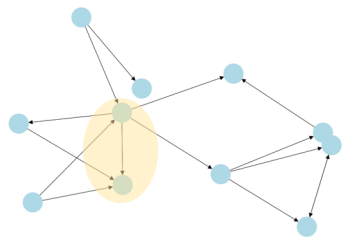
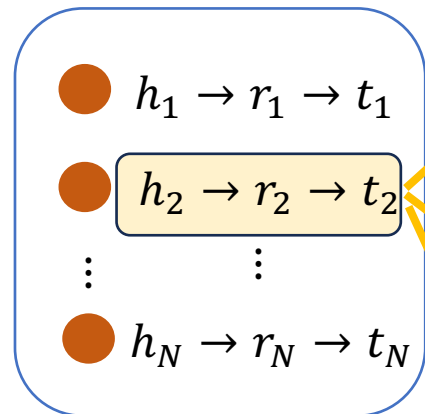


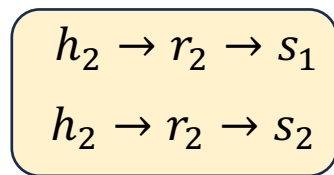
Batch Triples



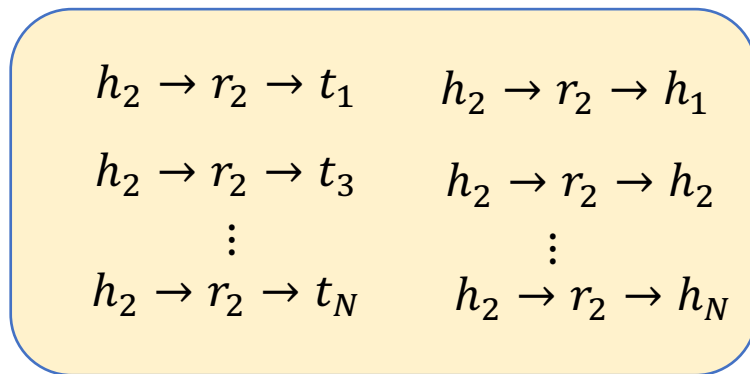
Knowledge Graph  
Structure Information

False negative generation via 2-hub  
neighborhood

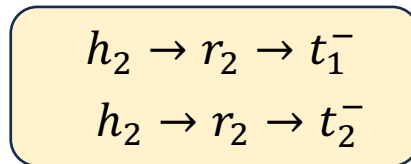
False Negative Triples



Negative Triples (shown only  
for the triple #2)



Hard Negative  
Triples



Sort the entities  
based on Hardness  
(eq: 5)



Negative tail  
embedding

Generating the Negative samples