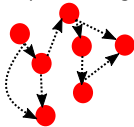


Graph encoding



GGCN  
layers

milk  
fridge  
⋮  
robot  
milk  
fridge  
⋮  
robot

Metric  
layers

milk  
fridge  
⋮  
robot

Metric  
Properties



milk  
fridge  
⋮  
robot



Attended  
combination

Scene  
embedding  
Goal text  
Tool  
embedding

Likelihood  
Scores

stool  
stick  
⋮  
glue

Prediction

Goal text

Put milk  
in fridge

Goal objects

milk  
fridge

Scene  
embedding  
Goal text

no-tool