



$A_r$  Region  
Selection

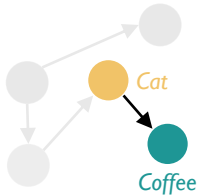


$A_e$   
Entity  
Recognition



...**Cat**:  $[x_1, y_1, x_2, y_2]$   
**Coffee**:  $[x_1, y_1, x_2, y_2]$ ...

**Causal Graph**



Repeat  
 $A_r, A_e, A_c$



... Considering the causal  
relationship ... If the **cat** moves, the  
**coffee** will spill ... **cat**  $\rightarrow$  **coffee**

$A_c$  Causality  
Orientation