Objective:

- Let D be the set of all possible descriptors.
- Let A be the set of all possible actions.
- Let $t = (s, a, o)$ be an arbitrary OpenIE triple, where $s, o \in D$ and $a \in A$.
- Let T be the set of all possible t.
- Let R represent an arbitrary binary relation.
- Let $T_R \subseteq T$ be the set of all t implying R.
- We want to find $f_R(t) = \begin{cases} 1 & t \in T_R \\ 0 & t \notin T_R \end{cases}$.

Graph Formulation?

- Let $G = (V, E)$ where $V = D \cup A$ and $E = (D \times A) \cup (A \times D)$.

¡++¿