

### Example Input Graphs

g1: { (?w a Person) }

g2: { (?x a Person) (?x name ?l) }

g3: { (?y a Person) (?y age ?a) }

g4: { (?z a Person) (?z age ?a) (?z name ?n) }

### Graph Tags

g1: { a, Person }

g2: { a, Person, name }

g3: { a, Person, age }

g4: { a, Person, name, age }

### Transition Information Associated with Edges of the Subsumption Graph

Isomorphism { ?w  $\leftrightarrow$  ?x }

Residual graph { (?x name ?f) }

Residual graph tags { name }

