Cloudy	Rain	P(Rain|Cloudy)
T	T	0.80
T	F	0.20
F	T	0.01
F	F	0.99

Statistical

3.14   Smokes(x) ∧ Friends(x,y)
⇒ Smokes(y)

Logical

Rain ⇒ Cloudy

∀x, ∀y, Smokes(x) ∧ Friends(x,y)
⇒ Smokes(y)

Propositional   **Relational**