People

Name	Gender	Coffee Drinker
Anna	W	T
Bob	M	F

Friend

Name1	Name2
Anna	Bob
Bob	Anna

$P(cd(X) = T | g(X) = M) = .6$
$P(cd(X) = T | g(X) = W) = .8$

gender(Y)

Friend(X,Y)

CoffeeDr(X)

gender(X)
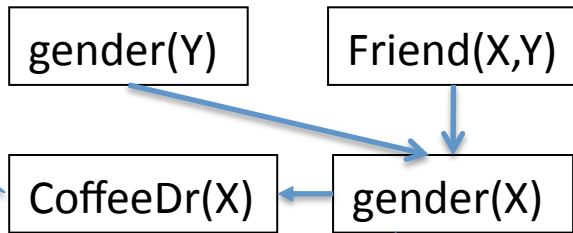
$P(g(X) = W | g(Y) = F, F(X,Y) = T) = .7$
$P(g(X) = M | g(Y) = M, F(X,Y) = T) = .7$
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