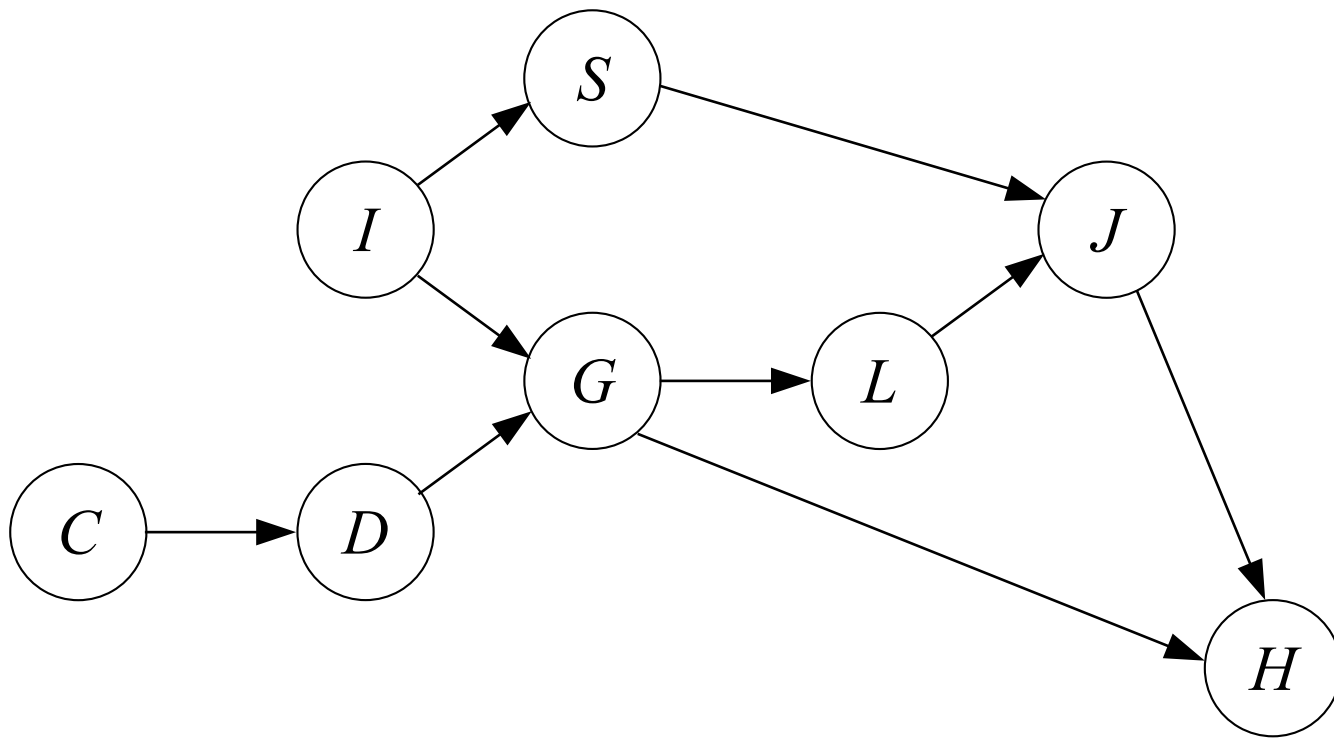


Bayesian Network "Extended Student"



$C := Coherence$, $D := Difficulty$, $G := Grade$, $H := Happy$, $I := Intelligence$, $J := Job$, $L := Letter$, $S := SAT$

$P(C)$

c_0	c_1	c_2
0.2	0.5	0.3

 $P(I)$

i_0	i_1
0.7	0.3

 $P(L | G)$

	l_0	l_1
g_0	0.10	0.90
g_1	0.40	0.60
g_2	0.99	0.01

 $P(S | I)$

	s_0	s_1
i_0	0.95	0.05
i_1	0.20	0.80

 $P(D | C)$

	d_0	d_1
c_0	0.2	0.8
c_1	0.5	0.5
c_2	0.8	0.2

 $P(G | D, I)$

	g_0	g_1	g_2
d_0, i_0	0.30	0.40	0.30
d_0, i_1	0.90	0.08	0.02
d_1, i_0	0.05	0.25	0.70
d_1, i_1	0.50	0.30	0.20

 $P(D)$

	j_0	j_1
l_0, s_0	0.95	0.05
l_0, s_1	0.25	0.75
l_1, s_0	0.65	0.35
l_1, s_1	0.15	0.85

 $P(H | G, J)$

	h_0	h_1	h_2
g_0, j_0	0.60	0.30	0.10
g_0, j_1	0.01	0.10	0.89
g_1, j_0	0.80	0.15	0.05
g_1, j_1	0.10	0.20	0.70
g_2, j_0	0.95	0.04	0.01
g_2, j_1	0.20	0.30	0.50

Moralized graph

