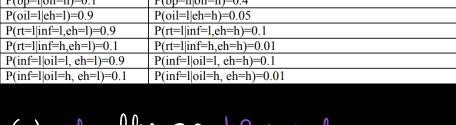
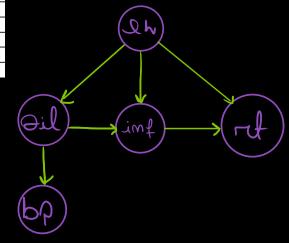
P(eh=l)=0.2	
P (bp=1 oil=1)=0.9	P(bp=n oil=1)=0.1
P(bp=l oil=h)=0.1	P(bp=n oil=h)=0.4
P(oil=l eh=l)=0.9	P(oil=l eh=h)=0.05
P(rt=l inf=l,eh=l)=0.9	P(rt=l inf=l,eh=h)=0.1
P(rt=1 inf=h,eh=1)=0.1	P(rt=1 inf=h,eh=h)=0.01
P(inf=l oil=l, eh=l)=0.9	$P(\inf=l oil=l, eh=h)=0.1$
$P(\inf=l oil=h, eh=l)=0.1$	$P(\inf=l oil=h, eh=h)=0.01$



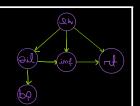


(c)
$$\rho(\inf = k \mid b\rho = m, rd = k) = ?$$

$$P(\inf_{n} | h | ah | ah) = P(\inf_{n} | h | ah | ah | ah) \cdot P(h | ah) \cdot P(ah | ah) \cdot P(ah) \cdot$$

$$P(bp=m|o;l) = P(bp=m|o;l=l) \cdot [P(o;l=l|ah=l), P(ah=l) + P(o;l=l|ah=h), P(ah=h)] + P(bp=m|o;l=h) \cdot [P(o;l=h|ah=l), P(ah=l) + P(o;l=h|ah=h), P(ah=l)]$$

P(rd=hlah,imf=h) = P(rd=hlah=l,imf=h)[P(imf=hlah=l,oil=l).P(oil=llah=l).P(ak=l)+



$$P(\inf_{n} | x_{n}| + \| x_{n} \|_{2}) \cdot P(\inf_{n} | x_{n$$

$$P(bp=m,rd=h) = P(bp=m|ail) \cdot P(nd=h|imf,lh)$$

= $P(bp=m|ail) \cdot P(nd=h|imf=l, lh=l) \cdot P(imf=l|lh=l, ail) ...$