

	Irregular (I)	Regular (R)	Total
High (H)	0.05		0.14
Low (L)	0.02	? = 0.2	0.22
Normal (N)	0.08		0.64
Total	0.15	0.85	1

Normal: $1 = 0.14 + 0.22 + \Pr(N)$

$$\Pr(N) = 0.64$$

Regular: $1 - 0.15 + \Pr(R) \Rightarrow \Pr(R) = 0.85$

$$\Pr(H|I) = \frac{\Pr(H \cap I)}{\Pr(I)} \quad 0.333 = \frac{\Pr(H \cap T)}{0.15}$$

$$\Pr(H \cap I) = 0.05$$

$$\Pr(I|N) = \frac{\Pr(I \cap N)}{\Pr(N)} \Rightarrow 0.125 = \frac{\Pr(I \cap N)}{0.64}$$

$$\Pr(I \cap N) = 0.08$$

$$0.05 + \Pr(L \cap I) + 0.08 = 0.15 \quad \Pr(L \cap I) = 0.02$$

$$0.02 + \Pr(R \cap I) = 0.22$$

$$\Pr(R \cap I) = 0.2$$