Table 1: title1

Decision Node	Chance Node	
	Event 1	Event 2
Option 1	p_{11}	$1 - p_{11}$
Option 2	p_{21}	$1 - p_{21}$

$$P(H \mid E) = \frac{P(H)P(E \mid H)}{P(E)} = \frac{P(H)P(E \mid H)}{P(H)P(E \mid H) + P(H^c)P(E \mid H^c)}$$

$$P(E) = P(H)P(E \mid H) + P(H^c)P(E \mid H^c)$$