

$$\begin{array}{r}
\frac{P(D|R = 1)}{P(D|R = 0)} \stackrel{?}{>} \frac{P(R = 0)}{P(R = 1)} \\
\frac{\prod_i P(w_i|R = 1)}{\prod_i P(w_i|R = 0)} \stackrel{?}{>} \frac{P(R = 0)}{P(R = 1)} \\
\frac{P(\textit{apple} = 1|R = 1)P(\textit{baker} = 1|R = 1)P(\textit{crab} = 1|R = 1)}{P(\textit{apple} = 1|R = 0)P(\textit{baker} = 1|R = 0)P(\textit{crab} = 1|R = 0)} \stackrel{?}{>} \frac{0.6}{0.4} \\
\frac{1 \cdot 0.5 \cdot 0.5}{0.3 \cdot 0.6 \cdot 1} \stackrel{?}{>} \frac{0.6}{0.4} \\
1.125 < 1.5
\end{array}$$