

$$\begin{aligned}
 &P(F, F, F) \\
 = & \frac{P(F, F, F) + P(F, F, T) + P(F, T, F) + P(F, T, T)}{P(F, F, F) + P(F, F, T) + P(F, T, F) + P(F, T, T)}
 \end{aligned}$$