$P(B \cap +) = P(B) \cdot P(+ \mid B)$ $\underbrace{P(\bar{+}/B)}_{0,0I} - + P(B \cap \bar{+}) = P(B) \cdot P(\bar{+} \mid B)$ $P(+\setminus \bar{B}) + P(\bar{B}\cap +) = P(\bar{B}) \cdot P(+\mid \bar{B})$ $P(\bar{B} \cap \bar{+}) = P(\bar{B}) \cdot P(\bar{+} \mid \bar{B})$