



Joint probability
 $P(A, B) / (P(A) * P(B))$

Conditional probability
 $P(A, B) = P(A | B) * P(B)$
 $P(A, B) = P(B | A) * P(A)$

1. $P(A | B=1) / P(A | B=0)$
2. $P(B | A=1) / P(B | A=0)$