

$$P(A \cap B) = P(A) \times P(B)$$

Soma 1 2 3 4 5 6

1 2 3 4 5 6 7

2 3 4 5 6 7 8

3 4 5 6 7 8 9

4 5 6 7 8 9

4 5 6 7 8 9

4 5 6 7 8 9

10

5 6 7 8 9 10 11

6 7 8 9 10 11

6 7 8 9 10 11

P(A) =
$$\frac{2}{36} = \frac{1}{18}$$
 Incependents

P(A) = $\frac{u}{36} = \frac{1}{9}$ 1

P(B) = 1

P(cno) = P(c) × P(D)

Soma 1 2 3 4 5 6
1 (2) 3 4 5 6 7
2 3 4 5 6 7 8 9
4 5 6 7 8 9
4 5 6 7 8 9
4 5 6 7 8 9
10 11
6 7 8 9 10 11
6 7 8 9 10 11

$$\frac{1}{3}$$

 $\frac{1}{3}$
 $\frac{1}{3}$

P((no) = 25

independentes

$$\begin{array}{ll}
(7) & \text{a)} & \text{P("(anlos" | "house um evo")} \\
P("evno" | C) & = \frac{1}{1000} \\
P("evno" | C) & = P("evno" | C) \times P(C) \\
& = \frac{1}{1000} \times \frac{1}{2} = \frac{1}{2000} \\
P("evno") & = P("evno" | A) \times P(A) + P("evno" | B) \times P(B) + P("evno" | B) \times P(B) + P("evno" | C) \times P(C)
\end{array}$$

$$P("evno" | B) \times P(B) + P("evno" | C) \times P(C)$$

$$P("evno" | C) \times P(C)$$

$$P("evno") = 0,01 \times 10 + 0,05 \times \frac{30}{100} + 0,001 \times \frac{30}{100} + 0,005 \times \frac{30}{100} + 0,001 \times \frac{30}{100} + 0,005 \times \frac{30}{100} +$$

(=1) P("evo") = 20 + 150 + 500<math>10000 10000 10000 10000 10000

$$P(((|"evro") = \frac{1}{2000})$$
 $\frac{175}{10000}$
 $(=|P((|"evro") = 1 \times 3)$
 $\frac{1}{20000}$

$$CIP(((|"evro") = 1 \times 100000)$$
 $CIP(((|"evro") = 10 \times 100000)$
 $CIP(((|"evro") = 10 \times 10000)$
 $CIP(((|$