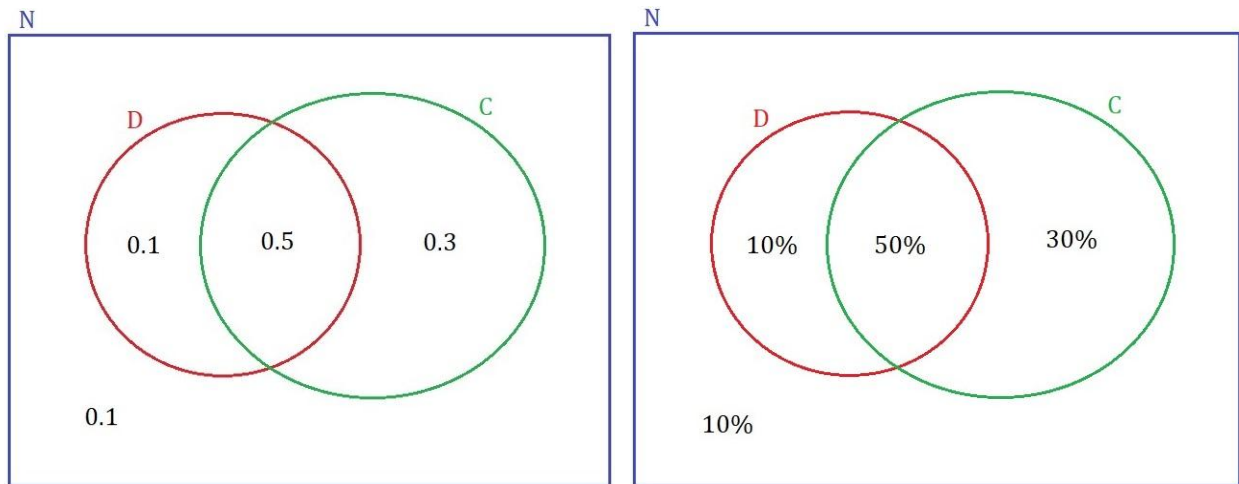


Taller 8 - Probabilidad

Ejercicios generales de probabilidad

- 3) $D \rightarrow$ Diario
 $C \rightarrow$ Cable
 $N \rightarrow$ Ninguno



Teniendo en cuenta el diagrama de conjuntos:

a. $P(A \cup B) = P(D \cup C) = 0.1 + 0.5 + 0.3 = 0.9 \rightarrow 90\%$

b. $P((A \cap B^c) \cup (B \cap A^c)) = P((D \cap C^c) \cup (C \cap D^c))$

$$D = 0.6, C^c = 0.2 \rightarrow D \cap C^c = 0.6 - 0.2 - 0.3 = 0.1$$

$$C = 0.8, D^c = 0.4 \rightarrow C \cap D^c = 0.8 - 0.4 - 0.1 = 0.3$$

$$P((D \cap C^c) \cup (C \cap D^c)) = 0.1 + 0.3 = 0.4 \rightarrow 40\%$$