

$$U = \{1, 2, 3, 4\}$$

$$S_1 = \{1, 2\}$$

$$S_2 = \{1, 3\}$$

$$S_3 = \{4\}$$

$$S_4 = \{2, 3\}$$

Probab. de Incl. de Elementos

$$\pi_1 = 0.5 + 0.3 = 0.8$$

$$\pi_2 = P\{I_2 = 1\} = 0.6$$

$$\pi_3 = P(S_2) + P(S_4) = 0.4$$

$$\pi_4 = 0.1$$

Probab. marginales

$$P(S_1) = 0.5$$

$$P(S_2) = 0.3$$

$$P(S_3) = 0.1$$

$$P(S_4) = 0.1$$

$$E[\pi_s] = 1.9$$