

b)
$$B = \frac{3}{4} \text{ le stur politine extractive stable II surre}$$
 $P(B) = \frac{3}{4} P(B|E_1) P(E_1)$
 $P(B|E_2) = \frac{\binom{3}{2}\binom{3}{6}}{\binom{5}{2}} = \frac{1}{6}$
 $P(B|E_3) = \frac{\binom{3}{2}\binom{3}{6}}{\binom{5}{2}} = \frac{3}{6} = \frac{1}{2}$
 $P(B|E_4) = 1$
 $P(B) = \frac{1}{6} \cdot \frac{3}{4} + \frac{1}{2} \cdot \frac{3}{4} + 1 \cdot \frac{1}{14} = \frac{1}{14} + \frac{3}{14} + \frac{1}{14} = \frac{1}{14}$
 $P(C) = 1 - P(A) - P(B) = 1 - \frac{3}{2} - \frac{5}{2} = \frac{28 - 3 \cdot 10}{28} = \frac{15}{28}$
 $P(E_4|B) = \frac{7}{8} \cdot \frac{1}{14} = \frac{1}{14} = \frac{1}{14} \cdot \frac{1}{14} = \frac{1}{14} \cdot \frac{1}{14} = \frac{1}{14} = \frac{1}{14} \cdot \frac{1}{14} = \frac{1}{14} = \frac{1}{14} \cdot \frac{1}{14} = \frac{1}{14} \cdot \frac{1}{14} = \frac{1}{14} = \frac{1}{14} \cdot \frac{1}{14} = \frac{1}{14} = \frac{1}{14} \cdot \frac{1}{14} = \frac{1}{14} \cdot \frac{1}{14} = \frac{1}{14} \cdot \frac{1}{14} =$

IF per 6 = []3.507; 12.931] b) x = 0.05 Ho: M=143 V H1: M = 143 Test buldterale sulla media nel con di vanionna mon nota $\begin{cases} \leq e \left(\frac{1}{x} - \mu_0 \sqrt{n} \right) \leq t_{\frac{1}{2}, n-2} \end{cases}$ n'excette Ho Se (x-rosn) > t1-d, n-2 n'rifente Ho $(x - \mu_0) \int_{0.05}^{\infty} = (144.3 - 143) \sqrt{10} = 0.724$ $\sqrt{32,233}$ $\sqrt{20.025} = 0.925$ $\sqrt{2} = 0.925$ t 1-d, n-1= to. 375, s = 2.262 Parché 0.724 2 2.262 ni sicelle Ho