

Probabilità e Statistica - 1° Settembre 2015

C1	$n = 3$
C2	0.1056
C3	$95.368 < \mu < 100.632$
C4	74
E1	0.28, 0.2
E2	$f_X(x) = \begin{cases} \frac{6}{56}, & \text{se } x = 0, \\ \frac{30}{56}, & \text{se } x = 1, \\ \frac{20}{56}, & \text{se } x = 2, \\ 0, & \text{altrimenti.} \end{cases}$ $F_X(x) = \begin{cases} 0, & \text{se } x < 0, \\ \frac{6}{56}, & \text{se } 0 \leq x < 1, \\ \frac{36}{56}, & \text{se } 1 \leq x < 2, \\ 1, & \text{se } x \geq 2. \end{cases}$ $P[X \leq 1.5] = \frac{36}{56}, \quad E[X] = 1.25, \quad \text{var}[X] = 0.41$