

Probabilità e Statistica - 7 Settembre 2016

C1	0.908
C2	4
C3	$e^{-\lambda}$
C4	0.003158
E1	$\theta = \frac{1}{3}, \frac{2}{9}, \frac{7}{9}, E[X] = 0, \text{var}[X] = \frac{4}{9},$ $F_X(x) = \begin{cases} 0, & \text{se } x < -1, \\ \frac{2}{9}, & \text{se } -1 \leq x < 0, \\ \frac{7}{9}, & \text{se } 0 \leq x < 1, \\ 1, & \text{se } x \geq 1. \end{cases}$
E2	$\frac{1}{4}, \frac{3}{8}\sigma^2, 4$