

Probabilità e Statistica - 10 Luglio 2012

	C1	C2	C3	C4	E1	E2
F1	-0.44	0.4138	$\frac{4}{9}$	$\frac{3}{4}$	$L = \lambda^{2n}(x_1 - 1) \dots (x_n - 1)e^{-\lambda \sum_i x_i + \lambda n}$ $T = \frac{2}{\bar{X}_n - 1}$	$a = 1$ (tabella) X, Y dipendenti $\text{cov}[X, Y] = 0$
F2	-0.32	0.4211	$\frac{3}{2}$	$\frac{3}{4}$	$L = \lambda^{2n}(x_1 - 2) \dots (x_n - 2)e^{-\lambda \sum_i x_i + 2\lambda n}$ $T = \frac{2}{\bar{X}_n - 2}$	$a = 2$ (tabella) X, Y dipendenti $\text{cov}[X, Y] = 0$
F3	-0.86	0.3448	$\frac{8}{9}$	$\frac{3}{4}$	$L = \lambda^{2n}(x_1 + 1) \dots (x_n + 1)e^{-\lambda \sum_i x_i - \lambda n}$ $T = \frac{2}{\bar{X}_n + 1}$	$a = 3$ (tabella) X, Y dipendenti $\text{cov}[X, Y] = 0$
F4	-0.61	0.3947	$\frac{5}{2}$	$\frac{3}{4}$	$L = \lambda^{2n}(x_1 + 2) \dots (x_n + 2)e^{-\lambda \sum_i x_i - 2\lambda n}$ $T = \frac{2}{\bar{X}_n + 2}$	$a = 4$ (tabella) X, Y dipendenti $\text{cov}[X, Y] = 0$

Y \ X	-2	0	2	
a	0	$\frac{1}{2}$	0	$\frac{1}{2}$
4+a	$\frac{1}{4}$	0	$\frac{1}{4}$	$\frac{1}{2}$
	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{1}{4}$	