

Probabilità e Statistica - 2 Settembre 2013

	C1	C2	C3	C4	E1	E2
F1	0.41351	$\frac{91}{216}$	$\frac{3}{4}$	$\frac{1}{3}$	$a = 6, b = -6,$ $P[X < \frac{1}{2}] = \frac{1}{2},$ $var[X] = \frac{1}{20}.$	a) $\frac{13}{18}$ b) $\frac{9}{13}$ c) $\frac{5}{18}$ d) $\frac{5}{18}$
F2	0.22547	$\frac{91}{216}$	$\frac{7}{16}$	$\frac{1}{3}$	$a = \frac{42}{5}, b = -\frac{48}{5},$ $P[X < \frac{1}{2}] = \frac{13}{20},$ $var[X] = \frac{1}{50}.$	a) $\frac{11}{16}$ b) $\frac{4}{11}$ c) $\frac{5}{48}$ d) $\frac{5}{12}$
F3	0.33129	$\frac{91}{216}$	$\frac{16}{25}$	$\frac{1}{3}$	$a = \frac{18}{5}, b = -\frac{12}{5},$ $P[X < \frac{1}{2}] = \frac{7}{20},$ $var[X] = \frac{3}{50}.$	a) $\frac{22}{27}$ b) $\frac{9}{22}$ c) $\frac{5}{54}$ d) $\frac{5}{9}$
F4	0.26669	$\frac{91}{216}$	$\frac{40}{49}$	$\frac{1}{3}$	$a = \frac{6}{5}, b = \frac{6}{5},$ $P[X < \frac{1}{2}] = \frac{1}{5},$ $var[X] = \frac{1}{20}.$	a) $\frac{27}{32}$ b) $\frac{8}{9}$ c) $\frac{15}{32}$ d) $\frac{5}{24}$