国部散型所有

in Contrast	70.1			
0一樣仍布	E[X] = \(\sum_{\pi} \) \(\text{P(a)} = \)	1. + 2. 8	$\frac{k}{k} = \frac{1}{k} \cdot \frac{k(k)}{2}$	= <u>k+1</u> = 2
	$E[X^{2}] = \frac{1}{K} \left[1+4+ \frac{1}{2} \right]$	9 + (2) = [$\frac{k(k\pi)(2k\pi)}{6} = \frac{(k\pi)(2k\pi)}{6}$ $(k\pi)(4k\pi2-3k-3)$	k ² - [
1 2 K	15	(2		- (2
o MilZ-9 9	市 欧州祖李P	Bin [1. P)		

$$P(X=x) = P^{x}(I-P)^{1-x}$$

$$E[X] = \frac{1}{x} \times P(x) = 1 \cdot P + O \cdot ((-P) = P)$$

$$E[X^{2}] = \frac{1}{x} \times P(x) = P$$

$$V[X] = P - P^{2} = \frac{1}{x} \cdot P + \frac{1}{x} \cdot P$$

o 一項的 P $Y = X(+X_2 + \cdots + X_n)$ $E[S^r] = E[S^r, S^r, \cdots]$ $= E[S^n] \times E[S^n] \cdots$ $= E[X_1] + E[X_1] + \cdots + E[X_n] = nP$ $= (PS+R)^n$

V [X] = Nbg"

0 超级有6年 · 复云和出 Bin (n. M) o 集復元和出 HG (N. M.n) P(Y=4)= MC+×N-MCN-3 o tird-hip $P_{o}(\lambda)$: $P(Y=7) = \frac{\lambda^{d}}{2i}e^{-\lambda}$ ○ 繁何的中 Geo(P) P(X=x)= (L-P)x. P/ G(S)= E[Sx] = \(\frac{1}{2} \) \(\frac{1}{2} \

$$G'(S) = E[X:S^{K+1}] = \frac{PR}{(-RS)^2} \qquad G'(1) = E[X] = \frac{R}{P}$$

$$G'(S) = E[X(X+1)S^{K+2}] = \frac{PR^2 \cdot (1-RS)^2 \cdot 2}{(1-RS)^4 \cdot 3} = \frac{2PR^2}{(1-RS)^4 \cdot 3} = \frac{2PR^2}{(1-R$$

$$\beta = [-(HP)^{n}]$$

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$$n = 5000 \times 3.9$$

$$-nP = -3.9$$

$$(X=x) = \frac{40(x \cdot 39(2x - x))}{79(2x - x)}$$

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$$(X=x) = \frac{40(x \cdot 39(2x - x))}{100(x - x$$

$$\begin{aligned}
& = \frac{1}{2} \left[\frac{1}{2} \times \frac{1}{3} \right] = 1 \cdot \left[\frac{1}{2} \left(\frac{1}{2} \times \frac{1}{3} \right) + \frac{1}{2} \right] \\
& = \frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} \\
& = \frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} \\
& = \frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} \\
& = \frac{1}{2} \cdot \frac{1$$

$$P(x = x \mid x + y = 5) = P(x + y = 5)$$

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$$= \frac{5!}{x!(5 \cdot x)} = \frac{5!}{x!(5 \cdot x)} = \frac{5!}{x!(5 \cdot x)}$$

R9 5.5

X ~ Geo (P) [1] t-L' n種類 K種類 K+L種類目 R= n-k N-1 N = 3 (4 + 4 + 4) $= 4\left(\frac{1}{1} + \frac{1}{3} + \frac{1}{4}\right) = \frac{25}{3}$