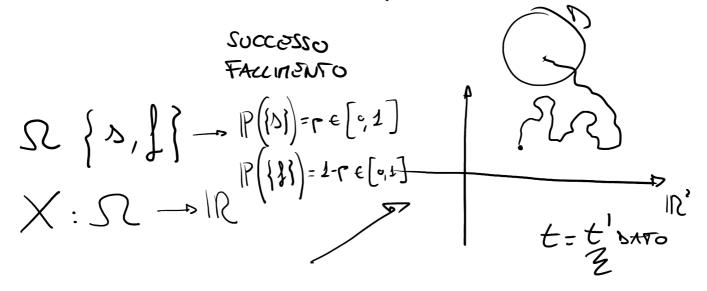
(C.V.)

V.A. DI BERNOULLI;

DICOTOMICI

. CONSIDER STREET THE MEDICAL CONSCIENCE

CON BITO DICOTOMICO. (CIOÈ 2 SOCE ETICHETTE)



$$\times (?) = 0$$

$$T_{m}(\times) = \{0,1\}$$

$$P(T) = \frac{1}{4}$$

$$P(c) = \frac{3}{4}$$

PMF

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

$$\times \in I_{m}(X)$$

$$\mathbb{P}(X=1) = \mathbb{P}(X^{-1}(1)) = \mathbb{P}(\{5\}) = C$$

$$\mathbb{P}(X=0) = \mathbb{P}(X^{-1}(0)) = \mathbb{P}(\{5\}) = (1-C)$$

PARATETRO

ES LANCIO 1 DANO EQUO

$$\{5\} = \{5\}$$

$$\{1,2,3,4,6\} = \{1\}$$

$$P = \frac{1}{6}$$

$$1-P = \frac{5}{6}$$

V.A. BINOMIALE

ESP. PROB SI TIPO DICOTOMICO.

RIPETO QUETTO ESPERIMENTO NO VOLTE IN

MODO INDIPENDENTE E IDENTICO. CONTO

QUANTI SUCCESSI OTTENGO.

WATURALS FISIATO.

PMF:
$$I_{m}(X) = \{0,1,2,...,m\}$$

$$\forall x \in I_{m}(X)$$

$$P(X=x) = P_{X}(x)$$

$$\frac{K=0}{F_{X}(0)} = \left[F\left(\left\{ w \in \Omega \right\} \middle/ w = \left(w_{1}, w_{2}, w_{3}, w_{3}, w_{5} \right) \right]$$

$$= \frac{5}{6} \cdot \frac{5}{6} \cdot \frac{5}{6} \cdot \frac{5}{6} \cdot \frac{5}{6} = \left(\frac{5}{6} \right) \left\{ w_{1}, w_{2}, w_{3}, w_{3}, w_{5} \right\}$$

$$= \frac{5}{6} \cdot \frac{5}{6} \cdot \frac{5}{6} \cdot \frac{5}{6} \cdot \frac{5}{6} = \left(\frac{5}{6} \right) \left\{ w_{1}, w_{2}, w_{3}, w_{3}, w_{5}, w_{5} \right\}$$

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$$= \frac{5}{6} \cdot \frac{5}{6} \cdot \frac{5}{6} \cdot \frac{5}{6} \cdot \frac{5}{6} = \left(\frac{5}{6} \right) \left\{ w_{1}, w_{2}, w_{3}, w_{5}, w_{5}, w_{5} \right\}$$

$$\frac{X=1}{P(X)} = P(X=1)$$

$$= \binom{5}{3} \cdot \frac{1}{6} \left(\frac{5}{6}\right)^{\frac{1}{3}}$$

$$= \binom{1}{3} \cdot \frac{1}{6} \left(\frac{5}{6}\right)^{\frac{1}{3}}$$

$$= \binom{1}{3} \cdot \frac{1}{6} \left(\frac{5}{6}\right)^{\frac{1}{3}}$$

$$P\left(\frac{3}{3},\frac{1}{3},\frac{1}{3},\frac{1}{3}\right)$$

$$=\frac{1}{6}\cdot\frac{5}{6}\cdot\frac{5}{6}\cdot\frac{5}{6}\cdot\frac{5}{6}=\frac{1}{6}\left(\frac{5}{6}\right)^{\frac{1}{3}}$$

$$=\frac{5}{6}\cdot\frac{1}{6}\cdot\frac{5}{6}\cdot\frac{5}{6}=\frac{1}{6}\left(\frac{5}{6}\right)^{\frac{1}{3}}$$

$$=\frac{5}{6}\cdot\frac{1}{6}\cdot\frac{5}{6}\cdot\frac{5}{6}=\frac{1}{6}\left(\frac{5}{6}\right)^{\frac{1}{3}}$$

$$X \in T_{\mathbf{u}}(X)$$
 of the Establish Establish Size of X

$$L^{\times}(\kappa) = L(\times = \kappa)$$

$$= \binom{m}{k} p^{k} \left(1 - p\right)^{m-k}$$

$$2 = \mathbb{P}(S2)$$

$$= \mathbb{P}(X=0) + \mathbb{P}(X=1)$$

$$+ \dots + \mathbb{P}(X=m)$$

$$= \sum_{N=0}^{\infty} |P(X=X)|$$

$$= \sum_{N=0}^{\infty} (N) |P(1-P)|^{N-N}$$

$$= \sum_{N=0}^{\infty} (N) |P(1-P)|^{N-N}$$

$$= \sum_{N=0}^{\infty} |P(X=X)|^{N-N}$$

V.A. GOOTHERICA

ESPERIMENTO DICOTOMICO.

RIPETO PROVE BERNOULLIANE IN DIPENDENTI E IDENTICHE FINO A CHE OFFENOO IL PRITTO LOCCESSO. CONTO QUANTE PROVE HO FATTO.

$$\underline{T}_{m}(\times) = \left\{1, 2, 3, \dots\right\}$$

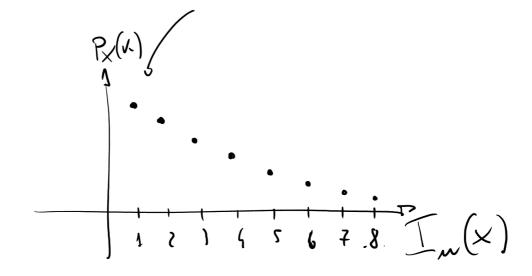
$$P(x) = P(1-P)^{x-1}$$

$$X \sim Geometrica(P)$$

$$k \in \mathcal{I}_{m}(\times)$$

$$(\{1,1,\ldots,1,5\})$$

K-MA PROVA



R

ANALISI STATISTICHE

~ MATCAB.

OPEN SOURCE GPL.

V.A. POISSON