Thursday, October 27, 2016 12:15 PM

Sample average

(.V

Sample size'

Sample size'

(.V

Diamial

?MF

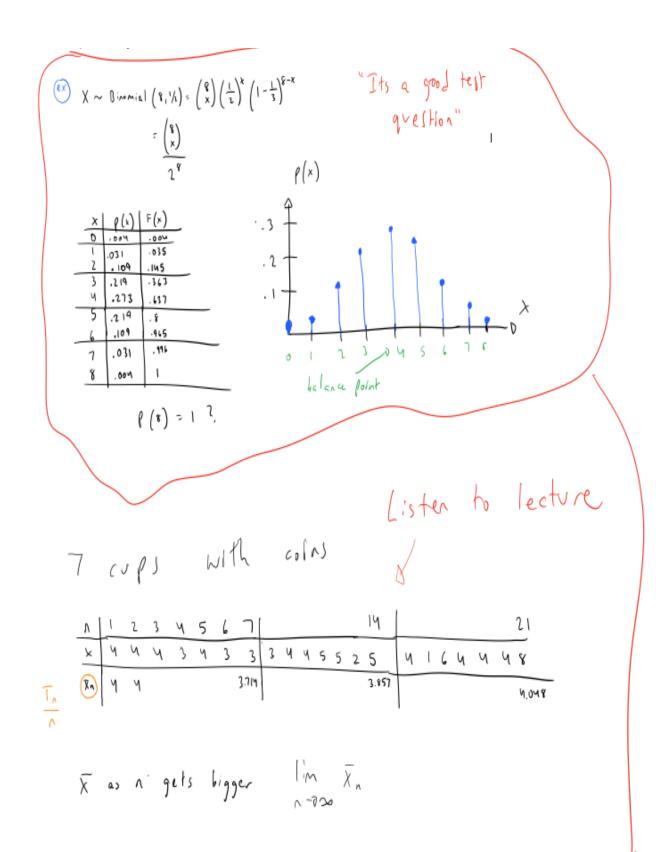
$$X_1, X_2, X_3 \sim Bernoulli (0.1)$$
 $X_1, X_2, X_3 \sim Bernoulli (0.1)$
 $X_1, X_2, X_3 \sim Binomial (3,0.1) = \begin{cases} 0 & \text{or } .729 \\ 1 & \text{or } .243 \\ 2 & \text{or } .027 \\ 3 & \text{or } .001 \end{cases}$

$$T_3 \sim Binomial (3,0.1) = \begin{cases} 0 & vp & .729 \\ 1 & vp & .243 \\ 2 & vp & .027 \\ 3 & vp & .60 \end{cases}$$

$$\frac{1}{X}_{3} = \begin{cases} 0 & \text{Ap. } .729 \\ \frac{1}{3} & \text{Ap. } .243 \\ \frac{2}{3} & \text{Ap. } .027 \\ 1 & \text{Ap. } .001 \end{cases}$$

$$\overline{X} = \frac{1}{r} \sum_{i=1}^{r} X_{i}$$

realization from X



$$E[x] := M := \underbrace{\sum_{x \in S \cdot H(C)} \times \rho(x)}_{x \in S \cdot H(C)} := \underbrace{\sum_{x \in S \cdot H(C)} \times \rho(x)}_{x \in S \cdot H(C)} := \underbrace{\sum_{x \in S \cdot H(C)} \times \rho(x)}_{x \in S \cdot H(C)} := \underbrace{\sum_{x \in S \cdot H(C)} \times \rho(x)}_{x \in S \cdot H(C)} := \underbrace{\sum_{x \in S \cdot H(C)} \times \rho(x)}_{x \in S \cdot H(C)} := \underbrace{\sum_{x \in S \cdot H(C)} \times \rho(x)}_{x \in S \cdot H(C)} := \underbrace{\sum_{x \in S \cdot H(C)} \times \rho(x)}_{x \in S \cdot H(C)} := \underbrace{\sum_{x \in S \cdot H(C)} \times \rho(x)}_{x \in S \cdot H(C)} := \underbrace{\sum_{x \in S \cdot H(C)} \times \rho(x)}_{x \in S \cdot H(C)} := \underbrace{\sum_{x \in S \cdot H(C)} \times \rho(x)}_{x \in S \cdot H(C)} := \underbrace{\sum_{x \in S \cdot H(C)} \times \rho(x)}_{x \in S \cdot H(C)} := \underbrace{\sum_{x \in S \cdot H(C)} \times \rho(x)}_{x \in S \cdot H(C)} := \underbrace{\sum_{x \in S \cdot H(C)} \times \rho(x)}_{x \in S \cdot H(C)} := \underbrace{\sum_{x \in S \cdot H(C)} \times \rho(x)}_{x \in S \cdot H(C)} := \underbrace{\sum_{x \in S \cdot H(C)} \times \rho(x)}_{x \in S \cdot H(C)} := \underbrace{\sum_{x \in S \cdot H(C)} \times \rho(x)}_{x \in S \cdot H(C)} := \underbrace{\sum_{x \in S \cdot H(C)} \times \rho(x)}_{x \in S \cdot H(C)} := \underbrace{\sum_{x \in S \cdot H(C)} \times \rho(x)}_{x \in S \cdot H(C)} := \underbrace{\sum_{x \in S \cdot H(C)} \times \rho(x)}_{x \in S \cdot H(C)} := \underbrace{\sum_{x \in S \cdot H(C)} \times \rho(x)}_{x \in S \cdot H(C)} := \underbrace{\sum_{x \in S \cdot H(C)} \times \rho(x)}_{x \in S \cdot H(C)} := \underbrace{\sum_{x \in S \cdot H(C)} \times \rho(x)}_{x \in S \cdot H(C)} := \underbrace{\sum_{x \in S \cdot H(C)} \times \rho(x)}_{x \in S \cdot H(C)} := \underbrace{\sum_{x \in S \cdot H(C)} \times \rho(x)}_{x \in S \cdot H(C)} := \underbrace{\sum_{x \in S \cdot H(C)} \times \rho(x)}_{x \in S \cdot H(C)} := \underbrace{\sum_{x \in S \cdot H(C)} \times \rho(x)}_{x \in S \cdot H(C)} := \underbrace{\sum_{x \in S \cdot H(C)} \times \rho(x)}_{x \in S \cdot H(C)} := \underbrace{\sum_{x \in S \cdot H(C)} \times \rho(x)}_{x \in S \cdot H(C)} := \underbrace{\sum_{x \in S \cdot H(C)} \times \rho(x)}_{x \in S \cdot H(C)} := \underbrace{\sum_{x \in S \cdot H(C)} \times \rho(x)}_{x \in S \cdot H(C)} := \underbrace{\sum_{x \in S \cdot H(C)} \times \rho(x)}_{x \in S \cdot H(C)} := \underbrace{\sum_{x \in S \cdot H(C)} \times \rho(x)}_{x \in S \cdot H(C)} := \underbrace{\sum_{x \in S \cdot H(C)} \times \rho(x)}_{x \in S \cdot H(C)} := \underbrace{\sum_{x \in S \cdot H(C)} \times \rho(x)}_{x \in S \cdot H(C)} := \underbrace{\sum_{x \in S \cdot H(C)} \times \rho(x)}_{x \in S \cdot H(C)} := \underbrace{\sum_{x \in S \cdot H(C)} \times \rho(x)}_{x \in S \cdot H(C)} := \underbrace{\sum_{x \in S \cdot H(C)} \times \rho(x)}_{x \in S \cdot H(C)} := \underbrace{\sum_{x \in S \cdot H(C)} \times \rho(x)}_{x \in S \cdot H(C)} := \underbrace{\sum_{x \in S \cdot H(C)} \times \rho(x)}_{x \in S \cdot H(C)} := \underbrace{\sum_{x \in S \cdot H(C)} \times \rho(x)}_{x \in S \cdot H(C)} := \underbrace{\sum_{x \in S \cdot H(C)} \times \rho(x)}_{x \in S \cdot H(C)} := \underbrace{\sum_{x \in S \cdot H(C)} \times \rho(x)}_{x \in S \cdot H(C)} := \underbrace{\sum_{x \in S \cdot H(C)} \times \rho(x)}_{x \in S \cdot H(C)} := \underbrace{\sum_{x \in S \cdot H(C)} \times \rho(x)}_{x \in S \cdot H(C)} := \underbrace{\sum_{x \in S \cdot H(C)} \times \rho(x)}_{x \in S \cdot H(C)} := \underbrace{\sum_{x$$

$$E[x] = O \cdot b(0) + I \cdot b(1)$$

$$E[x] = 0.p(0) + 1.p(1) + 8.p(8)$$

$$= (.031) + (2...109) + (3...219) + (4...273)$$

$$+ (5...219) + (6...109) + (7...031) + (8...004)$$

$$E[x] = \sum_{x=0}^{n} x \binom{n}{x} p^{x} (1-p)^{n-x} = \sum_{x=1}^{n} x \frac{n!}{x!(n-x)!}$$

$$= n p \sum_{x=1}^{n} \frac{(n-1)!}{(k-1)!(n-x)!} p^{x-1} (1-p)^{((n-1)-(k-1))}$$

$$(n-1) - (x-1)$$

