Lec 3 Prah 341 2/5/19
Ome = mynn { lo;x)}
ME's allow for the 3 good of inference
DPt. Econom. Fan gress is Some
To Confidence Ser. CIO,1-a! = [Sime = Zo SP [Sime] 8-Sime] D. Hackeri Ten. Ho! 9-80, Resome Rem - NO
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I'me = 0. The is a bad idea. This near your abs. sine He reduced
CIQ, 1-x = 803, You have no confidence in my who when!
RRX = { Dos. Eng mill is rejected!
> There is but for low in and for small / large of
3) Who if you kin the @ was festiveled eg. Of (0.1,0.2).
I have the thousand not all

(a) Consider the frequency surgraphing of a CI eg Co. 15x=[0.77ex] (a) If you report this expension may then 95% of the Is trill cepture the une O. (b) before your begin, there is a 95% chance O will be to be CI. Very neird! e(O e [0.37, 0.43]) = O or 1 stree O is frace! Thorrows!! Any CI has no irrespondent. What your wars! P. D. e(0.37, 0.13) = 95%. (c) Hypothesis Tests oil is regularly to or returns of the.
(b) Refore you begin, there is a 95% clame & will be to be CI. Very neird! $P(D \in [0.37, 0.43]) = 0$ or 1 sine Dio Frenc! horwis!! Any CI has no interpresent. When you have: $P(D \in [0.37, 0.33]) = 95$
(b) Refore your begin, there is a 95% clame & will be to be CI. Very neird! $P(D \in [0.37, 0.43]) = 0$ or 1 sine Dio France! horwis!! Any CI has no interpresent. When you have: $P(D \in [0.37, 0.33]) = 95$
Vary neird: $P(\theta \in [037, 0437)) = 0$ or 1 Sine θ is flow?! Norwis!! Any CI has no interpresent. When you have: $P(\theta \in [0.37, 0.73)) = 95$
Vary neird: $P(\theta \in [037, 0437)) = 0$ or 1 Sine θ is flow?! Norwis!! Any CI has no interpresent. When you have: $P(\theta \in [0.37, 0.73)) = 95$
Any CI has no interpresent when you was: PQ elp. 37, 0.73) = 25 x
Any CI has no interpresent . When you was: Pacle 37, 0.73) = 25%
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to Khon! All kills in yes, when does it! In grand, very definite

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B P(BlA)	Snok ray) Continue unerse $C = C P(A,B) = \frac{1}{0.7} P(A,B)$ $C = \frac{1}{0.7} P(A,B)$ $C = \frac{1}{0.7} P(A,B)$ $C = \frac{1}{0.7} P(A,B)$	(A) (C) - (A)
1	the shape, but hed so signe	the magnificant Lucion
And the state of t	M = 0.5'' $0.5''$	Cond. Prob. PGIA = PGB) PB)
$200m = 2 = \frac{1^{11}}{0.5^{11}} =$	ben sky scope	P(B) => (B/A) Dompston Controling Deser prob.

$$\Rightarrow P(A|B) = \frac{P(A|B)}{P(B)}$$

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$$\Rightarrow P(B|B) =$$

Sam is called marginalizing my l' or prograng on 6"

Or preducin our P, or preduct and B,1

Bayes Pule & Bayes Then for v.v.'s

Impie suo r.v.'s X, Y, Sy (x)= {1,2,3,43, Syp(4)= {1,2,3,7,5,6} $P(Y=5) = P(Y=5, X=1) + P(Y=5, X=2) + P(Y=5, X=3) + P(Y=5, X=4) = \sum_{x \in S_{p}(x)} P(Y=5, X=2) + P(Y=5, X=3) + P(Y=5, X=4) = \sum_{x \in S_{p}(x)} P(Y=5, X=3) + P(Y=5, X=4) = \sum_{x \in S_{p}(x)} P(Y=5, X=3) + P(Y=5, X=4) = \sum_{x \in S_{p}(x)} P(Y=5, X=3) + P(Y=5, X=4) = \sum_{x \in S_{p}(x)} P(Y=5, X=3) + P(Y=5, X=4) = \sum_{x \in S_{p}(x)} P(Y=5, X=3) + P(Y=5, X=4) = \sum_{x \in S_{p}(x)} P(Y=5, X=3) + P(Y=5, X=4) = \sum_{x \in S_{p}(x)} P(Y=5, X=3) + P(Y=5, X=4) = \sum_{x \in S_{p}(x)} P(Y=5,$ P(X=2/4:5) = 14 gene P(X=x/Y=y) - P(X=x, Y=y)

P(x/y) = P(x/y) = jm2 and p(x) = Sp(xy) of X discore or PG): SPEY) by & X Corx. Pages Rale to tell us sorething

Buck to the story -- let's use aparo of paner 0? P(0/x) = P(x/0) P(0)
P(x)

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(3 PB) nakes no sense. You cannot cake prob of X whom know
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If Orly(0) = = (8) = distate For this doesn't help arall! P(O) = P(O) = P(O) = P(O) = P(O) = Deg(0)
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This is the Crux of the Views delate!
Ville delate,