

Conflete growne no = 0. Unknown if xellers / follow is over possible. [2 Horum, ROIX) = Blee (X, n-x) which is proper if x>0 Oming = x = Ome Typomon? This is show to use as long as posterior is proper. Informare priors. Immine you a suring to inter a posseball players the basting ability, or, is prob (hit). Assume I = Elmonnal => All at boxs integralar, prob(hit) stomed box entersons.

Once = X + Hits

A+ Boxs The perform poorly as informing & if is is wall. 4=3, x=? Since = .667 Is the possible??? No!

- Browne suder promone Hylan: Ty cobb

To be sex bryggion extrator with P(0)= U(01) => Since = 0.6 was begin Solverson? Shrink tomades previous down!! All the my bosting my is 2.260, Hommun and high Lety design a prior with high shrokene => 4, 16 large.

freshood: look at preme dran. Subset when end phyer Las 4 2500 at bass. Plas all Omes: Nov. fit a Bon dotr. +2 it. Hon? Cole. Since, Bons. => P(0) = Beta (78.7, 224.8) = 40 = 303.5 Eyes! For n=3 ex 6-115 &= 3035+3 = 99%. Junie = (17.)(.667) + (99x.)(.26) = 0.263 Wy is this some? ôme do you really believe is? No., it is an arother of vordonners In small damsers. Shrink is book. In it possible this gry boths, 667? Was , but the traceoff is no read of lost

Eur with a strong prin. If a is large => (>0 and Since is a our estimate.

3 rappes in prob. eg PB1=0.2 Odds(A): = Odds (A,A') asself ligo $:=\frac{94}{960}$ $=\frac{1.9}{1-960}$ $=\frac{0.2}{0.8}$ $=\frac{1.9}{9}$ Odds Agmor (A) = Odds (A) -1 = 4:1 & P(B) ∈ [0,1] but ... $Odds(A) \in [0, 00)$

Odds (A, B) = RA) prob. ross of one erans, Ingin you was or comprise top 05:

P(0=0, |x) = P(x10=0,) P(0=0,) P8)

P(0=06 (x) = P(x10=06) P(0=06)

 $= \frac{P(O=O_{0} \mid X)}{P(O=O_{0} \mid X)} = \frac{P(X \mid O=O_{0})}{P(O=O_{0} \mid X)} = \frac{P(X \mid O=O_{0})}{P(O=O_{0})} = \frac{P(O=O_{0} \mid X)}{P(O=O_{0} \mid X)} = \frac{P(X \mid O=O_{0})}{P(O=O_{0} \mid X)} = \frac{P(X \mid O=O_{0} \mid X)}{P(O=O_{0} \mid X)} = \frac{P(X \mid O=O_{0} \mid X)}{P(O=$

=> Pallo (On Ob (x) = P(x 10 = 0) Odds (0,0)

=> Odds (Q1, Q1 (N) _ Q(X10-01) Odlo (2,00) P(10:00)

Odds (D.O.) X Odds (Dn.O. |x)

P(0) = U(1) = Bezz (1) Pert is it rifferent on he odds scale? Let $\phi(0) = \frac{y}{1-y}$ $\rho(0) = U(0,1) \Rightarrow \rho(\phi(0)) = U(0,0)?$ No sure U(0,0) doe's make sense!! => the priviple of reliffering hors a by problem? TO see the problem clearly a head P(p). Much 621 (hot covered here). Immyre r.v.'s X, & with deserting fx, fx, fx kinning Let Y= t(x) where t is an inversible surrown, Find fy. If A, G somplan.

P(X \in A) \tau \in \frac{1}{x}(x) |dx| P(VEB) = 44) ldy1 $\Rightarrow f_{\mathbf{x}}(y) = f_{\mathbf{x}}(\mathbf{x}) \left| \frac{d\mathbf{x}}{dy} \right|$ Y= t(x) => x= £1(y) => frq)- fx (E-'G)) = (E-'G))