2/24/15 P(d) = \$ = 1/3 P(A/10) = -Cordinal pul afor de bar is no lorger rondom it as if store w's already occurred. All prohis ac continue" P(a):= (4/52) Almya 95hm de 4 mense whole me get to choose. the unconlitude prob 4-1000, 200 motors, 60 lay are, 36 38 De (B) P(1) × 200 = 0.2, P(0) × 1010 = .06, P(1, 15) = 36

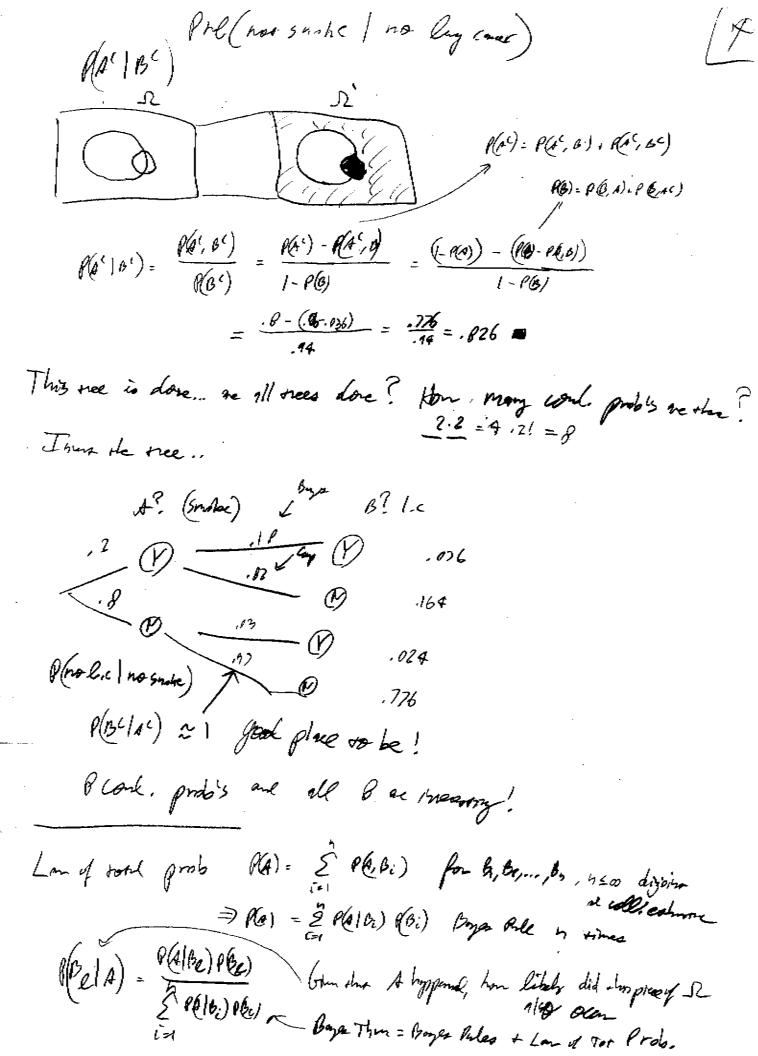
Rep. 1000 = 0.2, P(0) × 1010 = .06 P(1, 15) = 36

Rep. 1000 = 0.2, P(0) × 1010 = .06 Thymy to kin In AB? uncortisol probo's. Bear you can do ghe no Now lets say we have information. Prof's charge! BIA P(l.c. 15) Si=ACSZ grown Sman $P(b|A) = P(b|A) \cdot \frac{P(b)}{P(b)} \left(\frac{1}{P(b)} \right) = \frac{P(b,A)}{P(b)} \cdot \frac{P(b)}{P(b)}$ bur... pigger

Wysolow? - 12 P(snoting 11.c) = P(416) = .036 = .6 good chave he suche har how Pay. P(1.c. | mosmic) = P(B/A') = P(B/A') = .02 = .03 still fitmer ? lan P(B) = P(B, A) - P(B, AC) HA

" see this low $\frac{g(B|A)}{g(B|A)} = \frac{.18}{.03} = 6 \times$ Rox of gening le of you such = Re) is zoon P(416) = P(46) => P(4B) = P(1B) P(B) = (RA) P(B) = P(B,B) Also (16) = (6,6) = P(d) P(e) Boyes Rule P(dt) ~ P(Bla) Some Shye, Lift cam mio p(**s**) 1(e)=1-16") P(e/b) = 1-P(e/b) 48 .036

May smagin has - P(A, B) = P(B)-P(A,B) = 16A splin green, ino morely enden (ACBC) = 1- (Re) + P(e) - P(a, e) = 1-(.2-.06+,0>6) = ,776 Can in do show all with Briges Rule ! ne solud P(A1B). Com ne solve P(AC1B)? Rember. P(B): 1- K4') Possible 0(410) =1- P(C16) 45 + 6 (Yes = P(B) = 1-P(B) => P(B) = P(B) - P(B,B) => P(B) = P(B,B) + P(B,B) Seens like this is me. Moreover... who some SA. Ainaj = d ac VAi = SZ Ar All an a ser of mostly colored collected advent In P(b) = 2 P(B, Ai) ? Va. Proof. Land total prob. B(BNA) + ... + P(BNA) Are BNA, ..., BNAn digioin ? (BNA) (BNA) = ONBNA; NA; = BNØ = Ø YOZ = = A(ONA) U ... U (ENA) by awar (c) (ONA,) U. L(GNA) = BN (A, U ... UAL) Lout from sex in = BN S2 Wykem Rule



Cool. Prob is really reind! C.g. Children partos. I knym he mo kids. Die of huis o god. Was the pub the other is a gill? You mer to say 50% ... bur ... \$ 6 TH 66 AGGI &GOUEBUEGS) - [3] C 3 7 6 1/4 Boya Role: P(66) ((867 U 683 U 863)) Home Hell Gon f you sun

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