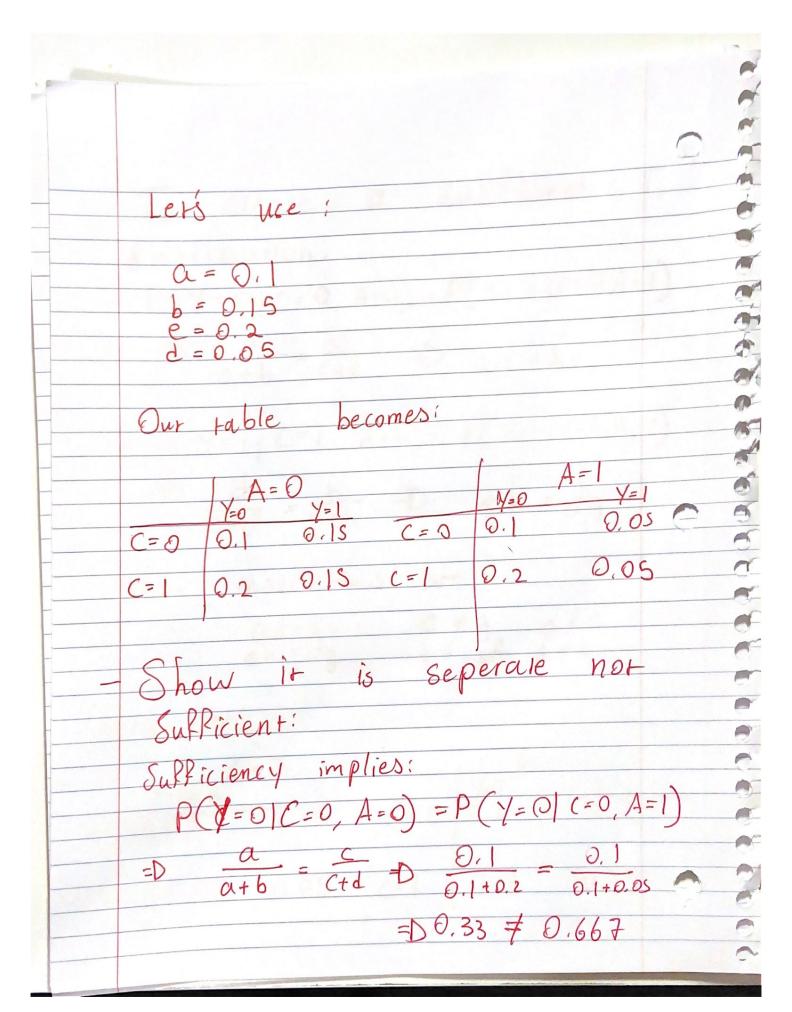
Seperation: P(C=0 | Y=0, A=0) = P(C=0 | Y=0, A=1 P(C=0, Y=0, A=0) = P(C=0, Y=0, A=1) P(Y=0, A=0) P(Y=0, A=1) =D ate ctg => ac +ag = actue P(C=0|Y=1, A=0) = P(R=0|Y=1, A=1) D b= f



To create a sufficient distribution: =0 (C=0, A=0) = P(Y=0 (C=0, A=1 C=1, A=0) = P(Y=1 (=1, A=1) restrictions are: ad=bc eh=dg Seti 0.05 0.05

Show it is not seperate: P(C=0/Y=0, A=0) = P(C=0/Y=0, A=1) ate 0,05 0,05+0,05 0,1+0,15 Not Seperate. as ong in sufficient. be seperare AND Cannot