P (F=1 | C=1 , M=1) = P (C=1, M=1 | F=1) P (F=1) (P(A,B) = P(A) - P(B) P(A=1(E=1, C=1) = P(F=1, C=1 | A=1) P(A=1) P(A,B10) = P(A10). P(B10) D- = P(E=1/Ai). P(C=1/A=i) P(A=i) P (E) , P (C=1) P(BIA) = P(A and B) P (C=1 | A=1) = P (K=1 and A=1) = P (C=1) × P (A=1) = PC R (E=1) A=1) = P (E=1 and A=1) = R (E=1) x P(A=1) = P (E=1) From (= P(E=1). P(c=1) P(A=1) P(A=1/E1/C=1) = P(A=1) = P3 . The bottom line here is since Adid not depend on either For C > So Probability of A didnot change