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a1	a2	Classe	
1	0	C1	
0	0	C1	
2	1	C2	
1	2	C2	
0	1	C1	

P(a2=0/C1) = 2/3P(a2=0/C2) = 0

P(C1) = P(C2) =	3/5 2/5						
P(a1=0/C1) = P(a1=1/C1) = P(a1=2/C1) = P(a2=0/C1) = P(a2=1/C1) = P(a2=2/C1) =	2/3 1/3 0 2/3 1/3	P(a1=0/C2) = P(a1=1/C2) = P(a1=2/C2) = P(a2=0/C2) = P(a2=1/C2) = P(a2=2/C2) =	0 1/2 1/2 0 1/2 1/2				
X = [a1,a2] = [1,0]							
P(a1=1/C1) = P(a1=1/C2) =	1/3 1/2	P(X C1) = P(a1=1/C1) x P(a2=0/C1) = 1/3 x 2/3 = 2/9 P(X C2) = P(a1=1/C2) x P(a2=0/C2) = 1/2 x 0 = 0					

Como P(C1|X) é maior, então a classe da instância X é C1.

 $P(C1|X) \sim P(X|C1)P(C1) = 2/9 \times 3/5 = 6/45 \sim 0.133$

 $P(C2|X) \sim P(X|C2)P(C2) = 0 \times 2/5 = 0$