$= 0.9 \times P(M) + 0.4 \times P(B) = 0.9 \times 0.317 + 0.4 \times 0.883$ P(M) = P(M, E, V) + P(M, E, S) + P(M, W, V) $= P(M|E,V) \times P(E) \times P(V)$ 8,0 × 20,8 = p(c|M) p(M) + p(c|B) p(B)P(C) = P(C, M) + P(C, B)

 $P((x_1, x_2)|Y)$ p(x|Y) = p(Y|X) p(x)P(Y) - P(f, f. f. m. | class) P(class) p (class (f, f. fs. fs.-) Bayes mile.

6

| P(app)= #am+ #rej = 6+6 = 2 | , | D (105 = tome 049) 50 | 11 5/2 | | p (job = false app) = -/7 | | | |
|-----------------------------|---------|-------------------------|-------------------|----------------|---------------------------|--------------------|--------------------|---------------------|
| Fac # dab# | total 6 | 306=tre 1+4=5 3 | 306-false [+1-2 4 | dy-ht/ [+3=4 2 | dep=low (+2=3 / 5 | fan= c:yle 1+3=14. | fair-laple 1+2=3 3 | frizedista 1+0+1 3. |