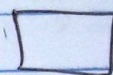


09. Mushroom Classification : Prediction using  
Posterior Probability



$\langle x_1, x_2, \dots, x_n \rangle$

$y = ?$



Posterior

0.2	0.7	0.1
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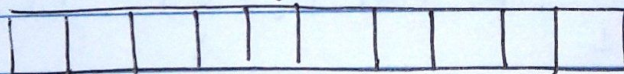
class

0 1 2

$f$



$n$  - features



$x_{test}$  color

$$P(x_i = 'g' \mid y = 1)$$

For every

$x_{test}$

$\{ \text{pred} \}$

match with

$\{ y \}$