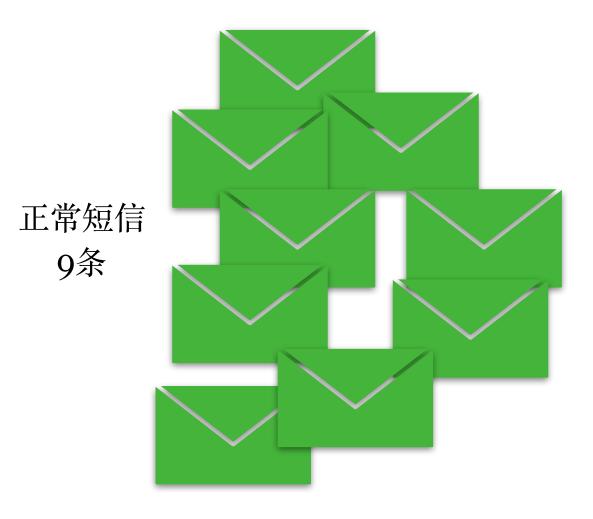
## 2. 计算机-应用结果:





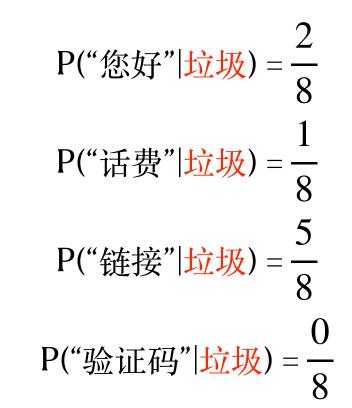
P(垃圾) = 0.25

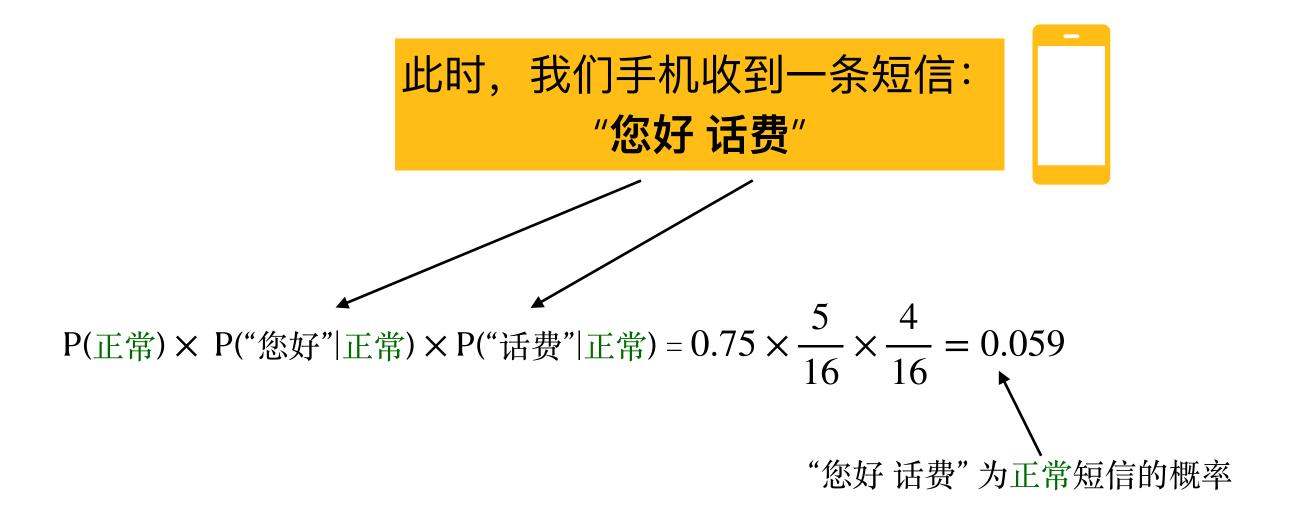
$$P("您好"|正常) = \frac{5}{16}$$

$$P("话费"|正常) = \frac{4}{16}$$

$$P("链接"|正常) = \frac{1}{16}$$

$$P("验证码"|正常) = \frac{6}{16}$$





最后,计算所得的结果就是收到这条短信后,判断为某一类短信的概率。

## 2. 计算机-应用结果:



$$P(正常) = 0.75$$



$$P(垃圾) = 0.25$$

$$P("您好"|正常) = \frac{5}{16}$$

$$P("话费"|正常) = \frac{4}{16}$$

$$P("链接"|正常) = \frac{1}{16}$$

$$P("验证码"|正常) = \frac{6}{16}$$

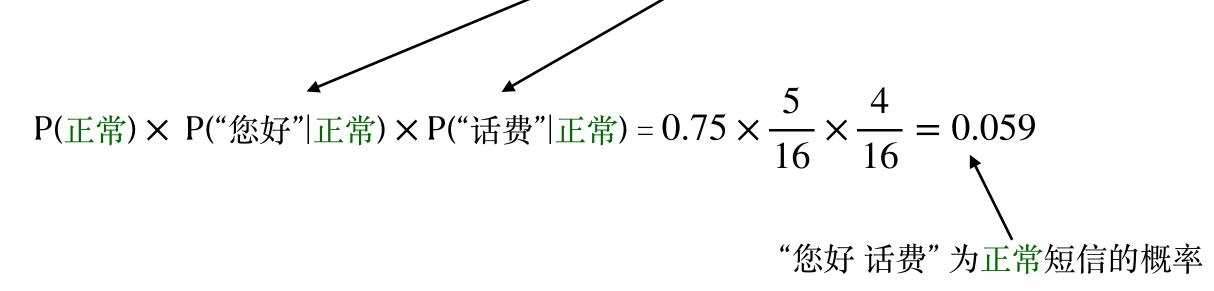
$$P("您好"|垃圾) = \frac{2}{8}$$

$$P("话费"|垃圾) = \frac{1}{8}$$

$$P("链接"|垃圾) = \frac{5}{8}$$

$$P("验证码"|垃圾) = \frac{0}{8}$$





0.059 > 0.0078125

计算机由此得出,"您好话费"这一短信为**正常短信**, 这也与我们自己直觉判断结果相符。