

Predisposition?

Result

positive, 0.03

Yes, 0.99

$$0.03 * 0.99 = 0.0297$$

No, 0.01

$$0.03 * 0.01 = 0.0003$$

negative, 0.97

Yes, 0.02

$$0.97 * 0.02 = 0.0194$$

No, 0.98

$$0.97 * 0.98 = 0.9506$$