

p. 65, 11th line of Problem 3.4
replace $P(D|T)$ with $P(T|D)$

the cause of death was something else, the probability is 99% that the test results are negative. Let the cause of death be represented by the variable, D , which can take two discrete values, C , for pancreatic cancer and E , for something else. The test is represented by the variable, T , which can take two values, Y for positive and N for negative. (A) Write down the 2×2 table of the conditional probabilities $P(D|T)$. (B) Suppose the test results are negative. Use Bayesian Inference to assess the probability that the cause of death was pancreatic cancer. (C) How can the statement that the test is 99% accurate be used in a misleading way?



$P(T|D)$

p. 244, equation 11.11

Insert a minus sign to the right of the approximately equal sign.

$$\Delta T \approx \overset{\wedge}{-} \frac{2\pi}{(m^{\text{est}})^2} \Delta m \quad (11.11)$$