

STATISTICAL ANALYSIS OF PROSTATE CANCER THROUGH THE LOGISTIC REGRESSION

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- *ABSTRACT: Prostate cancer presents as the 2nd most common kind of cancer among men, if framing also as the 6 ° most common in the world, representing about 10% of total cancer diseases afflicting humanity in today. The prostate develops an important role in the system male reproductive and prophylactic measures that can help in the prevention of prostate cancer and even the risk factors disease-related targets are constant debates on academic community. This work intends to present the chance of occurrence of deaths by cancer prostate in men who were diagnoses with cancer in State of Pará was used logistic regression analysis simple. The resulting estimates show that a patient who does not undergo the test preventive, has 129 times more likely to come to die from cancer prostate, than the patient who underwent the examination. There is also a patient aged 77 or more is approximately 8 times more likely to see the cancer death of the patient in age range 47-56 years. In relation to results, we can see the importance of completion of exams and the old man present themselves as important factors for patients with diagnosis of malignant neoplasm of the prostate.*
- *KEYWORDS: Prevention; odds ratio; prostate cancer.*

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