INCIDENT LOCATION IDENTIFICATION IN BREAST CANCER WITH BINARY LOGISTIC REGRESSION ANALYSIS (CASE STUDY OF BREAST CANCER PATIENTS IN HOSPITALS "X")

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ABSTRACT

Cancer occurs due to the growth of body cells that resulted in excessive lump or tumor. Cancer has a peculiar nature, is that it can spread to other parts of the body and grow into new tumors. Breast cancer cells can grow on the right breast, left, and in both breasts. The spread of cancer cells are called metastases. Breast cancer is ranked second only to cervical cancer that attacks the Indonesian women. Based on the Interpretation of binary logistic regression model can be used to determine a patient's chance of developing breast cancer compared with right side breast cancer patients who are left. As an illustration of the use of logistic regression models obtained if a patient's first menstrual age of 12 years and have children then the opportunity for the right of developing breast cancer compared with breast cancer left is 0.81. Thus can be detected in patients with first menstruation age 12 years and will likely not have children affected by breast cancer to the right than the left was 0.19.

Key words: binary logistic regression (dikotomos), breast cancer metastases.