

1.2 BACKGROUND

Breast cancer occurs as a result of a tumor; however, a tumor does not mean cancer. It can be benign (not cancerous), pre-malignant (pre-cancerous), or malignant (cancerous). Many researches have shown that appropriate treatments and early detection to the benign and pre-malignant tumor can effectively limit the impact of the breast cancer to patients or even cure the tumor.



1.3 STUDY OBJECT

Making accurate prediction and diagnosis to the tumor are the key to reducing the formation of malignant tumor that can cause breast cancer, which is in the interest of this research to ask how we can statically predict whether a tumor is benign or malignant.

