

Breast Cancer Coimbra Data Set

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Abstract: Clinical features were observed or measured for 64 patients with breast cancer and 52 healthy controls.

Data Set Characteristics:	Multivariate	Number of Instances:	116	Area:	Life
Attribute Characteristics:	Integer	Number of Attributes:	10	Date Donated	2018-03-06
Associated Tasks:	Classification	Missing Values?	N/A	Number of Web Hits:	22732

Source:

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Data Set Information:

There are 10 predictors, all quantitative, and a binary dependent variable, indicating the presence or absence of breast cancer. The predictors are anthropometric data and parameters which can be gathered in routine blood analysis. Prediction models based on these predictors, if accurate, can potentially be used as a biomarker of breast cancer.

Attribute Information:

Quantitative Attributes:

Age (years)
BMI (kg/m²)
Glucose (mg/dL)
Insulin (μU/mL)
HOMA
Leptin (ng/mL)
Adiponectin (μg/mL)
Resistin (ng/mL)
MCP-1(pg/dL)

Labels:

1=Healthy controls
2=Patients

Relevant Papers:

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Citation Request:

This dataset is publicly available for research. The details are described in [Patrício, 2018] - [\[Web Link\]](#).

Please include this citation if you plan to use this database:

[Patrício, 2018] Patrício, M., Pereira, J., Crisóstomo, J., Matafome, P., Gomes, M., Seica, R., & Caramelo, F. (2018). Using Resistin, glucose, age and BMI to predict the presence of breast cancer. BMC Cancer, 18(1). [\[Web Link\]](#)

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