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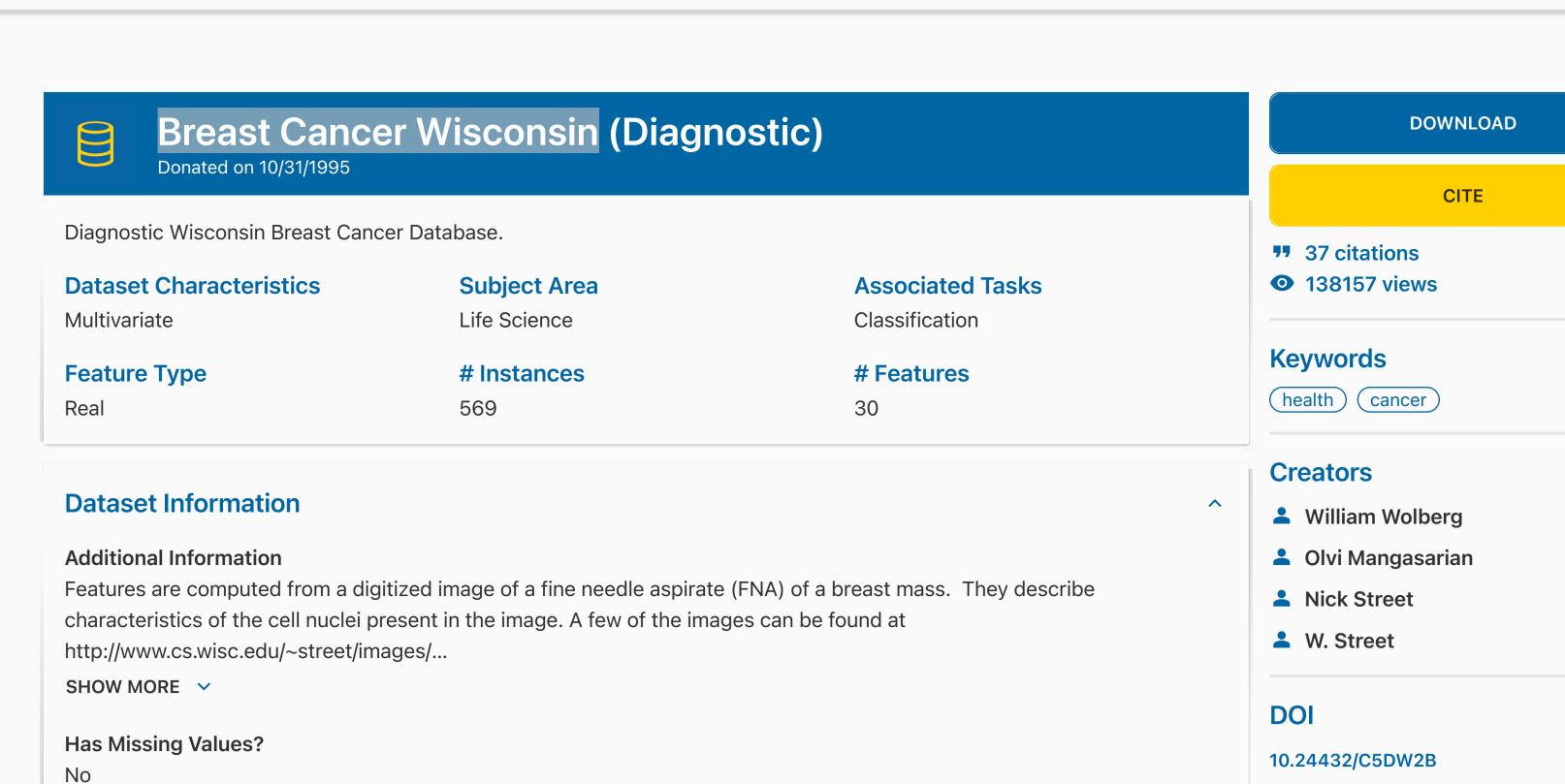
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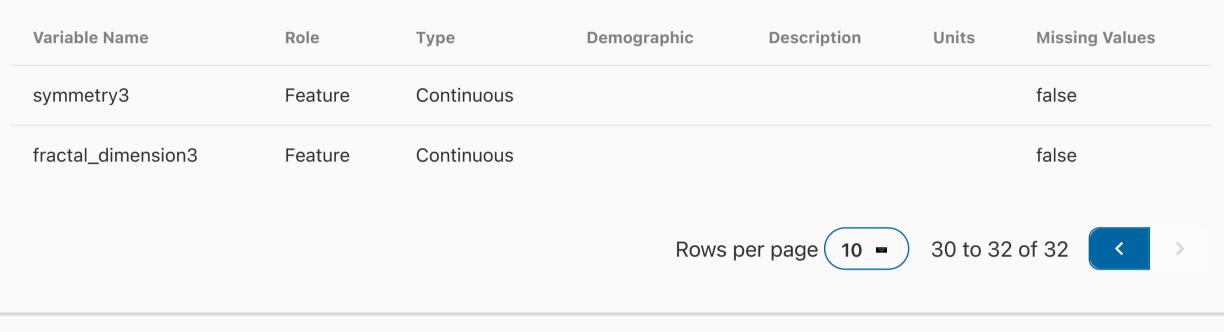


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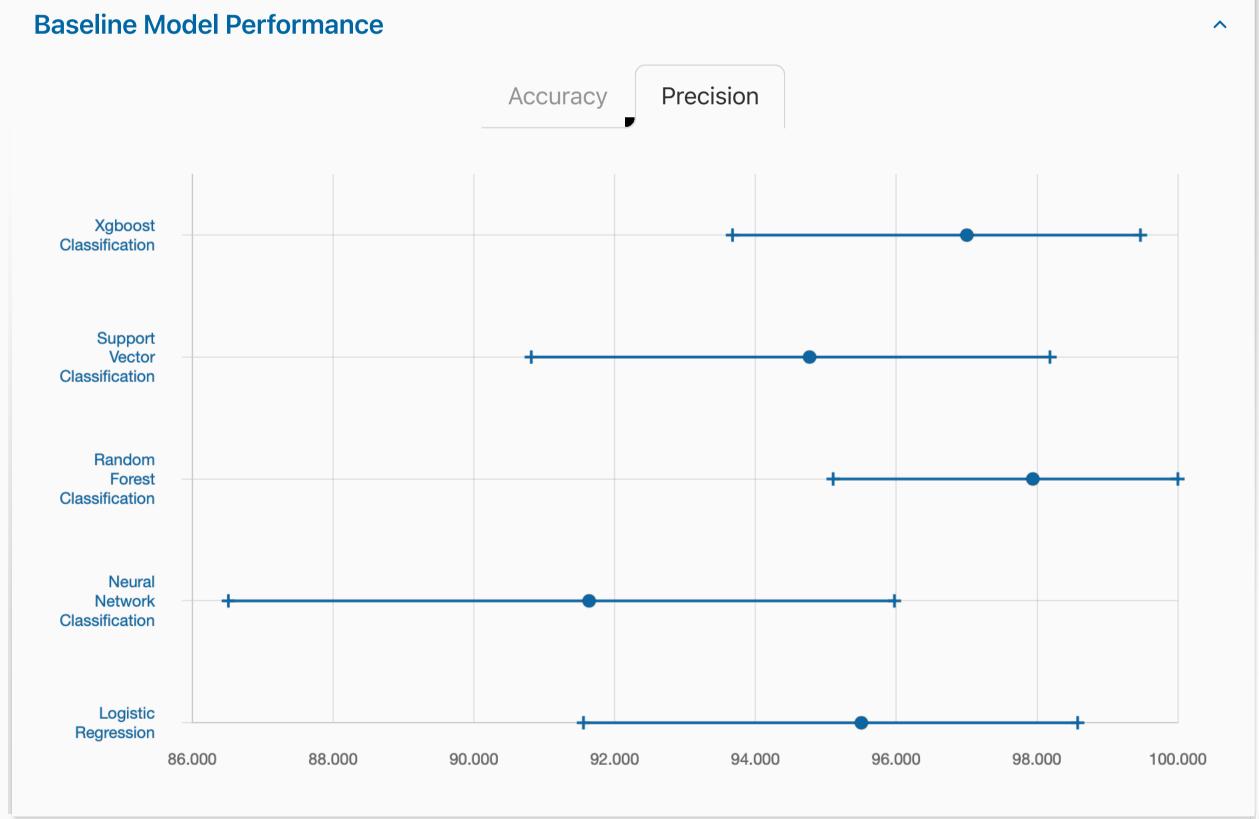
## Nuclear feature extraction for breast tumor diagnosis By W. Street, W. Wolberg, O. Mangasarian. 1993 Published in Electronic imaging

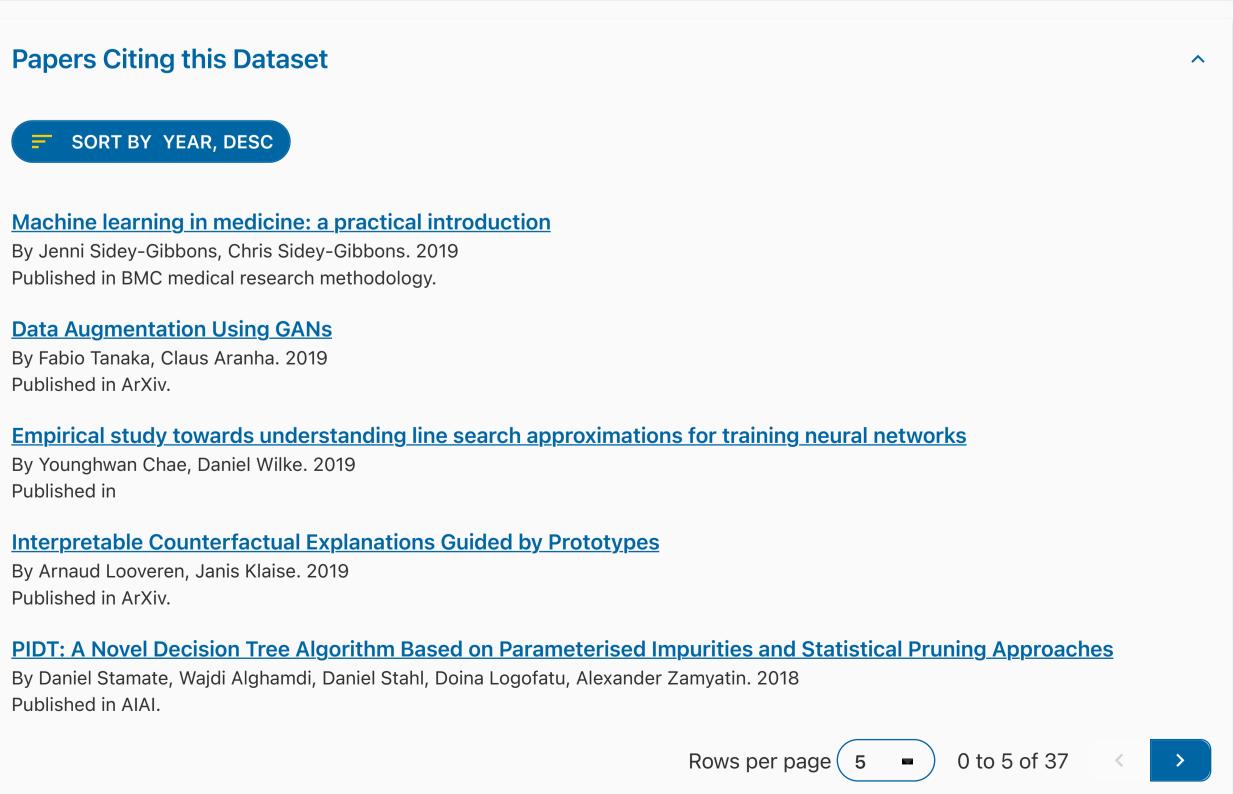
Variables Table

Variable Name Role Type Demographic Description Units Missing Values



**Additional Variable Information Additional Information** 1) ID number 2) Diagnosis (M = malignant, B = benign) 3-32) Ten real-valued features are computed for each cell nucleus: a) radius (mean of distances from center to points on the perimeter) b) texture (standard deviation of gray-scale values) c) perimeter d) area e) smoothness (local variation in radius lengths) f) compactness (perimeter^2 / area - 1.0) g) concavity (severity of concave portions of the contour) h) concave points (number of concave portions of the contour) i) symmetry j) fractal dimension ("coastline approximation" - 1) SHOW LESS ^





LOGISTICS

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