Resource Summary Report

Generated by NIF on May 28, 2025

Boruta

RRID:SCR_016234
Type: Tool

Proper Citation

Boruta (RRID:SCR_016234)

Resource Information

URL: https://CRAN.R-project.org/package=Boruta

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Description: Algorithm that performs feature selection. It finds relevant features by comparing original attributes' importance with importance achievable at random, estimated using their permuted copies (shadows).

Synonyms: Boruta algorithm, Boruta: Wrapper Algorithm for All Relevant Feature Selection

Resource Type: algorithm resource, software resource

Keywords: feature, selection, algorithm, wrapper, estimation, shadow, copy

Funding:

Availability: Free, Available to download

Resource Name: Boruta

Resource ID: SCR_016234

Alternate URLs: https://mbq.github.io/Boruta/

License: GPL-2, GPL-3

Record Creation Time: 20220129T080329+0000

Record Last Update: 20250526T053724+0000

Ratings and Alerts

No rating or validation information has been found for Boruta.

No alerts have been found for Boruta.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF.

Garcia Lopez A, et al. (2024) Risk assessment with gene expression markers in sepsis development. Cell reports. Medicine, 5(9), 101712.

Whyte BA, et al. (2023) The role of body size and cuticular hydrocarbons in the desiccation resistance of invasive Argentine ants (Linepithema humile). The Journal of experimental biology, 226(16).

Lötsch J, et al. (2021) Machine Learning Refutes Loss of Smell as a Risk Indicator of Diabetes Mellitus. Journal of clinical medicine, 10(21).

Yan Z, et al. (2020) Integrated metabolomics and gut microbiome to the effects and mechanisms of naoxintong capsule on type 2 diabetes in rats. Scientific reports, 10(1), 10829.

Lin J, et al. (2018) Prediction of neurologic deterioration based on support vector machine algorithms and serum osmolarity equations. Brain and behavior, 8(7), e01023.