

Resource Summary Report

Generated by SPARC SAWG on Aug 9, 2026

ReBATE

RRID:SCR_017139

Type: Tool

Proper Citation

ReBATE (RRID:SCR_017139)

Resource Information

URL: <https://github.com/EpistasisLab/ReBATE>

Proper Citation: ReBATE (RRID:SCR_017139)

Description: Open source software Python package to compare relief based feature selection algorithms used in data mining. Used for feature selection in any bioinformatics problem with potentially predictive features and target outcome variable, to detect feature interactions without examination of all feature combinations, to detect features involved in heterogeneous patterns of association such as genetic heterogeneity .

Synonyms: Relief Based Algorithm Training Environment

Resource Type: software resource, software toolkit

Defining Citation: [PMID:30030120](#)

Keywords: compare, relief, feature, algorithm, data, mining, variable, heterogeneous, pattern, genetic

Funding: NIAID AI116794;
NIDDK DK112217;
NIEHS ES013508;
NEI EY022300;
NHLBI HL134015;
NLM LM009012;
NLM LM010098;
NLM LM011360;
NCATS TR001263;
Warren Center for Network and Data Science

Availability: Free, Available for download, Freely available

Resource Name: ReBATE

Resource ID: SCR_017139

Alternate URLs: <https://epistasislab.github.io/ReBATE/>

License: MIT License

Record Creation Time: 20220129T080333+0000

Record Last Update: 20260808T190526+0000

Ratings and Alerts

No rating or validation information has been found for ReBATE.

No alerts have been found for ReBATE.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.