Resource Summary Report

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ridge regression Best Linear Unbiased Prediction

RRID:SCR_022519
Type: Tool

Proper Citation

ridge regression Best Linear Unbiased Prediction (RRID:SCR_022519)

Resource Information

URL: https://cran.r-project.org/web/packages/rrBLUP/

Proper Citation: ridge regression Best Linear Unbiased Prediction (RRID:SCR_022519)

Description: Software R package for mixed models with single variance component besides residual error, which allows for efficient prediction with unreplicated training data. Makes ridge regression and other kernel methods accessible to plant breeders interested in genomic selection.

Abbreviations: rrBLUP

Resource Type: software toolkit, software resource

Defining Citation: DOI:10.3835/plantgenome2011.08.0024

Keywords: genomic prediction, breeding values, ridge regression, best linear unbiased prediction, genotype space

Funding:

Availability: Free, Available for download, Freely available

Resource Name: ridge regression Best Linear Unbiased Prediction

Resource ID: SCR_022519

License: GPL v3

Record Creation Time: 20220628T050153+0000

Record Last Update: 20250331T061829+0000

Ratings and Alerts

No rating or validation information has been found for ridge regression Best Linear Unbiased Prediction.

No alerts have been found for ridge regression Best Linear Unbiased Prediction.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Farooq M, et al. (2022) Genomic prediction in plants: opportunities for ensemble machine learning based approaches. F1000Research, 11, 802.