Resource Summary Report

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Mixed effects association testing for single cells

RRID:SCR_025632
Type: Tool

Proper Citation

Mixed effects association testing for single cells (RRID:SCR_025632)

Resource Information

URL: https://github.com/immunogenomics/masc

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Description: Software tool for testing whether specified covariate influences membership of single cells in any of multiple cellular subsets while accounting for technical confounds and biological variation.

Abbreviations: MASC

Synonyms: , Mixed-effects modeling of Associations of Single Cells, Mixed-effects Association testing for Single Cells

Resource Type: source code, software resource

Defining Citation: PMID:30333237

Keywords: specified covariate, influences membership, single cells, multiple cellular subsets, accounting for technical confounds and biological variation,

Funding: NIAMSD UH2AR067677;
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Rheumatology Research Foundation Tobe and Stephen Malawista

Resource Name: Mixed effects association testing for single cells

Resource ID: SCR_025632

License: LGPL v3.0

Record Creation Time: 20240816T053258+0000

Record Last Update: 20260729T044625+0000

Ratings and Alerts

No rating or validation information has been found for Mixed effects association testing for single cells.

No alerts have been found for Mixed effects association testing for single cells.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at kravitz2 .

Bian L, et al. (2025) Single-cell eQTL mapping reveals cell-type-specific genes associated with the risk of gastric cancer. Cell genomics, 5(4), 100812.

Siu JHY, et al. (2025) Early lymph node T follicular helper cell signalling hub drives influenza vaccine response in an ancestrally diverse cohort. EBioMedicine, 122, 106036.