

Resource Summary Report

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Adaptive Shrinkage in R

RRID:SCR_023486

Type: Tool

Proper Citation

Adaptive Shrinkage in R (RRID:SCR_023486)

Resource Information

URL: <https://github.com/stephens999/ashr>

Proper Citation: Adaptive Shrinkage in R (RRID:SCR_023486)

Description: Software R package for adaptive shrinkage. Implements Empirical Bayes approach for large scale hypothesis testing and false discovery rate estimation.

Abbreviations: ashr

Resource Type: software resource, software toolkit

Defining Citation: [PMID:27756721](#)

Keywords: adaptive shrinkage, large scale hypothesis testing, false discovery rate estimation,

Funding: NHGRI HG02585;
Gordon and Betty Moore Foundation

Availability: Free, Available for download, Freely available

Resource Name: Adaptive Shrinkage in R

Resource ID: SCR_023486

License: GPL v3

Record Creation Time: 20230421T050214+0000

Record Last Update: 20260808T190531+0000

Ratings and Alerts

No rating or validation information has been found for Adaptive Shrinkage in R.

No alerts have been found for Adaptive Shrinkage in R.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

Listed below are recent publications. The full list is available at [nidm-terms](#) .

Liu A, et al. (2025) mfSuSiE enables multi-cell-type fine-mapping and multi-omic integration of chromatin accessibility QTLs in aging brain. bioRxiv : the preprint server for biology.

Wang H, et al. (2025) Phenotypic plasticity and increased infiltration of peripheral blood-derived TREM1+ mono-macrophages following radiotherapy in rectal cancer. Cell reports. Medicine, 6(1), 101887.

Doglioni G, et al. (2025) Aspartate signalling drives lung metastasis via alternative translation. Nature, 638(8049), 244.

Denault WRP, et al. (2025) fSuSiE enables fine-mapping of QTLs from genome-scale molecular profiles. bioRxiv : the preprint server for biology.

Tan J, et al. (2024) ApoE maintains neuronal integrity via microRNA and H3K27me3-mediated repression. iScience, 27(3), 109231.

Zhou Y, et al. (2024) Genetic regulation of self-organizing azimuthal canopy orientations and their impacts on light interception in maize. The Plant cell, 36(5), 1600.

Reay WR, et al. (2024) Genetic influences on circulating retinol and its relationship to human health. Nature communications, 15(1), 1490.

Jiang Y, et al. (2024) Nicotinamide metabolism face-off between macrophages and fibroblasts manipulates the microenvironment in gastric cancer. Cell metabolism, 36(8), 1806.

Zou Y, et al. (2023) Fast and flexible joint fine-mapping of multiple traits via the Sum of Single Effects model. bioRxiv : the preprint server for biology.

Martinez-Lozada Z, et al. (2023) Cooperative and competitive regulation of the astrocytic transcriptome by neurons and endothelial cells: Impact on astrocyte maturation. Journal of neurochemistry, 167(1), 52.