Resource Summary Report

Generated by NIF on May 16, 2025

Principal Components Analysis

RRID:SCR_014676

Type: Tool

Proper Citation

Principal Components Analysis (RRID:SCR_014676)

Resource Information

URL: http://stat.ethz.ch/R-manual/R-patched/library/stats/html/prcomp.html

Proper Citation: Principal Components Analysis (RRID:SCR_014676)

Description: R documentation for a function that performs a principal components analysis on a given data matrix and returns the results as an object of class prcomp.

Resource Type: software resource, data analysis software, software application, source code, data processing software

Keywords: statistical analysis, statistical analysis package, r, r package, principal component analysis, data matrix, prcomp, metabolomics

Funding:

Resource Name: Principal Components Analysis

Resource ID: SCR_014676

Record Creation Time: 20220129T080321+0000

Record Last Update: 20250516T054039+0000

Ratings and Alerts

No rating or validation information has been found for Principal Components Analysis.

No alerts have been found for Principal Components Analysis.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Vu LT, et al. (2024) Single-cell transcriptomics of the immune system in ME/CFS at baseline and following symptom provocation. Cell reports. Medicine, 5(1), 101373.

Kawai M, et al. (2024) Early detection of pancreatic cancer by comprehensive serum miRNA sequencing with automated machine learning. British journal of cancer, 131(7), 1158.

Short AK, et al. (2024) Individual longitudinal changes in DNA-methylome identify signatures of early-life adversity and correlate with later outcome. Neurobiology of stress, 31, 100652.

Oberstein PE, et al. (2024) Blockade of IL1? and PD1 with Combination Chemotherapy Reduces Systemic Myeloid Suppression in Metastatic Pancreatic Cancer with Heterogeneous Effects in the Tumor. Cancer immunology research, 12(9), 1221.

Preiner J, et al. (2024) Rhizobium symbiosis improves amino acid and secondary metabolite biosynthesis of tungsten-stressed soybean (Glycine max). Frontiers in plant science, 15, 1355136.

Ali LR, et al. (2023) PD-1 blockade induces reactivation of non-productive T cell responses characterized by NF-kB signaling in patients with pancreatic cancer. Clinical cancer research: an official journal of the American Association for Cancer Research.

Short AK, et al. (2023) Within-subject changes in methylome profile identify individual signatures of early-life adversity, with a potential to predict neuropsychiatric outcome. bioRxiv: the preprint server for biology.

Mzoughi S, et al. (2023) A Mutation-driven oncofetal regression fuels phenotypic plasticity in colorectal cancer. bioRxiv: the preprint server for biology.

Preiner J, et al. (2019) Molecular Mechanisms of Tungsten Toxicity Differ for Glycine max Depending on Nitrogen Regime. Frontiers in plant science, 10, 367.

Shrestha BR, et al. (2018) Sensory Neuron Diversity in the Inner Ear Is Shaped by Activity. Cell, 174(5), 1229.

Mor N, et al. (2018) Neutralizing Gatad2a-Chd4-Mbd3/NuRD Complex Facilitates Deterministic Induction of Naive Pluripotency. Cell stem cell, 23(3), 412.

Devault AM, et al. (2017) A molecular portrait of maternal sepsis from Byzantine Troy. eLife, 6.