

Resource Summary Report

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NMF Toolbox

RRID:SCR_017069

Type: Tool

Proper Citation

NMF Toolbox (RRID:SCR_017069)

Resource Information

URL: <https://github.com/colinvaz/nmf-toolbox>

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Description: Software toolbox for performing Non-negative Matrix Factorization (NMF) and several variants. Used to factorize one non negative matrix into two non negative factors, that is basis matrix and coefficient matrix. Applied in bioinformatics as data mining approach.

Synonyms: NMF MATLAB Toolbox, Non-negative Matrix Factorization toolbox, Non negative Matrix Factorization Toolbox, NMF Toolbox

Resource Type: data processing software, software application, software resource

Keywords: non negative, matrix, factorization, variant, coefficient, data, mining, bioinformatics

Availability: Free, Available for download, Freely available

Resource Name: NMF Toolbox

Resource ID: SCR_017069

Alternate URLs: <https://sites.google.com/site/nmftool/>,
<https://sail.usc.edu/~cvaz/nmftoolbox.html>

License: GPL v3.0

Record Creation Time: 20220129T080333+0000

Record Last Update: 20260905T133052+0000

Ratings and Alerts

No rating or validation information has been found for NMF Toolbox.

No alerts have been found for NMF Toolbox.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Hu G, et al. (2026) A review of decomposition methods for brain states estimation. Biomedical engineering online, 25(1).

Roeder L, et al. (2024) Dynamics of brain-muscle networks reveal effects of age and somatosensory function on gait. iScience, 27(3), 109162.

Mackevicius EL, et al. (2019) Unsupervised discovery of temporal sequences in high-dimensional datasets, with applications to neuroscience. eLife, 8.

Huang Y, et al. (2019) In Vitro and In Vivo Activities of Zinc Linolenate, a Selective Antibacterial Agent against Helicobacter pylori. Antimicrobial agents and chemotherapy, 63(6).