Resource Summary Report

Generated by <u>NIF</u> on May 25, 2025

<u>corrplot</u>

RRID:SCR_024683 Type: Tool

Proper Citation

corrplot (RRID:SCR_024683)

Resource Information

URL: https://CRAN.R-project.org/package=corrplot

Proper Citation: corrplot (RRID:SCR_024683)

Description: Software R package as visual exploratory tool on correlation matrix that supports automatic variable reordering to help detect hidden patterns among variables.Used for graphical display of correlation matrix, confidence interval. Contains some algorithms to do matrix reordering. Good at details, including choosing color, text labels, color labels, layout, etc.

Resource Type: software resource, software toolkit

Keywords: visual exploratory tool, correlation matrix, automatic variable reordering, detect hidden patterns among variables,

Funding:

Availability: Free, Available for download, Freely available

Resource Name: corrplot

Resource ID: SCR_024683

Alternate URLs: https://cran.r-project.org/web/packages/corrplot/vignettes/corrplotintro.html, https://github.com/taiyun/corrplot

License: MIT

Record Creation Time: 20231110T050307+0000

Ratings and Alerts

No rating or validation information has been found for corrplot.

No alerts have been found for corrplot.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Qiu C, et al. (2024) Developing and comparing deep learning and machine learning algorithms for osteoporosis risk prediction. Frontiers in artificial intelligence, 7, 1355287.

Du R, et al. (2024) Developing a novel immune infiltration-associated mitophagy prediction model for amyotrophic lateral sclerosis using bioinformatics strategies. Frontiers in immunology, 15, 1360527.

Al-Kilani MA, et al. (2024) Evaluation of genetic diversity among olive trees (Olea europaea L.) from Jordan. Frontiers in plant science, 15, 1437055.

Shen Y, et al. (2024) Genomic insights into endangerment and conservation of the garlic-fruit tree (Malania oleifera), a plant species with extremely small populations. GigaScience, 13.

Shamim U, et al. (2024) Functional metagenomics highlights varied infection states with dynamics of pathogens and antibiotic resistance in lower respiratory tract infections. Heliyon, 10(19), e38380.

Zhang Z, et al. (2024) Temporal and spatial characteristics of ecological drought in the Inland River Basin and its driving factors. Scientific reports, 14(1), 28900.

Saulters EL, et al. (2024) Differential Regulation of the STING Pathway in Human Papillomavirus-Positive and -Negative Head and Neck Cancers. Cancer research communications, 4(1), 118.

Low EL, et al. (2024) Chromosome-scale Elaeis guineensis and E. oleifera assemblies: comparative genomics of oil palm and other Arecaceae. G3 (Bethesda, Md.), 14(9).

Chang Y, et al. (2024) Metabolic Characteristics and Discriminative Diagnosis of Growth Hormone Deficiency and Idiopathic Short Stature in Preadolescents and Adolescents. Molecules (Basel, Switzerland), 29(7).