

Resource Summary Report

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corrplot

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 toolkit, software resource

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

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/corrplot-intro.html>, <https://github.com/taiyun/corrplot>

License: MIT

Record Creation Time: 20231110T050307+0000

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Ratings and Alerts

No rating or validation information has been found for corrplot.

No alerts have been found for corrpilot.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 17 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Meghdadi B, et al. (2026) Digital twins for in vivo metabolic flux estimations in patients with brain cancer. *Cell metabolism*, 38(1), 228.

Crossa J, et al. (2025) Evaluating the effectiveness of selection indices and their genomic prediction using environmental and historical rice data. *G3 (Bethesda, Md.)*, 15(6).

Tamura A, et al. (2025) p53-inducible lncRNA LOC644656 causes genotoxic stress-induced stem cell maldifferentiation and cancer chemoresistance. *Nature communications*, 16(1), 4818.

Lall D, et al. (2025) An organ-chip model of sporadic ALS using iPSC-derived spinal cord motor neurons and an integrated blood-brain-like barrier. *Cell stem cell*, 32(7), 1139.

Paloviita P, et al. (2025) Integrated transcriptomic analysis reveals metabolic remodeling and gene expression networks related to human 8-cell-stage embryo-like cells. *Cell reports*, 45(1), 116748.

Miller A, et al. (2025) NGN3 oscillatory expression controls the timing of human pancreatic endocrine differentiation. *Developmental cell*.

Papadopoulos AO, et al. (2025) Spatial regulation of CD8⁺ T cells at the HLA-E-NKG2A axis drives HIV persistence in lymph node B cell follicles. *Cell reports*, 44(9), 116181.

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.

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

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.

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).

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).

Giacco F, et al. (2010) Oxidative stress and diabetic complications. *Circulation research*, 107(9), 1058.