Resource Summary Report

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MAOS

RRID:SCR_013351
Type: Tool

Proper Citation

MAOS (RRID:SCR_013351)

Resource Information

URL: http://www.bios.unc.edu/~lin/software/MAOS/

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Description: Software application that implements valid and efficient statistical methods for meta-analysis of genomewide association studies with overlapping subjects. The current release performs logistic regression analysis of individual level data under the additive mode of inheritance. Data from genome-wide association studies are often analyzed jointly for the purposes of combining information from multiple studies of the same disease or comparing results across different disorders. In many instances, the same subjects appear in multiple studies. Failure to account for overlapping subjects can greatly inflate type I error when combining results from multiple studies of the same disease and can drastically reduce power when comparing results across different disorders. (entry from Genetic Analysis Software)

Synonyms: Meta-Analysis with Overlapping Subjects

Resource Type: software resource, software application

Keywords: gene, genetic, genomic, c++

Funding:

Resource Name: MAOS

Resource ID: SCR_013351

Alternate IDs: nlx_154452

Record Creation Time: 20220129T080315+0000

Record Last Update: 20250416T063640+0000

Ratings and Alerts

No rating or validation information has been found for MAOS.

No alerts have been found for MAOS.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 20 mentions in open access literature.

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

Zheng Y, et al. (2024) The value of assessing deep disease healing by probe-based confocal laser endomicroscopy and histology for long-term prognosis of ulcerative colitis. Journal of gastroenterology and hepatology, 39(12), 2767.

Kyanko K, et al. (2024) Incorporating Medicare Advantage Admissions Into the CMS Hospital-Wide Readmission Measure. JAMA network open, 7(6), e2414431.

Zhou X, et al. (2024) An integrated framework for prognosis prediction and drug response modeling in colorectal liver metastasis drug discovery. Journal of translational medicine, 22(1), 321.

Gao T, et al. (2024) Alginate oligosaccharide-mediated butyrate-HIF-1? axis improves skin aging in mice. Journal of pharmaceutical analysis, 14(5), 100911.

Cao Z, et al. (2023) Discovery of novel 2-(4-(benzyloxy)-5-(hydroxyl) phenyl) benzothiazole derivatives as multifunctional MAO-B inhibitors for the treatment of Parkinson's disease. Journal of enzyme inhibition and medicinal chemistry, 38(1), 2159957.

Nordio G, et al. (2023) From Monoamine Oxidase Inhibition to Antiproliferative Activity: New Biological Perspectives for Polyamine Analogs. Molecules (Basel, Switzerland), 28(17).

Chalermwongkul C, et al. (2023) Antidepressant-like Effect of Oroxylum indicum Seed Extract in Mice Model of Unpredictable Chronic Mild Stress. Nutrients, 15(22).

Titov AA, et al. (2022) Synthesis of Isomeric 3-Benzazecines Decorated with Endocyclic Allene Moiety and Exocyclic Conjugated Double Bond and Evaluation of Their

Anticholinesterase Activity. Molecules (Basel, Switzerland), 27(19).

Oh JM, et al. (2021) Chromenone Derivatives as Monoamine Oxidase Inhibitors from Marine-Derived MAR4 Clade Streptomyces sp. CNQ-031. Journal of microbiology and biotechnology, 31(7), 1022.

Collins S, et al. (2021) Are Methylaluminoxane Activators Sheets? Chemphyschem : a European journal of chemical physics and physical chemistry, 22(13), 1326.

Baek SH, et al. (2020) Three-Dimensional Paper-Based Microfluidic Analysis Device for Simultaneous Detection of Multiple Biomarkers with a Smartphone. Biosensors, 10(11).

Shiga H, et al. (2020) Serum C-reactive protein and albumin are useful biomarkers for tight control management of Crohn's disease in Japan. Scientific reports, 10(1), 511.

Li J, et al. (2020) Toward "On-Demand" Materials Synthesis and Scientific Discovery through Intelligent Robots. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 7(7), 1901957.

Guieu B, et al. (2020) First Synthesis of Racemic Trans Propargylamino-Donepezil, a Pleiotrope Agent Able to Both Inhibit AChE and MAO-B, with Potential Interest against Alzheimer's Disease. Molecules (Basel, Switzerland), 26(1).

Rullo M, et al. (2019) Chasing ChEs-MAO B Multi-Targeting 4-Aminomethyl-7-Benzyloxy-2H-Chromen-2-ones. Molecules (Basel, Switzerland), 24(24).

Vincek AS, et al. (2018) Inhibitor of CBP Histone Acetyltransferase Downregulates p53 Activation and Facilitates Methylation at Lysine 27 on Histone H3. Molecules (Basel, Switzerland), 23(8).

Lyu W, et al. (2017) The Onset of ADL Difficulties and Changes in Health-Related Quality of Life. Health and quality of life outcomes, 15(1), 217.

Chaurasiya ND, et al. (2017) Interactions of Desmethoxyyangonin, a Secondary Metabolite from Renealmia alpinia, with Human Monoamine Oxidase-A and Oxidase-B. Evidence-based complementary and alternative medicine : eCAM, 2017, 4018724.

Lin DY, et al. (2009) Meta-analysis of genome-wide association studies with overlapping subjects. American journal of human genetics, 85(6), 862.

Prokai-Tatrai K, et al. (2008) Mechanistic investigations on the antioxidant action of a neuroprotective estrogen derivative. Steroids, 73(3), 280.