Resource Summary Report

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LDSC

RRID:SCR_022801
Type: Tool

Proper Citation

LDSC (RRID:SCR_022801)

Resource Information

URL: https://github.com/bulik/ldsc/wiki

Proper Citation: LDSC (RRID:SCR_022801)

Description: Command line tool for estimating heritability and genetic correlation from GWAS summary statistics. ldsc also computes LD Scores.

Resource Type: software resource

Keywords: estimating heritability, genetic correlation, GWAS summary statistics

Availability: Free,Available for download, Freely available

Resource Name: LDSC

Resource ID: SCR_022801

Alternate URLs: https://github.com/bulik/ldsc

License: GNU GPL v3.0

Record Creation Time: 20220929T050157+0000

Record Last Update: 20260725T191025+0000

Ratings and Alerts

No rating or validation information has been found for LDSC.

No alerts have been found for LDSC.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 305 mentions in open access literature.

Listed below are recent publications. The full list is available at kravitz2 .

Loya H, et al. (2025) A scalable variational inference approach for increased mixed-model association power. Nature genetics, 57(2), 461.

Yin K, et al. (2025) Causal role of plasma liposome in diabetic retinopathy: mendelian randomization (MR) study. Diabetology & metabolic syndrome, 17(1), 47.

Rosa-Baez C, et al. (2025) Cross-trait GWAS in COVID-19 and systemic sclerosis reveals novel genes implicated in fibrotic and inflammation pathways. Rheumatology (Oxford, England), 64(6), 4022.

Deng MG, et al. (2025) Shared genetic architecture and causal relationship between frailty and schizophrenia. Schizophrenia (Heidelberg, Germany), 11(1), 24.

Pasanen A, et al. (2025) Genetic Susceptibility to Acute Viral Bronchiolitis. The Journal of infectious diseases, 232(2), e193.

Fanelli G, et al. (2025) Local patterns of genetic sharing between neuropsychiatric and insulin resistance-related conditions. Translational psychiatry, 15(1), 145.

Shu J, et al. (2025) Contextualizing molecular and structural aging across human organs. medRxiv : the preprint server for health sciences.

M??rseburg A, et al. (2025) Genetic determinants of proteomic aging. npj aging, 11(1), 30.

Wu Y, et al. (2025) Exploring the genetic basis between inflammatory bowel disease and venous thromboembolism. Thrombosis journal, 23(1), 56.

, et al. (2025) Multi-organ MRI digitizes biological aging clocks across proteomics, metabolomics, and genetics. medRxiv : the preprint server for health sciences.

Liu H, et al. (2025) Identification of genetic architecture shared between schizophrenia and Alzheimer's disease. Translational psychiatry, 15(1), 150.

Zhang W, et al. (2025) Genomic correlation, shared loci, and causal link between obesity and diabetic microvascular complications: A genome-wide pleiotropic analysis. Biomolecules & biomedicine, 25(10), 2197.

Jiang Z, et al. (2025) The X chromosome's influences on the human brain. Science advances, 11(4), eadq5360.

Sosero YL, et al. (2025) Genome-wide association study of REM sleep behavior disorder in Parkinson's disease. NPJ Parkinson's disease, 11(1), 272.

He W, et al. (2025) Large-scale GWAS of strabismus identifies risk loci and provides support for a link with maternal smoking. Nature communications, 16(1), 7890.

Bi J, et al. (2025) Bidirectional causal association and shared anti-inflammatory target of asthma and atopic dermatitis: a Mendelian randomization and colocalisation study. BMC pulmonary medicine, 26(1), 5.

Shen J, et al. (2025) Spatiotemporal dynamics of RERE in schizophrenia pathogenesis: insights from multi-omics and single-cell sequencing. Schizophrenia (Heidelberg, Germany), 11(1), 155.

Guan PL, et al. (2025) Genetically informed causal links between gut microbiota and bone mass: pleiotropy and metabolic mediation. Nature communications, 16(1), 11711.

Xu C, et al. (2025) Statistical construction of calibrated prediction intervals for polygenic score-based phenotype prediction. Nature genetics, 57(11), 2891.

Bright U, et al. (2025) Multi-ancestry investigation of the genomics of erectile dysfunction. Nature communications, 16(1), 11602.