

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>

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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

Usage and Citation Metrics

We found 305 mentions in open access literature.

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

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

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

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

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

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

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.

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.

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

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

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.

Lee CH, et al. (2025) Liability threshold model-based disease risk prediction based on electronic health record phenotypes. Nature genetics, 57(11), 2872.

Ye C, et al. (2025) Multivariate genome-wide analyses of insulin resistance unravel novel loci and therapeutic targets for cardiometabolic health. Nature communications, 16(1), 10057.

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

Lin F, et al. (2025) Revealing the genetic and immunological crosstalk between SLE and ccRCC: An integrative genomic analysis approach. *Medicine*, 104(46), e45953.

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.

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

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