

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: 20260808T190237+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 467 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#) .

Khan Y, et al. (2026) Transdiagnostic and Disorder-Level Genome-Wide Association Studies Enhance Precision of Substance Use and Psychiatric Genetic Risk Profiles in African and European Ancestries. *Biological psychiatry*, 99(1), 68.

Wang X, et al. (2026) The causal interplay between depression and alcohol use from adolescence to young adulthood: a Mendelian randomization study. *Psychological medicine*, 56, e28.

Xiao L, et al. (2026) Shared genetic architecture of obesity and gastroesophageal reflux disease. *Medicine*, 105(6), e47404.

Guo L, et al. (2026) Dissecting the shared genetic landscape of schizophrenia and hippocampal subfields: A genome-wide cross-trait analysis. *Translational psychiatry*, 16(1).

Wang J, et al. (2026) Multi-organ network of cardiometabolic disease-depression multimorbidity revealed by phenotypic and genetic analyses of MR images. *Nature communications*, 17(1), 1333.

Meng J, et al. (2026) Single-cell spatial map of cis-regulatory elements for disease-related genes in the macaque cortex. *Nature communications*, 17(1).

Lin YJ, et al. (2026) Unraveling the genetic links between stature and disease in East Asians: A multi-biobank genetic correlation and risk prediction study. *PLoS genetics*, 22(3), e1012030.

Yoshino S, et al. (2026) Genetic study identifies novel genes in developmental dysplasia of the hip. *Bone research*, 14(1).

Vrathasha V, et al. (2026) Variant-to-gene mapping identifies ARHGEF12 as a primary open-angle glaucoma effector gene operating within retinal ganglion cells. *bioRxiv* : the preprint server for biology.

Zhu Z, et al. (2026) Genome-Wide Cross-Trait Analysis Dissects the Shared Genetic Architecture Between Type 2 Diabetes Mellitus and Metabolic Dysfunction-Associated Steatotic Liver Disease. *Human mutation*, 2026, 9992644.

R??devand L, et al. (2026) Evidence for overlapping genetic architecture between lifestyle factors and severe mental disorders with different patterns across diagnoses. *EBioMedicine*, 128, 106304.

Okamura S, et al. (2026) Genetic Variants Associated With Nonpulmonary Vein Triggers of Atrial Fibrillation: A Genome-Wide Association Study. *JACC. Advances*, 5(6 Pt 2),

102839.

, et al. (2026) Brain-heart-eye axis revealed by multi-organ imaging genetics and proteomics. *Nature biomedical engineering*, 10(6), 1171.

, et al. (2026) MRI-based multi-organ clocks for healthy aging and disease assessment. *Nature medicine*, 32(1), 82.

Thorpe HHA, et al. (2026) Genome-wide association study of delay discounting identifies 11 loci and reveals transdiagnostic associations across mental and physical health. *Molecular psychiatry*, 31(4), 2081.

Chen L, et al. (2026) Construction of a Multitissue Cell Atlas Reveals Cell-Type-Specific Regulation of Molecular and Complex Phenotypes in Pigs. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 13(8), e04961.

He J, et al. (2026) UK BioCoin: swift trait-specific summary statistics regression for UK Biobank. *Nature communications*, 17(1).

Zhao G, et al. (2026) Associations between socioeconomic factors and mental symptoms highlight whole-body correlates and pathways. *iScience*, 29(5), 115599.

Zhu H, et al. (2026) Genetic architectures of brain-related traits are shaped by strong selective constraints. *bioRxiv : the preprint server for biology*.

Li S, et al. (2026) Genetic Association Between Sex Hormones, Serum Urate, and Gout: A Comprehensive Mendelian Randomization Study. *International journal of endocrinology*, 2026, 8839727.