

Resource Summary Report

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IMPUTE

RRID:SCR_009245

Type: Tool

Proper Citation

IMPUTE (RRID:SCR_009245)

Resource Information

URL: <https://mathgen.stats.ox.ac.uk/impute/impute.html>

Proper Citation: IMPUTE (RRID:SCR_009245)

Description: Software application for estimating (imputing) unobserved genotypes in SNP association studies. The program is designed to work seamlessly with the output of the genotype calling program CHIAMO and the population genetic simulator HAPGEN, and it produces output that can be analyzed using the program SNPTEST. (entry from Genetic Analysis Software)

Abbreviations: IMPUTE

Resource Type: software application, software resource

Keywords: gene, genetic, genomic

Resource Name: IMPUTE

Resource ID: SCR_009245

Alternate IDs: nlx_154411

Record Creation Time: 20220129T080251+0000

Record Last Update: 20260805T044220+0000

Ratings and Alerts

No rating or validation information has been found for IMPUTE.

No alerts have been found for IMPUTE.

Data and Source Information

Usage and Citation Metrics

We found 639 mentions in open access literature.

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

Xie T, et al. (2026) Region-Resolved Integrative Multi-Omic Characterization Reveals Diverse Tumor and Microenvironment Features of Pituitary Neuroendocrine Tumors. *Molecular & cellular proteomics : MCP*, 25(6), 101583.

Chang X, et al. (2026) Genome-wide association study reveals a novel tuberculosis susceptibility locus in multiple East Asian and European populations. *Genome medicine*, 18(1).

Yu H, et al. (2026) Coupling and Uncoupling Pleiotropy Between Hypertension and Type 2 Diabetes Contribute to Exploring Potential Heterogeneity in Cardiovascular Risk in East Asian Population. *Biomedicines*, 14(6).

Li SX, et al. (2026) Interactions between genetic predisposition to obesity, insulin resistance and type 2 diabetes risk, and food or beverage intake for incident type 2 diabetes: European Prospective Investigation into Cancer and Nutrition (EPIC) InterAct case-cohort study. *The American journal of clinical nutrition*, 123(3), 101198.

Kafyra M, et al. (2026) Assessing Genetic Risk for Physical Activity and Its Interaction with Diet in Predicting Activity Levels and Weight Loss in the iMPROVE Study. *Genes*, 17(2).

Zhu Y, et al. (2026) Lipid-lowering and glucose-lowering drug targets differentially modulate antipsychotic treatment efficacy in schizophrenia. *Cell reports. Medicine*, 7(3), 102653.

Jang MJ, et al. (2026) Interaction between a refined carbohydrate dietary pattern and genetic risk score for obesity in the Korean population. *Public health nutrition*, 29(1), e60.

Xue D, et al. (2026) Polygenic Risk Scores for Incident Dementia in the Multi-Ethnic Study of Atherosclerosis. *Genetic epidemiology*, 50(5), e70046.

Fu J, et al. (2026) Genome-wide association studies of brain diffusion kurtosis imaging phenotypes. *EBioMedicine*, 127, 106261.

Fang X, et al. (2026) The AGPS regulatory variant rs113671272 confers esophageal squamous cell carcinoma susceptibility through allele-specific MEIS3 binding and NF- κ B activation in Chinese populations. *EBioMedicine*, 127, 106249.

Landstra EN, et al. (2026) Population-based genome-wide association study of plasma complex lipid species. *Nature communications*, 17(1).

Xiong Z, et al. (2025) Combined genome-wide association study of facial traits in Europeans increases explained variance and improves prediction. *Nature communications*, 16(1), 6562.

Hoppe R, et al. (2025) Lessons learned from a candidate gene study investigating aromatase inhibitor treatment outcome in breast cancer. *NPJ breast cancer*, 11(1), 18.

Chami N, et al. (2025) Genetic subtyping of obesity reveals biological insights into the uncoupling of adiposity from its cardiometabolic comorbidities. *medRxiv : the preprint server for health sciences*.

Shealy EP, et al. (2025) DNA methylation-based age prediction and sex-specific epigenetic aging in a lizard with female-biased longevity. *Science advances*, 11(5), eadq3589.

Jung HU, et al. (2025) Assessment of polygenic risk score performance in East Asian populations for ten common diseases. *Communications biology*, 8(1), 374.

Chami N, et al. (2025) Genetic subtyping of obesity reveals biological insights into the uncoupling of adiposity from its cardiometabolic comorbidities. *Nature medicine*, 31(11), 3801.

Lidani KCF, et al. (2025) Impact of AGT rs5050(T>G) variants on associations between estradiol and angiotensinogen levels: Multi-Ethnic Study of Atherosclerosis (MESA). *PloS one*, 20(12), e0339786.

Power GM, et al. (2025) The role of body image dissatisfaction in the relationship between body size and disordered eating and self-harm: complimentary Mendelian randomization and mediation analyses. *Molecular psychiatry*, 30(2), 521.

Park JM, et al. (2025) Nicotine Metabolism-Related Genetic Polymorphisms Associated with Smoking Cessation in Korean Men: A Candidate Gene Association Study in a Korean Cohort. *Lifestyle genomics*, 18(1), 20.