

Resource Summary Report

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Michigan Imputation Server

RRID:SCR_023554

Type: Tool

Proper Citation

Michigan Imputation Server (RRID:SCR_023554)

Resource Information

URL: <https://imputationserver.sph.umich.edu/index.html#!pages/home>

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Description: Web based service for imputation that facilitates access to new reference panels and improves user experience and productivity. Server implements whole genotype imputation workflow using MapReduce programming model for efficient parallelization of computationally intensive tasks. Genotype imputation service using Minimac4.

Resource Type: data access protocol, software resource, web service

Defining Citation: [PMID:27571263](#)

Keywords: Genotype imputation, whole genotype imputation workflow, parallelization of computationally intensive tasks,

Funding: NHGRI HG007022;
NHLBI HL117626;
NHGRI HG000376;
NIDA R01DA037904;
Austrian Science Fund ;
European Community Seventh Framework Programme ;
NIA

Availability: Free, Freely available

Resource Name: Michigan Imputation Server

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Alternate URLs: <https://github.com/genepi/imputationserver>

Record Creation Time: 20230510T050220+0000

Ratings and Alerts

No rating or validation information has been found for Michigan Imputation Server.

No alerts have been found for Michigan Imputation Server.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Kan M, et al. (2025) Genome-wide association study of the taste and hedonic ratings of the low-calorie sweetener acesulfame potassium. Scientific reports, 15(1), 22121.

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.

Patel W, et al. (2024) Role of Transporters and Enzymes in Metabolism and Distribution of 4-Chlorokynurenine (AV-101). Molecular pharmaceutics, 21(2), 550.

Forer L, et al. (2024) Imputation Server PGS: an automated approach to calculate polygenic risk scores on imputation servers. Nucleic acids research, 52(W1), W70.

Huang X, et al. (2024) Evaluation of multiple breast cancer polygenic risk score panels in women of Latin American heritage. Cancer epidemiology, biomarkers & prevention : a publication of the American Association for Cancer Research, cosponsored by the American Society of Preventive Oncology.

Coffman C, et al. (2024) Heritability estimation of subcortical volumes in a multi-ethnic multi-site cohort study. bioRxiv : the preprint server for biology.

Mennella JA, et al. (2023) Genetic Variation and Sensory Perception of a Pediatric Formulation of Ibuprofen: Can a Medicine Taste Too Good for Some? International journal of molecular sciences, 24(17).

Sosero YL, et al. (2023) Dopamine pathway and Parkinson's risk variants are associated with levodopa-induced dyskinesia. medRxiv : the preprint server for health sciences.