

Resource Summary Report

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POPGEN

RRID:SCR_007315

Type: Tool

Proper Citation

POPGEN (RRID:SCR_007315)

Resource Information

URL: <http://www.stats.ox.ac.uk/%7Emarchini/software.html>

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Description: An R package that specifically focuses on statistical and population genetics methods. The motivation behind the package is to produce an easy to use interface to many of the commonly used methods and models used in statistical and population genetics and an alternative interface for some of the methodology produced by our group. (entry from Genetic Analysis Software)

Synonyms: R/POPGEN

Resource Type: software application, software resource

Keywords: gene, genetic, genomic, r

Resource Name: POPGEN

Resource ID: SCR_007315

Alternate IDs: nlx_154543, SCR_009374, nlx_154596

Old URLs: <http://mathgen.stats.ox.ac.uk/software.html>, <https://cran.r-project.org/web/packages/popgen/index.html>

Record Creation Time: 20220129T080241+0000

Record Last Update: 20260905T133238+0000

Ratings and Alerts

No rating or validation information has been found for POPGEN.

No alerts have been found for POPGEN.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 205 mentions in open access literature.

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

Niederschweiberer M, et al. (2026) HLA Associations Differ by Ethnicity and Aquaporin-4 Antibody Status in Patients With Neuromyelitis Optica Spectrum Disorders. *Neurology(R) neuroimmunology & neuroinflammation*, 13(3), e200562.

Kurt D, et al. (2026) The contributions of genetic diversity to the performance of sun-cured tobacco. *BMC plant biology*, 26(1).

Soh CL, et al. (2026) Genome-wide association studies in chronic venous disease: A systematic review. *Journal of vascular surgery. Venous and lymphatic disorders*, 14(2), 102365.

Small AM, et al. (2026) Genomic and transcriptomic analyses of aortic stenosis enhance therapeutic target discovery and disease prediction. *Nature genetics*, 58(1), 57.

Meheret F, et al. (2026) Genetic diversity and population structure in Ethiopian *Urochloa brizantha* genotypes uncovered using inter simple sequence repeat (ISSR) markers. *PloS one*, 21(1), e0340368.

Wang Y, et al. (2026) Model-Based Alternative Dosing Strategies for Subcutaneous Nivolumab to Improve Cost Effectiveness. *Clinical pharmacokinetics*, 65(4), 621.

Yang L, et al. (2025) Whole genome resequencing reveals genetic markers for plumage colour in Jingyuan Chicken. *Poultry science*, 104(11), 105666.

Wolthuis DFGJ, et al. (2025) Model-informed repurposing of eliglustat for treatment and prophylaxis of Shiga toxin-producing *Escherichia coli* hemolytic-uremic syndrome (STEC-HUS) in children. *Pediatric nephrology (Berlin, Germany)*, 40(6), 2009.

Kadibalban AS, et al. (2025) Metabolic modelling reveals increased autonomy and antagonism in type 2 diabetic gut microbiota. *Molecular systems biology*, 21(6), 720.

Zhang Y, et al. (2025) Genetic Differentiation of Chinese Fir Populations From Mainland China and Taiwan as Revealed by Genotyping-By-Sequencing Analysis, With Implication for Taxonomic Position of the Species. *Ecology and evolution*, 15(4), e71270.

Shen Z, et al. (2025) Assessment of Germplasm Improvement in Three Farmed Grass Carp Populations Based on Genetic Variability. *Biology*, 14(3).

Yin Y, et al. (2025) A Mendelian randomization analysis reveals the role of the skin microbiota in systemic lupus erythematosus. *Clinical rheumatology*, 44(8), 3191.

He Y, et al. (2025) Mendelian randomization study reveals causal association between skin microbiome and skin cancers. *Scientific reports*, 15(1), 21590.

Huang Y, et al. (2025) Skin Microbiota and Pathological Scars: A Bidirectional Two-Sample Mendelian Randomization Study. *Journal of cosmetic dermatology*, 24(2), e16720.

Rao JH, et al. (2025) Plasma proteins mediate the effects of the gut microbiota on the development of head and neck cancer: a two-sample and mediated Mendelian randomized study. *Discover oncology*, 16(1), 202.

Guo S, et al. (2025) Causal relationship between skin microbiota and Hidradenitis suppurativa: a two-sample Mendelian randomization study. *Archives of dermatological research*, 317(1), 238.

Zhang Y, et al. (2025) Inflammation biomarkers mediate causal inference of the effect of skin microbiota on the risk of allergic diseases. *AMB Express*, 15(1), 116.

Bell W, et al. (2025) The gut microbiome mediates the association between a flavonoid-rich diet and MASLD in a population-level analysis. *European journal of nutrition*, 65(1), 1.

Zhang Z, et al. (2025) Unveiling the interplay among skin microbiota, cytokines, and T2DM: an insightful Mendelian randomization study. *Nutrition & metabolism*, 22(1), 29.

Op 't Hoog CJ, et al. (2025) Model-informed development of a cost-saving dosing regimen for enfortumab vedotin. *Cancer chemotherapy and pharmacology*, 95(1), 36.