Resource Summary Report

Generated by <u>dkNET</u> on Apr 20, 2025

AMELIA

RRID:SCR_009119 Type: Tool

Proper Citation

AMELIA (RRID:SCR_009119)

Resource Information

URL: http://www.sanger.ac.uk/resources/software/amelia/

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Description: Software application that employs allele matching to analyse the effects of rare variants within a specific locus. There is increasing evidence that rare variants play a role in some complex traits, but their analysis is not straightforward. Locus-based tests become necessary due to low power in rare variant single-point association analyses. In addition, variant quality scores are available for sequencing data, but are rarely taken into account. To enable this analysis, AMELIA has been developed as an allele-matching approach that is robust to the presence of both directions of effect for variants within the locus analysed. (entry from Genetic Analysis Software)

Abbreviations: AMELIA

Synonyms: Allele Matching Empirical Locus-specific Integrated Association test

Resource Type: software application, software resource

Keywords: gene, genetic, genomic, r, unix, linux

Funding:

Resource Name: AMELIA

Resource ID: SCR_009119

Alternate IDs: nlx_154222

Record Creation Time: 20220129T080251+0000

Record Last Update: 20250420T015744+0000

Ratings and Alerts

No rating or validation information has been found for AMELIA.

No alerts have been found for AMELIA.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 113 mentions in open access literature.

Listed below are recent publications. The full list is available at <u>dkNET</u>.

Essers E, et al. (2025) Temperature Exposure and Psychiatric Symptoms in Adolescents From 2 European Birth Cohorts. JAMA network open, 8(1), e2456898.

Rosen AL, et al. (2024) Secretory leukocyte protease inhibitor protects against severe urinary tract infection in mice. mBio, 15(2), e0255423.

Sylvester JM, et al. (2024) Analysis of food system drivers of deforestation highlights foreign direct investments and urbanization as threats to tropical forests. Scientific reports, 14(1), 15179.

Garnett C, et al. (2024) Do engagement and behavioural mechanisms underpin the effectiveness of the Drink Less app? NPJ digital medicine, 7(1), 174.

Pérez Rivera CJ, et al. (2024) Colombian surgical outcomes study insights on perioperative mortality rate, a main indicator of the lancet commission on global surgery - a prospective cohort study. Lancet regional health. Americas, 38, 100862.

Mellor J, et al. (2024) Estimating risk of consequences following hypoglycaemia exposure using the Hypo-RESOLVE cohort: a secondary analysis of pooled data from insulin clinical trials. Diabetologia, 67(10), 2210.

Gómez E, et al. (2024) Application of Biostimulant in Seeds and Soil on Three Chickpea Varieties: Impacts on Germination, Vegetative Development, and Bacterial Facilitation of Nitrogen and Phosphorus. Life (Basel, Switzerland), 14(1).

Pelissari DM, et al. (2024) Time until tuberculosis recurrence and associated factors in

Brazil: a populationbased retrospective cohort study using a linked database. Revista brasileira de epidemiologia = Brazilian journal of epidemiology, 27, e240016.

Mellor J, et al. (2024) Risk factors and prediction of hypoglycaemia using the Hypo-RESOLVE cohort: a secondary analysis of pooled data from insulin clinical trials. Diabetologia, 67(8), 1588.

Niknam M, et al. (2024) Health-related quality of life in adults with metabolic syndrome: a multi-level analysis of family and individual level variation. BMJ open, 14(11), e087870.

Reynolds H, et al. (2024) Bystander Intervention in Coercive Control: Do Ethnic Identity and Acceptance of Coercive Control Influence Willingness to Intervene? Journal of interpersonal violence, 39(5-6), 1082.

Mousavian AH, et al. (2024) The 15-year national trends of urinary cancers incidence among Iranian men and women; 2005-2020. International journal for equity in health, 23(1), 13.

Zhang B, et al. (2024) Effectiveness of metformin pretreatment for stroke severity: A propensity score matching study. CNS neuroscience & therapeutics, 30(8), e70004.

Gillett AC, et al. (2024) The impact of major depressive disorder on glycaemic control in type 2 diabetes: a longitudinal cohort study using UK Biobank primary care records. BMC medicine, 22(1), 211.

Kast S, et al. (2024) Effectiveness of whole-body electromyostimulation on knee pain and physical function in knee osteoarthritis: a randomized controlled trial. Scientific reports, 14(1), 20804.

Rahi S, et al. (2024) Breaking into the black box of customer perception towards robot service: Empirical evidence from service sector. Heliyon, 10(19), e38117.

Kang J, et al. (2024) Investigating the Relationship between Oral Health and Severe Mental Illness: Analysis of NHANES 1999-2016. Dentistry journal, 12(7).

Shokri Varniab Z, et al. (2024) The levels and trends of cancer incidence in the elderly population at national and sub-national scales in Iran from 1990 to 2016. Cancer reports (Hoboken, N.J.), 7(1), e1937.

Lewnard JA, et al. (2024) Immune escape and attenuated severity associated with the SARS-CoV-2 BA.2.86/JN.1 lineage. Nature communications, 15(1), 8550.

Ahern MM, et al. (2024) Fat burning capacity in a mixed macronutrient meal protocol does not reflect metabolic flexibility in women who are overweight or obese. medRxiv : the preprint server for health sciences.