

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on Apr 20, 2025

SWAN

RRID:SCR_003455

Type: Tool

Proper Citation

SWAN (RRID:SCR_003455)

Resource Information

URL: <http://www.bioconductor.org/packages/2.12/bioc/html/minfi.html>

Proper Citation: SWAN (RRID:SCR_003455)

Description: Software that improves the results from the Illumina Infinium HumanMethylation450 BeadChips by reducing technical variation within and between arrays. SWAN is available in the minfi Bioconductor package.

Abbreviations: SWAN

Synonyms: Subset-quantile Within Array Normalization

Resource Type: software resource

Defining Citation: [PMID:22703947](#)

Keywords: dna methylation, microarray

Funding:

Availability: Artistic License, v2

Resource Name: SWAN

Resource ID: SCR_003455

Alternate IDs: OMICS_02303

Record Creation Time: 20220129T080219+0000

Record Last Update: 20250420T014143+0000

Ratings and Alerts

No rating or validation information has been found for SWAN.

No alerts have been found for SWAN.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 178 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Ma Y, et al. (2024) Effects of right ventricular remodeling in chronic thromboembolic pulmonary hypertension on the outcomes of balloon pulmonary angioplasty: a 2D-speckle tracking echocardiography study. *Respiratory research*, 25(1), 164.

Ladefoged B, et al. (2024) Exercise Hemodynamics and Mitochondrial Oxidative Capacity in Disease Stages of Wild-Type Transthyretin Amyloid Cardiomyopathy. *Journal of the American Heart Association*, 13(13), e034213.

Lai J, et al. (2024) Outcomes of gonioscopy-assisted transluminal trabeculotomy in primary congenital glaucoma treatment: a retrospective study. *BMC ophthalmology*, 24(1), 88.

Huberts-Bosch A, et al. (2024) Short-term effects of an elimination diet and healthy diet in children with attention-deficit/hyperactivity disorder: a randomized-controlled trial. *European child & adolescent psychiatry*, 33(5), 1503.

Wu CH, et al. (2024) Dynamic changes in glymphatic function in reversible cerebral vasoconstriction syndrome. *The journal of headache and pain*, 25(1), 17.

Flemming KD, et al. (2024) Clinical and radiologic distinctions between familial cavernous malformation syndrome and cerebral amyloid angiopathy. *Acta neurochirurgica*, 166(1), 508.

Ponte Lira C, et al. (2024) Century-scale dataset of bathymetry and shoreline position for Tagus ebb-tidal delta, Portugal. *Scientific data*, 11(1), 983.

Salama NM, et al. (2024) A comprehensive study on changes in coastal hydrodynamics associated with cyclonic activity. *Scientific reports*, 14(1), 11680.

Janssen I, et al. (2024) Cardiovascular Health, Race, and Decline in Cognitive Function in Midlife Women: The Study of Women's Health Across the Nation. *Journal of the American Heart Association*, 13(9), e031619.

Webster AP, et al. (2024) Donor whole blood DNA methylation is not a strong predictor of acute graft versus host disease in unrelated donor allogeneic haematopoietic cell transplantation. *Frontiers in genetics*, 15, 1242636.

Vajsz K, et al. (2024) Psychometric properties of the self-report version of the Strengths and Weaknesses of ADHD Symptoms and Normal Behavior Scale in a sample of Hungarian adolescents and young adults. *Frontiers in psychiatry*, 15, 1330716.

Akdeniz B, et al. (2024) Diffusiophoretic Behavior of Polyelectrolyte-Coated Particles. *Langmuir : the ACS journal of surfaces and colloids*, 40(11), 5934.

Xu Z, et al. (2024) Blood PAI-1 and cardiovascular and metabolic risk factors among the middle-aged women from SWAN study. *Scientific reports*, 14(1), 21207.

Shinfuku MS, et al. (2024) Seasonal effects of long-term warming on ecosystem function and bacterial diversity. *PloS one*, 19(10), e0311364.

Akdeniz B, et al. (2024) Diffusiophoresis in Polymer and Nanoparticle Gradients. *The journal of physical chemistry. B*, 128(24), 5874.

Shima H, et al. (2024) Exploratory analysis of the accuracy of echocardiographic parameters for the assessment of right ventricular function and right ventricular-pulmonary artery coupling. *Pulmonary circulation*, 14(2), e12368.

Tomasova K, et al. (2024) Telomere length as a predictor of therapy response and survival in patients diagnosed with ovarian carcinoma. *Heliyon*, 10(13), e33525.

Zhong H, et al. (2024) Association between gynecological disorders and insomnia and depression trajectories: a longitudinal study of middle-aged women. *Frontiers in psychiatry*, 15, 1515678.

de Souza de Lima A, et al. (2024) Assessing the potential long-term effects of sea-level rise on salt marsh's coastal protective capacity under different climate pathway scenarios. *Environmental monitoring and assessment*, 196(9), 817.

Granberg A, et al. (2024) The influence of contextual factors on an intervention for people with disabilities from support persons' and health personnel's perspectives: a focus group study. *Frontiers in rehabilitation sciences*, 5, 1294990.