

Resource Summary Report

Generated by SPARC SAWG on Aug 9, 2026

BRAHMS

RRID:SCR_015642

Type: Tool

Proper Citation

BRAHMS (RRID:SCR_015642)

Resource Information

URL: <https://github.com/BRAHMS-SystemML/brahms>

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Description: Simulation software that runs network simulations where the network is specified in its own format called SystemML. The components of the network can be implemented in C, C++, Python or Matlab and are used in SpineML_2_BRAHMS to provide a simulation back-end for SpineML models.

Resource Type: software resource

Defining Citation: [DOI:10.1016/j.aei.2009.08.002](https://doi.org/10.1016/j.aei.2009.08.002)

Keywords: neural network, simulation, modeling software, spineml, systemml, c, c++, python, matlab

Availability: Free, Available for download

Resource Name: BRAHMS

Resource ID: SCR_015642

Old URLs: <http://brahms.sourceforge.net/home/>

License: GNU GPL

Record Creation Time: 20220129T080326+0000

Record Last Update: 20260808T190024+0000

Ratings and Alerts

No rating or validation information has been found for BRAHMS.

No alerts have been found for BRAHMS.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 19 mentions in open access literature.

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

Asase A, et al. (2020) A new model for efficient, need-driven progress in generating primary biodiversity information resources. Applications in plant sciences, 8(1), e11318.

Darbyshire I, et al. (2019) The endemic plants of Mozambique: diversity and conservation status. PhytoKeys, 136, 45.

Torabi P, et al. (2019) Impact of Cardiovascular Neurohormones on Onset of Vasovagal Syncope Induced by Head-up Tilt. Journal of the American Heart Association, 8(12), e012559.

Zappi DC, et al. (2019) Plotting a future for Amazonian canga vegetation in a campo rupestre context. PloS one, 14(8), e0219753.

James SS, et al. (2018) Integrating Brain and Biomechanical Models-A New Paradigm for Understanding Neuro-muscular Control. Frontiers in neuroscience, 12, 39.

Pirie MD, et al. (2018) A taxonomic revision of the Neotropical genus Crematosperma (Annonaceae), including five new species. PhytoKeys(112), 1.

Valdiglesias V, et al. (2018) Immunological alterations in frail older adults: A cross sectional study. Experimental gerontology, 112, 119.

Pirie MD, et al. (2018) Parallel diversifications of Crematosperma and Mosannonna (Annonaceae), tropical rainforest trees tracking Neogene upheaval of South America. Royal Society open science, 5(1), 171561.

D'Aurizio F, et al. (2017) Definition of the upper reference limit for thyroglobulin antibodies according to the National Academy of Clinical Biochemistry guidelines: comparison of eleven different automated methods. Auto- immunity highlights, 8(1), 8.

Kuecuekbalaban P, et al. (2017) Psychological, situational and application-related determinants of the intention to self-test: a factorial survey among students. BMC health services research, 17(1), 468.

Kim HJ, et al. (2017) Novel Application of Quantitative Single-Photon Emission Computed Tomography/Computed Tomography to Predict Early Response to Methimazole in Graves' Disease. Korean journal of radiology, 18(3), 543.

Irimia RE, et al. (2016) Taxonomic revision of *Rocheportia* Sw. (Ehretiaceae, Boraginales). Biodiversity data journal(4), e7720.

Williams EV, et al. (2016) Checklist of Serengeti Ecosystem Grasses. Biodiversity data journal(4), e8286.

Motylewska E, et al. (2015) Decreased serum level of IL-7 in patients with active Graves' disease. Cytokine, 75(2), 373.

van Wolfswinkel ME, et al. (2012) Copeptin does not accurately predict disease severity in imported malaria. Malaria journal, 11, 6.

Bachman S, et al. (2011) Supporting Red List threat assessments with GeoCAT: geospatial conservation assessment tool. ZooKeys(150), 117.

Brenner AV, et al. (2011) I-131 dose response for incident thyroid cancers in Ukraine related to the Chornobyl accident. Environmental health perspectives, 119(7), 933.

Ostroumova E, et al. (2009) Subclinical hypothyroidism after radioiodine exposure: Ukrainian-American cohort study of thyroid cancer and other thyroid diseases after the Chornobyl accident (1998-2000). Environmental health perspectives, 117(5), 745.

Urizar E, et al. (2005) Glycoprotein hormone receptors: link between receptor homodimerization and negative cooperativity. The EMBO journal, 24(11), 1954.