

Resource Summary Report

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GAMMA

RRID:SCR_009484

Type: Tool

Proper Citation

GAMMA (RRID:SCR_009484)

Resource Information

URL: http://www.nitrc.org/projects/gamma_suite/

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Description: GAMMA suite is an open-source cross-platform data mining software package designed to analyze neuroimaging data. A neuroimaging study often focuses on biomarker detection and classification. We designed and implemented a Bayesian, multivariate, nonparametric suite of algorithms for analyzing neuroimaging data. The GAMMA suite can be used for brain morphometric analysis, lesion-deficit analysis, and functional MR data analysis.

Abbreviations: GAMMA

Synonyms: GAMMA Suite

Resource Type: data processing software, image analysis software, software application, software resource

Keywords: reusable library, analyze, c, c++, console (text based), computed tomography, cygwin, hp-ux, linux, macos, microsoft, modeling, magnetic resonance, nifti, pet, spect, posix/unix-like, quantification, statistical operation, volumetric analysis, win32 (ms windows), windows, neuroimaging

Availability: GNU General Public License

Resource Name: GAMMA

Resource ID: SCR_009484

Alternate IDs: nlx_155632

Record Creation Time: 20220129T080253+0000

Record Last Update: 20260821T193853+0000

Ratings and Alerts

No rating or validation information has been found for GAMMA.

No alerts have been found for GAMMA.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 692 mentions in open access literature.

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

Heffernan V, et al. (2026) Urban safety and the role of hydrant structure and configuration. Scientific reports, 16(1).

Maciá-Vicente JG, et al. (2026) The phylogenetic structure of plant communities drives the belowground transmission of fungal pathogens. The New phytologist, 250(6), 3976.

Tan K, et al. (2026) Phylogenetic Analysis and Structural Evaluation of Staphylococcus aureus Serine-Aspartate Repeat-Containing Protein D with a Focus on Periprosthetic Joint Infection. bioRxiv : the preprint server for biology.

Rabah SM, et al. (2026) Parental knowledge and access barriers in the management of cleft lip and/or palate: A cross-sectional study from Saudi Arabia. Medicine, 105(3), e46627.

Ohenhen LO, et al. (2026) Global subsidence of river deltas. Nature, 649(8098), 894.

Lantos T, et al. (2026) Religion and suicide in Hungary: uncovering regional patterns and the protective effect of Catholicism (2000-2022). BMC public health, 26(1).

Seo J, et al. (2026) Global 0.25-degree gridded Snow water equivalent data derived from machine learning using in-situ measurements. Scientific data, 13(1).

Liu J, et al. (2026) Interplate rheological contrast revealed by asymmetric deformation after the 2023 Kahramanmaraş earthquakes. Nature communications, 17(1).

Gallego-Valadés A, et al. (2026) The spatial distribution of diagnosed Type 2 diabetes mellitus and cardiovascular disease incidence in Valencia, 2015-2022: a retrospective, registry-based study. BMC public health, 26(1).

Zhang H, et al. (2026) TransitNet: A lightweight semantic segmentation network for urban traffic scene understanding. PloS one, 21(5), e0348843.

Macé B, et al. (2026) Cities at Sea: Coastal Urbanization Generates Local Biodiversity Hotspots but Homogenizes Marine Fish Communities Regionally. Global change biology, 32(6), e70965.

Kratzer L, et al. (2026) Disorganized attachment and identity dissociation: FKBP5 CATT as a molecular moderator. *Psychiatry research*, 360, 117079.

Lappin JS, et al. (2026) Temporal processes of information transmission from visual search to behavior. *Journal of vision*, 26(3), 8.

Santos LBD, et al. (2026) Pangenome analysis of nine soybean cyst nematode genomes reveals hidden variation contributing to diversity and adaptation. *BMC genomics*, 27(1), 177.

Zhao H, et al. (2026) Two Decades of Land Subsidence in Tianjin, China, Measured with Multi-Temporal InSAR Observations. *Sensors (Basel, Switzerland)*, 26(4).

Foquet B, et al. (2026) Evolution of Highly Repetitive Silk Genes in the Luna Moth, *Actias luna*. *Genome biology and evolution*, 18(3).

Ohenhen LO, et al. (2026) Land subsidence on Java Island and its contributions to relative sea level change. *Science advances*, 12(15), eaec0172.

Sánchez Pacheco T, et al. (2026) Beyond the first glance: How human presence enhances visual entropy and promotes spatial learning. *PLoS computational biology*, 22(1), e1013173.

Moradi Gharajeh Z, et al. (2026) Comparative analysis of classical growth models and artificial neural networks in predicting egg production parameters in three commercial broiler parent stocks. *Poultry science*, 105(3), 106356.

Liebig L, et al. (2026) Ten years of screen time among medical students in Dresden, Germany: unveiling the trends. *BMC medical education*, 26(1).