Resource Summary Report

Generated by RRID on May 8, 2025

LIBSVM

RRID:SCR_010243

Type: Tool

Proper Citation

LIBSVM (RRID:SCR_010243)

Resource Information

URL: http://www.csie.ntu.edu.tw/~cjlin/libsvm

Proper Citation: LIBSVM (RRID:SCR_010243)

Description: An integrated software for support vector classification, (C-SVC, nu-SVC), regression (epsilon-SVR, nu-SVR) and distribution estimation (one-class SVM) from the laboratory of Chih-Chung Chang and Chih-Jen Lin. It supports multi-class classification.

Synonyms: LIBSVM -- A Library for Support Vector Machines, Library for Support Vector

Machines

Resource Type: software application, software resource

Keywords: software repository, vector classification, regression, distribution estimation

Funding:

Resource Name: LIBSVM

Resource ID: SCR 010243

Alternate IDs: nlx_156876, nlx_157763, SCR_003614

Record Creation Time: 20220129T080257+0000

Record Last Update: 20250508T065312+0000

Ratings and Alerts

No rating or validation information has been found for LIBSVM.

No alerts have been found for LIBSVM.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1151 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID.

Koenig L, et al. (2025) Spontaneous slow cortical potentials and brain oscillations independently influence conscious visual perception. PLoS biology, 23(1), e3002964.

Drago? HM, et al. (2025) Functional Connectivity and MRI Radiomics Biomarkers of Cognitive and Brain Reserve in Post-Stroke Cognitive Impairment Prediction-A Study Protocol. Life (Basel, Switzerland), 15(1).

Yang YY, et al. (2025) The integration of self-efficacy and response-efficacy in decision making. Scientific reports, 15(1), 1789.

Hackney BC, et al. (2024) A quantitative comparison of atlas parcellations on the human superior temporal sulcus. Brain research, 1842, 149119.

A Dehaqani A, et al. (2024) A mechanosensory feedback that uncouples external and self-generated sensory responses in the olfactory cortex. Cell reports, 43(4), 114013.

Ku SP, et al. (2024) Phase locking of hippocampal CA3 neurons to distal CA1 theta oscillations selectively predicts memory performance. Cell reports, 43(6), 114276.

Wang M, et al. (2024) BiPSTP: Sequence feature encoding method for identifying different RNA modifications with bidirectional position-specific trinucleotides propensities. The Journal of biological chemistry, 300(4), 107140.

Yang T, et al. (2024) Neural substrates of predicting anhedonia symptoms in major depressive disorder via connectome-based modeling. CNS neuroscience & therapeutics, 30(7), e14871.

Fukuma R, et al. (2024) Fast, accurate, and interpretable decoding of electrocorticographic signals using dynamic mode decomposition. Communications biology, 7(1), 595.

Wijaya DR, et al. (2024) Poverty prediction using E-commerce dataset and filter-based feature selection approach. Scientific reports, 14(1), 3088.

Xu Y, et al. (2024) The human posterior parietal cortices orthogonalize the representation of different streams of information concurrently coded in visual working memory. PLoS biology, 22(11), e3002915.

Kosciessa JQ, et al. (2024) Broadscale dampening of uncertainty adjustment in the aging brain. Nature communications, 15(1), 10717.

Yousefzadeh N, et al. (2024) Neuron-level explainable AI for Alzheimer's Disease assessment from fundus images. Scientific reports, 14(1), 7710.

Okuyama S, et al. (2024) Recruitment of the premotor cortex during arithmetic operations by the monkey. Scientific reports, 14(1), 6450.

Wang Y, et al. (2024) Voxel- and tensor-based morphometry with machine learning techniques identifying characteristic brain impairment in patients with cervical spondylotic myelopathy. Frontiers in neurology, 15, 1267349.

Bonetti L, et al. (2024) Spatiotemporal brain hierarchies of auditory memory recognition and predictive coding. Nature communications, 15(1), 4313.

Guo Z, et al. (2024) Disruption of the gut microbiota-inflammation-brain axis in unmedicated bipolar disorder II depression. Translational psychiatry, 14(1), 495.

Shan X, et al. (2024) Abnormal regional activity in the prefrontal-limbic circuit at rest: Potential imaging markers and treatment predictors in drug-naive anxiety disorders. CNS neuroscience & therapeutics, 30(4), e14523.

Wikman P, et al. (2024) Attention to audiovisual speech shapes neural processing through feedback-feedforward loops between different nodes of the speech network. PLoS biology, 22(3), e3002534.

Ikeda S, et al. (2024) Predicting conversational satisfaction of face-to-face conversation through interpersonal similarity in resting-state functional connectivity. Scientific reports, 14(1), 6015.