

Resource Summary Report

Generated by SPARC SAWG on Sep 15, 2026

LIBSVM

RRID:SCR_010243

Type: Tool

Proper Citation

LIBSVM (RRID:SCR_010243)

Resource Information

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

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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

Resource Name: LIBSVM

Resource ID: SCR_010243

Alternate IDs: nlx_156876, nlx_157763, SCR_003614

Record Creation Time: 20220129T080257+0000

Record Last Update: 20260912T200203+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

Usage and Citation Metrics

We found 1231 mentions in open access literature.

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

Ahmadi Ghomroudi P, et al. (2026) EEG Based Decoding of the Perception and Regulation of Taboo Words. *Psychophysiology*, 63(5), e70318.

Verhees FG, et al. (2026) clickBrick prompt engineering: optimizing large language model performance in clinical psychiatry. *Npj mental health research*, 5(1).

Adade SYS, et al. (2026) Machine learning-assisted Raman spectroscopy for non-destructive analysis of crude palm oil quality. *NPJ science of food*, 10(1), 41.

Hou W, et al. (2026) Differential destinations, dynamics, and functions of high- and low-order features in the feedback signal during object processing. *eLife*, 13.

Qi M, et al. (2026) Predicting treatment response to transcutaneous auricular vagus nerve stimulation in patients with insomnia: resting-state functional connectivity based multivoxel pattern analysis. *BMC psychiatry*, 26(1), 11.

Bausch M, et al. (2026) Distinct neuronal populations in the human brain combine content and context. *Nature*, 650(8102), 690.

Mikolas P, et al. (2026) Functional Outcome Prediction in Young Adults With Mental Health Symptoms Using Machine Learning and Large Language Models: Longitudinal Observational Study. *JMIR mental health*, 13, e84424.

Wu Y, et al. (2026) Three-dimensional scene boundary representations for wall orientation and distance are represented distinctly in the human visual cortex. *PLoS biology*, 24(3), e3003541.

Li J, et al. (2026) Frontotemporal cortical thinning and insular surface area reduction in schizophrenia with predominant negative symptoms. *BMC psychiatry*, 26(1).

Jaganjac M, et al. (2026) Integrative Analysis of 4-Hydroxynonenal-Modified Proteins and Plasma Metabolome in Breast Cancer Patients. *Antioxidants (Basel, Switzerland)*, 15(2).

Santeiro-Hermida S, et al. (2026) Prediction of Lower Third Molar Eruption in Panoramic Radiography Using Artificial Intelligence (AI): PDApp. *Diagnostics (Basel, Switzerland)*, 16(4).

Imai F, et al. (2026) Shared neural representation between motor execution and kinesthetic imagery in the primary motor cortex. *Imaging neuroscience (Cambridge, Mass.)*, 4.

Duttagupta S, et al. (2026) Identifying clinico-radiological determinants of post-stroke fatigue 3 months post-stroke in a French hospital-based cohort of non-severe stroke

patients without psychiatric comorbidities. PloS one, 21(3), e0345376.

Wang Z, et al. (2026) ERP Decoding Analysis of Visual Working Memory Processes in Schizophrenia. Alpha psychiatry, 27(1), 42597.

Yu Y, et al. (2026) Multiparametric OCTA Biomarkers for Classifying Mild Diabetic Retinopathy: A Cross-Sectional Evaluation. Translational vision science & technology, 15(3), 30.

Azmi MB, et al. (2026) Computational identification of rare pathogenic genomic variants in esophageal cancer markers: Transcript-level analysis, sequence-based insights, and structural-functional impacts of non-synonymous SNPs. Biochemistry and biophysics reports, 45, 102503.

Wu G, et al. (2026) Area 55b forms a cortical transition zone for sensorimotor-semantic transformation in human language. Research square.

Chen Y, et al. (2026) Volume Alterations in Thalamic Subnuclei in Parkinson's Disease Dementia and Machine Learning-Based Prediction of Diagnosis and Severity. Brain and behavior, 16(6), e71494.

Nagy T, et al. (2026) Hybrid Adaptive Segmentation and Morphology-Based Classification of EOG for Automated Detection of Phasic and Tonic REM Sleep. Sensors (Basel, Switzerland), 26(4).

Ji W, et al. (2026) Blind image quality assessment based on statistical features. Scientific reports, 16(1).