

Resource Summary Report

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statsmodel

RRID:SCR_016074

Type: Tool

Proper Citation

statsmodel (RRID:SCR_016074)

Resource Information

URL: <http://www.statsmodels.org/>

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Description: Statistical software that provides classes and functions for the estimation of many different models, as well as for conducting statistical tests, and statistical data exploration. The results are tested against existing statistical packages to ensure that they are correct. <http://conference.scipy.org/proceedings/scipy2010/seabold.html>

Synonyms: Statsmodels: Econometric and Statistical Modeling with Python

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

Keywords: python, statistic, estimate, econometric, model, library, class, function, r

Availability: Open source, Available for download

Resource Name: statsmodel

Resource ID: SCR_016074

License: Modified BSD (3-clause) License

Record Creation Time: 20220129T080328+0000

Record Last Update: 20260829T182512+0000

Ratings and Alerts

No rating or validation information has been found for statsmodel.

No alerts have been found for statsmodel.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 253 mentions in open access literature.

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

Ma L, et al. (2026) Low vitamin D and folate levels are associated with costochondritis: a retrospective cross-sectional study on children with impaired bone health. BMC pediatrics, 26(1).

Coggan DD, et al. (2026) Exposure to naturalistic occlusion promotes generalized, human-like robustness in deep neural networks. bioRxiv : the preprint server for biology.

Marshall JJ, et al. (2026) Synaptic mechanisms modulate the spatiotemporal dynamics of striatal direct pathway neurons and motor output. eLife, 13.

Gonçalves RFS, et al. (2026) A technical semi-field methodology to measure the effect of nutrition on honey bee brood rearing. The Journal of experimental biology, 229(1).

Salamon D, et al. (2026) Gut bacterial and fungal signatures in relation to human leukocyte antigen-DQ2/DQ8 in children with celiac disease and siblings. World journal of gastroenterology, 32(10), 116128.

Hatano H, et al. (2026) A food-grade cell dissociation agent via regulatory pre-check framework. PloS one, 21(4), e0345921.

Durgala A, et al. (2026) Anxiety-like behaviour in mice after mild repetitive head impacts during the subacute phase. Frontiers in behavioral neuroscience, 20, 1839876.

Judge JM, et al. (2026) Biased inter-columnar communication and short-term plasticity in mouse barrel cortex. bioRxiv : the preprint server for biology.

Heumos L, et al. (2026) Pertpy: an end-to-end framework for perturbation analysis. Nature methods, 23(2), 350.

Wise T, et al. (2026) Transdiagnostic mental health symptom dimensions predict use of flexible model-based inference in complex environments. Translational psychiatry, 16(1).

Lee K, et al. (2026) Prediction of Smartphone Addiction Among Korean Adolescents Based on Physical Activity and Mental Health: A Machine Learning Analysis Using LASSO and SHAP From the Korea Youth Risk Behavior Survey. Alpha psychiatry, 27(1), 46201.

Li Y, et al. (2026) The contribution of short tandem repeats to splicing variation in the human cortex. bioRxiv : the preprint server for biology.

Nikolaidis M, et al. (2026) Compositional and functional differences of gut microbiome and metabolome inform pathogenesis of cholestatic liver disease. Gut microbes, 18(1),

2655793.

Gallo G, et al. (2026) Heart-nosed bat alphacoronaviruses use human CEACAM6 to enter cells. *Nature*, 653(8113), 180.

Smolen C, et al. (2026) Protocol for identifying genetic modifiers of phenotypes in individuals with disease-associated variants. *STAR protocols*, 7(2), 104546.

Yang LM, et al. (2026) Mitotic chromatin compaction tethers extrachromosomal DNA to chromosomes and prevents their mis-segregation into micronuclei. *The Journal of biological chemistry*, 302(2), 111081.

Gundesli Y, et al. (2026) Shade and Drought Shape Stomatal Kinetics in Beech Saplings. *Physiologia plantarum*, 178(2), e70856.

Ka?as M, et al. (2026) Endocrine Sequelae of Mild Traumatic Brain Injury in Patients Admitted to the Emergency Department: A 12-Month Study. *Diagnostics (Basel, Switzerland)*, 16(6).

Arif M, et al. (2026) Integrative analysis of left ventricle and epicardial adipose tissue identifies SDHA and OGDH as candidate targets for ischemic heart disease. *iScience*, 29(7), 116370.

Qu Y, et al. (2026) Development of non-spatial grid-like neural codes tracks inference and intelligence. *Cell*, 189(10), 3091.