

Resource Summary Report

Generated by [dkNET](#) on Jul 30, 2026

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

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: 20260729T044408+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 211 mentions in open access literature.

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

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

Janssens DH, et al. (2026) Sequential RNA polymerase II activation drives human hematopoiesis. *Cell reports*, 45(1), 116802.

Mills KM, et al. (2026) Multisensory integration for active mechanosensation in *Drosophila* flight. *Current biology : CB*, 36(1), 93.

Hazelton JL, et al. (2025) Cardiovascular risk factors and the allostatic interoceptive network in dementia. *Cardiovascular research*, 121(14), 2222.

Wiertelak W, et al. (2025) Cytosolic UDP-Gal biosynthetic machinery is required for dimerization of SLC35A2 in the Golgi membrane and its interaction with B4GalT1. *Frontiers in molecular biosciences*, 12, 1563384.

Abrahamsen BS, et al. (2025) Added Value of [18F]PSMA-1007 PET/CT and PET/MRI in Patients With Biochemically Recurrent Prostate Cancer: Impact on Detection Rates and Clinical Management. *Journal of magnetic resonance imaging : JMRI*, 61(1), 466.

Min D, et al. (2025) Large Language Models for CAD-RADS 2.0 Extraction From Semi-Structured Coronary CT Angiography Reports: A Multi-Institutional Study. *Korean journal of radiology*, 26(9), 817.

Bauer M, et al. (2025) HIV status alters immune cell infiltration and activation profile in women with breast cancer. *Nature communications*, 16(1), 4699.

Kim DH, et al. (2025) Is the Incidence of Concomitant Esotropia with Diplopia in the United States Increasing? *Ophthalmology science*, 5(5), 100799.

Ali SI, et al. (2025) Proof-of-concept evaluation at Cox's Bazar of the Safe Water Optimization Tool: water quality modelling for safe water supply in humanitarian emergencies. *BMJ global health*, 10(8).

Herber CS, et al. (2025) Spatial coding dysfunction and network instability in the aging medial entorhinal cortex. *Nature communications*, 16(1), 8770.

Idkowiak J, et al. (2025) Best practices and tools in R and Python for statistical processing and visualization of lipidomics and metabolomics data. *Nature communications*, 16(1), 8714.

Owen CM, et al. (2025) Artificial intelligence driven clustering of blood pressure profiles reveals frailty in orthostatic hypertension. *Experimental physiology*, 110(2), 230.

Liu X, et al. (2025) Identification of the Hub Gene LDB3 in Stanford Type A Aortic Dissection Based on Comprehensive Bioinformatics Analysis. *Journal of cellular and molecular medicine*, 29(6), e70471.

Wang YJ, et al. (2025) Temporal trends of blood-based markers in various psychiatric disorders and their cross-sectional brain structure associations. *Communications medicine*, 5(1), 239.

Szlak L, et al. (2025) Peri-operative anti-inflammatory drug use and seizure recurrence after resective epilepsy surgery: Target trials emulation. *iScience*, 28(4), 112124.

Mehta SD, et al. (2025) Prearrest vital sign abnormalities are associated with adverse outcomes in pediatric ICU cardiac arrest: a get with the guidelines-resuscitation analysis. *Resuscitation*, 216, 110846.

Merdith AS, et al. (2025) Phanerozoic icehouse climates as the result of multiple solid-Earth cooling mechanisms. *Science advances*, 11(7), eadm9798.

Wright SN, et al. (2025) State of the interactomes: an evaluation of molecular networks for generating biological insights. *Molecular systems biology*, 21(1), 1.

Burhan E, et al. (2025) Real-World Effectiveness of COVID-19 Vaccines (ChAdOx-1s, CoronaVac, BBIBP-CorV, mRNA-1273, and BNT162b2) in Jakarta: Protocol for Test-Negative Design of Health Care Data. *JMIR research protocols*, 14, e56519.