

Resource Summary Report

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Pingouin

RRID:SCR_022261

Type: Tool

Proper Citation

Pingouin (RRID:SCR_022261)

Resource Information

URL: <https://pingouin-stats.org/>

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Description: Open source statistical package written in Python 3 and based mostly on Pandas and NumPy. Designed for users who want simple yet exhaustive stats functions.

Resource Type: software toolkit, software resource

Defining Citation: [DOI:10.21105/joss.01026](https://doi.org/10.21105/joss.01026)

Keywords: statistical functions, Python 3

Availability: Free, Available for download, Freely available

Resource Name: Pingouin

Resource ID: SCR_022261

Alternate URLs: <https://github.com/raphaelvallat/pingouin>

License: GNU GPL v3.0

Record Creation Time: 20220506T050143+0000

Record Last Update: 20260729T044538+0000

Ratings and Alerts

No rating or validation information has been found for Pingouin.

No alerts have been found for Pingouin.

Data and Source Information

Usage and Citation Metrics

We found 57 mentions in open access literature.

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

Tang J, et al. (2026) Optimized motion-insensitive PDFF mapping of the liver. Magnetic resonance in medicine, 95(1), 249.

Bottenhorn KL, et al. (2025) Metrics for estimating individual-level changes in functional brain connectivity and their correspondence with topology changes. bioRxiv : the preprint server for biology.

Muller S, et al. (2025) Acute effects of psilocybin on the dynamics of gaze fixations during visual aesthetic perception. Scientific reports, 15(1), 24763.

Su H, et al. (2025) Neural dynamics of spontaneous memory recall and future thinking in the continuous flow of thoughts. Nature communications, 16(1), 6433.

Pogoda-Wesołowska A, et al. (2025) The role of selected NKG2DLs such as MICA, MICB and ULBP4 as potential markers in multiple sclerosis. Scientific reports, 15(1), 27562.

Stevens NA, et al. (2025) Diversity of axon initial segment geometry in the mouse hippocampus and its predicted influence on neuronal excitability. Cerebral cortex (New York, N.Y. : 1991), 35(12).

Vasilkov V, et al. (2025) Modeling the impact of cochlear nerve degeneration on speech recognition performance. PloS one, 20(11), e0336299.

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.

Moradmand H, et al. (2025) Graph feature selection for enhancing radiomic stability and reproducibility across multiple institutions in head and neck cancer. Scientific reports, 15(1), 27995.

Tetereva A, et al. (2025) Improving predictability, reliability, and generalizability of brain-wide associations for cognitive abilities via multimodal stacking. PNAS nexus, 4(6), pgaf175.

Cramer JA, et al. (2025) Automated landmark-based symmetric and standard alignment of skull base structures on CT. Neuroimage. Reports, 5(2), 100260.

Schnupp JWH, et al. (2025) Pulse timing dominates binaural hearing with cochlear implants. Proceedings of the National Academy of Sciences of the United States of America, 122(16), e2416697122.

Lu D, et al. (2025) MRI Radiomics to Predict Early Treatment Response to TACE Combined with Lenvatinib Plus a PD-1 Inhibitor for Hepatocellular Carcinoma with Portal Vein Tumor Thrombus. *Journal of hepatocellular carcinoma*, 12, 985.

Novak V, et al. (2025) Breaking the reproducibility barrier with standardized protocols for plant-microbiome research. *PLoS biology*, 23(9), e3003358.

Heidenreich JF, et al. (2025) Motion-Insensitive Flip Angle Modulated Liver Proton Density Fat-Fraction and R2* Mapping During Free-Breathing MRI in a Clinical Setting. *Journal of magnetic resonance imaging : JMRI*, 62(5), 1452.

Sosa M, et al. (2025) A flexible hippocampal population code for experience relative to reward. *Nature neuroscience*, 28(7), 1497.

Ferretti D, et al. (2025) Feasibility and usability of three consecutive nights with self-applied, home polysomnography. *Journal of sleep research*, 34(2), e14286.

Zeng Y, et al. (2025) MRI-based intra-tumoral ecological diversity features and temporal characteristics for predicting microvascular invasion in hepatocellular carcinoma. *Frontiers in oncology*, 15, 1510071.

Akre S, et al. (2025) Comparing self reported and physiological sleep quality from consumer devices to depression and neurocognitive performance. *NPJ digital medicine*, 8(1), 92.

Scheffer-Teixeira R, et al. (2025) On CA1 ripple oscillations in rats and the reassessment of asynchronicity evidence. *eLife*, 14.