

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 8, 2026

Pypreclin

RRID:SCR_021526

Type: Tool

Proper Citation

Pypreclin (RRID:SCR_021526)

Resource Information

URL: <https://github.com/neurospin/pypreclin>

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Description: Software Python tool to processes raw macaque fMRI images using algorithms embedded in automatic pipeline.

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

Defining Citation: [DOI:10.1016/j.neuroimage.2019.116353](https://doi.org/10.1016/j.neuroimage.2019.116353)

Keywords: Raw macaque fMRI images, fMRI images, macaque images, Python, OpenBehavior

Availability: Free, Available for download, Freely Available

Resource Name: Pypreclin

Resource ID: SCR_021526

Alternate URLs: <https://edspace.american.edu/openbehavior/project/pypreclin/>

License: CeCILL-B FREE SOFTWARE LICENSE

Record Creation Time: 20220129T080356+0000

Record Last Update: 20260905T132941+0000

Ratings and Alerts

No rating or validation information has been found for Pypreclin.

No alerts have been found for Pypreclin.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Luppi AI, et al. (2026) Convergent transcriptomic and connectomic controllers of information integration and its anaesthetic breakdown across mammalian brains. Nature human behaviour, 10(4), 777.

Luppi AI, et al. (2026) Competitive interactions shape mammalian brain network dynamics and computation. Nature neuroscience, 29(4), 915.

Luppi AI, et al. (2025) General anaesthesia decreases the uniqueness of brain functional connectivity across individuals and species. Nature human behaviour, 9(5), 987.

Luppi AI, et al. (2024) Competitive interactions shape brain dynamics and computation across species. bioRxiv : the preprint server for biology.

Luppi AI, et al. (2024) Local orchestration of distributed functional patterns supporting loss and restoration of consciousness in the primate brain. Nature communications, 15(1), 2171.

Luppi AI, et al. (2023) General anaesthesia reduces the uniqueness of brain connectivity across individuals and across species. bioRxiv : the preprint server for biology.

Messinger A, et al. (2021) A collaborative resource platform for non-human primate neuroimaging. NeuroImage, 226, 117519.

Tasserie J, et al. (2020) Pypreclin: An automatic pipeline for macaque functional MRI preprocessing. NeuroImage, 207, 116353.