

Resource Summary Report

Generated by [Kravitz](#) on Sep 10, 2026

DeepEthogram

RRID:SCR_022355

Type: Tool

Proper Citation

DeepEthogram (RRID:SCR_022355)

Resource Information

URL: <https://edspace.american.edu/openbehavior/project/deepethogram/>

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Description: Software tool to extract relevant features from images and use time series of these features to classify whether given behavior is present in each frame of video recording.machine learning pipeline for supervised behavior classification from raw pixels. Performs action recognition ,automated behavior classification, over frames. Used for automated behavior classification to detect and track behavior over time.

Abbreviations: DEG

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

Defining Citation: [DOI:10.7554/eLife.63377](https://doi.org/10.7554/eLife.63377)

Keywords: OpenBehavior, behavioral data analysis, video analysis, offline analysis software, behavior measurement, supervised behavior classification from raw pixels

Availability: Free, Available for download, Freely available

Resource Name: DeepEthogram

Resource ID: SCR_022355

Alternate URLs: <https://github.com/jbohnslav/deepethogram>

License: Academic and Non-Commercial Research Use Software License

Record Creation Time: 20220602T050140+0000

Record Last Update: 20260905T133013+0000

Ratings and Alerts

No rating or validation information has been found for DeepEthogram.

No alerts have been found for DeepEthogram.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

??zdl PG, et al. (2026) Centralized brain networks controlling antennal grooming coordination. Nature communications, 17(1).

Bueno-Junior LS, et al. (2026) Social compatibility in opposite-sex prairie vole pairs is modulated by early-life sleep experience. PLoS biology, 24(3), e3003434.

An X, et al. (2026) A cortical circuit for orchestrating oromaneal food manipulation. Neuron, 114(12), 2254.

Perry LJ, et al. (2025) A circadian behavioral analysis suite for real-time classification of daily rhythms in complex behaviors. Cell reports methods, 5(5), 101050.

Weinreb C, et al. (2024) Keypoint-MoSeq: parsing behavior by linking point tracking to pose dynamics. Nature methods, 21(7), 1329.

Bohnslav JP, et al. (2021) DeepEthogram, a machine learning pipeline for supervised behavior classification from raw pixels. eLife, 10.