

Resource Summary Report

Generated by PRECISE-TBI on Sep 8, 2026

Optimouse

RRID:SCR_021527

Type: Tool

Proper Citation

Optimouse (RRID:SCR_021527)

Resource Information

URL: <https://github.com/yorambenshaul/optimouse>

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Description: Software tool for analysis of mouse position data. Open source software to analyze positions of individual mice, specifically their nose positions, in behavioral arena with the goal of minimizing error.

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

Defining Citation: [DOI:10.1186/s12915-017-0377-3](https://doi.org/10.1186/s12915-017-0377-3)

Keywords: Mouse position data analysis, mouse position, position data, nose position, OpenBehavior

Availability: Free, Available for download, Freely Available

Resource Name: Optimouse

Resource ID: SCR_021527

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

Record Creation Time: 20220129T080356+0000

Record Last Update: 20260905T132941+0000

Ratings and Alerts

No rating or validation information has been found for Optimouse.

No alerts have been found for Optimouse.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Ohno S, et al. (2025) The medial prefrontal cortex encodes procedural rules as sequential neuronal activity dynamics. *Molecular brain*, 18(1), 56.

Godoy AP, et al. (2022) High trait anxiety in mice is associated with impaired extinction in the contextual fear conditioning paradigm. *Neurobiology of learning and memory*, 190, 107602.