

# Resource Summary Report

Generated by [ASWG](#) on Aug 2, 2026

## Optimouse

RRID:SCR\_021527

Type: Tool

---

### Proper Citation

Optimouse (RRID:SCR\_021527)

---

### Resource Information

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

**Proper Citation:** Optimouse (RRID:SCR\_021527)

**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 processing software, data analysis 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:** 20260801T190719+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 [ASWG](#) .

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.