

Resource Summary Report

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MouseMove project

RRID:SCR_021581

Type: Tool

Proper Citation

MouseMove project (RRID:SCR_021581)

Resource Information

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

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Description: Portal provides MouseMove software system used to analyze Open Field behavior of mice after experimental stroke to show reduced locomotor activity and to quantify laterality deficits. System is used in combination with open source program ImageJ and MTrack2 plugin to analyze pre recorded Open Field test video. System has two downloadable components, ImageJ macro and separate program with custom built MouseMove GUI. ImageJ is used to subtract background video from experiment and create image of animals total trajectory. MouseMove GUI then completes detailed analysis of movement patterns, measuring fractional time spent stationary, distance traveled, speed mean and various details of laterality.

Synonyms: MouseMove system

Resource Type: project portal, data or information resource, portal

Defining Citation: [DOI:10.1038/srep16171](https://doi.org/10.1038/srep16171)

Keywords: Open Field behavior analysis, mice after experimental stroke, reduced locomotor activity, quantify laterality deficits, OpenBehavior

Availability: Free, Freely available

Resource Name: MouseMove project

Resource ID: SCR_021581

Record Creation Time: 20220129T080356+0000

Record Last Update: 20260818T043650+0000

Ratings and Alerts

No rating or validation information has been found for MouseMove project.

No alerts have been found for MouseMove project.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.