Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 28, 2025

Kravitz Dataset 2

RRID:SCR_000296
Type: Tool

Proper Citation

Kravitz Dataset 2 (RRID:SCR_000296)

Resource Information

URL: https://scicrunch.org/kravitz2

Proper Citation: Kravitz Dataset 2 (RRID:SCR_000296)

Description: Dataset of the spike and laser timestamps from Kravitz, Owen and Kretizer's 2012 paper "Optogenetic identification of striatal projection neuron subtypes during in vivo recordings." The code will analyze spike trains around laser pulses to determine if a cell is significantly activated by the laser, and therefore expresses an excitatory opsin, such as channelrhodopsin-2. It returns an excel sheet that simply identifies the activated cells.

Resource Type: data set, data or information resource

Defining Citation: PMID:23178332

Keywords: data set, neuron, spike train, optogenetic, in vivo, laser, channelrhodopsin, matlab

Related Condition: Addiction, Parkinson's disease, Tourette's syndrome

Funding:

Resource Name: Kravitz Dataset 2

Resource ID: SCR_000296

Alternate IDs: nlx_151410

Record Creation Time: 20220129T080200+0000

Record Last Update: 20250428T052812+0000

Ratings and Alerts

No rating or validation information has been found for Kravitz Dataset 2.

No alerts have been found for Kravitz Dataset 2.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Kravitz AV, et al. (2013) Optogenetic identification of striatal projection neuron subtypes during in vivo recordings. Brain research, 1511, 21.