Resource Summary Report

Generated by RRID on Apr 29, 2025

NeuroChaT

RRID:SCR_018020
Type: Tool

Proper Citation

NeuroChaT (RRID:SCR_018020)

Resource Information

URL: https://github.com/shanemomara/omaraneurolab/tree/master/NeuroChaT

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Description: Software open source python toolbox to analyse neuronal signals recorded in vivo in freely behaving animal, with particular emphasis on spatial coding. Can be used as application programming interface, or as general user interface, and is designed to help simplify adoption of standardised analyses for behavioural neurophysiology and facilitate open data sharing and collaboration between laboratories.

Synonyms: Neuron Characterisation Toolbox

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

Defining Citation: DOI:12688/wellcomeopenres.15533.1

Keywords: Neuronal signal, analysis, freely behaving animal, spatial coding, behavioural neurophysiology, data, bio.tools

Funding: Wellcome Trust

Availability: Free, Available for download, Freely available

Resource Name: NeuroChaT

Resource ID: SCR_018020

Alternate IDs: biotools:NeuroChat

Alternate URLs: https://bio.tools/NeuroChaT

License: GNU General Public License version 3

Record Creation Time: 20220129T080338+0000

Record Last Update: 20250429T055940+0000

Ratings and Alerts

No rating or validation information has been found for NeuroChaT.

No alerts have been found for NeuroChaT.

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 RRID.

Rizzello E, et al. (2022) Place cells in the claustrum remap under NMDA receptor control. The European journal of neuroscience, 56(2), 3825.

Islam MN, et al. (2019) NeuroChaT: A toolbox to analyse the dynamics of neuronal encoding in freely-behaving rodents in vivo. Wellcome open research, 4, 196.