

Resource Summary Report

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LinCoM

RRID:SCR_021519

Type: Tool

Proper Citation

LinCoM (RRID:SCR_021519)

Resource Information

URL: <https://github.com/cpapasavvas/LinCoM>

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Description: Software MATLAB package for linearization of place fields in complex mazes. Graph theoretic approach for production of linear place fields in complex mazes. Used for producing linear place fields for hippocampal cells during behavior in complex mazes. Specifically designed to deal with mazes with one or more decision points (e.g., T-maze, W-maze, double T-maze, radial maze, plus maze, etc).

Synonyms: Linear place fields in Complex Mazes

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

Defining Citation: [DOI:10.1101/2020.08.17.253849](https://doi.org/10.1101/2020.08.17.253849)

Keywords: Place fields linearization, complex mazes, producing linear place fields, hippocampal cells, complex mazes behavior, OpenBehavior

Availability: Free, Available for download, Freely Available

Resource Name: LinCoM

Resource ID: SCR_021519

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

License: MIT License

Record Creation Time: 20220129T080356+0000

Record Last Update: 20260905T132941+0000

Ratings and Alerts

No rating or validation information has been found for LinCoM.

No alerts have been found for LinCoM.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.