

# Resource Summary Report

Generated by T1D on Aug 3, 2026

## LinCoM

RRID:SCR\_021519

Type: Tool

---

### Proper Citation

LinCoM (RRID:SCR\_021519)

---

### Resource Information

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

**Proper Citation:** LinCoM (RRID:SCR\_021519)

**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:** software toolkit, software resource, data processing software, software application, data analysis software

**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:** 20260803T040818+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.