R scripts for FLIC data analysis

RRID:SCR_018386
Type: Tool

Proper Citation

R scripts for FLIC data analysis (RRID:SCR_018386)

Resource Information

URL: https://www.flidea.tech/flic-support

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Description: R Code used to analyze FLIC data. Functions are provided to examine interactions with food for single well and food choice experiments when fly makes physical contact with liquid food.

Synonyms: R scripts for Fly Liquid Food Interaction Counter data analysis

Resource Type: source code, data processing software, software application, data analysis software, software resource

Defining Citation: PMID:24978054

Keywords: Fly Liquid Food Interaction Counter, FLIC, FLIC data analysis, fly physical contact, liquid food fly interaction, data analysis

Funding:

Availability: Free, Available for download, Freely available

Resource Name: R scripts for FLIC data analysis

Resource ID: SCR_018386

Alternate URLs: https://github.com/PletcherLab/FLIC_R_Code

Record Creation Time: 20220129T080340+0000

Record Last Update: 20250421T054240+0000

Ratings and Alerts

No rating or validation information has been found for R scripts for FLIC data analysis.

No alerts have been found for R scripts for FLIC data analysis.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Fleck SA, et al. (2024) Auxin exposure disrupts feeding behavior and fatty acid metabolism in adult Drosophila. eLife, 12.

Opoola M, et al. (2024) Con-FLIC: concurrent measurement of feeding behaviors and food consumption in Drosophila at single-fly resolution. microPublication biology, 2024.

Umezaki Y, et al. (2024) Taste triggers a homeostatic temperature control in hungry flies. eLife, 13.

Fleck SA, et al. (2023) Auxin Exposure Disrupts Feeding Behavior and Fatty Acid Metabolism in Adult Drosophila. bioRxiv : the preprint server for biology.

Weaver KJ, et al. (2023) Behavioral dissection of hunger states in Drosophila. eLife, 12.

Pardo-Garcia TR, et al. (2023) Food memory circuits regulate eating and energy balance. Current biology : CB, 33(2), 215.

May CE, et al. (2020) Dietary sugar inhibits satiation by decreasing the central processing of sweet taste. eLife, 9.