

Resource Summary Report

Generated by NIF on May 4, 2025

DLStream

RRID:SCR_022359

Type: Tool

Proper Citation

DLStream (RRID:SCR_022359)

Resource Information

URL: <https://edspace.american.edu/openbehavior/project/dlstream/>

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Description: Software tool enables closed loop behavioral experiments using deep learning based markerless, real time posture detection. Closed loop behavioral experiment toolkit using pose estimation of body parts.

Synonyms: DeepLabStream

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

Defining Citation: [DOI:10.1038/s42003-021-01654-9](https://doi.org/10.1038/s42003-021-01654-9)

Keywords: OpenBehavior, video analysis, behavioral experiment, pose estimation, body parts

Funding: Projekt DEAL

Availability: Free, Available for download, Freely available

Resource Name: DLStream

Resource ID: SCR_022359

Alternate URLs: <https://github.com/SchwarzNeuroconLab/DeepLabStream>

License: GNU General Public License v3.0

Record Creation Time: 20220602T050140+0000

Record Last Update: 20250503T061001+0000

Ratings and Alerts

No rating or validation information has been found for DLStream.

No alerts have been found for DLStream.

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 [NIF](#).

Ibáñez Alcalá RJ, et al. (2024) RECORD, a high-throughput, customizable system that unveils behavioral strategies leveraged by rodents during foraging-like decision-making. Communications biology, 7(1), 822.