## **Resource Summary Report**

Generated by <u>dkNET</u> on May 5, 2025

## DANNCE

RRID:SCR\_023061 Type: Tool

**Proper Citation** 

DANNCE (RRID:SCR\_023061)

## **Resource Information**

URL: https://github.com/spoonsso/dannce

Proper Citation: DANNCE (RRID:SCR\_023061)

**Description:** Convolutional neural network that calculates 3D positions of user-defined anatomical landmarks on behaving animals from videos taken at multiple angles. Works on recorded video data from multiple cameras. Used for 3D markerless pose estimation and tracking.

Synonyms: 3-Dimensional Aligned Neural Network for Computational Ethology

**Resource Type:** 3d visualization software, software resource, data processing software, data visualization software, software application

**Keywords:** OpenBehavior, track animals, pose information, 3D positions, video data, multiple cameras, 3D markerless pose estimation and tracking,

Funding:

Availability: Free, Available for download, Freely available

Resource Name: DANNCE

Resource ID: SCR\_023061

Alternate URLs: https://edspace.american.edu/openbehavior/?s=DANNCE

Record Creation Time: 20221228T050157+0000

Record Last Update: 20250505T054834+0000

## **Ratings and Alerts**

No rating or validation information has been found for DANNCE.

No alerts have been found for DANNCE.

Data and Source Information

Source: <u>SciCrunch Registry</u>

Usage and Citation Metrics

We have not found any literature mentions for this resource.