OWLET

ONLINE WEBCAM LINKED EYE TRACKER

OVERVIEW

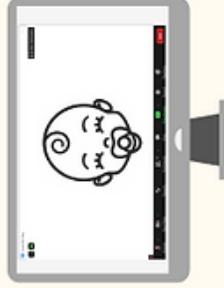OWLET is a new freely-available tool designed for processing gaze data from infants and children.

HOW IT WORKS

OWLET uses ecological psychology, computer vision, and machine learning to track infants' gaze from smartphone and webcam recordings.

USING OWLET

You can process videos with OWLET using a user interface or the terminal. All you need is a video with the baby close to the camera!

GAZE DATA

Infants' gaze coordinates are saved on a frame-by-frame basis, providing flexibility in customizing output measures and areas of interest.

IMPLICATIONS

OWLET can help support rapid online data collection in infants and children across the globe, increasing diversity and accessibility in human studies.

CHECK IT OUT YOURSELF!

You can download the macOS app and source code at deniserwerchan.com/OWLET.

Werchan, D.M., Thomason, M.E., & Brito, N.H. (2022). OWLET: An Automated, Open-Source Method for Infant Gaze Tracking using Smartphone and Webcam Recordings. Behavior Research Methods.