辻晶

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助教

Developing datasets of infant behavior that are exploitable by AI

§1. 研究成果の概要

The aim of the present project is to develop a dataset of infant looking time studies big and diverse enough to allow the development and improvement of automatic gaze coding algorithms. Over the past year, we have established an infrastructure for this endeavor, by translating extant experimental software into Japanese and other languages to enable diverse data collection, and by establishing a world-wide network of participating labs (ManyBabies-AtHome).

We have developed a first experimental task in order to record infant visual responses (look/no-look, left/right) and the modulation of these responses as a function of saliency. Data will be collected during this fiscal year.