**ES/L008955/1: ESRC International Centre for Language and Communicative Development**

The files in this archive relate to:

Twomey, K. E., & Westermann, G. (2018). Learned Labels Shape Pre-speech Infants’ Object Representations. Infancy, 23(1), 61–73.

Details of methods, procedure etc. are available in the paper.

**Contents**

**1) Structure of archive**

**2) Variable descriptions**

**1) Structure of archive**

/data: eyetracking data files; participant information, analysis scripts

/stimuli: stimuli, counterbalancing details

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| --- | --- | --- |
| **File name** | **Type** | **Description** |
| Twomey\_et\_al-2018-Infancy.pdf | PDF file | Final published paper, open access |
| data/\*.tsv | Eyetracker data, tab-separated text | Eyetracking data files |
| data/labeltime-summary-anonymised.xlsx | Microsoft Excel file | Participant and experiment information |
| data/labeltimeinfancyR1.R | R script | Annotated analysis script |
| data/remef.R | R function | Open source R function for removing random effects from data (NOTE CITATION – necessary for running of script but not written by the current authors) |
| data/summarySE.R | R function | Open source R function for calculating 95% confidence intervals |

**2) Variable descriptions**

**data/\*.tsv**

StudioTestName Counterbalance order

ParticipantName: Participant ID

RecordingName: Recording number for that participant (always Rec 01 in this case)

RecordingDate: Recording date

MediaName: Stimulus on-screen; all .jpg files are training or test files, anything else is an attention getter

MediaWidth Width of stimulus on screen

MediaHeight Hieight of stimulus on screen

RecordingTimeStamp Timestamp from beginning of eyetracker recording

GazepointIndex Numeric identifier for that particular gazepoint

GazepointX (MCSpx) x coordinate of averaged gazepoint measured from top-left hand corner of on-screen stimulus

GazepointY (MCSpx) y coordinate of averaged gazepoint measured from top-left hand corner of on-screen stimulus

ValidityLeft 0 if left eye detected, 4 if not

ValidityRight 0 if right eye detected, 4 if not

**data/Labeltime-summary-anonymised**

pnum Participant ID

sex Participant sex

order Counterbalance order used in Tobii Studio

Samplesprop Eyetracker track rate: proportion of samples where eyetracker detected eyes

Agevisit2 Participant age in days when looking time task took place

Age\_months Participant age in months

Age\_days Participant age in additional days (total age = months + days)

Visitdays Number of days elapsed between first and second visits

Sessions Number of play sessions during at-home training phase