**Variable explanations: switching\_data.csv**

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| **Variable name** | **Levels** | **Explanation** |
| RecordingName |  | Subject Recording Name. Each infant has one recording (one block), and each adult has two (two blocks). |
| id |  | Unique subject ID |
| trial.number |  | Trial number within the block, ranging from 1-18 for both infants and adults. Note filler trials are not included in the dataset, so each participant will have 12 trials reported. |
| order.seen | 1, 2 | Whether trial was presented in 1st block or 2nd block for that participant (only adults have 2nd block) |
| MediaName |  | Unique name of video shown during trial |
| TrialTimestamp |  | Eyetracker timestamp, zeroed to onset of trial |
| trial.type | same, switch | “same” = same-language trials, “switch” = switched-language trials |
| carrier.language | English, French | Language of carrier sentence: English or French |
| target.language | English, French | Language of target word: English or French |
| look.target | 0, 1 | Was there a look to the target object AOI? 0 = no, 1 = yes |
| look.distractor | 0, 1 | Was there a look to the distractor object AOI? 0 = no, 1 = yes |
| look.any | 0, 1 | Was there a look to either the target or the distractor? 0 = no, 1 = yes |
| GazePointX |  | X coordinate for eyegaze |
| GazePointY |  | Y coordinate for eyegaze |
| PupilLeft |  | Diameter of left pupil |
| PupilRight |  | Diameter of right pupil |
| trackloss | TRUE/FALSE | Was there trackloss? |
| per.eng |  | Percent exposure to English: Ranges from 25–75 |
| per.fr |  | Percent exposure to French: Ranges from 25–75 |
| per.dom |  | Percent exposure to dominant language: Ranges from 50-75 |
| per.nondom |  | Percent exposure to dominant language: Ranges from 25-50 |
| lang.mix |  | Language Mixing Scale Score: Ranges from 0 (no language mixing) to 30 (highest score for language mixing) |
| trial.number.unique |  | Unique number identifying each trial ranging from 1-18 for infants and 1-36 for adults. Note filler trials are not included in the dataset, so infants will have a total of 12 trials and adults will have 24 reported. |
| age.group | 20-month-olds, Adults | 20-month-olds or Adults |
| switch.type | Across-Sentence, Within-Sentence | Type of carrier phrase. Within-sentence, e.g. Look at the dog! Look at the *chien*! Across-sentence, e.g. I like that one! The dog! I like that one! *Le chien!* |
| Carrier | Dominant, Non-Dominant | Whether the carrier phrase was presented in the participant’s dominant or non-dominant language. |