The *"Data & Scripts"* folder contains all materials required to replicate the results reported in the paper from raw data to statistical analyses. This includes R Scripts and outputs for the steps (1) pre-processing the raw data, (2) creating the tables for analyses, and (3) statistical analyses.

To replicate the analyses:

- Download the entire *"Data and Scripts"* folder.
- Open the *"Project_Third.proj"* R project file. The following materials are embedded within the project file.
- Output data from each step are uploaded to allow for replication of the individual steps without having to run the scripts for the previous steps.

Participants.xlsx	Excel Sheet containing a list of all infants participating in the study, including their age and sex. Dropouts are labeled as such. Number in the row "RunningNO" corresponds to the "Internal Participant Number" indicated in the file name of the raw data recordings in the *RECS* folder.
Step 1: Pre-Processing the data and creating tables for analyses	
PreProcess_Third.R	R-script for pre-processing the eye tracking raw data. Writes pre-processed tables into the folder *PreProcessedTables* (described in Step 2 below).
"RECS" Folder	• Folder with Eye tracking raw data exported from the Tobii Studio Software • Contains one table for each included participant (*N* = 36) • Naming of each file: *"Internal Study Name"_"Internal Participant Number"_"Sex"_"Age in Days"_"Recording Number in Tobii Software"_"Counterbalancing Experiment Version"* Example: „MEMOThird_02_M_296_Rec02_Exp2"
"util" Folder	Folder with utility functions used to pre-process the raw data (in the *PreProcess_Third.R* script).
Interface.R	Interface R Script sourced in the *PreProcess_Third.R* script. Used to define working directories and Areas of Interest.
Step 2: Creating the tables for analyses	
TablePrep_Third.R	R-Script that uses the pre-processed tables written in the *PreProcessedTables* folder and processes them further for statistical analyses (e.g., checks for inclusion criteria, merges tables). The result of this script are the tables *"mean.overall.data.third"* and *"overall.data"* (described in Step 3 see below).
"PreProcessedTables" Folder	Folder that contains the table outputs from the *PreProcess_Third.R* script. Contains one table for each included participant (*N* = 36).
Step 3: Statistical Analyses	
Stats_Third.R	R-script containing the statistical analyses reported in the main manuscript and in the Supplemental Materials.
overall.data	Data frame chunking all individual files from *„PreProcessedTables"* folder in one single file. Contains 12 rows per participant (2 per each of the 6 condition). Created in *TablePrep_Third.R* script.
mean.overall.data.third	Merged data frame used for Post Hoc Analyses. Contains the means for each condition, that is, 6 rows per participant (2 per each of the 6 conditions). Created in *TablePrep_Third.R* script.
mean.overall.data.merged	Combines the mean overall data from this Experiment and the mean overall data from the OSF project " Investigating the Role of Gaze Cues on the Communication-Induced Memory Bias" (https://osf.io/t4yqj/?view_only=43212146399a40619e0f7baed36473a7). This table is used to conduct the analyses reported as "Merged analyses Experiment 1&2" in the manuscript.