

This dataset contains data collected in a silent gesture experiment examining formal differences between gestures for nouns and verbs. Participants took part in the study in pairs and took part in 3 stages:

Stage 1: Creation stage

Participants are shown videos of events and must produce gestures to communicate the events to camera. They do not communicate with their partner in this stage.

Stage 2: Communication stage

Participants take turns to produce gestures for the events shown in the videos, communicating with their partner over a video streaming tool. Participants take it in turns to produce gestures and interpret gestures.

Stage 3: Creation stage

This is identical to stage 1. Participants do not communicate in this stage.

The event videos participants were shown were devised by members of the Susan Goldin-Meadow Laboratory at the University of Chicago. Videos showed a set of objects used either in a typical manner, designed to elicit verb-like gestures, or in an atypical manner, designed to elicit noun-like gestures.

Each folder in this dataset contains video data for a given dyad (15 in total). Within each folder, there is a subfolder for each participant, which contains video data for each stage (given as *create1*, *comm*, *create2*). A csv file in each folder gives information about each trial, such as the participant number, trial number, target video and length of the recorded gesture.

The full dataset is shared here. Where videos for a target are missing, this is due to a technical fault where the video did not record properly. All participants gave informed consent for their gestural data to be made publicly available. An example of the consent form is included with the dataset.