Readme file for eye-tracking data of the eye-tracking experiment

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The datasets provided here are already preprocessed (i.e., recoded into saccades, fixations, blinks etc.) by the SMI software packages BeGaze and Event Detection. The file "Event_Statistics_Single_NormalizationStudy_noheader.txt" contains the eye-tracking data of all participants as processed by BeGaze. Due to an inexplicable and non-correctable error, however, the data from participant ID 11 were not processed correctly by BeGaze (the last 40% of trials were deleted). Therefore, we also processed the data using the Event Detection file. We used (and recommend using) the BeGaze data for all participants except ID 11 and the Event Detection data for ID 11. However, we also checked that using the Event Detection data for all participants does not change the results substantially.

Despite its name, the BeGaze file contains a header with the variable names, which should be (more or less) self-explanatory. The file can be read into R using the "read.delim" command.

The individual Event Detection files also contain header information for the separate events. Reading these file into R is a bit more complicated. We used the *readtext* library.