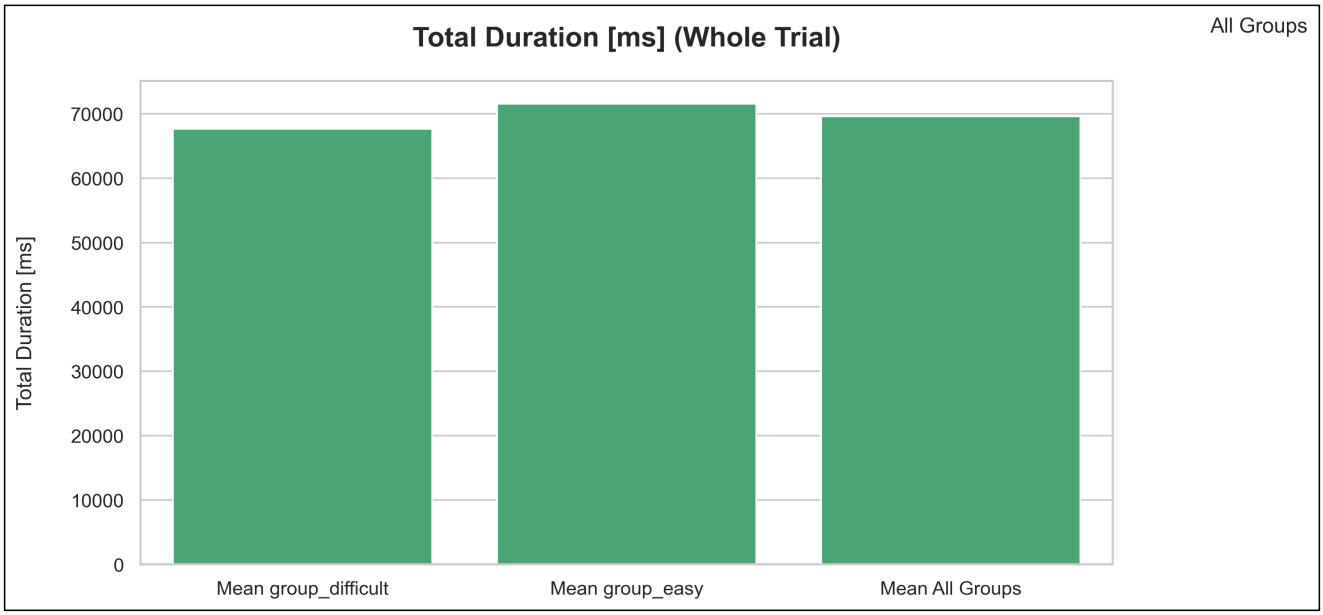
Summary of Gaze Analysis - All Groups

1) Efficiency

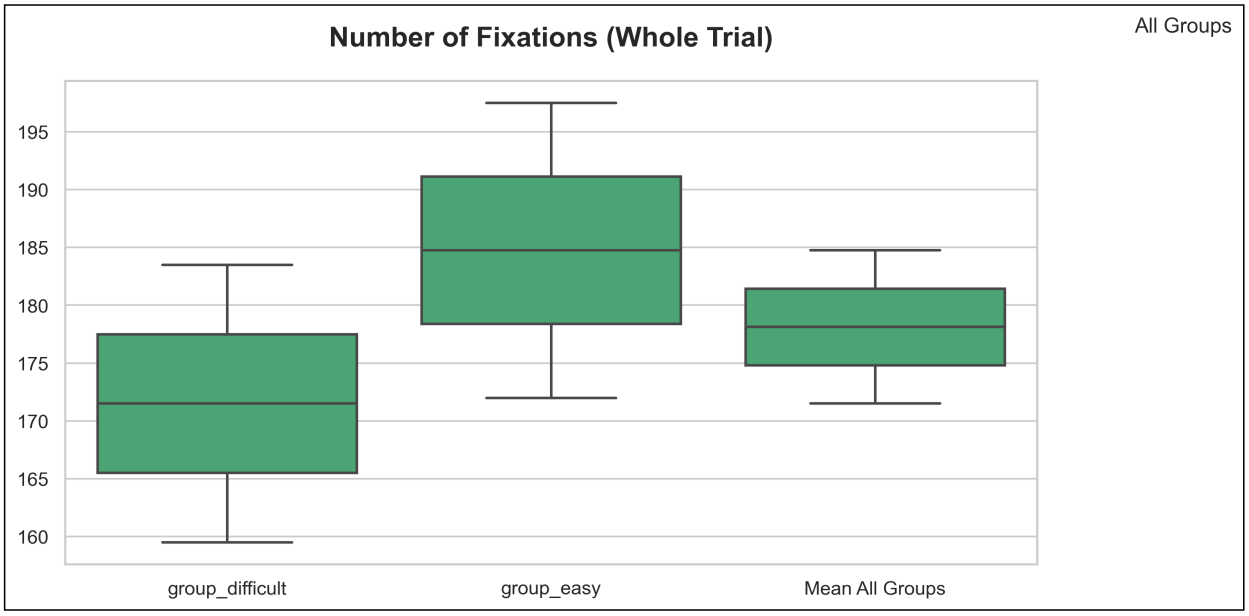
Total Duration [ms]

The average time [ms] the participants' have taken to complete the task. of fixations that were identified on the respective object of interest. The less time they took, the more efficient they were.



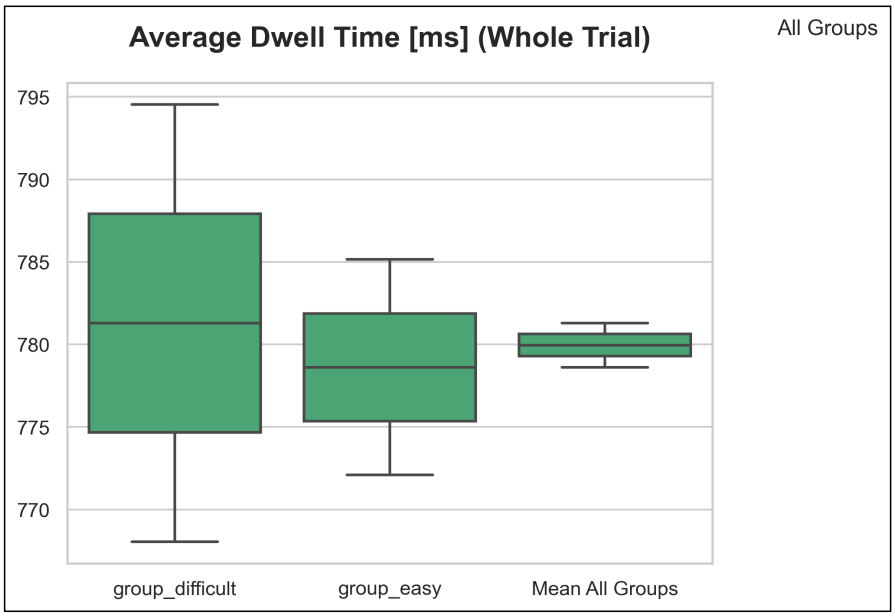
Number of Fixations

The average number of fixations over the entire trial. In general, the more fixations, the less efficient.



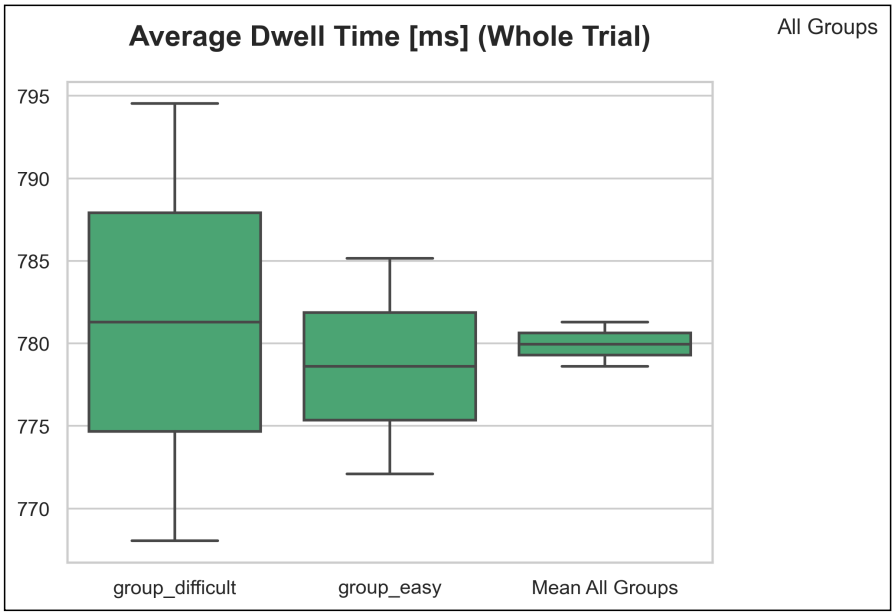
Average Duration per Step

The average time in miliseconds it has taken the participant(s) to complete each of the identified actions. The faster, the more efficient they were.



Average Dwell Time [ms]

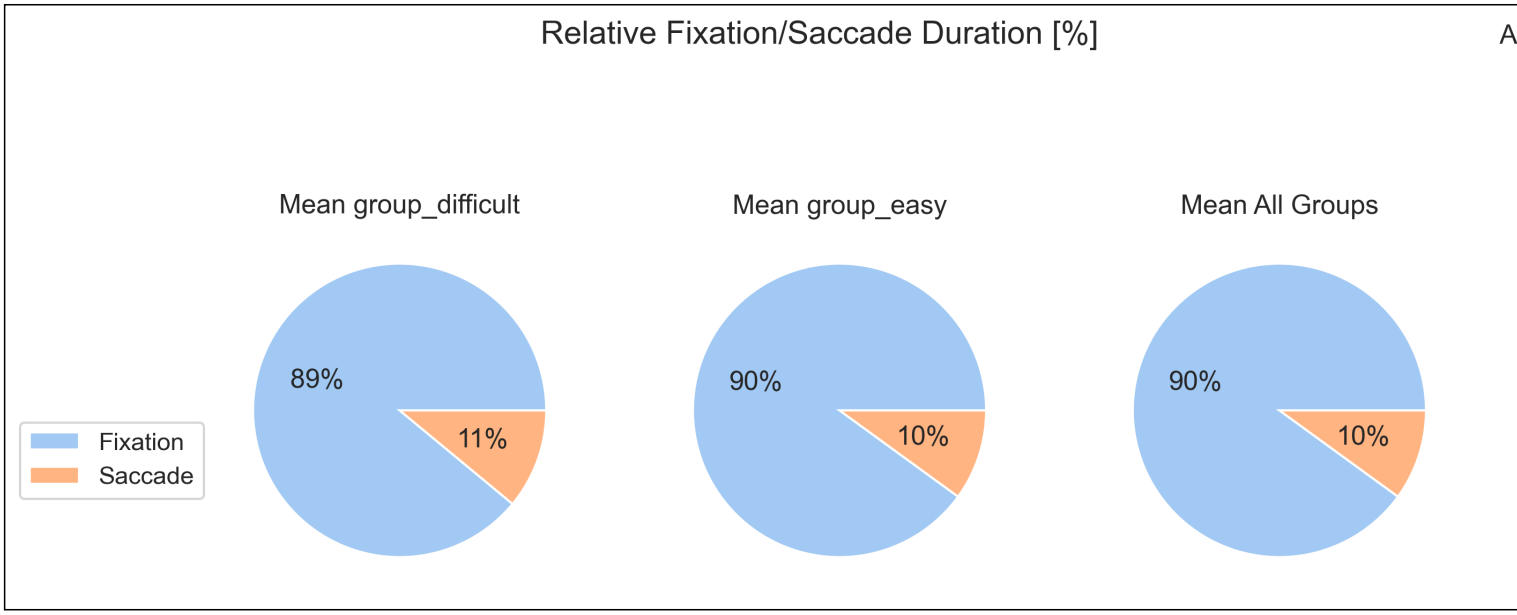
The average duration per dwell in miliseconds on the defined OOI. Generally, the longer the dwell times, the higher the focus and concentration.



2) Focus

Relative Fixation Saccade Duration [%]

Relative percentage of fixation and saccade durations.



Normalised Stationary Gaze Entropy

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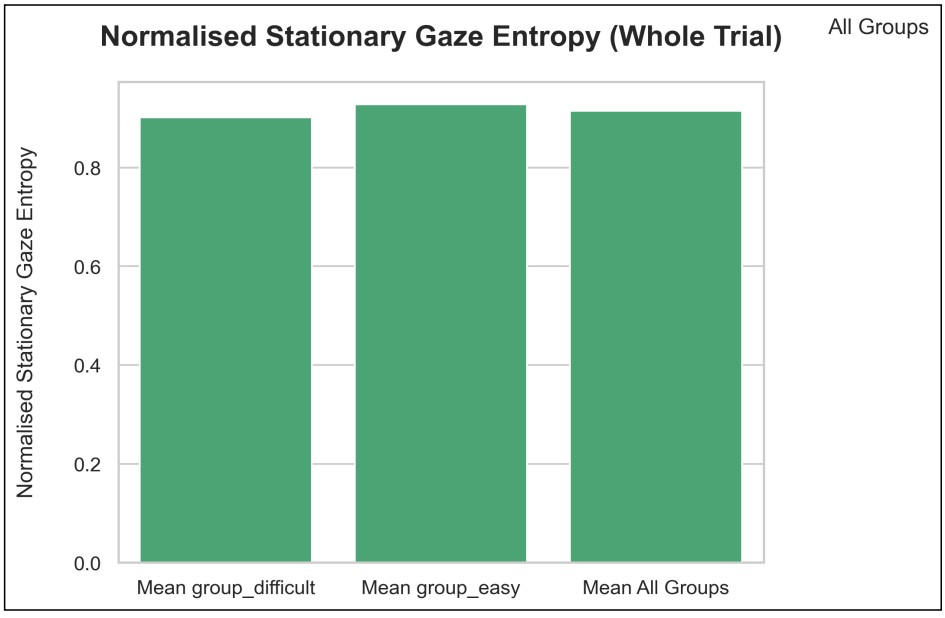
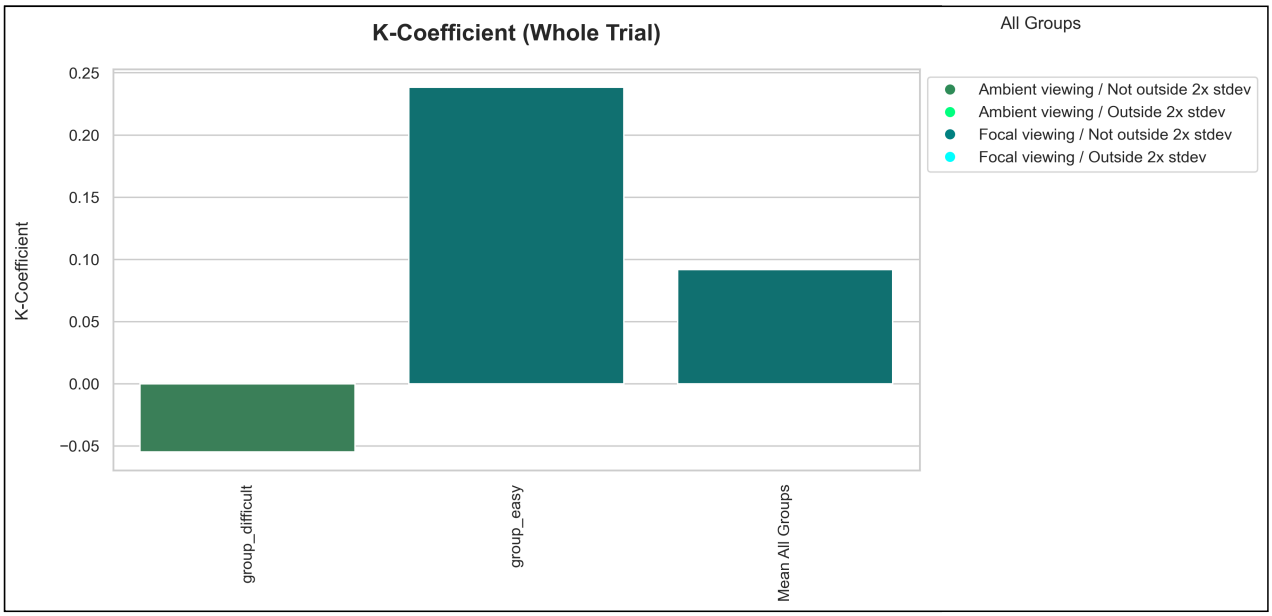


Average K-Coefficients per action

K-Coefficient explained. And outside std deviiionn BliblaBlau



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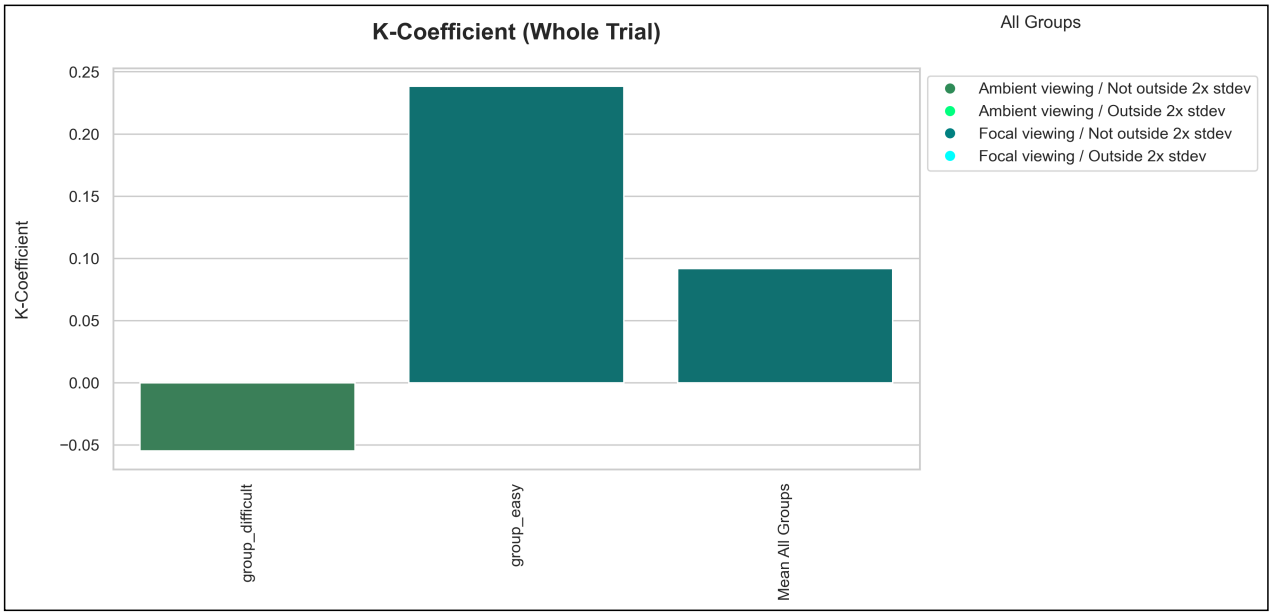
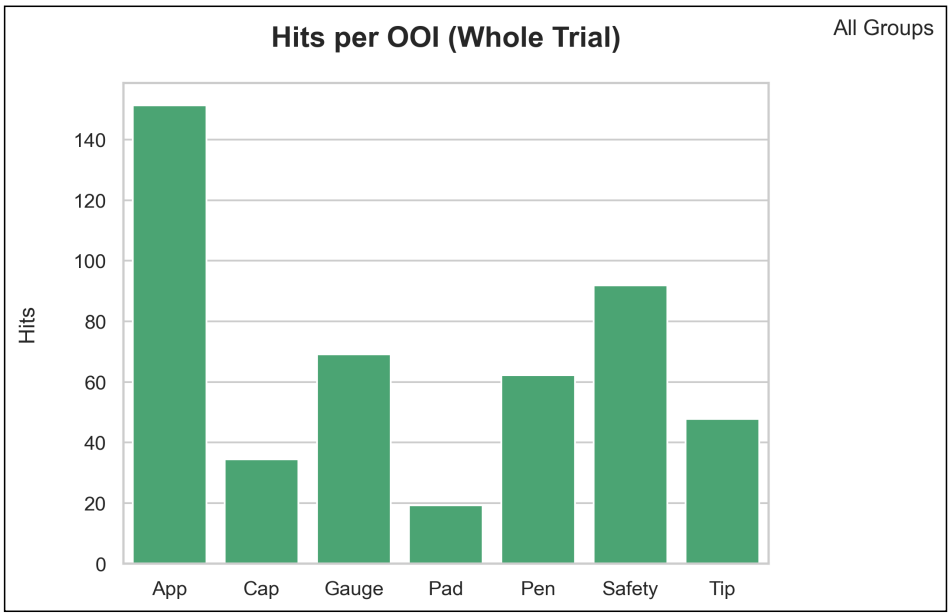
K-Coefficient explained. And outside std dev



1) Attention / Object of Interest-based Analysis

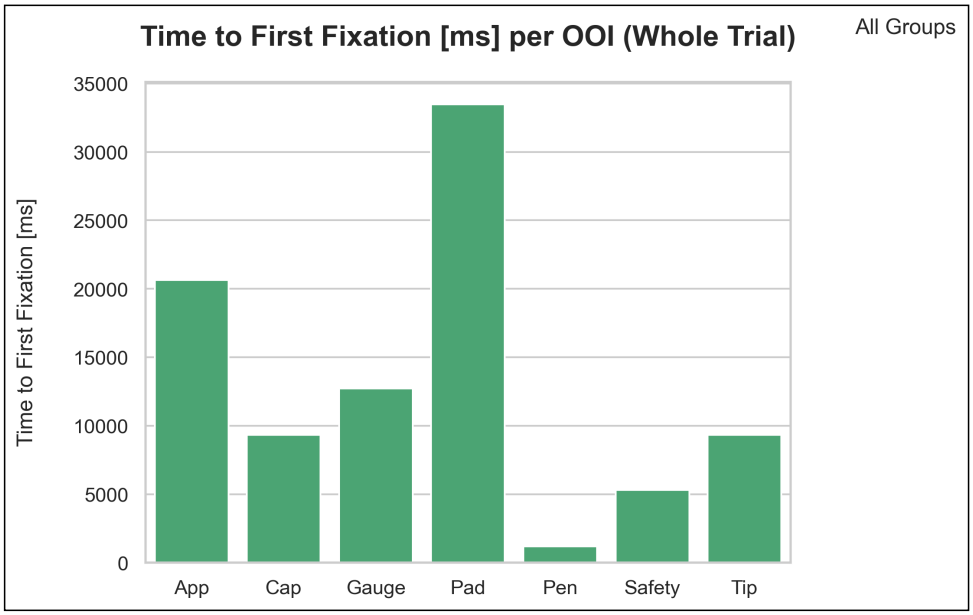
Hits per OOI

The amount of fixations that were identified on the respective object of interest. In general, the more hits an object has, the higher its importance.



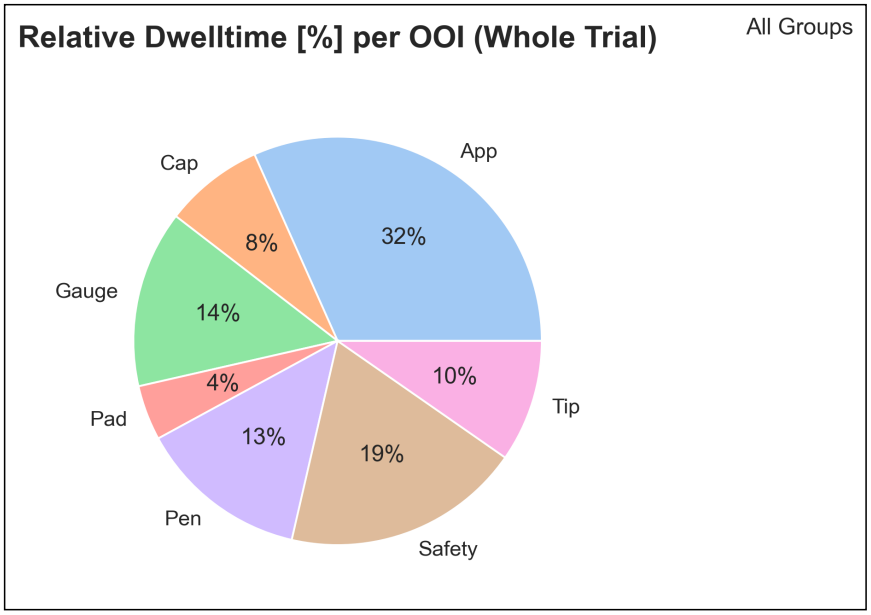
Time to First Fixation [ms] per OOI

The average time in miliseconds until the first fixation on a specific object took place. In general, the less time passes until the object is noticed, the higher its importance or the more noticeable it is.



Relative Dwelltime [%] per OOI

The relative amount of time the participants' gaze was focused on each OOI. In general, the higher the percentage of dwell time, the higher the objects' importance.



Relative Dwelltime [%] per OOI

The average duration of a fixation on each OOI. Generally, higher fixation durations are associated with more focus and concentration. (?)