

Tobii test of Eyetracker Output Utility by Walter van Heuven

Eyetracker Output Utility is a program to visualize, analyze and convert gaze data.

Tested in September 2010 by Måns Östberg

Eyetracker Output Utility can visualize eye tracking data, create QuickTime movies, convert data files to ILAB, and calculate the number of fixations and total fixation durations in regions of interest within user defined time windows. The gaze data can be generated in Tobii Studio and exported to Eyetracker Output Utility.

Eyetracker Output Utility

(<http://www.psychology.nottingham.ac.uk/staff/wvh/eou/index.html>) is developed by Walter van Heuven at the University of Nottingham, UK.

Test details

Test performed in august 2010 on Eyetracker Output Utility 1,20 beta 12, released in august 2010. The test was performed on the following equipment:

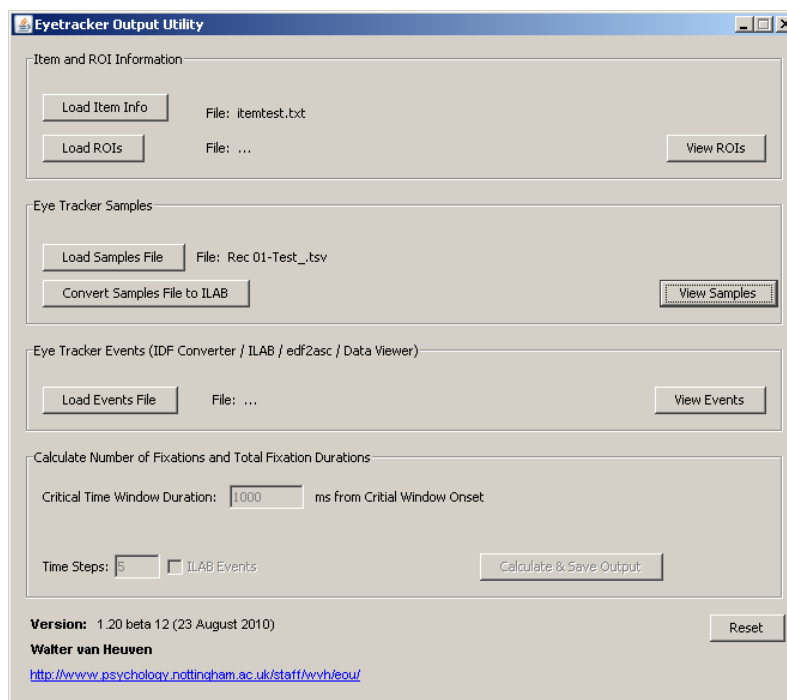
- Eyetracker: Tobii T60 XL, firmware 1.2.21 (should work on all Tobii eye trackers)
- Computer: FujitsuSiemens laptop LIFEBOOK BS034 (2 GB ram, 2 GHz Intel Core2 T7200 CPU at 2 GHz)
- Operating system: Windows XP service pack 3 with Sun Java Development kit version 6 update 20
- Other: Tobii Studio version 2.1.13

Test results

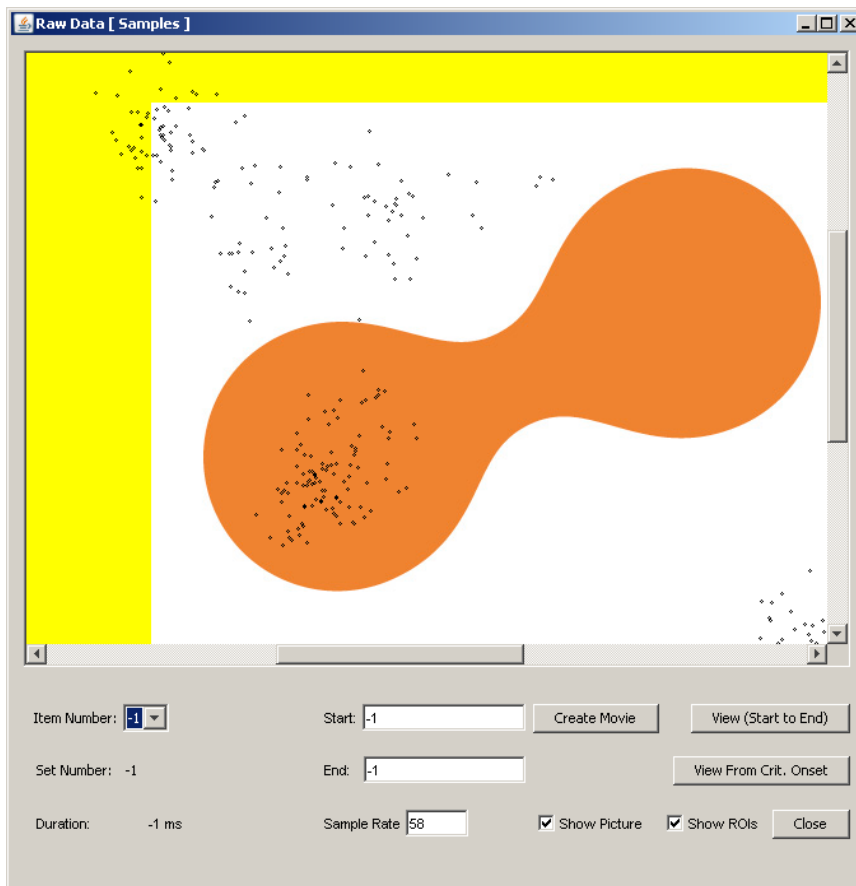
The utility works.

Overview

Eyetracker Output Utility can visualize eye tracking data, create QuickTime movies, convert data files to ILAB, and calculate the number of fixations and total fixation durations in regions of interest within user defined time windows. The gaze data can be generated in Tobii Studio and exported to Eyetracker Output Utility. See Picture 1 and Picture 2 below for a view of the applications user interface.



Picture 1 – Main user interface



Picture 2 – View samples

Get going

There is an extensive manual explaining how to get going.