

Handspy: A new tool to study handwriting in real time

Teresa Jacques, University of Porto
in collaboration with the research team of the
M-BW project
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1st Literacy Summit

What is Handspy?

- ❑ Web-based Application
- ❑ Real time Recording and Analysis

HandSpy

User :

Password :

Project : ▼



- ❑ Collaborative or Individual Analysis
- ❑ Large Scale Data Collection
- ❑ Ecological Validity

What you need:

- ❑ Smartpens
- ❑ Microdotted Paper
- ❑ Android or iOS device (e.g Tablet)*
- ❑ A Gmail Account*

<http://m-bw.up.pt/handspy-v3/>



Type of Data Handspy Provides

Visual

- Pauses
- Bursts

*Once upon a time there was a dear little girl who was loved
by everyone who looked at her, but most of all her
grandmother, and there was nothing that she would not give to
the child. One day she gave her a little cap of red velvet, which
suited her so well that she would never wear anything else. So
she was always called little red riding hood.*

<input type="checkbox"/>	#	Burst (ms)	Pauses (ms)	Burst Length	Distance (mm)	Speed	Text
<input type="checkbox"/>	1	1453	5293		14	0.26	
<input type="checkbox"/>	2	92210	4308		1061	0.31	
<input type="checkbox"/>	3	57117	2864		657	0.31	
<input type="checkbox"/>	4	1174	3465		14	0.31	
<input type="checkbox"/>	5	21835	5993		271	0.33	
<input type="checkbox"/>	5	3598	0		12	0.09	

Numerical

- Burst and Pause Duration (ms)
- Burst distance (mm)
- Burst Speed (cm/s)
- Cumulative Total Time (min.)

Version 2.3.0

HandSpy

TJacques -
Researcher

Project: mbw



Project Upload Analysis

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▼ Tasks

Tasks	Sheets
Writing	2
Prompt	2
Summit	1
Stories	23-27

▼ Participants

Code
700
701
702
703
704
705
706
707

▼ Project Info

Future Developments?

- Handspy 3.0
- Any questions?

For any details regarding the pens or handspy contact: tjacques@fpce.up.pt