



visionlabatuillinois /

CASPER-2.0-NSF-award-number-BCS1921735



<> Code

Issues

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Projects

Security

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Comparing changes

Choose two branches to see what's changed or to start a new pull request. If you need to, you can also [compare across forks](#) or [learn more about diff comparisons](#).



base: 56bbb5bccd6d8ddeb4d2b1... ▾



compare: 2e71e794b8bfa586b4ba6e8... ▾

1 commit

1 file changed

1 contributor



Commits on Nov 3, 2023

Update README.md

Verified



2e71e79



simonabuetti committed on Nov 3, 2023

Showing 1 changed file with 6 additions and 39 deletions.

Split

Unified

45 README.md

```
@@ -1,50 +1,17 @@
...
1  - # CASPER-model
2  - # CASPER Model of visual search
3  - # Concurrent Attention: Serial and Parallel Evaluation with Relations
4  - # Conceptualization: Simona Buetti, John E Hummel, Alejandro Lleras, and
   - Rachel F Heaton .
5  - # Software: John E Hummel and Rachel F Heaton.
6  -
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14 -
15 -
```

16		- This model of visual search was first developed and written by John E Hummel in 2018.
17		- The model was subsequently developed and written by Rachel F Heaton.
18		-
19		- This model extends and replaces an earlier version of the model found at https://github.com/rachelfheaton/search-model
20		-
21		-
22		- # If this work is used in academic research, please cite:
23		- Heaton, R.F. (2023) A computational model of serial and parallel processing in visual search.
24		- https://arxiv.org/abs/2310.10061
25		-
26		- and the persistent DOI in the README.md file in this repository
27		-
28		-
29		-
30		-
31		-
32		-
33	1	# Acknowledgements
34	2	
35		- This work was partly supported by the National Science Foundation under Grant No. BCS1921735
36		-
37		- This work was partly supported by funds from the Department of Psychology at the University of Illinois Urbana-Champaign.
38		-
	3	+ This work was supported by a 2019 grant from the National Science Foundation to Simona Buetti (PI) under award number BCS1921735 (Hummel and Lleras, Co-PIs), CompCog: Template Content and Saliency (TCAS) Toolbox: a tool to visualize parallel attentive evaluation of scenes.
39	4	
	5	+ # CASPER 2.0
	6	+ # CASPER Model of visual search
	7	+ # Concurrent Attention: Serial and Parallel Evaluation with Relations
	8	+ Conceptualization: Simona Buetti, John E Hummel, Alejandro Lleras, and Rachel F Heaton .
	9	+ Software: John E Hummel and Rachel F Heaton.
40	10	
41	11	# To run this code:
42	12	
43	13	1. Install Python 3.
44		-
45	14	2. Make sure that pygame is installed
46		-
47	15	3. Open a terminal and use your Python 3 interpreter to run MainInterface.py in the directory where you have downloaded the code and follow the prompts.

48	16	For example:
49		–
50	17	python3 ./mainInterface.py