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- This model of visual search was first developed and written by John E Hummel in 2018.
- The model was subsequently developed and written by Rachel F Heaton.
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- This model extends and replaces an earlier version of the model found at https://github.com/rachelfheaton/search-model
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- # If this work is used in academic research, please cite:
- Heaton, R.F. (2023) A computational model of serial and parallel processing in visual search.
- https://arxiv.org/abs/2310.10061
-
- and the persistent DOI in the README.md file in this repository
-
- <a href="https://zenodo.org/doi/10.5281/zenodo.10005691"><img src="https://zenodo.org/badge/686478617.svg" alt="DOI"></a>
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  # Acknowledgements

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+ 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 Contrast and Saliency (TCAS) Toolbox: a tool to visualize parallel attentive evaluation of scenes.

+ # CASPER 2.0
+ # CASPER Model of visual search
+ # Concurrent Attention: Serial and Parallel Evaluation with Relations
+ Conceptualization: Simona Buetti, John E Hummel, Alejandro Lleras, and Rachel F Heaton .
+ Software: John E Hummel and Rachel F Heaton.

  # To run this code:

  1. Install Python 3.
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  2. Make sure that pygame is installed
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  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.
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