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## 2023

*Cui, A. Y., Lleras, A., & Buetti S. (in press). Complex background information slows down parallel search efficiency by reducing the strength of inter-item interactions.*

*Bogdan, P., Dolcos, S., Buetti, S., Lleras, A., & Dolcos, F. (in press). Investigating the Suitability of Online Eye-Tracking for Psychological Research: Evidence from Comparisons with In-Person Data Using Emotion-Attention Interaction Tasks. Behavior Research Methods.*

*Bogdan, P., Dolcos, S., Federmeier, K., Lleras, A., Schwab, H., & Dolcos, F. (in press). Emotional Dissociations in Temporal Associations: Opposing Effects of Arousal on Memory for Details Surrounding Unpleasant Events. Emotion and Cognition.*



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# Acknowledgements

This work was supported by a 2019 grant from the National Science Foundation to Simona Buetti (PI) der 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.
2. Make sure that pygame is installed
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.  
For example: `python3 ./mainInterface.py`

### Packages

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### Contributors 2



simonabuetti

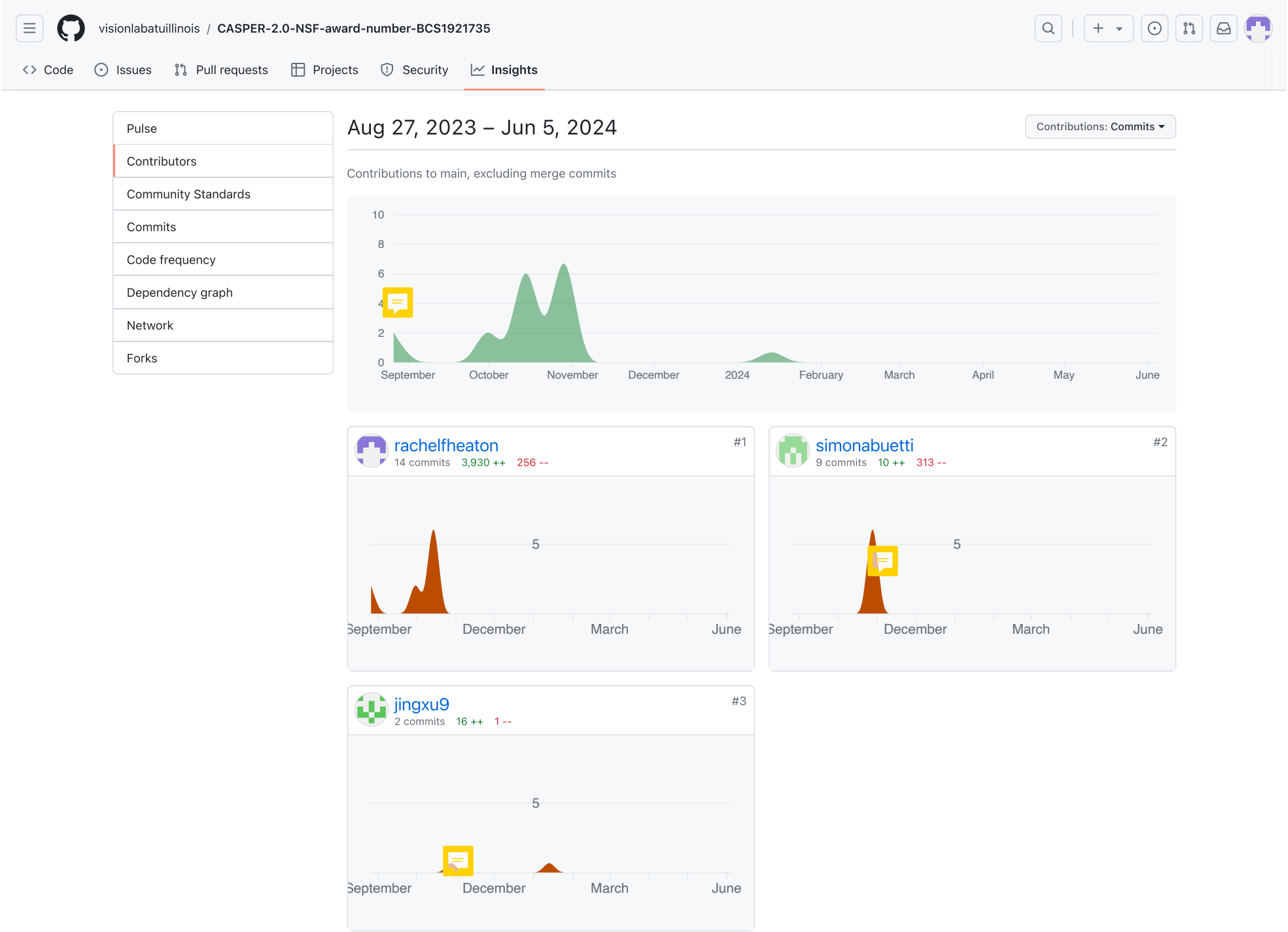


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● Python 100.0%



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