

PUBLICATIONS

Below is a list of our more recent publications

If you'd like a PDF reprint of one of these articles

[Follow this link to access Simona Buetti's reprint archive](#)

[Follow this link to access Alejandro Lleras's reprint archive](#)

[Link to Vision Lab GitHub page](#)

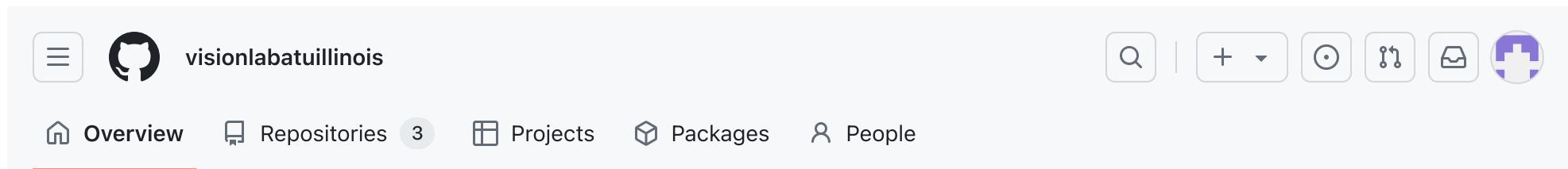


2023

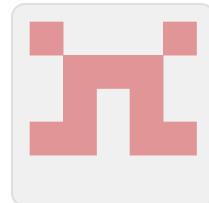
Cui, A. Y., Lleras, A., & Buetti S. (in press). Complex background information slows down parallel search efficiency by reducing the strength of inter-item interactions.

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.



The GitHub organization header for "visionlabatuiillinois" includes the repository count (3), search bar, and various navigation icons.



Vision Lab

[🔗 https://psychology.illinois.edu/](https://psychology.illinois.edu/)

[Follow](#)

Popular repositories

[V1-salience-model-NSF-award-number-BCS1921735](#)

Model of visual salience conceptualized by Simona Buetti, John E Hummel, Alejandro Lleras, and Rachel F Heaton. Software written by John E Hummel and Rachel F Heaton.



Python

[CASPER-1.0_NSF-award-number-BCS1921735](#)

Model of visual search conceptualized by Simona Buetti, John E Hummel, Alejandro Lleras, and Rachel F Heaton. Software written by John E Hummel and Rachel F Heaton.

Python

People

This organization has no public members. You must be a member to see who's a part of this organization.

Top languages

Python

[Report abuse](#)

CASPER-2.0-NSF-award-number -BCS1921735

Model of visual search conceptualized by Simona Buetti, John E Hummel, Alejandro Lleras, and Rachel F Heaton. Software written by John E Hummel and Rachel F Heaton.

Python

Repositories

Find a repository...

Type ▾

Language ▾

Sort ▾

V1-salience-model-NSF-award-number-BCS1921735

Public

Model of visual salience conceptualized by Simona Buetti, John E Hummel, Alejandro Lleras, and Rachel F Heaton. Software written by John E Hummel and Rachel F Heaton.



Python ⭐ 0 🏷 0 ⚙ 0 Updated on Jan 18

CASPER-2.0-NSF-award-number-BCS1921735

Public

Model of visual search conceptualized by Simona Buetti, John E Hummel, Alejandro Lleras, and Rachel F Heaton. Software written by John E Hummel and Rachel F Heaton.



Python ⭐ 0 🏷 0 ⚙ 0 Updated on Jan 18

CASPER-1.0_NSF-award-number-BCS1921735

Public

Model of visual search conceptualized by Simona Buetti, John E Hummel, Alejandro Lleras, and Rachel F Heaton. Software written by John E Hummel and Rachel F Heaton.



Python ⭐ 0 💡 0 ⚙ 0 Updated on Jan 18

visionlabatuiillinois / V1-salience-model-NSF-award-number-BCS1921735

Code Issues Pull requests Projects Security Insights

Pulse Contributors Community Standards Commits Code frequency Dependency graph Network Forks

Oct 8, 2023 – Jun 5, 2024 Contributions: Commits ▾

Contributions to main, excluding merge commits

#1 rachelfheaton 31 commits 1,485 ++ 179 --

#2 simonabuetti 10 commits 19 ++ 319 --

#3 jingxu9 2 commits 15 ++ 1 --

[Code](#)[Issues](#)[Pull requests](#)[Projects](#)[Security](#)[Insights](#)

Activity

[All branches](#)[All activity](#)[All users](#)[All time](#)

Showing most recent first ▾

Create CITATION.cff	...
jingxu9 pushed 1 commit to main · b5bb362...471e768 · on Jan 18	
Deleted tag	...
simonabuetti deleted refs/tags/v1.0.1 on Nov 3, 2023	
Update README.md	...
simonabuetti pushed 1 commit to main · 0124c1f...b5bb362 · on Nov 3, 2023	
Update trig.py	...
simonabuetti pushed 1 commit to main · 6913a55...0124c1f · on Nov 3, 2023	
Update runfilters_contrast.py	...
simonabuetti pushed 1 commit to main · 5213aa8...6913a55 · on Nov 3, 2023	
Update constants_4.py	...
simonabuetti pushed 1 commit to main · 144802f...5213aa8 · on Nov 3, 2023	
Update README.txt	...
simonabuetti pushed 1 commit to main · e38280c...144802f · on Nov 3, 2023	
Update README.md	...
simonabuetti pushed 1 commit to main · e1c475e...e38280c · on Nov 3, 2023	
Update README.md	...
simonabuetti pushed 1 commit to main · 63a8092...e1c475e · on Nov 3, 2023	
Update README.md	...
simonabuetti pushed 1 commit to main · 74bd284...63a8092 · on Nov 3, 2023	
Delete LICENSE	...
simonabuetti pushed 1 commit to main · c9664fd...74bd284 · on Nov 3, 2023	

Update NOTICE.txt

...

 simonabuetti pushed 1 commit to [main](#) • 59da58a...c9664fd • on Nov 3, 2023**Update README.md**

...

 jingxu9 pushed 1 commit to [main](#) • 4b51586...59da58a • on Nov 2, 2023**Update README.md**

...

 jingxu9 created [main](#) • 4b51586 • on Oct 30, 2023[Share feedback](#)

visionlabatuiillinois / **V1-salience-model-NSF-award-number-BCS1921735**

Code Issues Pull requests Projects Security Insights

Commit

Update README.md

main

rachelfheaton committed on Oct 10, 2023

1 parent [0fe6a64](#) commit [4b51586](#)

[Browse files](#)

Showing 1 changed file with 1 addition and 0 deletions.

[Whitespa...](#)

[Ignore whitespace](#)

[Split](#)

[Unifi...](#)

123 123 |

124 124 |

126 + **# Acknowledgements**

127 127 | This material is based upon work supported by the National Science Foundation

under Grant No. BCS1921735

128 128 |

129 129 | This research is part of the Blue Waters sustained-petascale computing project,

which is supported by the National Science Foundation (awards OCI-0725070 and

ACI-1238993) the State of Illinois, and as of December, 2019, the National

Geospatial-Intelligence Agency. Blue Waters is a joint effort of the University

of Illinois at Urbana-Champaign and its National Center for Supercomputing

Applications.

0 comments on commit [4b51586](#)

Write Preview

H B I <> | | @

Leave a comment

6/5/24, 11:10 PM

Update README.md · visionlabatuiillinois/V1-salience-model-NSF-award-number-BCS1921735@4b51586

 Markdown is supported

 Paste, drop, or click to add files

[Comment on this commit](#)

visionlabatuiillinois / **V1-salience-model-NSF-award-number-BCS1921735**

Code Issues Pull requests Projects Security Insights

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: 4b5158693912041d516b6ab...



compare: 59da58a427df4ec3d9b4918...

...

- 1 commit

+ 1 file changed

1 contributor

Commits on Nov 2, 2023

Update README.md

jingxu9 committed on Nov 2, 2023

Verified



59da58a



Showing 1 changed file with 2 additions and 1 deletion.

Split Unified

3		README.md
...	...	@@ -1,5 +1,6 @@
1	1	# salience-model
2		- A model of visual salience written and developed by Rachel F Heaton and John E Hummel
	2	+ # Conceptualization: Simona Buetti, John E Hummel, Alejandro Lleras, and Rachel F Heaton .
	3	+ # Software: John E Hummel and Rachel F Heaton .
3	4	
4	5	* Copyright 2023 The Board of Trustees of the University of Illinois. All Rights Reserved.
5	6	* Licensed under the terms of the Apache License 2.0 license (the "License")

visionlabatuiillinois / **V1-salience-model-NSF-award-number-BCS1921735**

Code Issues Pull requests Projects Security Insights

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: 59da58a427df4ec3d9b491843be96838391d867c... ▾



compare: c9664fd289cb8f434e90ce5c31a1f3068d626242... ▾

...

- 1 commit

1 file changed

1 contributor

Commits on Nov 3, 2023

Update NOTICE.txt



simonabuetti committed on Nov 3, 2023

Verified



c9664fd



Showing 1 changed file with 1 addition and 2 deletions.

Split

Unified

3 3 NOTICE.txt □

@@ -1,5 +1,4 @@

1 - This model of visual salience was written and developed by Rachel F Heaton and John E Hummel.

2 - If this work is used in scientific research please cite the persistent DOI attached to this repository.

1 + Model of visual search conceptualized by Simona Buetti, John E Hummel, Alejandro Lleras, and Rachel F Heaton. Software written by John E Hummel and Rachel F Heaton.

3 2

4 3 This model was benchmarked on the MIT/Tuebingen Saliency benchmarks as

5 4 CASPER V1 Salience



visionlabatuiillinois /

V1-salience-model-NSF-award-number-BCS1921735

[Code](#)[Issues](#)[Pull requests](#)[Projects](#)[Security](#)[Insights](#)

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: c9664fd289cb8f434e90ce5...



compare: 74bd284d1f747f118bc4c6c9...

...

-o 1 commit

± 1 file changed

🔗 1 contributor

Commits on Nov 3, 2023

Delete LICENSE

simonabuetti committed on Nov 3, 2023

Verified



74bd284

**Showing 1 changed file with 0 additions and 201 deletions.**[Split](#)[Unified](#)

▼ 201 🔴🔴🔴🔴 LICENSE ↗

**Load diff**

This file was deleted.



visionlabatuiillinois /

V1-salience-model-NSF-award-number-BCS1921735

[Code](#)[Issues](#)[Pull requests](#)[Projects](#)[Security](#)[Insights](#)

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: 74bd284d1f747f118bc4c6c9f4a7143f41273443...



compare: 63a8092b8ffa068967fd6d4ec2324bb8d2031044...

...

-o 1 commit

± 1 file changed

🔗 1 contributor

-o Commits on Nov 3, 2023

Update README.md

simonabuetti committed on Nov 3, 2023

Verified



63a8092

**Showing 1 changed file with 12 additions and 36 deletions.**[Split](#)[Unified](#)

▼ ⌂ 48 README.md



...	...	@@ -1,22 +1,17 @@
1		- # salience-model
2		- # Conceptualization: Simona Buetti, John E Hummel, Alejandro Lleras, and Rachel F Heaton .
3		- # Software: John E Hummel and Rachel F Heaton.
4		-
5		- * Copyright 2023 The Board of Trustees of the University of Illinois. All Rights Reserved.
6		- * Licensed under the terms of the Apache License 2.0 license (the "License")
7		- * The License is included in the distribution as License.txt file.
8		- * You may not use this file except in compliance with the License.
9		- * Software distributed under the License is distributed on an "AS IS" BASIS,
10		- * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
11		- * See the License for the specific language governing permissions and limitations under the License.
12		-
13		- # *****
14		- # Model of V1-based salience
15		- # Developed and written by Rachel F Heaton and John E Hummel
16		- # *****

```

1 + # Acknowledgements
2 + This work was supported by a 2019 grant from the National Science Foundation
   to Simona Buetti (PI) under award number [BCS1921735]
   (https://www.nsf.gov/awardsearch/showAward?AWD\_ID=1921735&HistoricalAwards=false) (Hummel and Lleras, Co-PIs),
   CompCog: Template Contrast and Saliency (TCAS)  toolbox: a tool to visualize
   parallel attentive evaluation of scenes.
3 + This research is part of the Blue Waters sustained-petascale computing
   project, which is supported by the National Science Foundation (awards OCI-
   0725070 and ACI-1238993) the State of Illinois, and as of December, 2019,
   the National Geospatial-Intelligence Agency. Blue Waters is a joint effort
   of the University of Illinois at Urbana-Champaign and its National Center
   for Supercomputing Applications.
4 +
5 + # V1-salience-model
6 + Conceptualization: Simona Buetti, John E Hummel, Alejandro Lleras, and
   Rachel F Heaton . 
7 + Software: John E Hummel and Rachel F Heaton.
8 + This model was benchmarked on the MIT/Tuebingen Saliency benchmarks as
9 + CASPER V1 Salience
10 + https://saliency.tuebingen.ai/results.html

17 11
18 12 - # This code dynamically links Pillow which requires the following
      information to be included in any redistributions or uses:
19 13
20 15 + # This code dynamically links Pillow which requires the following
      information to be included in any redistributions or uses:
21 16 The Python Imaging Library (PIL) is
22 17 Copyright © 1997–2011 by Secret Labs AB
23 18 Copyright © 1995–2011 by Fredrik Lundh
24 19 PERFORMANCE OF THIS SOFTWARE.
25 20 # This code dynamically links numpy which requires the following information
      to be included in any redistributions or uses:
26 21 -
27 22 Copyright (c) 2005–2023, NumPy Developers.
28 23 All rights reserved.
29 24
30 25 OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
31 26
32 27 # This code dynamically links MPI which requires the following information
      to be included in any redistributions or uses:
33 28 -
34 29 =====
35 30 LICENSE: MPI for Python
36 31 =====
37 32 (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE
38 33 OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
39 34

```




visionlabatuiillinois /

V1-salience-model-NSF-award-number-BCS1921735

[Code](#)[Issues](#)[Pull requests](#)[Projects](#)[Security](#)[Insights](#)

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: 63a8092b8ffa068967fd6d4...



compare: e1c475e15697a6ba309753e...

...

-o 1 commit

± 1 file changed

🔗 1 contributor

-o Commits on Nov 3, 2023

Update README.md

simonabuetti committed on Nov 3, 2023

Verified



e1c475e



Showing 1 changed file with 2 additions and 1 deletion.

[Split](#) [Unified](#)

⌄ 3 README.md

... ... @@ -1,6 +1,7 @@

1 1 **# Acknowledgements**

2 2 This work was supported by a 2019 grant from the National Science Foundation to Simona Buetti (PI) under award number [BCS1921735]

https://www.nsf.gov/awardsearch/showAward?AWD_ID=1921735&HistoricalAwards=false

(Hummel and Lleras, Co-PIs), CompCog: Template Contrast and Saliency (TCAS) Toolbox: a tool to visualize parallel attentive evaluation of scenes.

3 - This research is part of the Blue Waters sustained-petascale computing project, which is supported by the National Science Foundation (awards OCI-0725070 and ACI-1238993) the State of Illinois, and as of December, 2019, the National Geospatial-Intelligence Agency. Blue Waters is a joint effort of the University of Illinois at Urbana-Champaign and its National Center for Supercomputing Applications.

3 +

4 + This research is part of the Blue Waters sustained-petascale computing project, which is supported by the National Science Foundation (awards OCI-0725070 and ACI-1238993) the State of Illinois and the National Geospatial-Intelligence Agency. Blue Waters is a joint effort of the University of

		Illinois at Urbana-Champaign and its National Center for Supercomputing Applications.
4	5	
5	6	# V1-salience-model
6	7	Conceptualization: Simona Buetti, John E Hummel, Alejandro Lleras, and Rachel F Heaton .

visionlabatuiillinois / **V1-salience-model-NSF-award-number-BCS1921735**

Code Issues Pull requests Projects Security Insights

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: e1c475e15697a6ba309753e... ▾ ← compare: e38280c7c6eba4fccbef7c5e... ▾ ...

-o 1 commit 1 file changed 1 contributor

Commits on Nov 3, 2023

Update README.md Verified e38280c ↗ ↘

 simonabuetti committed on Nov 3, 2023

Showing 1 changed file with 0 additions and 2 deletions. Split Unified

2 README.md ↗

10	10	CASPER V1 Salience
11	11	https://saliency.tuebingen.ai/results.html
12	12	
13		-
14		-
15	13	# This code dynamically links Pillow which requires the following information to be included in any redistributions or uses:
16	14	The Python Imaging Library (PIL) is
17	15	Copyright © 1997–2011 by Secret Labs AB

visionlabatuiillinois / **V1-salience-model-NSF-award-number-BCS1921735**

[Code](#) [Issues](#) [Pull requests](#) [Projects](#) [Security](#) [Insights](#)

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: e38280c7c6eba4fccbef7c5e...



compare: 144802f79eb7127408d4028...

...

-o 1 commit

± 1 file changed

🔗 1 contributor

-o Commits on Nov 3, 2023

Update README.txt



simonabuetti committed on Nov 3, 2023

Verified



144802f



Showing 1 changed file with 0 additions and 23 deletions.

Split

Unified

-v 23 README.txt

... ... @@ -1,26 +1,3 @@

```
1 -## Copyright 2023 The Board of Trustees of the University of Illinois. All
2 -# Rights Reserved.
3 -#
4 -# * Licensed under the terms of the Apache License 2.0 license (the "License")
5 -#
6 -# * The License is included in the distribution as License.txt file.
7 -#
8 -# * You may not use this file except in compliance with the License.
9 -#
10 -# * Software distributed under the License is distributed on an "AS IS" BASIS,
11 -#
12 -# * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
13 -#
14 -# * See the License for the specific language governing permissions and
15 -# limitations under the License.
16 -
```




visionlabatuiillinois /

V1-salience-model-NSF-award-number-BCS1921735

[Code](#)[Issues](#)[Pull requests](#)[Projects](#)[Security](#)[Insights](#)

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: 144802f79eb7127408d4028...



compare: 5213aa8da29bc159e6ce149...

...

-o 1 commit

± 1 file changed

🔗 1 contributor

-o Commits on Nov 3, 2023

Update constants_4.py



simonabuetti committed on Nov 3, 2023

Verified



5213aa8



Showing 1 changed file with 0 additions and 17 deletions.

[Split](#)[Unified](#)

▼ 17 □□□□□ constants_4.py □

... ... @@ -1,22 +1,5 @@

```
1 - #* Copyright 2023 The Board of Trustees of the University of Illinois. All
2 - # Rights Reserved.
3 - #
4 - # * Licensed under the terms of the Apache License 2.0 license (the
5 - # "License")
6 - #
7 - # * The License is included in the distribution as License.txt file.
8 - #
9 - # * You may not use this file except in compliance with the License.
10 - #
11 - # * Software distributed under the License is distributed on an "AS IS"
12 - # BASIS,
13 - #
14 - # * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied.
- #
- # * See the License for the specific language governing permissions and
limitations under the License.
-
```

```
15      -
16      -
17      1      # * * * * * * * * * * * * * * * * * * * * * *
18      2      * * * * * * * * * * * * * * * * * * * *
19      -      # Parameters for the Model of V1-based salience
20      3      - # Developed and written by Rachel F. Ratton and John E. Hummel
21      4      * * * * * * * * * * * * * * * * * * * *
22      5      * * * * * * * * * * * * * * * * * * *
```



visionlabatuiillinois /

V1-salience-model-NSF-award-number-BCS1921735



Code

Issues

Pull requests

Projects

Security

Insights

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: 5213aa8da29bc159e6ce149...



compare: 6913a558e6aabadd38e5651...

...

-o 1 commit

± 1 file changed

🔗 1 contributor

Commits on Nov 3, 2023

Update runfilters_contrast.py

simonabuetti committed on Nov 3, 2023

Verified



6913a55



Showing 1 changed file with 0 additions and 14 deletions.

Split Unified

▼ ⌂ 14 ████ runfilters_contrast.py □

... ... @@ -1,16 +1,3 @@

```
1 - #* Copyright 2023 The Board of Trustees of the University of Illinois. All
2 - # Rights Reserved.
3 - #
4 - # * Licensed under the terms of the Apache License 2.0 license (the
5 - # "License")
6 - #
7 - # * The License is included in the distribution as License.txt file.
8 - #
9 - # * You may not use this file except in compliance with the License.
10 - #
11 - # * Software distributed under the License is distributed on an "AS IS"
12 - # BASIS,
13 - #
14 - # * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied.
- #
- # * See the License for the specific language governing permissions and
limitations under the License.
```

```
15    2      # This code dynamically links Pillow which requires the following
           information to be included in any redistributions or uses:
16    3
120   107
121   108      # * * * * * * * * * * * * * * * * * * * * * *
           * * * * * * * * * * * * * * * * * * * *
122   109      # Model of V1-based salience
123   110      - # Developed and written by Rachel F Heaton and John E Hummel
124   111
125   112
```



visionlabatuiillinois /

V1-salience-model-NSF-award-number-BCS1921735

[Code](#)[Issues](#)[Pull requests](#)[Projects](#)[Security](#)[Insights](#)

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: 6913a558e6aabadd38e5651...



compare: 0124c1f8adefb7e8a82873b5...

...

-o 1 commit



1 file changed



1 contributor

-o Commits on Nov 3, 2023

Update trig.py



simonabuetti committed on Nov 3, 2023

Verified



0124c1f



Showing 1 changed file with 0 additions and 23 deletions.

Split

Unified

-v 23 trig.py

...

...

@@ -1,28 +1,5 @@

1

- #* Copyright 2023 The Board of Trustees of the University of Illinois. All
Rights Reserved.

2

- #
- # * Licensed under the terms of the Apache License 2.0 license (the
"License")

3

- #

- # * The License is included in the distribution as License.txt file.

4

- #

- # * You may not use this file except in compliance with the License.

5

- #

- # * Software distributed under the License is distributed on an "AS IS"
BASIS,

6

- #

- # * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied.

7

- #

- # * See the License for the specific language governing permissions and
limitations under the License.

8

1

```
15 | 2
16 | -
17 | - # **** * * * * * * * * * * * * * * * * * * * * * * * * * * * *
18 | - # Trig functions written by John E Hummel
19 | - # **** * * * * * * * * * * * * * * * * * * * * * * * * * * * *
20 | - # trig.py
21 | - # a set of routines for performing various trig operations on vectors
22 | - # these routines are defined for list types, not vector types
23 | - #   reason: list types are Much more flexible! 
24 | - # John Hummel, 1/16/08
25 | -
26 | 3 import math
27 | 4
28 | 5 def sqr(value):
```

visionlabatuiillinois / **V1-salience-model-NSF-award-number-BCS1921735**

<> Code Issues Pull requests Projects Security Insights

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: 0124c1f8adefb7e8a82873b5... ▾ ← compare: b5bb36267201d9bce509a5... ▾ ...

-o 1 commit 1 file changed 1 contributor

Commits on Nov 3, 2023

Update README.md Verified simonabuetti committed on Nov 3, 2023

Showing 1 changed file with 4 additions and 0 deletions. Split Unified

4 README.md

10	10	CASPER V1 Salience
11	11	https://saliency.tuebingen.ai/results.html
12	13	+ # If this work is used in academic research, please cite
	14	+ Heaton, R. F., Buetti, S., Lleras, A., & Hummel, J. E. (2021). Visual salience maps based on V1 blob cells. 62nd Annual Meeting of the Psychonomic Society.
	15	+ Heaton, R. F., Hummel, J. E., Lleras, A., & Buetti, S. (2023). Cortical Magnification, Not Summary Statistics, Explains Information Loss in Peripheral Vision. 31st Annual meeting of the Object Perception, Attention, and Memory conference.
	16	+
13	17	# This code dynamically links Pillow which requires the following information to be included in any redistributions or uses:
14	18	The Python Imaging Library (PIL) is
15	19	Copyright © 1997–2011 by Secret Labs AB

 visionlabatuiillinois / **V1-salience-model-NSF-award-number-BCS1921735**

[Code](#) [Issues](#) [Pull requests](#) [Projects](#) [Security](#) [Insights](#)

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: b5bb36267201d9bce509a5...



compare: 471e768528d5447287fee64...

...

-o 1 commit

± 1 file changed

🔗 1 contributor

-o Commits on Jan 18, 2024

Create CITATION.cff

jingxu9 committed on Jan 18

Verified



471e768



Showing 1 changed file with 13 additions and 0 deletions.

Split

Unified

-v 13 CITATION.cff

...

...

@@ -0,0 +1,13 @@

```
1 + cff-version: 1.2.0
2 + message: "If you use this software, please cite it as below."
3 + authors:
4 + - family-names: "Heaton"
5 +   given-names: "Rachel"
6 + - family-names: "Hummel"
7 +   given-names: "John"
8 + - family-names: "Lleras"
9 +   given-names: "Alejandro"
10 + - family-names: "Buetti"
11 +   given-names: "Simona"
12 + title: "V1-salience-model" 
13 + url: "https://github.com/visionlabatuiillinois/V1-salience-model-NSF-award-number-BCS1921735"
```



visionlabatuiillinois /
V1-salience-model-NSF-award-number-BCS1921735

[Code](#)[Issues](#)[Pull requests](#)[Projects](#)[Security](#)[Insights](#)

Commits

History for

[V1-salience-model-NSF-award-number-BCS1921735](#) / [CITATION.cff](#)

on [main](#)

[All users](#) ▾

[All time](#) ▾

-o Commits on Jan 18, 2024

Create CITATION.cff

[Verified](#)

...

jingxu9 committed 5 months ago

-o End of commit history for this file

visionlabatuiillinois /
V1-salience-model-NSF-award-number-BCS1921735[Code](#)[Issues](#)[Pull requests](#)[Projects](#)[Security](#)[Insights](#)

Commits

History for

[V1-salience-model-NSF-award-number-BCS1921735 / constants_4.py](#)on [main](#)[All users](#) ▾[All time](#) ▾

-o Commits on Nov 3, 2023

Update constants_4.py

[Verified](#)

...

simonabuetti committed 8 months ago

-o Commits on Oct 10, 2023

Update license information

[Verified](#)

...

rachelfheaton committed 8 months ago

Upload constants file

[Verified](#)

...

rachelfheaton committed 8 months ago

-o End of commit history for this file



visionlabatuiillinois /

V1-salience-model-NSF-award-number-BCS1921735[Code](#)[Issues](#)[Pull requests](#)[Projects](#)[Security](#)[Insights](#)

Commits

History for

[V1-salience-model-NSF-award-number-BCS1921735](#) / [data](#) / [completed_runs](#) / [testruni2257756967.jpeg](#)on [main](#)[All users](#) ▾[All time](#) ▾

-o Commits on Oct 10, 2023

Add license information

[Verified](#)

rachelfheaton committed 8 months ago



...

-o End of commit history for this file



visionlabatuiillinois /

V1-salience-model-NSF-award-number-BCS1921735[Code](#)[Issues](#)[Pull requests](#)[Projects](#)[Security](#)[Insights](#)

Commits

History for

[V1-salience-model-NSF-award-number-BCS1921735](#) / [data](#) / [input_images](#) /[testruni2257756967.jpeg](#)on [main](#)[All users](#) ▾[All time](#) ▾

-o Commits on Oct 10, 2023

Add files via upload

[Verified](#)

...

rachelfheaton committed 8 months ago

-o End of commit history for this file

visionlabatuiillinois /
V1-salience-model-NSF-award-number-BCS1921735[Code](#)[Issues](#)[Pull requests](#)[Projects](#)[Security](#)[Insights](#)

Commits

History for

[V1-salience-model-NSF-award-number-BCS1921735 / NOTICE.txt](#)on [main](#)[All users](#) ▾[All time](#) ▾

-o Commits on Nov 3, 2023

Update NOTICE.txt

[Verified](#)

...

simonabuetti committed 8 months ago

-o Commits on Oct 10, 2023

Update NOTICE.txt

[Verified](#)

...

rachelfheaton committed 8 months ago

Update NOTICE.txt

[Verified](#)

...

rachelfheaton committed 8 months ago

Add license information

[Verified](#)

...

rachelfheaton committed 8 months ago

-o End of commit history for this file

visionlabatuiillinois /
V1-salience-model-NSF-award-number-BCS1921735[Code](#)[Issues](#)[Pull requests](#)[Projects](#)[Security](#)[Insights](#)

Commits

History for

[V1-salience-model-NSF-award-number-BCS1921735 / README.md](#)on [main](#)[All users](#) ▾[All time](#) ▾

-o Commits on Nov 3, 2023

Update README.md

[Verified](#)

...

simonabuetti committed 8 months ago

Update README.md

[Verified](#)

...

simonabuetti committed 8 months ago

Update README.md



...

[Verified](#)

simonabuetti committed 8 months ago

Update README.md

[Verified](#)

...

simonabuetti committed 8 months ago

-o Commits on Nov 2, 2023

Update README.md

[Verified](#)

...

jingxu9 committed 8 months ago

-o Commits on Oct 10, 2023

Update README.md

[Verified](#)

...

rachelfheaton committed 8 months ago

Update README.md

Verified

 rachelfheaton committed 8 months ago

...

Update README.md

Verified

 rachelfheaton committed 8 months ago

...

Update README.md

Verified

 rachelfheaton committed 8 months ago

...

Update README.md

Verified

 rachelfheaton committed 8 months ago

...

Update README.md

Verified

 rachelfheaton committed 8 months ago

...

Update README.md

Verified

 rachelfheaton committed 8 months ago

...

Update README.md

Verified

 rachelfheaton committed 8 months ago

...

Update README.md

Verified

 rachelfheaton committed 8 months ago

...

Update README.md

Verified

 rachelfheaton committed 8 months ago

...

Update README.md

Verified

 rachelfheaton committed 8 months ago

...

Update README.md

Verified

 rachelfheaton committed 8 months ago

...

Update README.md

Verified

 rachelfheaton committed 8 months ago

...

Update README.md

Verified

 rachelfheaton committed 8 months ago

...

Update README.md

Verified

 rachelfheaton committed 8 months ago

...

Update README.md

Verified

 rachelfheaton committed 8 months ago

...

Update README.md

Verified

 rachelfheaton committed 8 months ago

...

Update README.md

Verified

 rachelfheaton committed 8 months ago

...

Update README.md

Verified

 rachelfheaton committed 8 months ago

...

Update README.md

Verified

 rachelfheaton committed 8 months ago

...

Update README.md

Verified

 rachelfheaton committed 8 months ago

...

Initial commit

Verified

 rachelfheaton committed 8 months ago

...

-o End of commit history for this file

visionlabatuiillinois /
V1-salience-model-NSF-award-number-BCS1921735[Code](#)[Issues](#)[Pull requests](#)[Projects](#)[Security](#)[Insights](#)

Commits

History for

[V1-salience-model-NSF-award-number-BCS1921735 / README.txt](#)on [main](#)[All users](#) ▾[All time](#) ▾

-o Commits on Nov 3, 2023

Update README.txt

[Verified](#)

...

simonabuetti committed 8 months ago

-o Commits on Oct 10, 2023



Update README.txt

[Verified](#)

...

rachelfheaton committed 8 months ago

Add license information

[Verified](#)

...

rachelfheaton committed 8 months ago

Add files via upload

[Verified](#)

...

rachelfheaton committed 8 months ago

-o End of commit history for this file

visionlabatuiillinois /
V1-salience-model-NSF-award-number-BCS1921735[Code](#)[Issues](#)[Pull requests](#)[Projects](#)[Security](#)[Insights](#)

Commits

History for

[V1-salience-model-NSF-award-number-BCS1921735](#) / [runfilters_contrast.py](#)on [main](#)[All users](#) ▾[All time](#) ▾

-o Commits on Nov 3, 2023

Update runfilters_contrast.py

[Verified](#)

...

simonabuetti committed 8 months ago

-o Commits on Oct 10, 2023



Update license information

[Verified](#)

...

rachelfheaton committed 8 months ago

Add license information

[Verified](#)

...

rachelfheaton committed 8 months ago

Add first files

[Verified](#)

...

rachelfheaton committed 8 months ago

-o End of commit history for this file



visionlabatuiillinois /

V1-salience-model-NSF-award-number-BCS1921735[Code](#)[Issues](#)[Pull requests](#)[Projects](#)[Security](#)[Insights](#)

Commits

History for

[V1-salience-model-NSF-award-number-BCS1921735 / trig.py](#)on [main](#)[All users](#) ▾[All time](#) ▾

-o Commits on Nov 3, 2023

Update trig.py

[Verified](#)

...

simonabuetti committed 8 months ago

-o Commits on Oct 10, 2023

Add license information



...

[Verified](#)

rachelfheaton committed 8 months ago

Add first files

[Verified](#)

...

rachelfheaton committed 8 months ago

-o End of commit history for this file

