CODECHECK certificate 2020-XYZ

https://doi.org/10.5281/zenodo.FIXME

Item	Value
Title	The principal components of natural images
Authors	Samuel Langton , Stijn Ruiter, Tim Verlaan
Reference	https://doi.org/10.1080/15614263.2022.2102494
Codechecker	Joey Tang , Max Reichert
Date of check	2024-11-28 14:00:00
Summary	Downloaded the data and ran the necessary R scripts to generate the figures.
Repository	https://github.com/codecheckers/Reproduction-Hancock

Table 1: CODECHECK summary

Output	Comment	Size (b)
`visuals/fig1_time_tos.png`	figure 1	1217060

Table 2: Summary of output files generated

Summary

This code was (not) straightforward to codecheck. [… ADD MORE INTERESTING FINDINGS HERE..]

CODECHECKER notes

The GitHub repo … Code was written in … I went through the following steps … One hard problem was … I added the following files … using tools/methods …

This took … minutes to complete on {a large workstation, my laptop}.

Recommendations

I suggest to the authors to consider the following suggestions for their next publication or workflow:

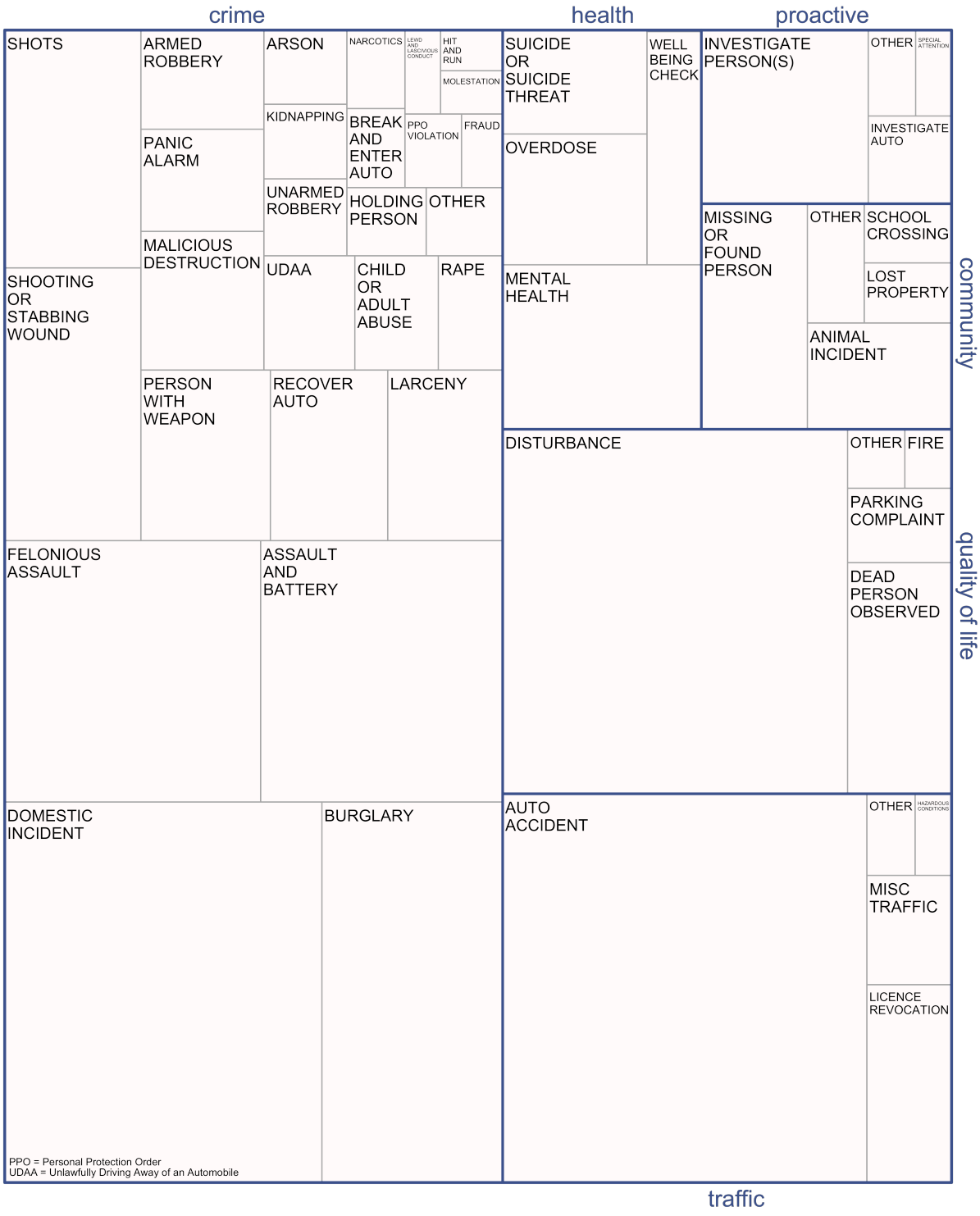
- …

(document here if any of the suggestions were taken up by the authors in the meantime - do not remove any, keep track of contributions via feedback)

Manifest files

fig1_time_tos.png

Comment: figure 1



Acknowledgements

I would like to thank Dr Bhatt and his team for promptly answering any queries I had with this reproduction. CODECHECK is financially supported by the Mozilla foundation.

Citing this document

Joey Tang, Max Reichert (2024). CODECHECK Certificate 2020-XYZ. Zenodo. https://doi.org/10.5281/zenodo.FIXME

About CODECHECK

This certificate confirms that the codechecker could independently reproduce the results of a computational analysis given the data and code from a third party. A CODECHECK does not check whether the original computation analysis is correct. However, as all materials required for the reproduction are freely available by following the links in this document, the reader can then study for themselves the code and data.

About this document

This document was created using R Markdown using the `codecheck` R package. `make codecheck.pdf` will regenerate the report file.

```
sessionInfo()
```

```
## R version 4.4.2 (2024-10-31)
## Platform: aarch64-apple-darwin20
## Running under: macOS Sequoia 15.1.1
##
## Matrix products: default
## BLAS:   /Library/Frameworks/R.framework/Versions/4.4-arm64/Resources/lib/libRblas.0.dylib
## LAPACK: /Library/Frameworks/R.framework/Versions/4.4-arm64/Resources/lib/libRlapack.dylib;  LAPACK v
##
## locale:
## [1] en_US.UTF-8/en_US.UTF-8/en_US.UTF-8/C/en_US.UTF-8/en_US.UTF-8
##
## time zone: Europe/Amsterdam
## tzcode source: internal
##
## attached base packages:
## [1] stats     graphics  grDevices utils     datasets
## [6] methods   base
##
## other attached packages:
##  [1] readr_2.1.5      tibble_3.2.1     xtable_1.8-4
##  [4] yaml_2.3.10      rprojroot_2.0.4  knitr_1.49
##  [7] codecheck_0.11.4 parsedate_1.3.1  R.cache_0.16.0
## [10] gh_1.4.1
##
## loaded via a namespace (and not attached):
##  [1] xfun_0.49         rdflib_0.2.9      tzdb_0.4.0
##  [4] vctrs_0.6.5       tools_4.4.2       generics_0.1.3
##  [7] parallel_4.4.2    curl_6.0.1        fansi_1.0.6
## [10] pkgconfig_2.0.3   pdftools_3.4.1    R.oo_1.27.0
## [13] redland_1.0.17-18 assertthat_0.2.1  lifecycle_1.0.4
```

```
## [16] compiler_4.4.2    atom4R_0.3-3      stringr_1.5.1
## [19] keyring_1.3.2     htmltools_0.5.8.1 pillar_1.9.0
## [22] crayon_1.5.3      whisker_0.4.1     tidyr_1.3.1
## [25] R.utils_2.12.3    cachem_1.1.0      zen4R_0.10
## [28] tidyselect_1.2.1  zip_2.3.1         digest_0.6.37
## [31] stringi_1.8.4     dplyr_1.1.4       purrr_1.0.2
## [34] fastmap_1.2.0     cli_3.6.3         magrittr_2.0.3
## [37] XML_3.99-0.17     crul_1.5.0        utf8_1.2.4
## [40] osfr_0.2.9        withr_3.0.2       bit64_4.5.2
## [43] roxygen2_7.3.2    rmarkdown_2.29    httr_1.4.7
## [46] bit_4.5.0         qpdf_1.3.4        askpass_1.2.1
## [49] R.methodsS3_1.8.2 hms_1.1.3         memoise_2.0.1
## [52] evaluate_1.0.1    rlang_1.1.4       Rcpp_1.0.13-1
## [55] glue_1.8.0        httpcode_0.3.0    xml2_1.3.6
## [58] fauxpas_0.5.2     rorcid_0.7.0      rstudioapi_0.17.1
## [61] vroom_1.6.5       jsonlite_1.8.9    plyr_1.8.9
## [64] R6_2.5.1          fs_1.6.5
```