Validation Report for validation

Eli Miller

2021-11-16

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1 Certifications

1.1 Signatures

 ${\bf AUTHOR}$ My signature designates authorship of this document.

| Role | Name and Title | Signature | Date |
|-----------------|-----------------------|-----------|------|
| Validation Lead | Eli Miller, Developer | | |

The effective date of this document is the last date of signature.

2 Release details

2.1 Package Information

2.1.1 Change Log

| Version | Effective Date | Activity Description |
|---------|----------------|--|
| 1.0 | 2021-11-09 | Validation release notes for version 1.0 |

2.1.2 Validation Environment

| Type | Resource | Version Detail |
|--------------|------------|------------------------|
| | OS | Ubuntu 18.04.5 LTS |
| system | R | 4.0.2 |
| | assertthat | 0.2.1 |
| | dplyr | 1.0.7 |
| | forcats | 0.5.1 |
| | lifecycle | 1.0.1 |
| | magrittr | 2.0.1 |
| package req | purrr | 0.3.4 |
| package_req | rlang | 0.4.12 |
| | stringr | 1.4.0 |
| | tibble | 3.1.5 |
| | tidyr | 1.1.4 |
| | tidyselect | 1.1.1 |
| | valtools | 0.4.0 |
| | devtools | 2.4.2 |
| | haven | 2.4.3 |
| | huxtable | 5.4.0 |
| | kableExtra | 1.3.4 |
| extended req | knitr | 1.36 |
| cxtchdcd_rcq | pharmaRTF | 0.1.4.0.0.0.1632772786 |
| | readr | 2.0.2 |
| | rmarkdown | 2.11 |
| | testthat | 3.1.0 |
| | tidyverse | 1.3.1 |
| session | Tplyr | 0.4.2 |
| BCBBIOII | usethis | 2.1.3 |

2.2 Authors

2.2.1 Requirements

| Requirement ID | Editor | Edit Date |
|----------------|------------|------------|
| CMD-Check | Eli Miller | 2021-11-09 |
| RBase | Eli Miller | 2021-11-16 |

2.2.2 Test Case Authors

| Test Case ID | Editor | Edit Date |
|----------------|------------|------------|
| CMD-Check-Case | Eli Miller | 2021-11-09 |
| RBase-case | Eli Miller | 2021-11-16 |

2.2.3 Test Code Authors

| Test Code ID | Editor | Edit Date |
|--------------|------------|------------|
| 1.1 | Eli Miller | 2021-11-09 |
| IQ-case | Eli Miller | 2021-11-16 |

2.3 Traceability

#> Warning in sort(as.numeric(unique(unlist(lapply(strsplit(out\$req_title, : NAs

#> introduced by coercion

| Requirement Name | Requirement ID | Test Case Name | Test Cases |
|------------------|----------------|----------------|------------|
| Requirement 1 | 1.1 | CMD-Check-Case | 1.1 |
| | IQ | RBase-case | IQ-case |

3 Validation

- 1.1 Package Tplyr must pass R CMD Check
- IQ: Base R installation must pass all native tests
- Setup: None
- $1.1~\mathrm{R}$ CMD Check runs with no errors or warnings for Tplyr
- Setup: tests folder must be populated in R_home
- IQ-case: tools::testInstalledBasic() returns 0

| Test | Results | Pass/Fail |
|-------|-------------|-----------|
| 1.1.1 | As expected | Pass |

| Test | Results | Pass/Fail |
|-----------|-------------|-----------|
| IQ-case.1 | As expected | Pass |