

Package: AssociationExplorer2 (via r-universe)

May 26, 2026

Title A User-Friendly 'shiny' Application for Exploring Associations and Visual Patterns

Version 0.1.6

Description A user-friendly 'shiny' application to explore statistical associations and visual patterns in multivariate datasets. The app provides interactive correlation networks, bivariate plots, and summary tables for different types of variables (numeric and categorical). It also supports optional survey weights and range-based filters on association strengths, making it suitable for the exploration of survey and public data by non-technical users, journalists, educators, and researchers. For background and methodological details, see Soetewey et al. (2025) <[doi:10.1016/j.softx.2025.102483](https://doi.org/10.1016/j.softx.2025.102483)>.

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URL <https://github.com/AntoineSoetewey/AssociationExplorer2>,
<https://antoinesoetewey.com/associationexplorer2/>

BugReports <https://github.com/AntoineSoetewey/AssociationExplorer2/issues>

Encoding UTF-8

Roxygen list(markdown = TRUE)

RoxygenNote 7.3.3

Depends R (>= 4.1.0)

Imports bslib, dplyr, forcats, ggplot2, grid, gridExtra, igraph, janitor, plotly, purrr, reactable, readr, readxl, scales, shiny, shinycssloaders, shinyjs, stringr, tibble, tidyr, tidygraph, visNetwork

Suggests knitr, rmarkdown, testthat (>= 3.0.0)

VignetteBuilder knitr

Config/testthat/edition 3

LazyData true

Config/pak/sysreqs

```
cmake libglpk-dev make libicu-dev libuv1-dev libxml2-dev libssl-dev libx11-dev zlib1g-dev
```

Repository <https://antoinesoetewey.r-universe.dev>

Date/Publication 2026-02-25 17:51:15 UTC

RemoteUrl <https://github.com/antoinesoetewey/associationexplorer2>

RemoteRef HEAD

RemoteSha 2876891d30f723ba18d02ed97c2f9310a6e0e4bc

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run_associationexplorer

Launch the AssociationExplorer2 Shiny Application

Description

This function launches the AssociationExplorer2 Shiny application in your default web browser. The app provides interactive tools for exploring statistical associations, correlation networks, bivariate visualizations, and summary tables, with optional support for survey weights and range-based filtering of association strengths.

Usage

```
run_associationexplorer(...)
```

Arguments

... Additional arguments passed to `shiny::runApp()`, such as `port` or `launch.browser`.

Value

The function is called for its side effect of launching the app.

Examples

```
if (interactive()) {
  run_associationexplorer()
}
```

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