Package: LifeTableBuilder (via r-universe)

October 30, 2026

Type Package

Title Interactive 'shiny' Application for Constructing Life Tables

Version 0.1.3

Description Provides an interactive 'shiny' application to construct stage-structured life tables from tabular input data. The application includes input validation, demographic calculations, visualization tools, and export of tables and figures to support reproducible workflows in ecological and entomological studies. Methods for life table construction follow classical demographic approaches described in Martinez (2015) <doi:10.13140/RG.2.2.21333.65760>.

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Encoding UTF-8

RoxygenNote 7.3.3

Imports shiny, DT, ggplot2, readxl, gridExtra

Suggests testthat (>= 3.0.0)

Config/testthat/edition 3

NeedsCompilation no

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Repository https://almarazkrae-4081.r-universe.dev

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`LifeTableBuilder` *Launch LifeTableBuilder*

Description

Convenience alias to run the Shiny application.

Usage

```
LifeTableBuilder(...)
```

Arguments

`...`	Passed to `run_app` (and ultimately to `shiny::runApp`).

Value

No return value; called for its side effects (launches the LifeTableBuilder 'shiny' application).

Examples

```
if (interactive()) {
  LifeTableBuilder()
}
```

`run_app` *Run the LifeTableBuilder 'shiny' application*

Description

Launches the 'shiny' application shipped with the package.

Usage

```
run_app(...)
```

Arguments

`...`	Passed to shiny::runApp().

Value

No return value; called for its side effects (launches a 'shiny' application).

Examples

```
if (interactive()) {
  LifeTableBuilder::run_app()
}
```

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