

Package: LifeTableFertility (via r-universe)

May 19, 2026

Type Package

Title Shiny Application for Life Table and Fertility Analysis

Version 0.1.0

Description Provides a Shiny application to construct age-specific life tables and fertility schedules from individual female daily egg records. The application computes age-specific survival, fertility and reproduction functions and estimates key demographic parameters including the net reproductive rate, mean generation time, intrinsic rate of increase, finite rate of increase and doubling time. Optional confidence intervals for demographic parameters can be obtained using percentile bootstrap or delete-1 jackknife resampling at the female level.

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Encoding UTF-8

Roxygen list(markdown = TRUE)

RoxygenNote 7.3.3

Imports shiny, DT, ggplot2, stats, utils

Suggests knitr, rmarkdown

URL <https://github.com/almarazkrae-4081/LifeTableFertility>

BugReports <https://github.com/almarazkrae-4081/LifeTableFertility/issues>

Config/pak/sysreqs cmake make libuv1-dev zlib1g-dev

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

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RemoteUrl <https://github.com/almarazkrae-4081/lifetablefertility>

RemoteRef HEAD

RemoteSha 5a72701708a32475146bab363a1082fe3767c41

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LifeTableFertility *Run the LifeTableFertility Shiny App*

Description

Launches the bundled Shiny application included in this package.

Usage

```
LifeTableFertility()
```

Value

Runs a Shiny app (interactive).

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