

# Package: evidenceratio (via r-universe)

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**Type** Package

**Title** Likelihood-Based Evidence Ratios for Classical Statistical Tests

**Version** 0.1.0

**License** MIT + file LICENSE

**Language** en-GB

**Description** Implements likelihood-based evidence ratios for unified reporting in classical statistical testing. The package reports effect estimates, uncertainty intervals, and likelihood ratios on the log 10 scale derived from a single statistical model. It applies to standard normal mean tests, contingency tables, and regression coefficients, and provides a direct evidential measure while retaining classical error guarantees. For the Evidence Ratio Reporting Standard see Lawless (2026) <[doi:10.5281/zenodo.18261076](https://doi.org/10.5281/zenodo.18261076)>.

**Encoding** UTF-8

**Depends** R (>= 4.0)

**Imports** stats

**Suggests** testthat (>= 3.1.0), waldo (>= 0.5.0), knitr, rmarkdown, ggplot2

**VignetteBuilder** knitr

**RoxygenNote** 7.3.2

**NeedsCompilation** no

**Author** Dylan Lawless [aut, cre, cph] (ORCID:  
<<https://orcid.org/0000-0001-8496-3725>>)

**Maintainer** Dylan Lawless <[admin@switzerlandomics.ch](mailto:admin@switzerlandomics.ch)>

**Repository** <https://cran.r-universe.dev>

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evidence_test	<i>Likelihood-based evidence ratio test</i>
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### Description

Computes an effect estimate, a Wald-style uncertainty interval, and a likelihood-based evidence ratio (log10 scale) from a single statistical model.

### Usage

```
evidence_test(...)
```

### Arguments

... Arguments defining the data and model.

### Value

An object of class `evidence_result`.

### Examples

```
x <- sleep$extra[sleep$group == 1]
evidence_test(x)

tbl <- matrix(c(30, 70, 20, 80), nrow = 2)
evidence_test(tbl)

evidence_test(mpg ~ wt, data = mtcars, coef = "wt")
```

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