Package: gazahomes (via r-universe)

November 12, 2026

Type Package

Title Explore Published Household Indicators from a Gaza Housing Study

Version 0.0.1

Description Read nine published aggregate household indicators and their bilingual question dictionary from a Gaza housing study. Reconcile denominators with recorded exclusions and check reported percentages against the released counts. The included records are aggregate data; the package does not contain individual participant records.

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Encoding UTF-8

Depends R (>= 4.0.0)

Imports utils

URL https://github.com/SulaimanAllouh/gaza-resilient-homes-research

Repository https://sulaimanallouh.r-universe.dev

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Contents

check_indicators 2
home_indicators 3

Index **5**

check_indicators *Check Reported Percentages and Reconcile Survey Denominators*

Description

Check whether the reported percentages agree with the published counts to one decimal place and each denominator plus exclusions sums to the 302 households in the original study. This checks internal arithmetic only; it does not validate the original field records or data collection.

Usage

```
check_indicators(indicators = home_indicators(),
                 dictionary = home_dictionary())
```

Arguments

indicators	Data frame with character key indicator_id and numeric columns numerator, denominator, reported_pct. Defaults to the released table. May be a subset with a matching dictionary.
dictionary	Data frame with the same set of unique keys and numeric columns excluded_unknown and excluded_structural. Rows may be in a different order.

Details

A difference of up to 0.05 percentage points is allowed, with a small floating-point tolerance. At an exact rounding midpoint either adjacent one-decimal value is accepted, as in the upstream release. Invalid input such as duplicate or unmatched IDs, missing numeric inputs, non-integral counts, or a numerator greater than its denominator raises an error. Arithmetically inconsistent but otherwise valid rows return FALSE. The function does not test whether edited data are identical to the release.

Value

A data frame in the order of indicators. Each row contains the ID, counts and exclusions, the reported and unrounded calculated percentages (reported_pct, calculated_pct), and three logical columns: rounding_ok, denominator_ok, and ok (both).

See Also

home_indicators, home_dictionary

Examples

```
checked <- check_indicators()
all(checked$ok)
checked[checked$excluded_unknown > 0, c("indicator_id", "excluded_unknown")]
```

home_indicators *Read Published Household Indicators and Their Bilingual Dictionary*

Description

Read the two unchanged CSV tables from the Gaza Resilient Homes Research companion, version 0.1.0. Each table has nine rows, one per indicator.

Usage

```
home_indicators()

home_dictionary()
```

Details

The non-probability household survey included 302 participating households. These marginal counts describe the participating households, not population prevalence. They cannot be joined into household records, combined into a general resilience score, or used to estimate the causal effect of an intervention. Unknown answers and structurally inapplicable answers have different meanings. A single household can contribute to multiple indicators. Use the dictionary before interpreting a denominator.

Value

`home_indicators()` returns a data frame with `indicator_id`, English domain and bilingual labels (`domain`, `label_en`, `label_ar`), counts (`numerator`, `denominator`), the reported percentage (`reported_pct`), and the thesis reference (`source_table`, `printed_page`, `pdf_page`).

`home_dictionary()` returns a data frame with `indicator_id`, `question_id`, `domain_ar`, `response_category`, counts of excluded answers (`excluded_unknown`, `excluded_structural`), English and Arabic denominator rules and interpretation notes (`denominator_rule_en`, `denominator_rule_ar`, `interpretation_en`, `interpretation_ar`), and questionnaire page references (`instrument_printed_page`, `instrument_pdf_page`). Use `indicator_id` to join them.

Source

Sulaiman M. S. Allouh, Gaza Resilient Homes Research: selected household indicators, version 0.1.0. https://github.com/SulaimanAllouh/gaza-resilient-homes-research/releases/tag/v0.1.0

See Also

check_indicators

Examples

```
a <- home_indicators()
d <- home_dictionary()
q37 <- d[d$question_id == "Q37", ]
a[a$indicator_id == q37$indicator_id,
  c("label_en", "numerator", "denominator", "reported_pct")]
q37[, c("excluded_unknown", "denominator_rule_en")]
```

Index

check_indicators, 2, *3*

home_dictionary, *2*
home_dictionary *(*home_indicators*)*, 3
home_indicators, *2*, 3