

Package: RAP (via r-universe)

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Type Package

Title Reversal Association Pattern Analysis for Categorical Data

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Description Implements reversal association pattern analysis for categorical data. Detects sub-tables exhibiting reversal associations in contingency tables, provides visualization tools, and supports simulation-based validation for complex $I \times J$ tables.

License GPL-2

Encoding UTF-8

RoxygenNote 7.3.1

NeedsCompilation no

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

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`fnRAP`*Reversal Association Pattern Analysis*

Description

Performs reversal association pattern analysis for categorical data.

Usage

```
fnRAP(a, nr, nc, verbose = TRUE)
```

Arguments

<code>a</code>	numeric vector containing table entries
<code>nr</code>	number of rows
<code>nc</code>	number of columns
<code>verbose</code>	logical; if TRUE, prints informational messages (default: TRUE)

Value

List containing the analysis results

Examples

```
a = c(38, 58, 69, 34, 28, 17, 28, 14, 14)
nr = 3
nc = 3
fnRAP(a, nr, nc)
```

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