

Package ‘week4’

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Type Package

Title PURM Week 4 Practice

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Description This is a practice R package for week 4's PURM project.

License GPL-3

Encoding UTF-8

LazyData true

RoxygenNote 7.1.1

R topics documented:

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prop_nfind	<i>Two Sample Proportions Sample Size Calculator</i>
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Description

Two Sample Proportions Sample Size Calculator

Usage

```
prop_nfind(p1, p2, alpha, power, ratio)
```

Arguments

p1	Success rate in sample 1
p2	Success rate in sample 2
alpha	Significance level
power	Power, 1-beta
ratio	Ratio between sample size 1 and 2

Value

Sample size needed for significance in two samples proportions test

Examples

```
prop_nfind(0.5, 0.8, 0.05, 0.8, 1)
```

prop_test	<i>Two Sample Proportions Test</i>
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Description

Two Sample Proportions Test

Usage

```
prop_test(p1, n1, p2, n2)
```

Arguments

p1	Success rate in sample 1
n1	Sample size 1
p2	Success rate in sample 2
n2	Sample size 2

Value

p-value for 95 percent confidence

Examples

```
prop_test(0.5, 30, 0.8, 30)
```

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