

# Package ‘ASOrd’

September 4, 2023

**Title** Interim Analysis for Ordinal Outcomes

**Version** 0.0.0.9000

**Description** What the package does (one paragraph).

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**Encoding** UTF-8

**Roxygen** list(markdown = TRUE)

**RoxygenNote** 7.2.3

**Imports** MASS

**Suggests** knitr,  
rmarkdown

**VignetteBuilder** knitr

**Depends** R (>= 2.10)

**LazyData** true

## R topics documented:

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interim_odds	<i>Use proportional odds model approach in the interim analysis</i>
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## Description

Use proportional odds model approach in the interim analysis

## Usage

```
interim_odds(K, k, y1, y0, alpha = 0.05, t = NULL, func = "obf", gamma = 0)
```

**Arguments**

K	number of tests including the final analysis
k	order of the test among all tests
y1	outcomes of currently involved members in the new treatment group
y0	outcomes of currently involved members in the control group
alpha	overall Type I error
t	a sequence of fractions in the interim analysis
func	choosing an alpha spending function
gamma	parameter used in gamma family alpha spending function

**Value**

Results of hypothesis testing

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interim_rank	<i>Use rank sum statistics in the interim analysis</i>
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**Description**

Use rank sum statistics in the interim analysis

**Usage**

```
interim_rank(K, k, y1, y0, A, alpha = 0.05, t = NULL, func = "obf", gamma = 0)
```

**Arguments**

K	number of tests including the final analysis
k	order of the test among all tests
y1	outcomes of currently involved members in the new treatment group
y0	outcomes of currently involved members in the control group
A	number of levels of the outcomes
alpha	overall Type I error
t	a sequence of fractions in the interim analysis
func	choosing an alpha spending function
gamma	parameter used in gamma family alpha spending function

**Value**

Results of hypothesis testing

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