

# Package ‘SLC’

February 19, 2015

**Version** 0.3

**Date** 2009-12-16

**Title** Slope and level change

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**Depends** R (>= 2.14.0)

**Reverse depends** RcmdrPlugin.SLC

**Description** Estimates the slope and level change present in data after removing phase A trend. Represents graphically the original and the detrended data.

**License** GPL (>= 2)

**Repository** CRAN

**Date/Publication** 2013-01-24 09:46:07

**NeedsCompilation** no

## R topics documented:

SLC-package . . . . .	1
slceestimates . . . . .	2

<b>Index</b>	<b>4</b>
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SLC-package	<i>Estimating the slope and level change</i>
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## Description

SLC is a package that estimates the slope and level change present in data after removing phase A trend. Represents graphically the original and the detrended data.

## Details

Package: SLC  
 Version: 0.1  
 Date: 2010-14-01  
 Depends: >= 2.6.1  
 License: GPL version 2 or newer

#### Index:

slceestimates                    Slope and level change estimates

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#### References

Solanas, A. Manolov, R., & Onghena, P. (2009). Estimating slope and level change in single-case designs. Unpublished Manuscript.

#### See Also

For more information see [RcmdrPlugin.SLC-package](#).

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slceestimates                    *Slope and level change estimates*

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#### Description

Computes slope and level change estimates after removing linear phase A trend.

#### Usage

```
slceestimates(info, n_a)
```

#### Arguments

info                    one-dimensional data array: measurements separated by spaces; can be evoked as `info <- array(scan("info.dat"))` or inputting the data directly

n\_a                    minimum and maximums per scale matrix

#### Value

trendB                    slope change

level                    level change

## **References**

Solanas, A. Manolov, R., & Onghena, P. (2010). Estimating slope and level change in single-case designs. *Behavior Modification*, 34, 195-218.

## **Examples**

```
info <- array(c(3,4,2,5,6,7))  
n_a <- 3  
results <- slceestimates(info,n_a)
```

# Index

- \*Topic **models**
  - slceestimates, [2](#)
- \*Topic **package**
  - SLC-package, [1](#)
- SLC (SLC-package), [1](#)
- SLC-package, [1](#)
- slceestimates, [2](#)