Package ‘effectsizescr’

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Type Package
Title Indices for Single-Case Research
Version 0.1.0
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Description Parametric and nonparametric statistics for single-case design. Regarding nonparametric statistics, the index suggested by Parker, Vannest, Davis and Sauber (2011) <doi:10.1016/j.beth.2010.08.006> was included. It combines both nonoverlap and trend to estimate the effect size of a treatment in a single case design.
Depends R (>= 2.15)
Imports Kendall
License MIT + file LICENSE
Encoding UTF-8
LazyData true
NeedsCompilation no
Repository CRAN
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R topics documented:

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**TAU**

*Parker’s TAU-U*

**Description**
Nonoverlap and trend for single case research: the TAU-U function of Parker et al. (2011).

**Usage**

```
TAU(data1, nameTime = "TIME", namePhase = "DUMMYPHASE",
    nameDV = "DV", Aphase = 0, Bphase = 1)
```

**Arguments**

- `data1`: a matrix or a dataframe with time, outcome and phases columns
- `nameTime`: the name of the time column
- `namePhase`: the name of the phase column
- `nameDV`: the name of the dependent variable
- `Aphase`: how phase A was coded in the phases column
- `Bphase`: how phase B was coded in the phases column

**Value**
A list including partition matrix, full matrix and TAU-U analysis

**References**


**Examples**
```
data=data.frame(rnorm(16),1:16,c(rep(0,8),rep(1,8)))
colnames(data)=c("DV","TIME","PHASE")
TAU(data1=data,nameTime = "TIME",namePhase = "PHASE",
    nameDV = "DV")
```
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