Package: ccmatch (via r-universe)

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Type Package

Title R package for optimal matching of cases to controls using network flow theory.

Version 1.0

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Author Masahiro Kanai

Maintainer Masahiro Kanai <masahiro.kanai@riken.jp>

Description This package implements optimal matching of cases to controls at a given ratio by solving a minimum cost flow problem.

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Imports Rcpp (>= 0.11.5), proxy, RcppProgress

LinkingTo Rcpp, RcppProgress

Repository https://mkanai.r-universe.dev

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Contents

`ccmatch` *ccmatch*

Description

R package for optimal matching of cases to controls using network flow theory.

Author(s)

Masahiro Kanai

References

http://dx.doi.org/10.2307/2290079

`ccmatch` *Conduct optimal matching of cases to controls using network flow theory.*

Description

Conduct optimal matching of cases to controls using network flow theory.

Usage

```
ccmatch(x.case, x.control, n = 1, display_progress = TRUE,
  method = "Euclidean", ...)
```

Arguments

`x.case`	a numeric `matrix`.
`x.control`	a numeric `matrix`.
`n`	a ratio of case:control.
`display_progress`	a logical indicating whether to display a progress bar.
`method`	a function, a registry entry, or a mnemonic string referencing the proximity measure passed to `proxy::dist`.
`...`	further arguments passed to `proxy::dist`.

References

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