biokNN: A bi-objective imputation method for multilevel data in R

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Abstract An abstract of less than 150 words.

```
#>
#> Attaching package: 'dplyr'

#> The following objects are masked from 'package:stats':
#>
#>     filter, lag

#> The following objects are masked from 'package:base':
#>
#>     intersect, setdiff, setequal, union

#>
#> Attaching package: 'mice'

#> The following objects are masked from 'package:base':
#>
#>     cbind, rbind
```

Introduction

Introductory section which may include references in parentheses (R Core Team, 2012), or cite a reference such as R Core Team (2012) in the text.

Overview of biokNN

Functions. Most important: biokNN.impute. Explain parameters.

Example with simulated data

```
df <- create.multilevel(nClass = 25, nVars = 1, classMean = 10, classSD = 0,
                        beta0 = 0, tau0 = 1, beta = c(1), tau = c(1), sigma2 = 1)
head(df)
```

```
#>   clust          y        X.df
#> 1     1 -1.8456025 -0.69676039
#> 2     1  5.3353049  1.91506005
#> 3     1 -1.4989518 -0.08173864
#> 4     1  1.5074744  0.37650360
#> 5     1  0.8423699  1.12788195
#> 6     1 -1.2262847 -0.08569532
```

Data structure

Recommendations in using biokNN package

Section title in sentence case

```
x <- 1:10
```

Summary

This file is only a basic article template. For full details of *The R Journal* style and information on how to prepare your article for submission, see the Instructions for Authors.

About this format and the R Journal requirements

`rticles::rjournal_article` will help you build the correct files requirements:

- A R file will be generated automatically using `knitr::purl` - see https://bookdown.org/yihui/rmarkdown-cookbook/purl.html for more information.
- A tex file will be generated from this Rmd file and correctly included in `RJwapper.tex` as expected to build `RJwrapper.pdf`.
- All figure files will be kept in the default rmarkdown `*_files` folder. This happens because `keep_tex = TRUE` by default in `rticles::rjournal_article`
- Only the bib filename is to modifed. An example bib file is included in the template (`RJreferences.bib`) and you will have to name your bib file as the tex, R, and pdf files.

Bibliography

R Core Team. *R: A Language and Environment for Statistical Computing*. R Foundation for Statistical Computing, Vienna, Austria, 2012. URL http://www.R-project.org/. ISBN 3-900051-07-0. [p1]

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