

# A Guide to the agop 0.01-devel Package for R

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*The package, as well as this tutorial, is still in its early days – any suggestions are welcome!*

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## 1 Getting started

intro..... aggregation....

R is a free, open sourced software environment for statistical computing and graphics, which includes an implementation of a very powerful and quite popular high-level language called S. It runs on all major operating systems, i.e. Windows, Linux, and MacOS X. To install R and/or find some information on the S language please visit R Project's Homepage at [www.R-project.org](http://www.R-project.org). Perhaps you may also wish to install RStudio, a convenient development environment for R. It is available at [www.rstudio.org](http://www.rstudio.org).

**agop** is an Open Source (licensed under GNU LGPL 3) package for  $R \geq 2.12$  to which anyone can contribute. It started as a fork of the CITAN (Citation Analysis Toolpack) package for R.

Each session with **agop** should be preceded by a call to:

```
library("agop") # Load the package
```

To view the main page of the manual we type:

```
library(help="agop")
```

For more information please visit the package's homepage [1]. In case of any problems, comments, or suggestions feel free to contact the authors. Good luck!

## 2 NEWS/CHANGELOG

```
agop package NEWS
```

```
*****
```

```
0.01 /under development/
```

```
* initial release
```

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## Bibliography

- [1] Gagolewski M., Cena A., agop: Aggregation Operators in R, [www.ibspan.waw.pl/~gagolews/agop/](http://www.ibspan.waw.pl/~gagolews/agop/), 2013.