Open-Access Analysis for Journal of Hydroinformatics

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Journal of Hydroinformatics

Description

This is an R Markdown document. This document reads in a query from Scopus for Journal of Hydroinformatics. The document reports:

1. Number of open-access articles, number of closed articles, and total number of articles
2. Results from a Kolgomorov-Smirnov test to see if the number of citations is different for open vs closed-access articles.
3. Cumulative distributions of the two number of citations data sets (Figure1).

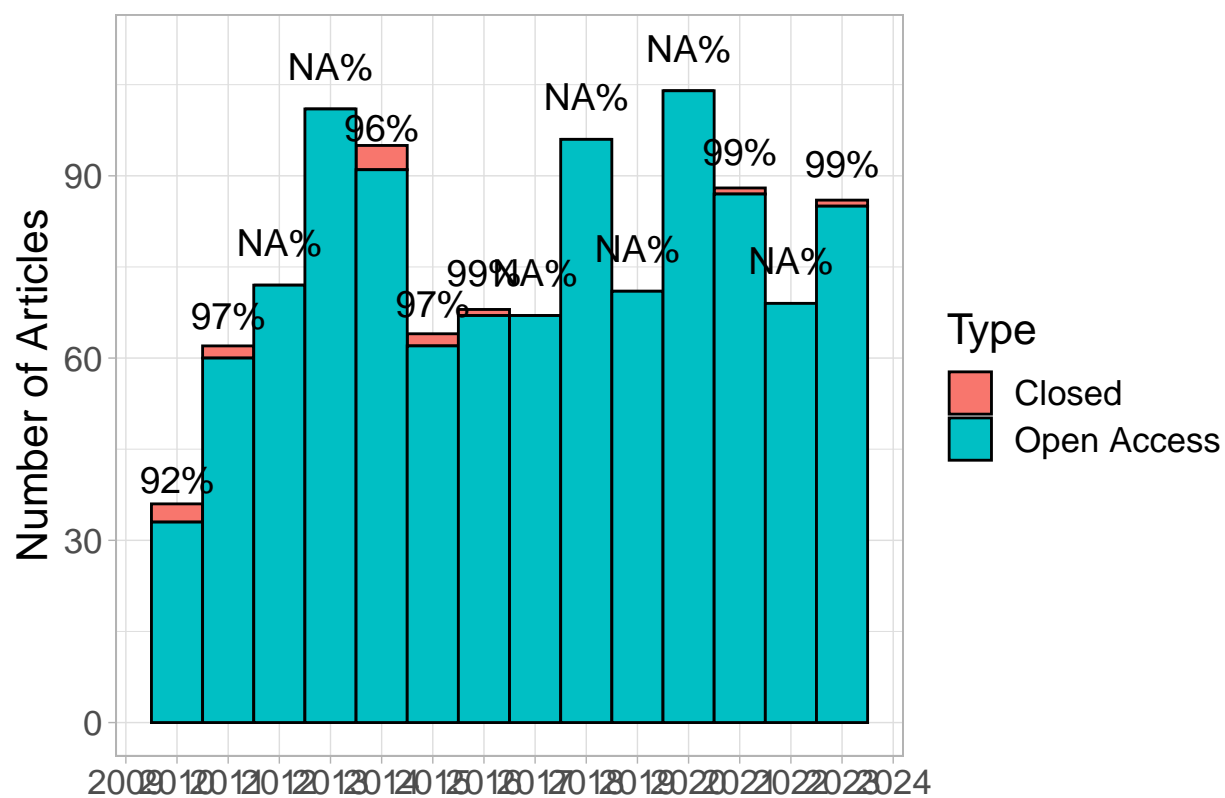### Requested Citation

Article Counts

Number of Articles: 1,079

Number of Open Access Articles: 1,065
Number of Closed Access Articles: 14

```
##
##  Two-sample Kolmogorov-Smirnov test
##
## data:  as.numeric(dfArticlesOpenAccess$Cited.by) and as.numeric(dfArticlesNotOpen$Cited.by)
## D = 0.20235, p-value = 0.6235
## alternative hypothesis: two-sided


## [1] "Not different at 0.05 level"
```

Figure 1. Percent Open Access by Year

Figure 2. Cumulative Distributions of Number of Articles Cited