

# Open-Access Analysis for American Society of Civil Engineers Publishing

David E. Rosenberg

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## Journal of American Water Resources Association

### Description

This is an R Markdown document. This document reads in a query from Scopus for Journal of American Water Resources Association. 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

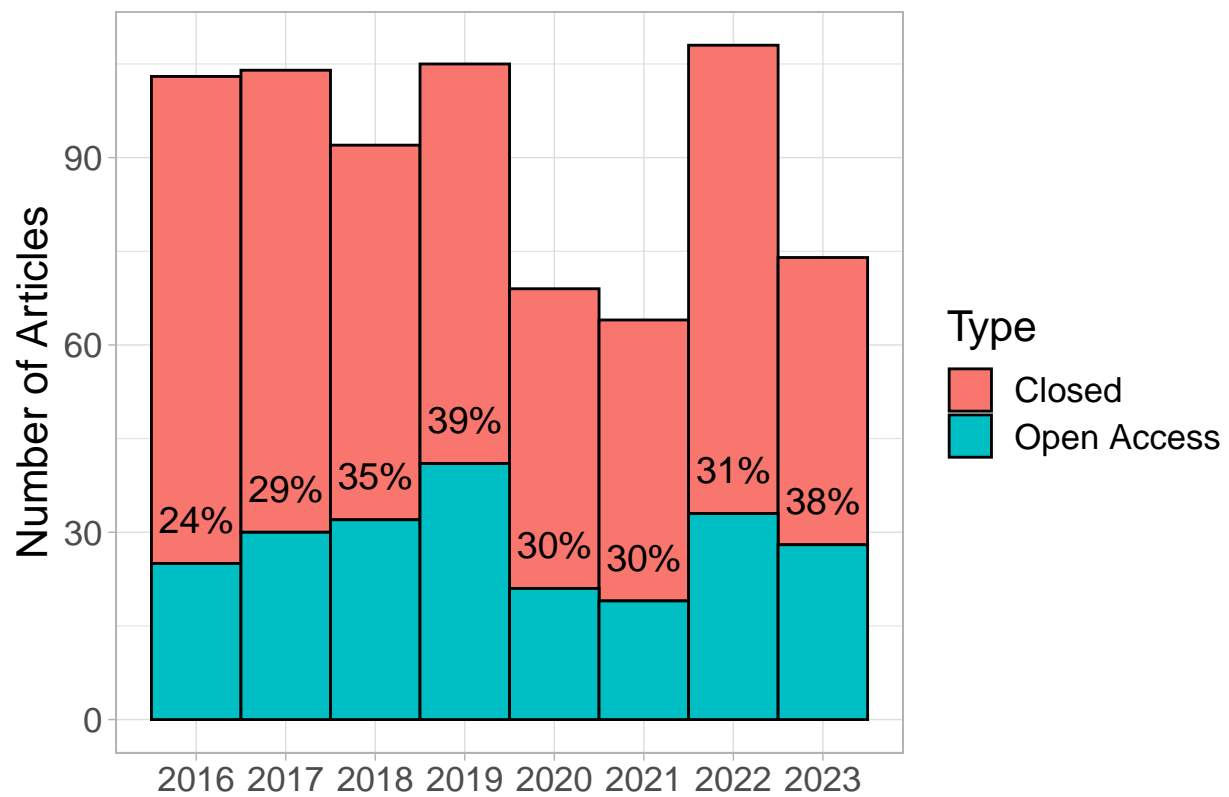
Number of Articles: 719

Number of Open Access Articles: 229

Number of Closed Access Articles: 490

```
##  
## Two-sample Kolmogorov-Smirnov test  
##  
## data: as.numeric(dfArticlesOpenAccess$Cited.by) and as.numeric(dfArticlesNotOpen$Cited.by)  
## D = 0.093254, p-value = 0.1325  
## 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**

