Collaborative working in Google Docs with R: introducing `roogledocs`.

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Abstract

This demonstration document uses a template to make some points about the diamonds dataset. The average cost of diamonds was {{diamonds_mean_sd}}. That is all we have to say.

Background

Collaboration with google docs is easy. Importing the results of analysis from R is now possible thanks to `roogledocs` {{cite:roogledocs}}. This is great.

Methods

Typically the methods section would not contain figures or tabular materials. We are using the diamonds data set from ggplot2.

Results

The diamonds data set has some interesting characteristics as shown in Table 1. Table captions and cross references are not the job of `roogledocs`, although you can probably hack it using tags. Since version 0.3.0 `roogledocs` does handle citations {{cite:challen2019}}.

Table 1: this table was updated on {{table_1_update_date}}. It shows a description of the ggplot::diamonds data set (or at least it will when populated).

{{table_1}}

In figure 1, we demonstrate that the cost varies by size. average cost of diamonds being {{diamonds_mean_sd}}. This is the same number as in the abstract.

{{figure_1}}

Figure 1 - some info about what figure 1 shows.

Figure 2 shows an alternative to the tag system for images. This is not recommended as the order of images changes as a document evolves. Like any good scientist I will cite myself again {{cite:challen2021}}.

Figure 2 - This is another fascinating plot.

Discussion

This is all there is to it. `Roogledocs` is built in Java and the R integration is automatically generated by `r6-generator` {{cite:r6gen}}. Don't forget to cite us using the bibtex given to you by: `print(citation("roogledocs"), bibtex=TRUE)`

References

{{references}}