Reproducible Publications

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Abstract

Brief summary of what this paper is about.

Introduction

What is reproducibility?

Reproducibility in this context means obtaining consistent results using the same input data, calculation steps, methods, and codes, and the same analysis conditions. This definition is synonymous with "computational reproducibility" and the terms are used interchangeably in this report. [1]

Methods

How was the topic handled? Maybe GitHub[1] was one of the instruments used.

[1] https://github.com/

Results

Here it is: A template for reproducible research.

Table 1 shows a summary of the data.

A dotplot of Sepal.Lentgh and Sepal.Width is shown in Figure 1.

Discussion

Not everything that glitters is gold. What are the limits of the subject? What is still to be done?

Conclusions

We are on a good path but not yet finished.

References

Quarto will include the references here. The position of the reference-list can therefore be adjusted by moving the inclusion of this file within `index.qmd`.

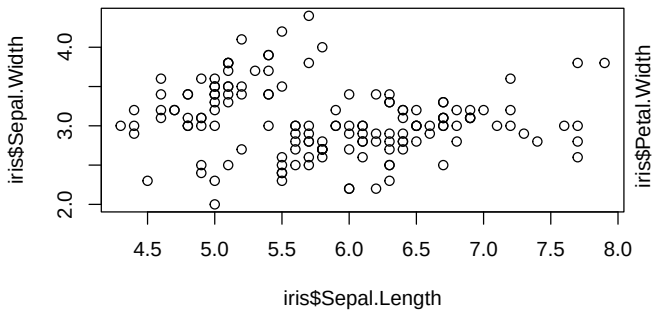
[1] E. National Academies of Sciences, P. and G. Affairs, E. Committee on Science, B. on R.D. and Information, D. on E. and P. Sciences, C. on A. and T. Statistics, B. on M.S. and Analytics, D. on E. and L. Studies, N. and R.S. Board, D. of B. and S.S. and Education, C. on N. Statistics, C. Board on Behavioral, and C. on R. and R. in Science, Understanding Reproducibility and Replicability, National Academies Press (US), 2019. https://www.ncbi.nlm.nih.gov/books/NBK547546/ (accessed November 22, 2022).

Table 1: Data

Sepal.Length	Sepal.Width	Petal.Length	Petal.Width	Species
Min. :4.300	Min. :2.000	Min. :1.000	Min. :0.100	setosa :50
1st Qu.:5.100	1st Qu.:2.800	1st Qu.:1.600	1st Qu.:0.300	versicolor:50
Median :5.800	Median :3.000	Median :4.350	Median :1.300	virginica :50
Mean :5.843	Mean :3.057	Mean :3.758	Mean :1.199	NA
3rd Qu.:6.400	3rd Qu.:3.300	3rd Qu.:5.100	3rd Qu.:1.800	NA
Max. :7.900	Max. :4.400	Max. :6.900	Max. :2.500	NA

Tables

Figures



(a) Sepal.Length vs. Sepal.Width.

(b) Petal.Length vs. Petal.Width

Figure 1: Data plots.