

Name of the project

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1 Reproducible research

Reproducible research The term reproducible research refers to the idea that the ultimate product of academic research is the paper along with the laboratory notebooks [1] and full computational environment used to produce the results in the paper such as the code, data, etc. that can be used to reproduce the results and create new work based on the research.[2] Typical examples of reproducible research comprise compendia of data, code and text files, often organised around an R Markdown source document [3] or a Jupyter notebook.

2 Results

The mean value is equal to 4.230769230769231 and the variance value is equal to 3.858974358974359

References

- [1] Martin Kühne and Andreas Liehr. Improving the Traditional Information Management in Natural Sciences. *Data Science Journal*, 8(0):18–26, March 2009.
- [2] Sergey Fomel. Guest Editors’ Introduction: Reproducible Research - IEEE Journals & Magazine. <https://ieeexplore.ieee.org/document/4720217>.
- [3] Ben Marwick, Carl Boettiger, and Lincoln Mullen. Packaging Data Analytical Work Reproducibly Using R (and Friends). *The American Statistician*, 72(1):80–88, January 2018.