

# Is reproducibility good enough?

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**Abstract** A very short abstract. Put the abstract text here. One or two paragraphs summarising what follows below.

## Introduction

What is this paper about? What is discussed? Why is it of any consequence?

## Literature review

Smart stuff from others about the topic.

Use a least 20 citations, a least 5 of them must be new (not from the provided .bib file).

Use both in-line and normal citations.

Example:

Gentleman (2005) argues that bla bla bla. On the other hand it's claimed that bla bla (Barba, 2018; Bartlett & Frost, 2008).

## Discussion of the reseach question

- Should replicability be the norm or is this to much to ask for now?
- Can Quarto documents help with reproducibility?
- What problems remains and how can these be solved?

## Conclusion

## References

and

- Version number and reference to packages used
- R version used

## Bibliography

Barba, L. A. (2018). *Terminologies for Reproducible Research*. 18–19. <https://arxiv.org/pdf/1802.03311.pdf>

- Bartlett, J. W., & Frost, C. (2008). Reliability, Repeatability and Reproducibility: Analysis of Measurement Errors in Continuous Variables. *Ultrasound in Obstetrics & Gynecology: The Official Journal of the International Society of Ultrasound in Obstetrics and Gynecology*, 31(4), 466–475. <https://doi.org/10.1002/uog.5256>
- Gentleman, R. (2005). Reproducible Research: A Bioinformatics Case Study. *Statistical Applications in Genetics and Molecular Biology*, 4(1). <https://doi.org/10.2202/1544-6115.1034>