
Methods

How the measurement actually works

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The design

- 01 What is being compared, and against what.
- 02 How units were assigned, and by whom.
- 03 What was fixed in advance and what was chosen after seeing data.

What could bias this

Threats, named

- 01 The one a critical reader raises first. Answer it here.
- 02 The one you cannot rule out, stated as such.
- 03 What would have to be true for the result to be an artefact.

How much this can detect

$$n = 240$$

gives the smallest effect worth reporting at conventional power. A study that cannot detect the effect it is looking for is not evidence of absence.

The instrument

- 01 What is measured, in the units it is measured in.
- 02 How it is calibrated, and how often.
- 03 The known error, stated as a range rather than implied by decimal places.

Pre-registration

Before

the data arrives, or it is not pre-registration. Say what was fixed in advance and what was decided afterwards, because the difference is the whole claim.

Summary

Three things to remember

- 01 The finding, in the words you want repeated in the corridor.
- 02 The decision being asked for, if there is one.
- 03 Who to talk to, and by when.

Appendix

- 01 Detail that answers the predictable question.
- 02 The table nobody needs unless they ask.
- 03 Definitions, so an argument about words does not eat the meeting.