

Why reproducible research?

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Slides: `bit.ly/whyrr`



Karl -- this is very interesting,
however you used an old version of
the data (n=143 rather than n=226).

I'm really sorry you did all that
work on the incomplete dataset.

Bruce

The results in Table 1 don't seem to correspond to those in Figure 2.

In what order do I run these scripts?

Where did we get this data file?

Why did I omit those samples?

How did I make that figure?

Which image goes with which experiment?

“Your script is now giving an error.”

“The attached is similar to the code we used.”

Reproducible

vs.

Replicable

Reproducible

vs.

Correct

Organize your project

File organization and naming
are powerful weapons against chaos.

– Jenny Bryan

Organize your project

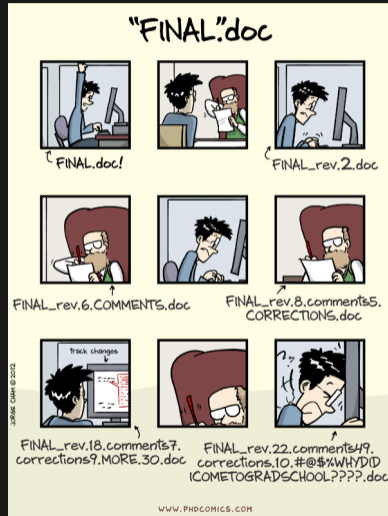
Your closest collaborator is you six months ago,
but you don't reply to emails.

(paraphrasing [Mark Holder](#))

Organize your project

Have sympathy for your future self.

No "final" in file names



The most important tool is the **mindset**,
when starting, that the end product
will be reproducible.

– Keith Baggerly