

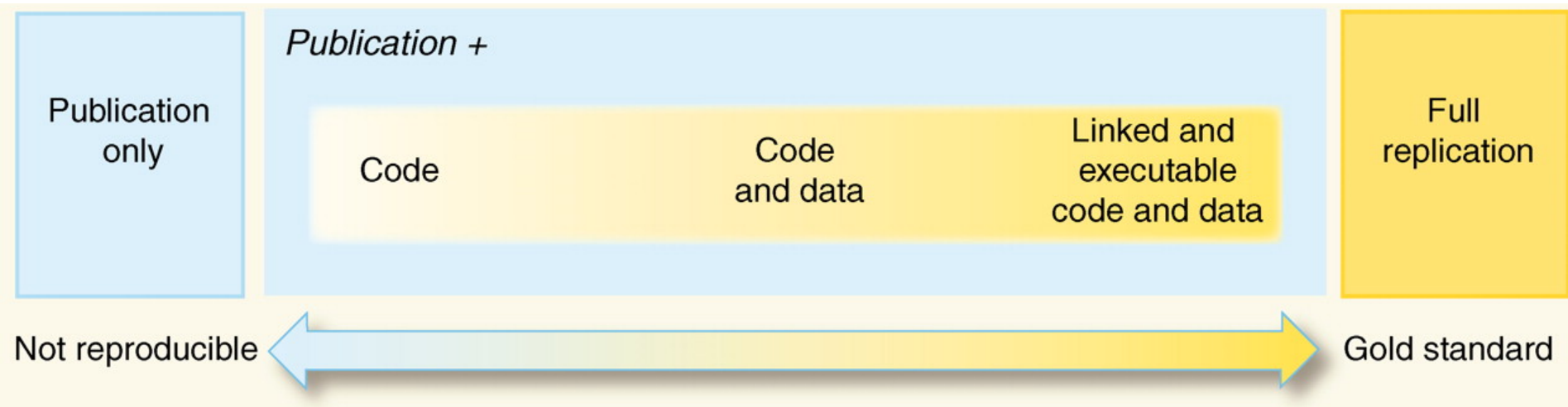
Reproducible Research

Jerod Weinman

CSC 499

Why make your research
reproducible?

Reproducibility Spectrum



R. D. Peng, *Science* **334** 1226 (2011).

Where will *your* work lie?

“[A] lack of visual clarity in arranging evidence is a sign of a lack of intellectual clarity in reasoning about evidence.”

-- Edward Tufte

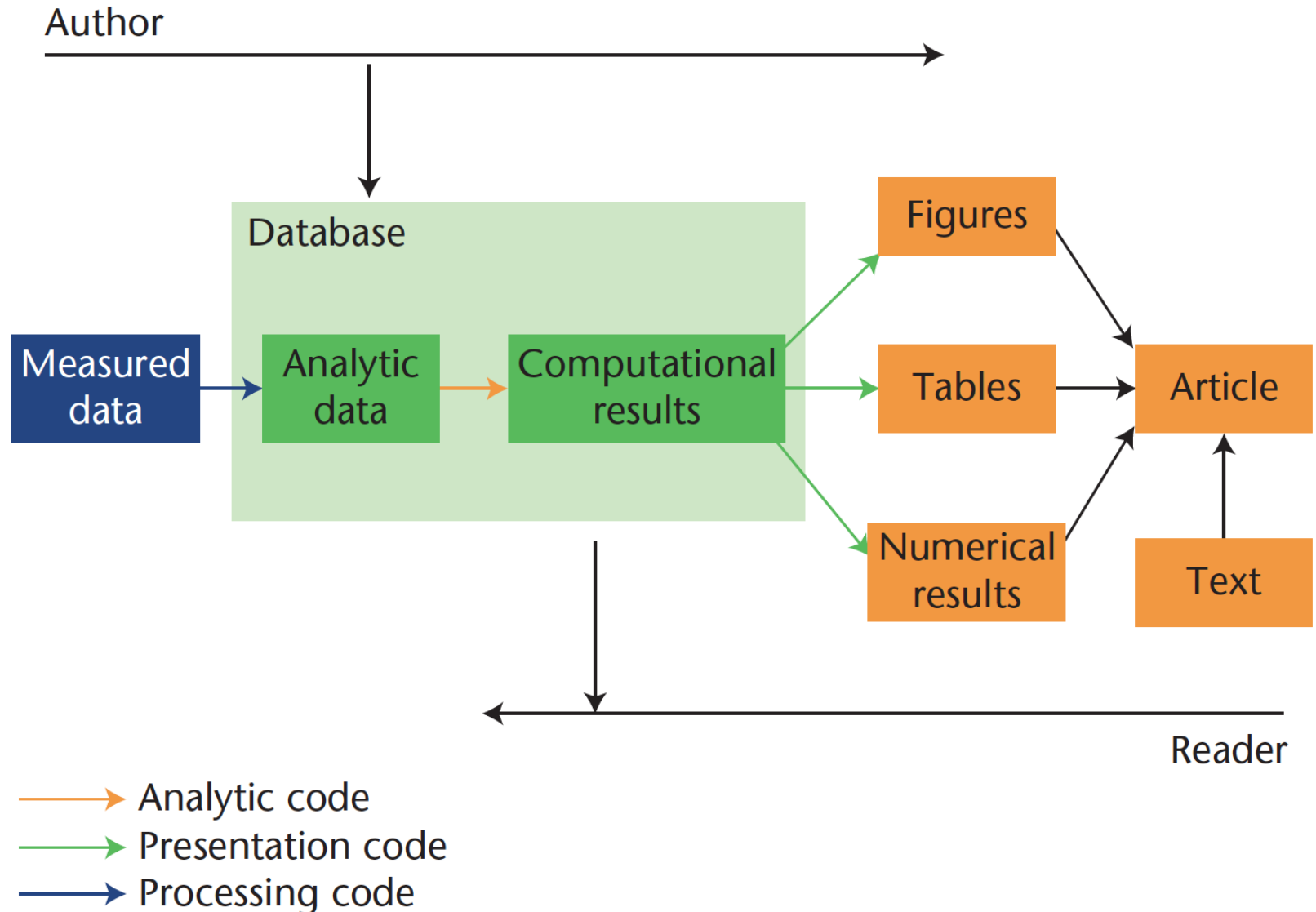
Visual Explanations 48 (1997)

What are the barriers to
making research
reproducible? ?

Reproducible Research Principles

- Modularize
- Document
- Preserve

Reproducible Research Pipeline



Data Repository

