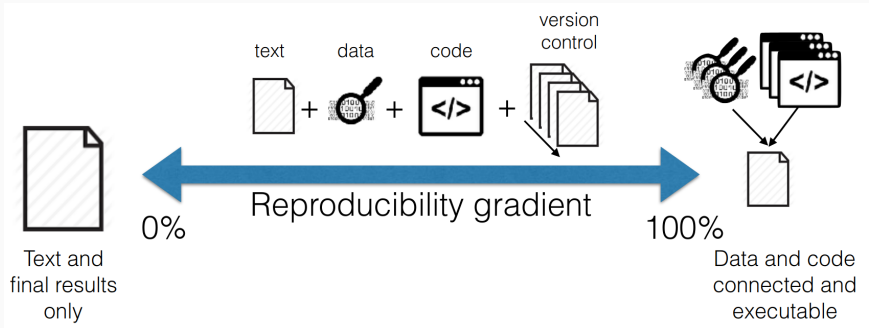# Basic reproducibility

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Rodríguez-Sánchez et al. 2016 (modif. Peng 2011)

# Basic reproducibility

# Basic reproducibility

- **MANUSCRIPT** (Text + Tables + Figures)
- **DATA** in permanent archive (see Tierney & Ram 2020)
- **CODE** in permanent archive (see Eglen et al 2016)

*Permanent archive*:

- Zenodo, Dryad, OSF, Figshare, Data Paper...

- NOT GitHub, website...

# How to share data

- **Open** format (csv, txt)
- **README** (who, what, when, where, why, how)
- **Describe variables**
- **Licence** (CC0, CC-BY, ODbL)
- **Citation** (DOI)
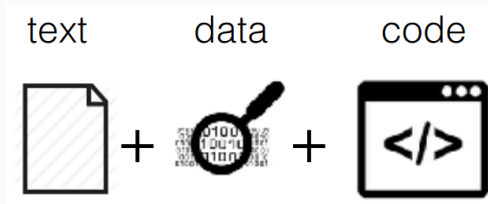- **Metadata** standardised (JSON, XML)

Tierney & Ram 2020

- Scripts: **plain text** (`.R`)

- **Permanent archive** (eg. Zenodo) with **DOI (citable)**

- Licence

- README

Eglen et al 2016

# Basic reproducibility



text     data     code

DATA + CODE

- analysis fully **traceable**
- results can be **regenerated**