

3.4. Reproducibility and open source materials

To enable re-use of our materials and improve reproducibility and transparency according to the principles outlined in [Marwick \(2016\)](#), we include the entire R code used for all the analysis and visualizations contained in this paper in our supplemental online material (SOM) at <https://dx.doi.org/10.6084/m9.figshare.2065602.v1>. Also in this version-controlled compendium are the raw data for all the tests reported here, as well as a custom R package ([Wickham, 2015](#)) containing the code written for this paper. All of the figures, tables and statistical test results presented here can be independently reproduced with the code and data in this repository. In our SOM our code is released under the MIT licence, our data as CC-0, and our figures as CC-BY, to enable maximum re-use (for more details about these licences, see [Marwick, 2016](#)).