# A minimal template for creating scientific manuscript using Quarto

This repo has a template for a minimal scientific manuscript using R and Quarto.

There may be better solutions, but this is a minimal example for creating a scientific manuscript using R and quarto and outputting a MS Word document.

## Inputs

* \_quarto.yml : the yaml file contains the configuration to be used across the quarto documents.
* arial\_template.docx : MS Word document defining the fonts and heading styles.
* plos.csl : Citation Style Language (CSL) document for PLoS referencing style.
* img : folder with a picture of Bibi for use as a figure in the manuscript.
* index.qmd : this contains R chunks for the quarto files that will be combined to create the final manuscript. The use of child documents I got from [Jeremy Perkels example from html reports](https://jperkel.github.io/computed_quarto_manuscript/).
* The individual quarto files for each part of the manuscript:
  + title-page.qmd : title, author information etc.
  + abstract.qmd : the abstract text.
  + body.qmd: the main body of the manuscript
  + materials-and-methods.qmd : all the methods
  + references.qmd : the manuscript references
* references.bib : bibtex file of the references.

## Rendering

Quarto can’t render to relative or absolute paths at the time of writing, plus I wanted to automatically date the output, so I created a R script that renders the document and then moves it to the drafts folder: render\_manuscript.R.