Adding to a WordProcessingML Document

We’ll look at how we can add images, etc. to a WordProcessingML file.

## Images

We’ll insert an image into our word document. We can do this by adding the image file to the media/ directory. For example, we can create a plot in R with the commands

data(mtcar)  
plot(mpg ~ cyl, mtcars)

Suppose we store the resulting plot in foo.jpg. We need to add this to the .docx archive. Then we need to add a relationship to the word/\_rels/document.xml.rels file. We would add an entry of the form

<Relationship Id="rId7"  
Type=”<http://schemas.openxmlformats.org/officeDocument/2006/relationships/image>”  
 Target="media/image2.png"/>

We specify an Id by which we can refer to this resource in the word/document.xml file. We specify the Type attribute to identify what sort of relationship is being defined. And finally, we specify the target file which is the item to be displayed.