Workshop Web-Scraping in R

Modern Causal Analysis. Rubin Causal Model und Directed Acyclic Graphs

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# Wrap long lines

## First

Long lines in the output will not be (hard-)wrapped automatically unless you break them manually.

a <- '## "stx2A; shiga-like toxin II A subunit encoded by bacteriophage BP-933W; K11006 shiga toxin subunit A" '  
a

## [1] "## \"stx2A; shiga-like toxin II A subunit encoded by bacteriophage BP-933W; K11006 shiga toxin subunit A\" "

Perhaps you see it is wrapped in RStudio, but that is because <pre> has the CSS attribute white-space: pre-wrap;. For LaTeX output, the output is in the verbatim environment by default, which will not wrap long lines (everything is shown as is).

## Second

You can redefine the output hook function so that you can instruct some chunks to hard-wrap their output lines, e.g.

library(knitr)  
hook\_output = knit\_hooks$get('output')  
knit\_hooks$set(output = function(x, options) {  
 # this hook is used only when the linewidth option is not NULL  
 if (!is.null(n <- options$linewidth)) {  
 x = knitr:::split\_lines(x)  
 # any lines wider than n should be wrapped  
 if (any(nchar(x) > n)) x = strwrap(x, width = n)  
 x = paste(x, collapse = '\n')  
 }  
 hook\_output(x, options)  
})

Now see the output of a (note linewidth is not a default **knitr** option):

a

## [1] "## \"stx2A; shiga-like toxin II A subunit encoded  
by bacteriophage BP-933W; K11006 shiga toxin subunit A\" "