R code inside math notation R Markdown

Question Link

In R Markdown, I can get an inline r code chunk to run inside single $ math notation (only with a * before), but not double $$ math notation:

- $H_o = 2$

works, but:

$H_o = 2$

doesn't work, and neither does:

$$H_o = 2$$

The double **$$** is more flexible being able to put math notation on multiple lines, but how can you add inline code chunks inside?

Answer

I ran your example and it worked fine for me!

$$H_o = 2$$

Perhaps you should check your version of rmarkdown and knitr. I have noticed over the years that version updates, and sometimes even using the most recent dev version, can fix a litany of small issues that arise.

Using R 3.4.1, here are my **knitr** and **rmarkdown** versions:

```r
citation()
```

```
## 
## To cite R in publications use:
## 
##   R Core Team (2017). R: A language and environment for
##   statistical computing. R Foundation for Statistical Computing,
##   Vienna, Austria. URL https://www.R-project.org/.
## 
## A BibTeX entry for LaTeX users is
## 
##   @Manual{,
##     title = {R: A Language and Environment for Statistical Computing},
##     author = {{R Core Team}},
##     organization = {R Foundation for Statistical Computing},
##     address = {Vienna, Austria},
##     year = {2017},
##     url = {https://www.R-project.org/},
##   }
## 
## We have invested a lot of time and effort in creating R, please
## cite it when using it for data analysis. See also
## 'citation("pkgname")' for citing R packages.
```

```r
citation("knitr")
```

```
## 
## To cite the 'knitr' package in publications use:
## 
##   Yihui Xie (2017). knitr: A General-Purpose Package for Dynamic
##   Report Generation in R. R package version 1.16.
## 
##   Yihui Xie (2015) Dynamic Documents with R and knitr. 2nd
##   edition. Chapman and Hall/CRC. ISBN 978-1498716963
## 
##   Yihui Xie (2014) knitr: A Comprehensive Tool for Reproducible
##   Research in R. In Victoria Stodden, Friedrich Leisch and Roger
##   D. Peng, editors, Implementing Reproducible Computational
##   Research. Chapman and Hall/CRC. ISBN 978-1466561595
## 
## To see these entries in BibTeX format, use 'print(<citation>,
## bibtex=TRUE)', 'toBibtex(.)', or set
## 'options(citation.bibtex.max=999)'.
```

```r
citation("rmarkdown")
```

```
## 
## To cite package 'rmarkdown' in publications use:
## 
##   JJ Allaire, Joe Cheng, Yihui Xie, Jonathan McPherson, Winston
##   Chang, Jeff Allen, Hadley Wickham, Aron Atkins, Rob Hyndman and
##   Ruben Arslan (2017). rmarkdown: Dynamic Documents for R. R
##   package version 1.6.
##   https://CRAN.R-project.org/package=rmarkdown
## 
## A BibTeX entry for LaTeX users is
## 
##   @Manual{,
##     title = {rmarkdown: Dynamic Documents for R},
##     author = {JJ Allaire and Joe Cheng and Yihui Xie and Jonathan McPherson and Winston Chang and Je
##     year = {2017},
##     note = {R package version 1.6},
##     url = {https://CRAN.R-project.org/package=rmarkdown},
##   }
```