SAS using chunk options, 2021\_08\_21

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2021-08-25, 15:41:52 EDT

library(SASmarkdown)

## sas, saslog, sashtml, and sashtmllog engines

## are now ready to use.

library(ggplot2)

## R Markdown

This is an R Markdown document. Markdown is a simple formatting syntax for authoring HTML, PDF, and MS Word documents. For more details on using R Markdown see <http://rmarkdown.rstudio.com>.

When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

proc means data=sashelp.class;  
run;

## The MEANS Procedure  
##   
## Variable N Mean Std Dev Minimum Maximum  
## -------------------------------------------------------------------------  
## Age 19 13.3157895 1.4926722 11.0000000 16.0000000  
## Height 19 62.3368421 5.1270752 51.3000000 72.0000000  
## Weight 19 100.0263158 22.7739335 50.5000000 150.0000000  
## -------------------------------------------------------------------------

proc freq data=sashelp.class;  
 tables sex;  
run;

## The FREQ Procedure  
##   
## Cumulative Cumulative  
## Sex Frequency Percent Frequency Percent  
## --------------------------------------------------------  
## F 9 47.37 9 47.37   
## M 10 52.63 19 100.00

theme\_set(theme\_bw())  
  
# plot  
g <- ggplot(mpg, aes(manufacturer, cty))  
g + geom\_boxplot() +   
 geom\_dotplot(binaxis='y',   
 stackdir='center',   
 dotsize = .5,   
 fill="red") +  
 theme(axis.text.x = element\_text(angle=65, vjust=0.6)) +   
 labs(title="Box plot + Dot plot",   
 subtitle="City Mileage vs Class: Each dot represents 1 row in source data",  
 caption="Source: mpg",  
 x="Class of Vehicle",  
 y="City Mileage")

## `stat\_bindot()` using `bins = 30`. Pick better value with `binwidth`.

