Diamond sizes

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cat("\f")

knitr::opts\_chunk$set(echo = TRUE)  
#Note, Each gray box below is a code chunk. You need to insert a code chunk and put your R code in it. By setting echo = FALSE. this comment and any code will not show in my output document. If it were TRUE, the comment and code would appear.   
knitr::opts\_chunk$set(echo = FALSE)  
#just trying to see if this works... spoiler alert it doesnt  
head(Titanic)

## , , Age = Child, Survived = No  
##   
## Sex  
## Class Male Female  
## 1st 0 0  
## 2nd 0 0  
## 3rd 35 17  
## Crew 0 0  
##   
## , , Age = Adult, Survived = No  
##   
## Sex  
## Class Male Female  
## 1st 118 4  
## 2nd 154 13  
## 3rd 387 89  
## Crew 670 3  
##   
## , , Age = Child, Survived = Yes  
##   
## Sex  
## Class Male Female  
## 1st 5 1  
## 2nd 11 13  
## 3rd 13 14  
## Crew 0 0  
##   
## , , Age = Adult, Survived = Yes  
##   
## Sex  
## Class Male Female  
## 1st 57 140  
## 2nd 14 80  
## 3rd 75 76  
## Crew 192 20

We have data about 53940 diamonds. Only 17502 are larger than 1 carat. The distribution of the remainder is shown below:

