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Question 1: What was the share of elderly people living in New Taipei City in 1998?
Ans:
6.21%

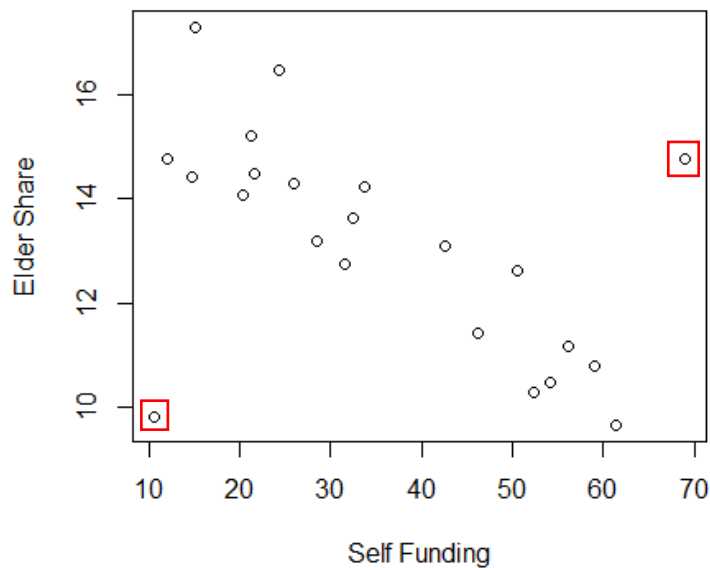Question 2: What is the data type for variable Year?
Ans:
character

Question 3: how many levels does the factor variable "area" has?
Ans:
6

Plot:Self Funding 和 Elder Share 在散布圖中呈現負相關，從肉眼看有兩個離群值

Source Code:
#1

```
library(readxl)

library(tidyverse)
```

#2

```
setwd(getwd())

data.frame<-read_excel('counties.xlsx',na='-')
```

#3

```
filter(data.frame,city=='New Taipei City',Year=='1998')

class(data.frame$Year)
```

#4

```
mutate(data.frame,Year=as.numeric(Year))

data.frame<-rename(data.frame,year=Year)
```

#5

```
data.frame<-rename(data.frame,area=Area)
```

```
data.frame<-mutate(data.frame,area=factor(area))

nlevels(data.frame$area)

#6

new.data.frame<-filter(data.frame,!city%in%c('Total','Taiwan'))

#7

another.data.frame<-filter(new.data.frame,year=='2015')

#8

plot(x=another.data.frame$self_funding,y=another.data.frame$elder_share,xlab='Self
Funding',ylab='Elder Share')
```