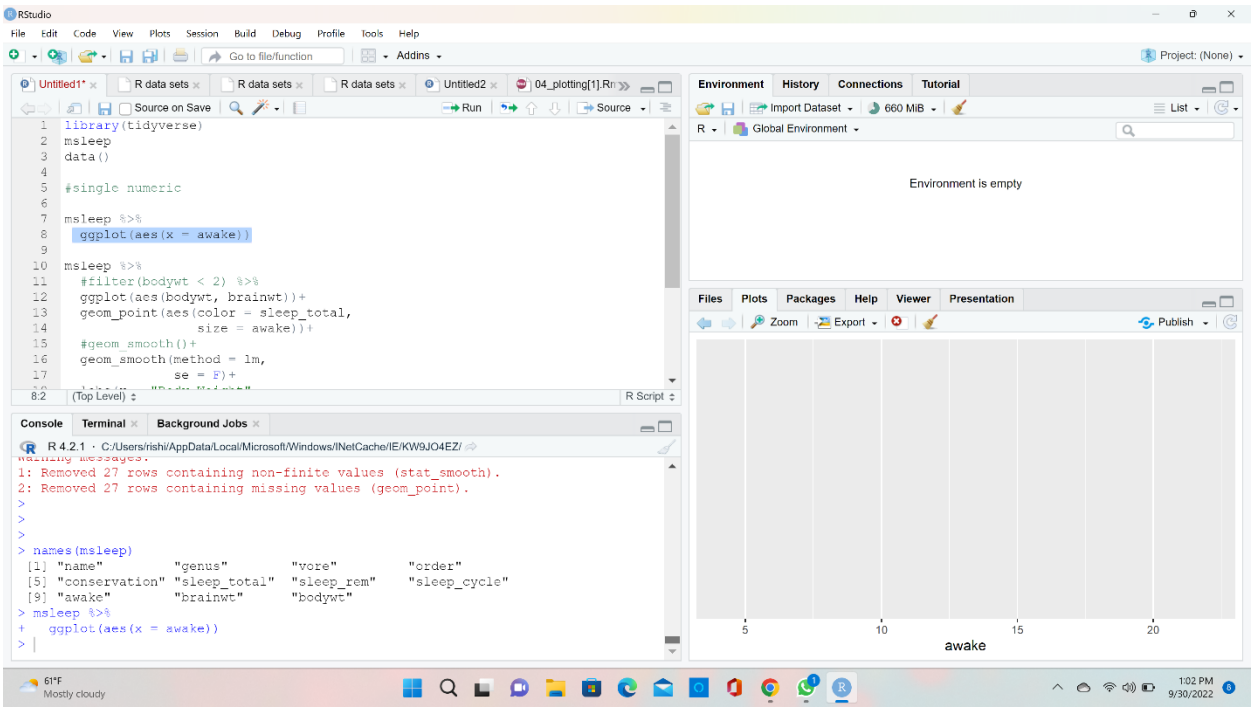
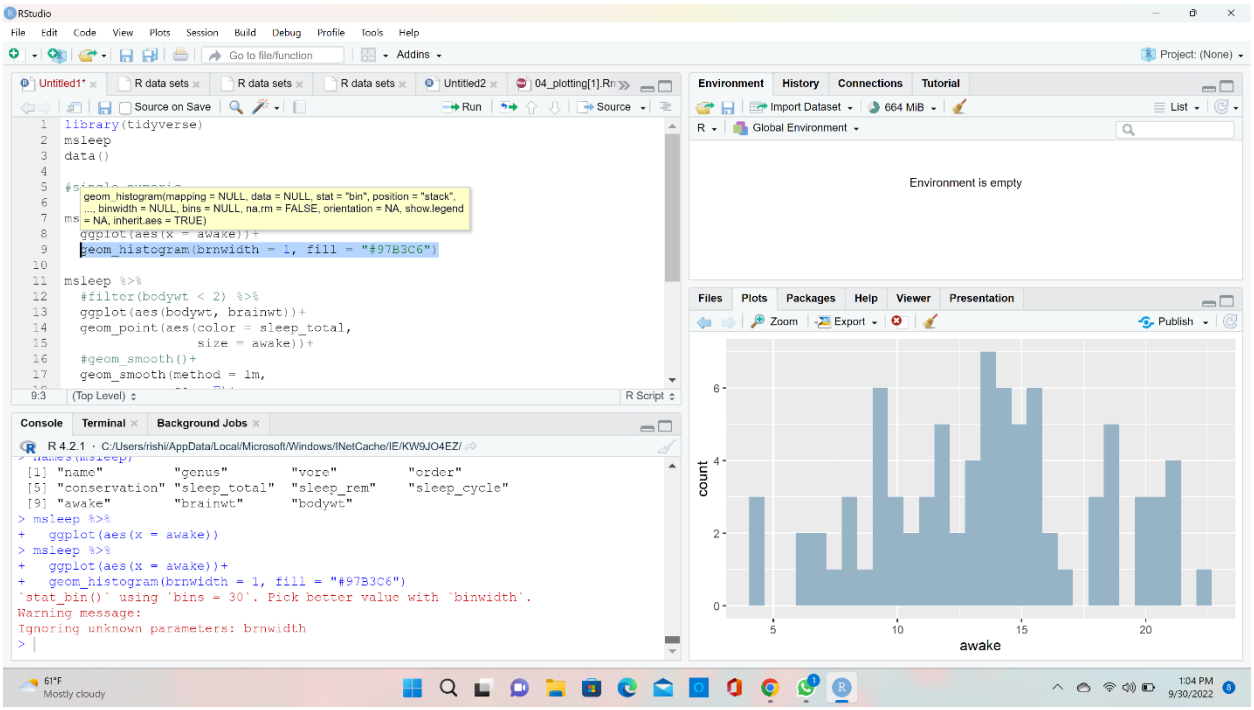
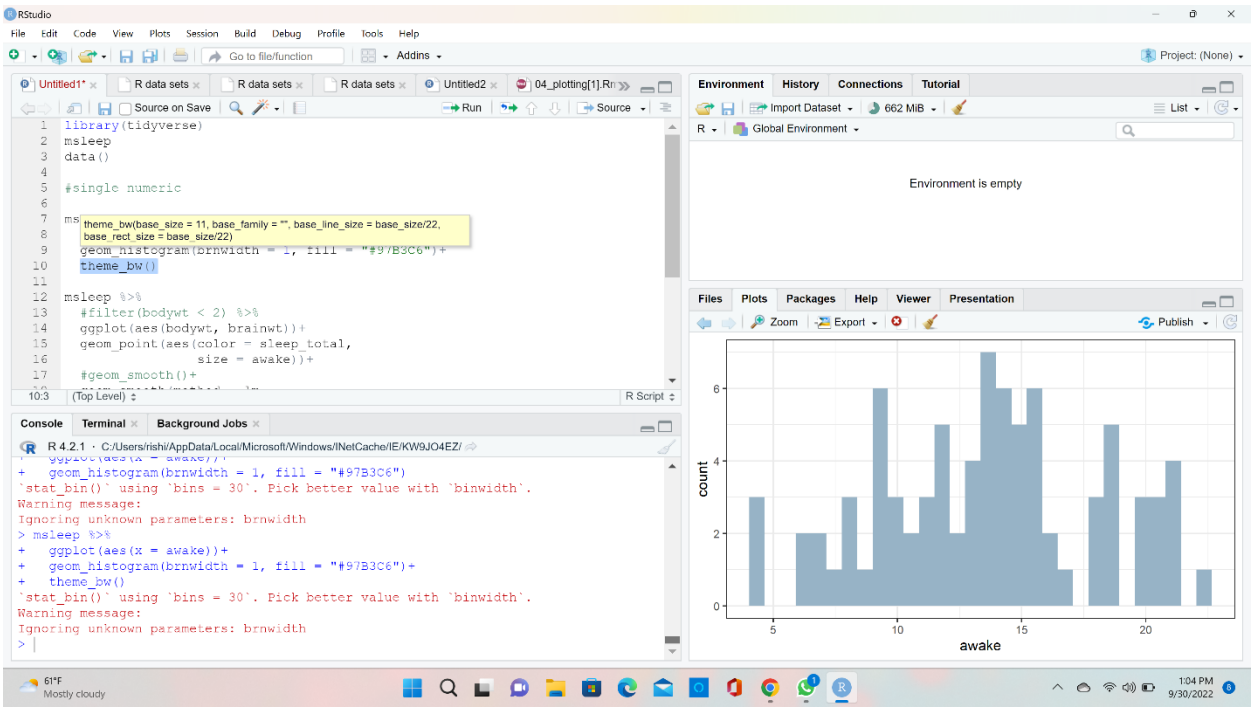
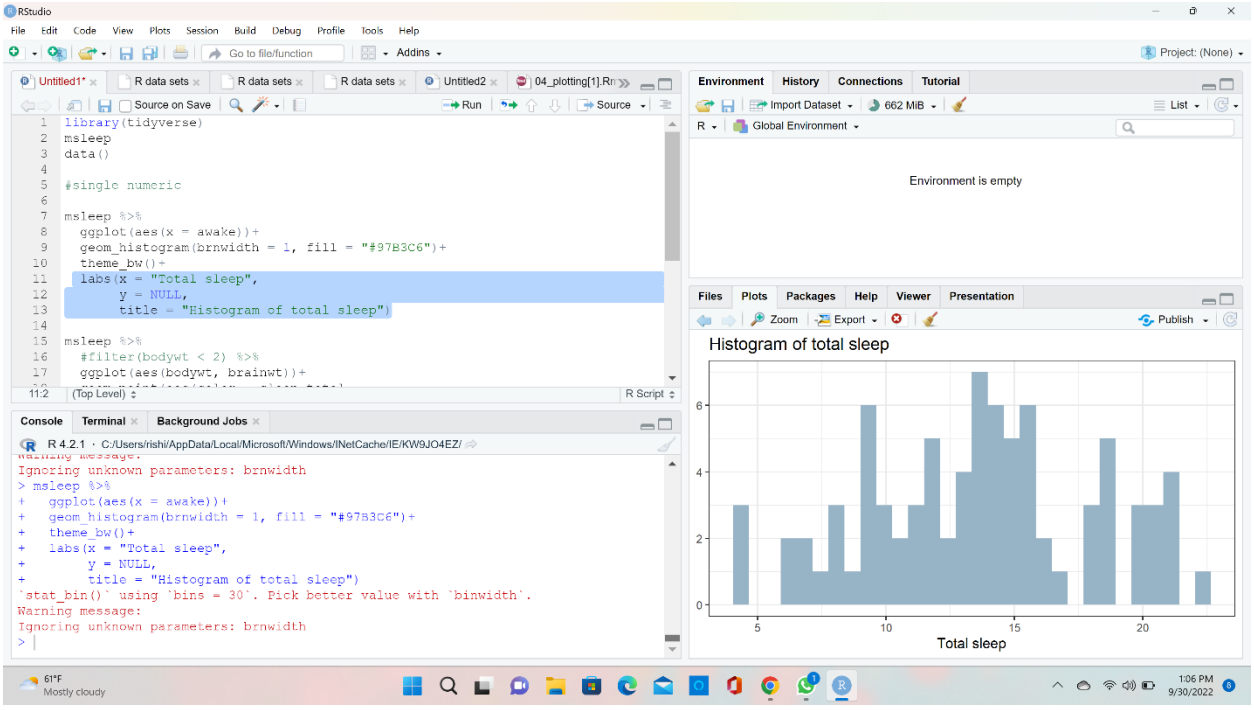
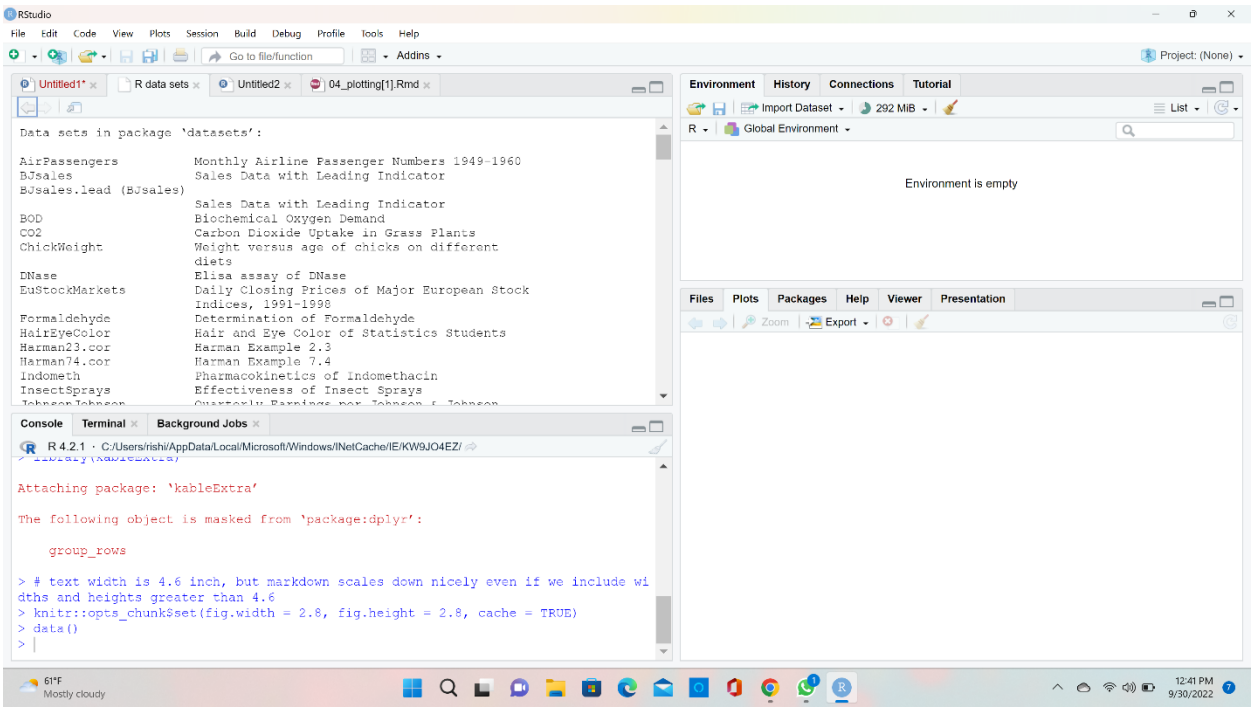


Geom_Histograms

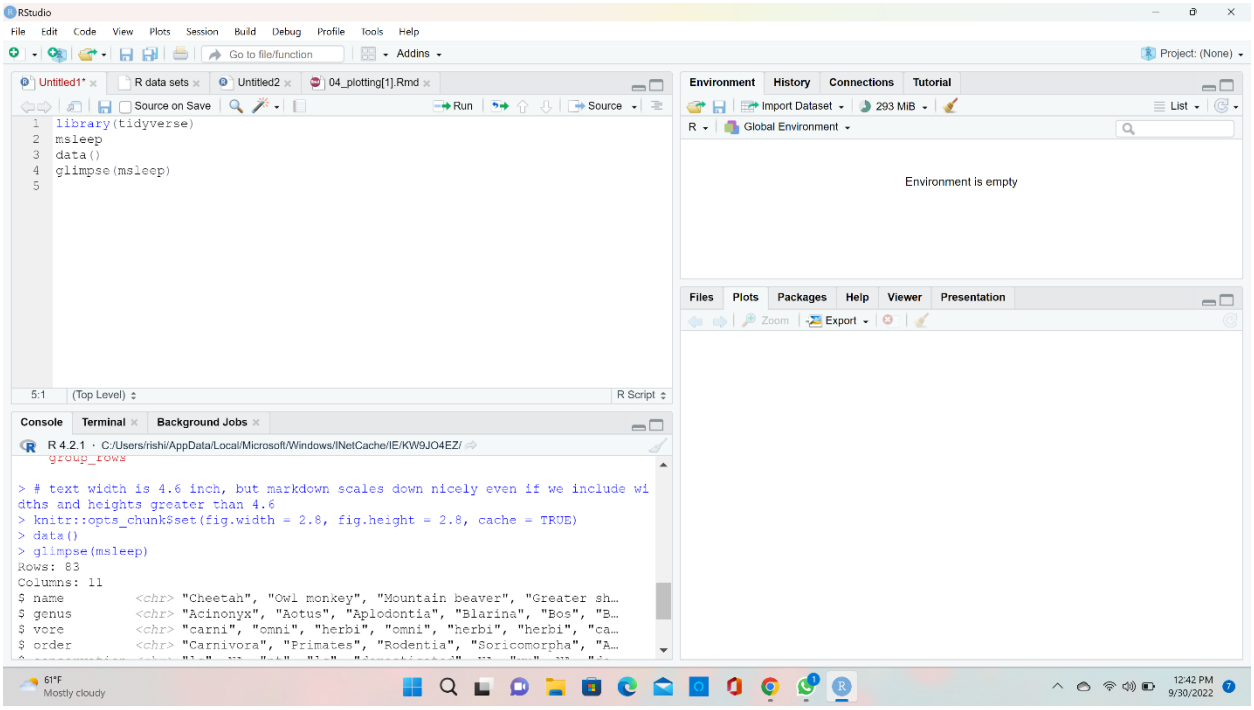



RStudio
File Edit Code View Plots Session Build Debug Profile Tools Help
Untitled1* R data sets R data sets R data sets Untitled2 04_plotting[1].Rm
Source on Save Run Source
1 library(tidyverse)
2 msleep
3 data()
4
5 #single numeric
6
7 ms
8 theme_bw(base_size = 11, base_family = "", base_line_size = base_size/22, base_rect_size = base_size/22)
9 geom_histogram(brnwidth = 1, fill = "#97B3C6")+
10 theme_bw()
11
12 msleep %>%
13 #filter(bodywt < 2) %>%
14 ggplot(aes(bodywt, brainwt))+
15 geom_point(aes(color = sleep_total,
16 size = awake))+
17 #geom_smooth()+
10:3 (Top Level) R Script
Console Terminal Background Jobs
R 4.2.1 · C:/Users/rishi/AppData/Local/Microsoft/Windows/INetCache/IE/KW9JO4EZ/
+ geom_histogram(brnwidth = 1, fill = "#97B3C6")
`stat_bin()` using `bins = 30`. Pick better value with `binwidth`.
Warning message:
Ignoring unknown parameters: brnwidth
> msleep %>%
+ ggplot(aes(x = awake))+
+ geom_histogram(brnwidth = 1, fill = "#97B3C6")+
+ theme_bw()
`stat_bin()` using `bins = 30`. Pick better value with `binwidth`.
Warning message:
Ignoring unknown parameters: brnwidth
>
Environment History Connections Tutorial
Import Dataset 662 MiB List
R Global Environment
Environment is empty
Files Plots Packages Help Viewer Presentation
Zoom Export Publish
count
awake
0 2 4 6
5 10 15 20
61°F Mostly cloudy
1:04 PM 9/30/2022

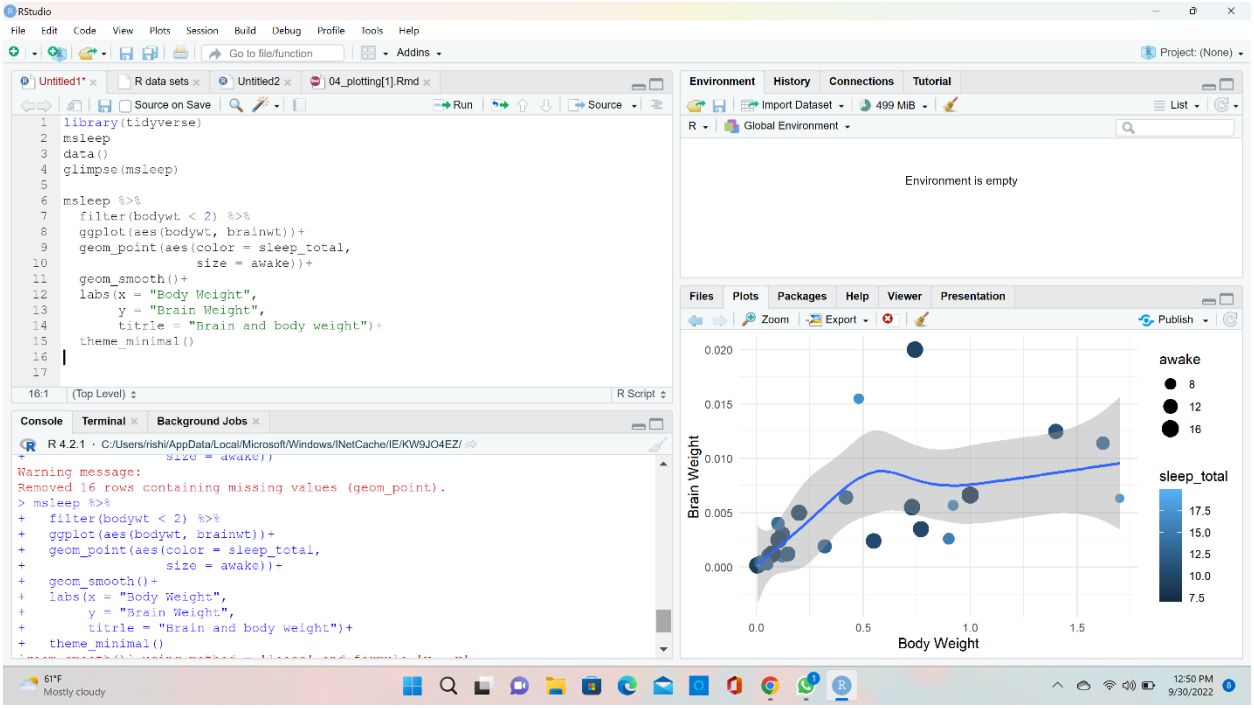

RStudio
File Edit Code View Plots Session Build Debug Profile Tools Help
Untitled1* R data sets R data sets R data sets Untitled2 04_plotting[1].Rm
Source on Save Run Source
1 library(tidyverse)
2 msleep
3 data()
4
5 #single numeric
6
7 msleep %>%
8 ggplot(aes(x = awake))+
9 geom_histogram(brnwidth = 1, fill = "#97B3C6")+
10 theme_bw()+
11 labs(x = "Total sleep",
12 y = NULL,
13 title = "Histogram of total sleep")
14
15 msleep %>%
16 #filter(bodywt < 2) %>%
17 ggplot(aes(bodywt, brainwt))+
11:2 (Top Level) R Script
Console Terminal Background Jobs
R 4.2.1 · C:/Users/rishi/AppData/Local/Microsoft/Windows/INetCache/IE/KW9JO4EZ/
Ignoring unknown parameters: brnwidth
> msleep %>%
+ ggplot(aes(x = awake))+
+ geom_histogram(brnwidth = 1, fill = "#97B3C6")+
+ theme_bw()+
+ labs(x = "Total sleep",
+ y = NULL,
+ title = "Histogram of total sleep")
`stat_bin()` using `bins = 30`. Pick better value with `binwidth`.
Warning message:
Ignoring unknown parameters: brnwidth
>
Environment History Connections Tutorial
Import Dataset 662 MiB List
R Global Environment
Environment is empty
Files Plots Packages Help Viewer Presentation
Zoom Export Publish
Histogram of total sleep
Total sleep
0 2 4 6
5 10 15 20
61°F Mostly cloudy
1:06 PM 9/30/2022



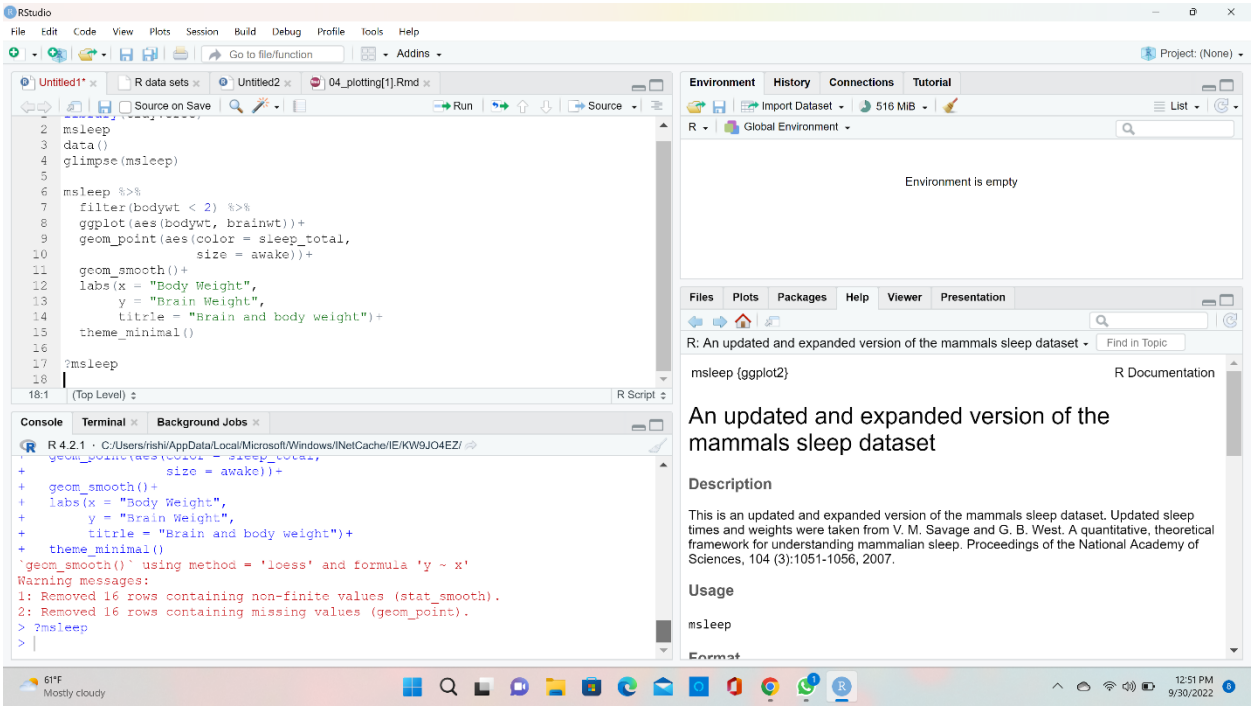
Two or more Numerics.

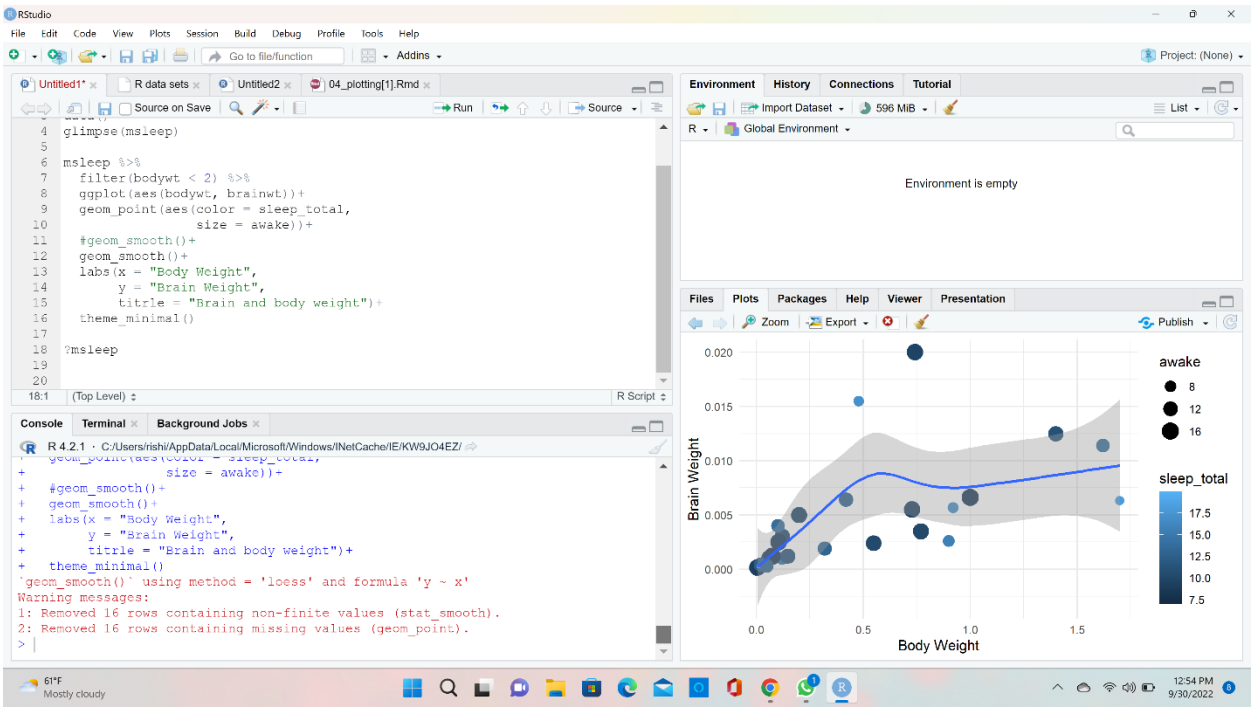


Geom_Point() appliction

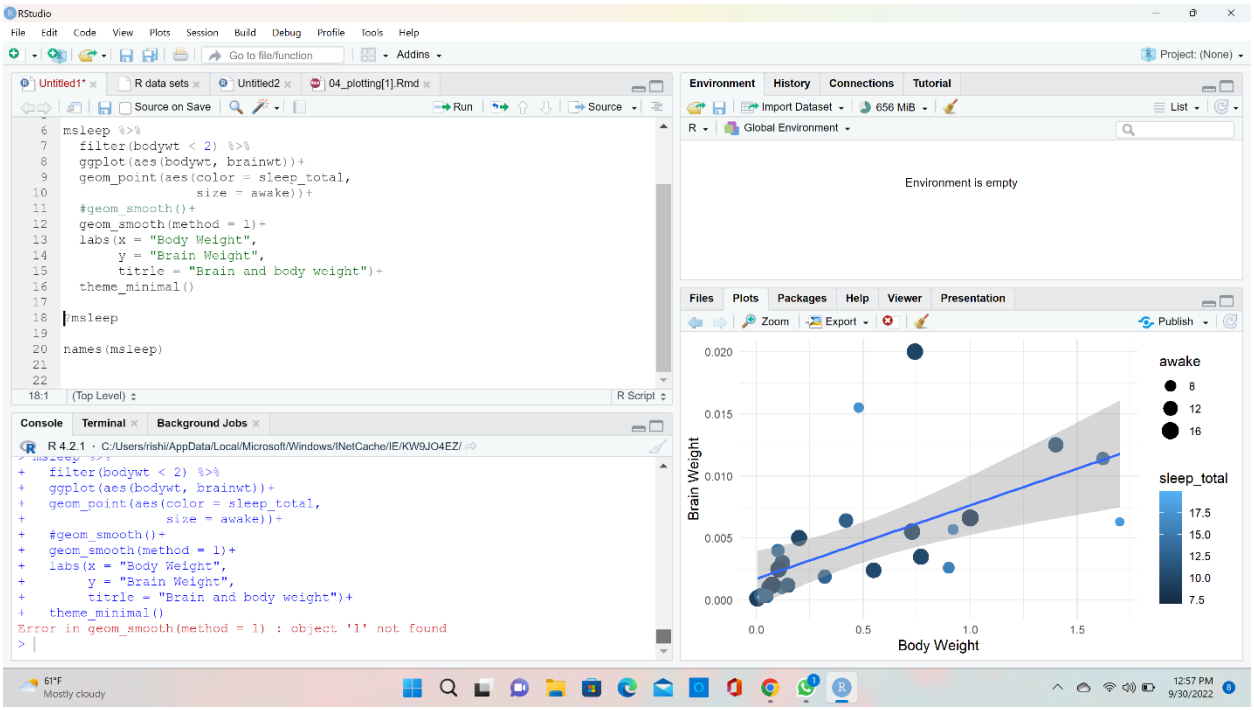


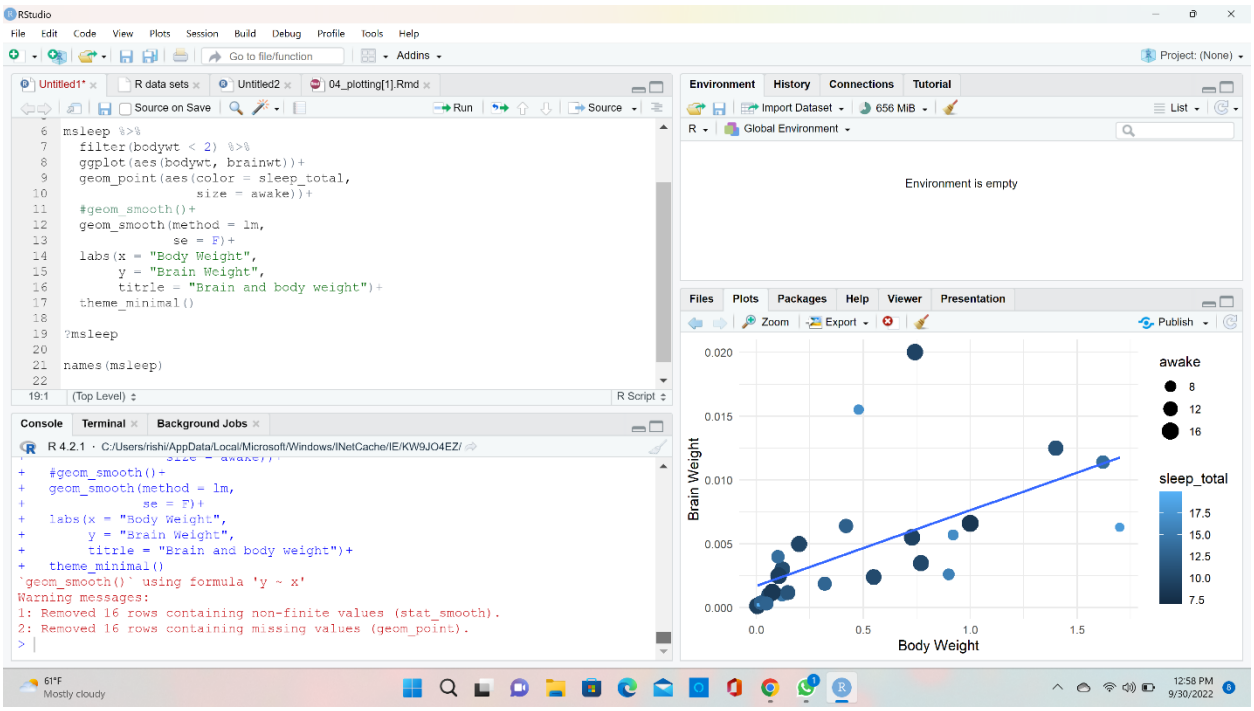
Geom_Smooth()+ appliction

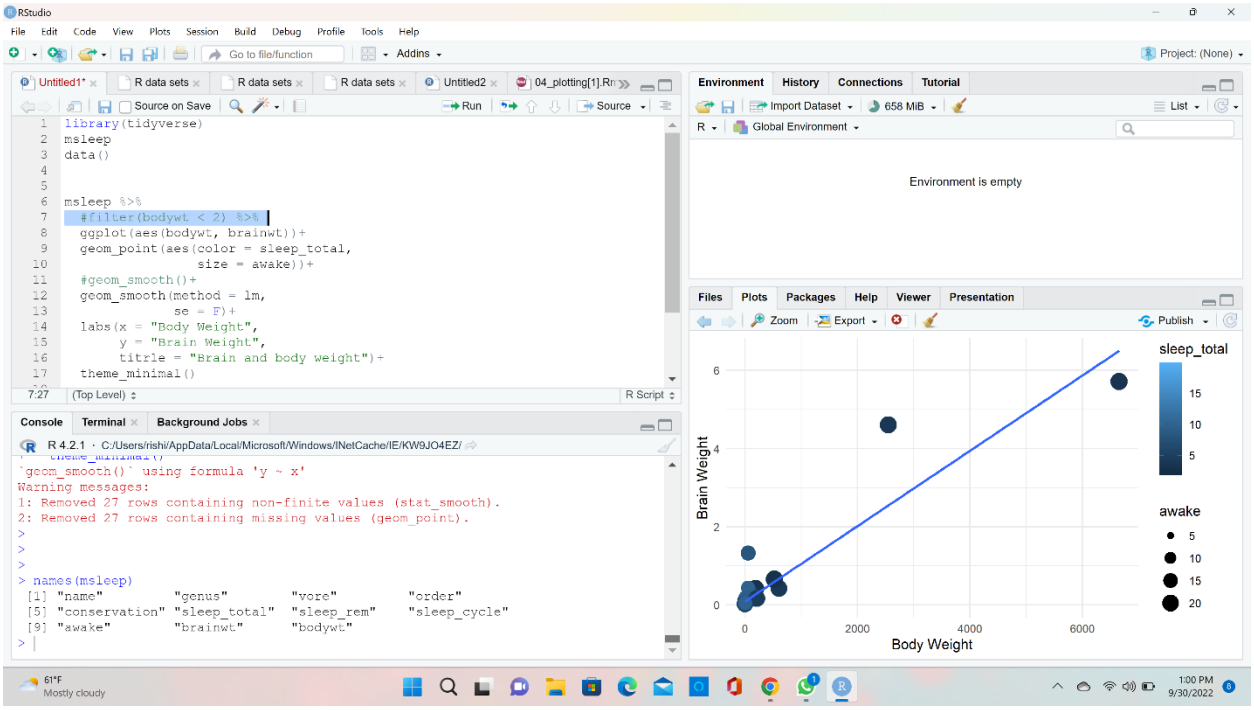




theme_minimal()




RStudio
File Edit Code View Plots Session Build Debug Profile Tools Help
Untitled1* R data sets Untitled2 04_plotting[1].Rmd
Source on Save Run Source
msleep %>%
filter(bodywt < 2) %>%
ggplot(aes(bodywt, brainwt))+
geom_point(aes(color = sleep_total,
size = awake))+
#geom_smooth()+
geom_smooth(method = lm,
se = F)+
labs(x = "Body Weight",
y = "Brain Weight",
titrle = "Brain and body weight")+
theme_minimal()
?msleep
names(msleep)
19:1 (Top Level) R Script
Console Terminal Background Jobs
R 4.2.1 · C:/Users/rishi/AppData/Local/Microsoft/Windows/INetCache/IE/KW9JO4EZ/
`geom_smooth()` using formula 'y ~ x'
Warning messages:
1: Removed 16 rows containing non-finite values (stat_smooth).
2: Removed 16 rows containing missing values (geom_point).
Environment History Connections Tutorial
Import Dataset 656 MiB List
R Global Environment
Environment is empty
Files Plots Packages Help Viewer Presentation
Zoom Export Publish
Brain Weight
Body Weight
awake
sleep_total
61°F Mostly cloudy
12:58 PM 9/30/2022


RStudio
File Edit Code View Plots Session Build Debug Profile Tools Help
Untitled1* R data sets R data sets R data sets Untitled2 04_plotting[1].Rm
Source on Save Run Source
library(tidyverse)
msleep
data()
msleep %>%
#filter(bodywt < 2) %>%
ggplot(aes(bodywt, brainwt))+
geom_point(aes(color = sleep_total,
size = awake))+
#geom_smooth()+
geom_smooth(method = lm,
se = F)+
labs(x = "Body Weight",
y = "Brain WeighL",
titrle = "Brain and body weight")+
theme_minimal()
7:27 (Top Level) R Script
Console Terminal Background Jobs
R 4.2.1 · C:/Users/rishi/AppData/Local/Microsoft/Windows/INetCache/IE/KW9JO4EZ/
`geom_smooth()` using formula 'y ~ x'
Warning messages:
1: Removed 27 rows containing non-finite values (stat_smooth).
2: Removed 27 rows containing missing values (geom_point).
> names(msleep)
[1] "name" "genus" "vore" "order"
[5] "conservation" "sleep_total" "sleep_rem" "sleep_cycle"
[9] "awake" "brainwt" "bodywt"
Environment History Connections Tutorial
Import Dataset 658 MiB List
R Global Environment
Environment is empty
Files Plots Packages Help Viewer Presentation
Zoom Export Publish
Brain Weight
Body Weight
sleep_total
awake
61°F Mostly cloudy
1:00 PM 9/30/2022