

# Intro to R

Data Visualization with Esquisse

# Esquisse Package

```
#install.packages("esquisse")  
library(esquisse)
```

# Esquisse Package

The [esquisse package](#) is helpful for getting used to creating plots in R.

It is an interactive tool to help you in RStudio.

It's super **nifty**!





# Starting a plot



Using the `esquisser()` function you can start creating a plot for a `data.frame` or `tibble`.


```
esquisser(mtcars)
```

Les grandes personnes ne comprennent jamais rien toutes seules, et c'est fatigant, pour les enfants, de toujours et toujours leur donner des explications. ✕



Esquisse





Auto

mpg

cyl

disp

hp

drat

wt

qsec

vs

am

gear

carb

Variables

X

Y


fill

color


size


group


facet




Aa Labels & Title ▲

 Plot options ▲

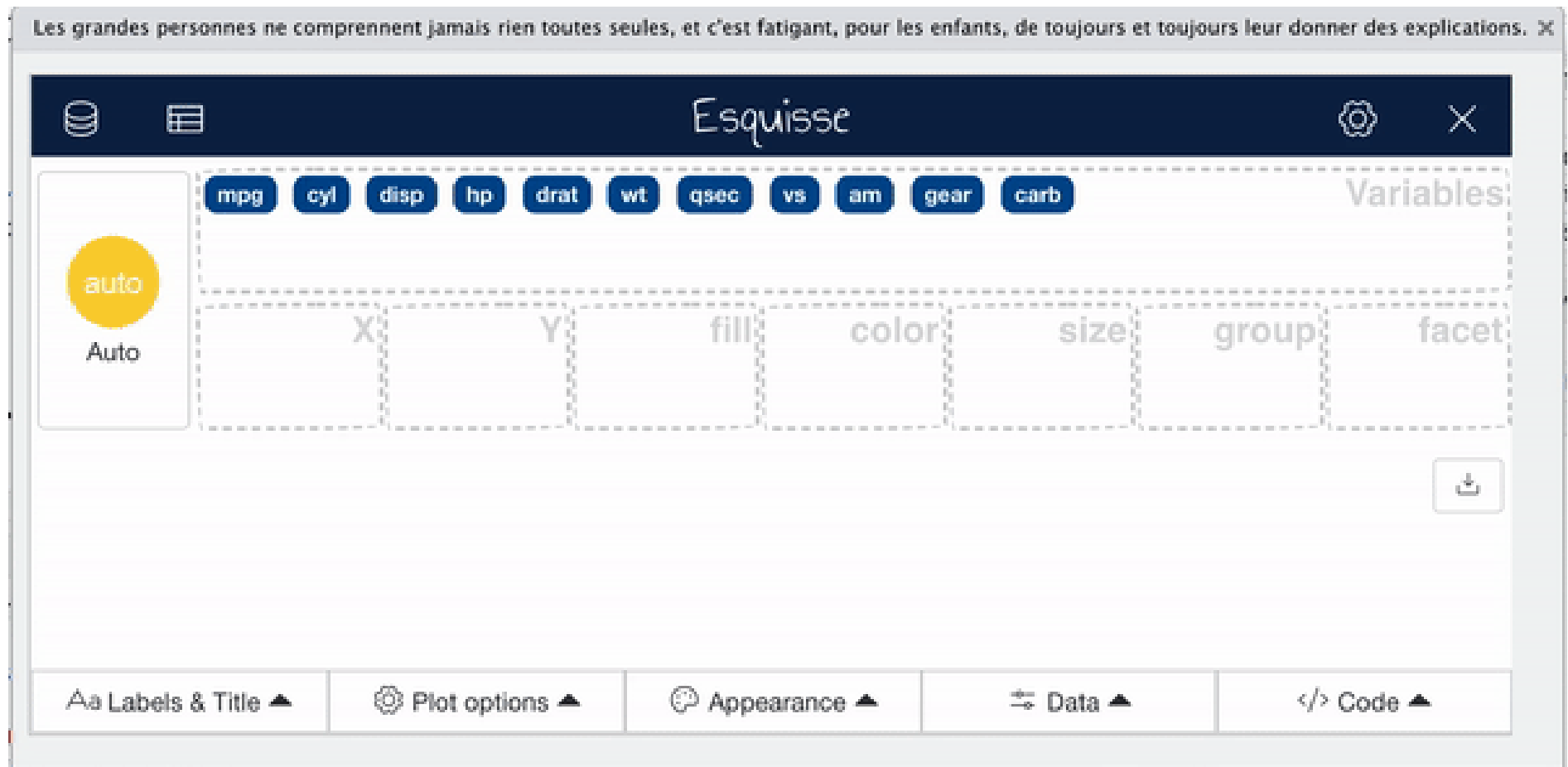
 Appearance ▲

 Data ▲

 Code ▲

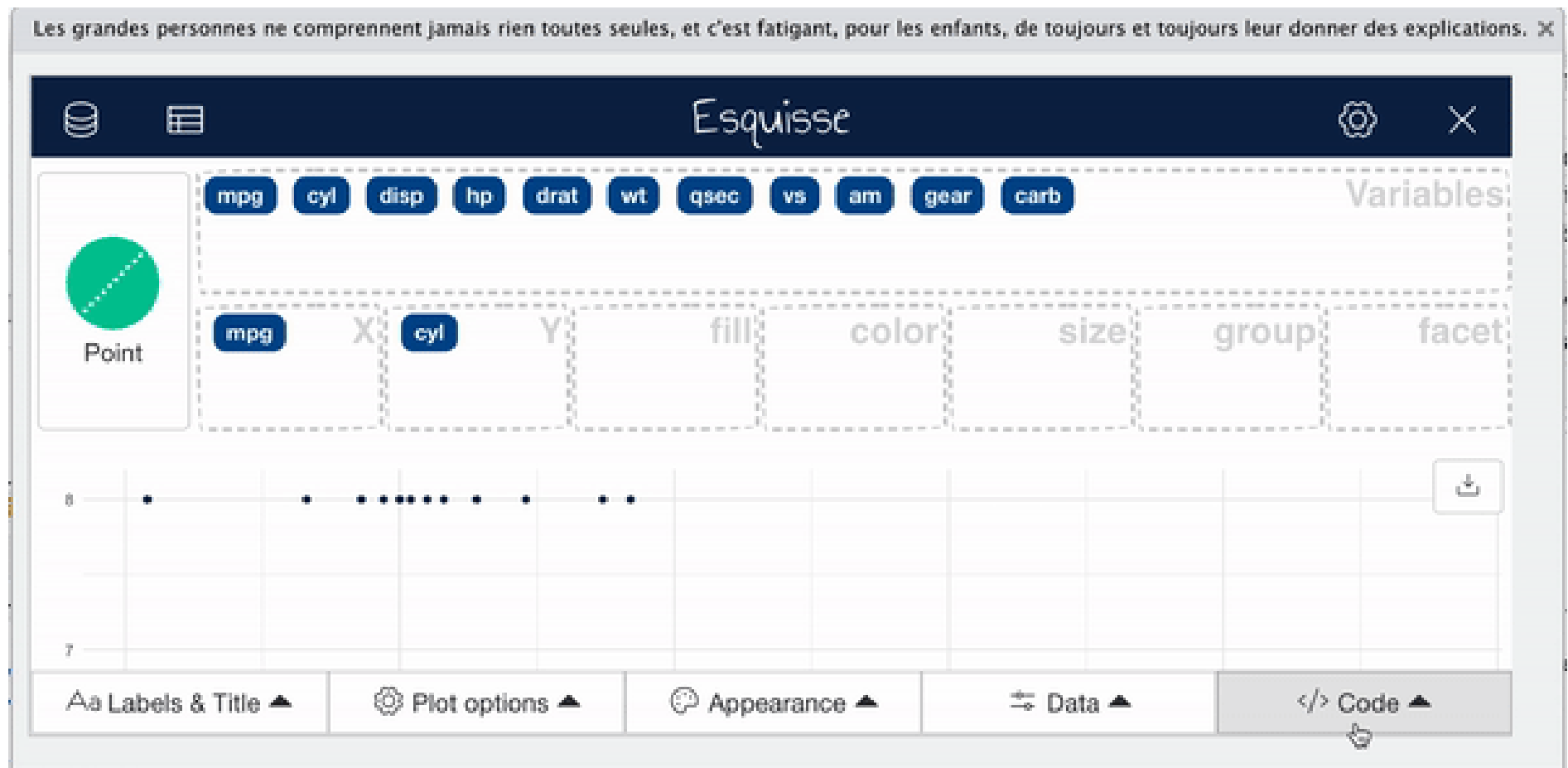
## Select Variables

To select variables you can drag and drop variables to the respective axis that you would like the variable to be plotted on.



## Find code

To select variables you can drag and drop variables to the respective axis that you would like the variable to be plotted on.



# Change plot type

`esquisse` automatically assumes a plot type, but you might want to change this.



## Add Facets

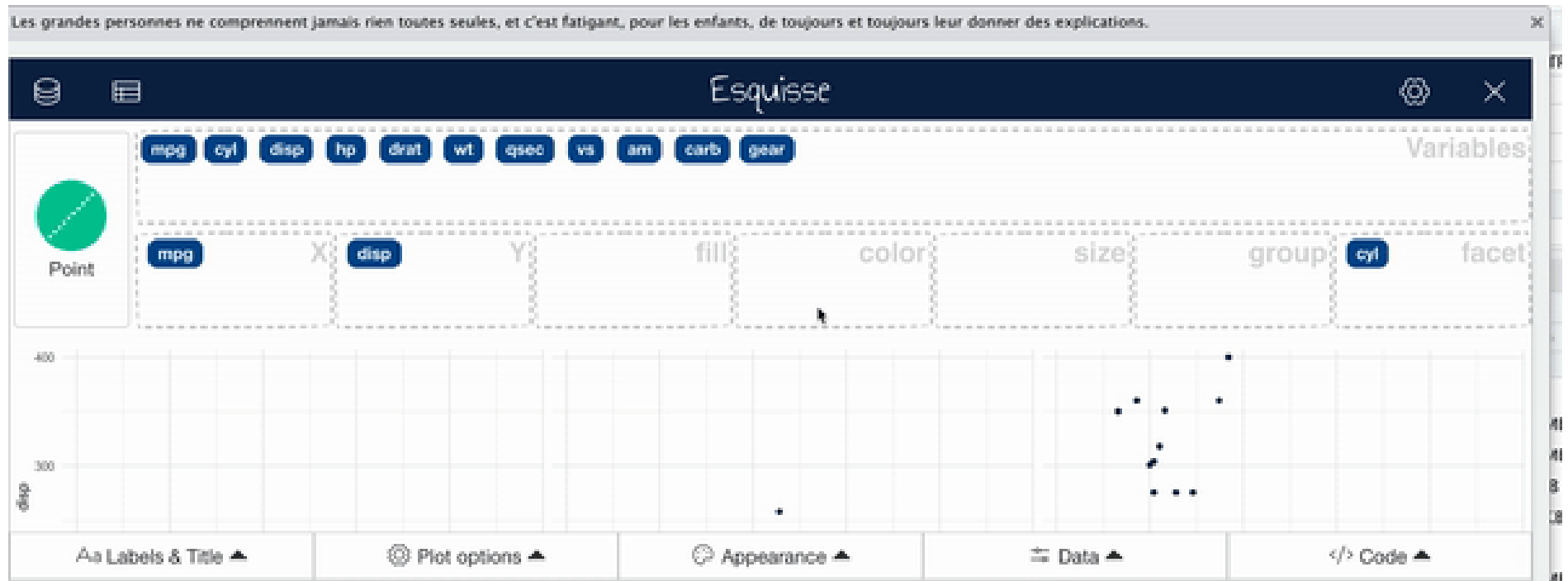
Facets create multiple plots based on the different values of a variable.





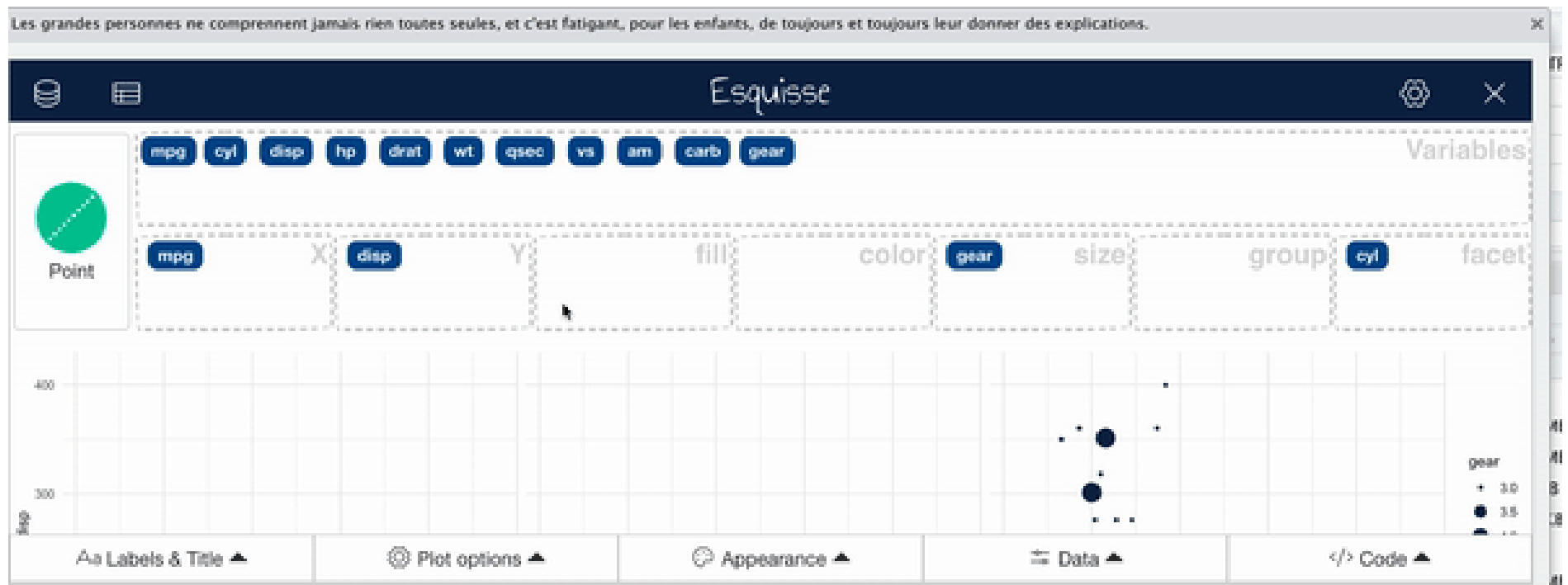
# Add size

Sometimes it is useful to change the way points are plotted so that size represents a variable. This can especially be helpful if you need your plot to be black and white.



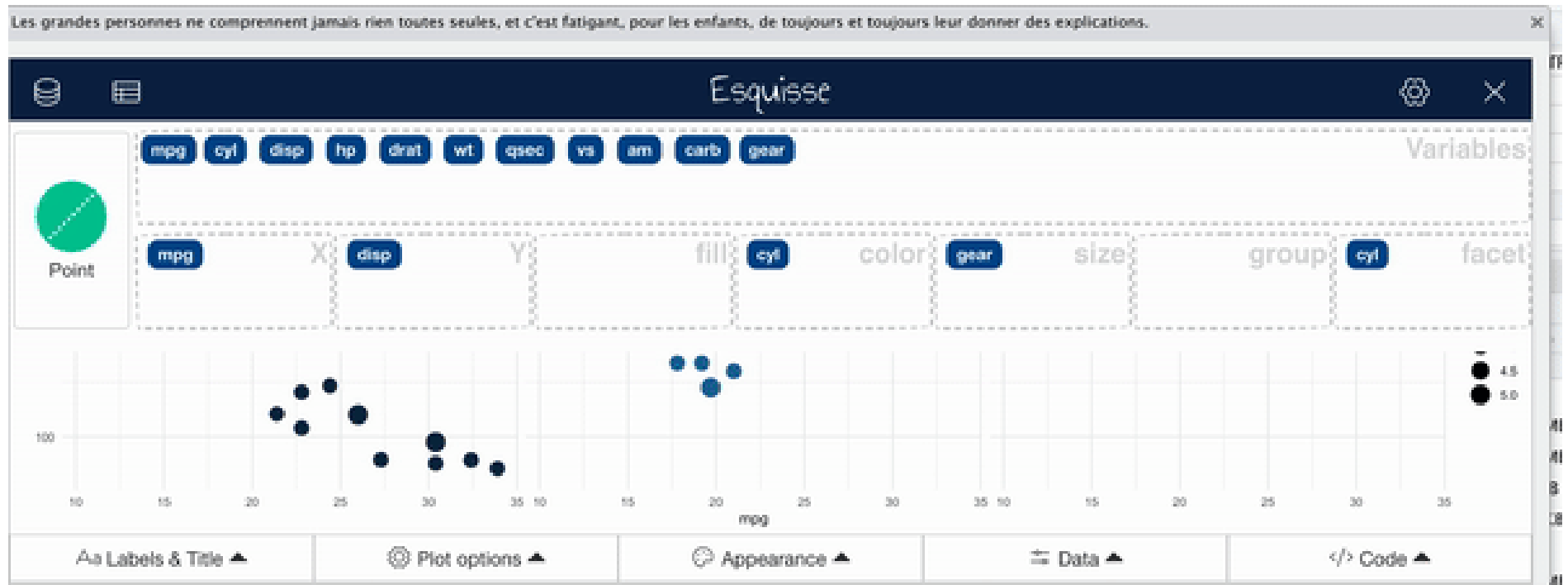
# Add color

For plots with points use the color region to change coloring according to a variable. (use “fill” for bar plots)



# Appearance

You can change the overall appearance with the appearance tab.



# Smooth Lines

Especially when you have a scatter plot, it can be helpful to add a smooth/trend line.



# Change titles

To change titles on your plot, use the titles tab.

