



Species

versicolor

setosa

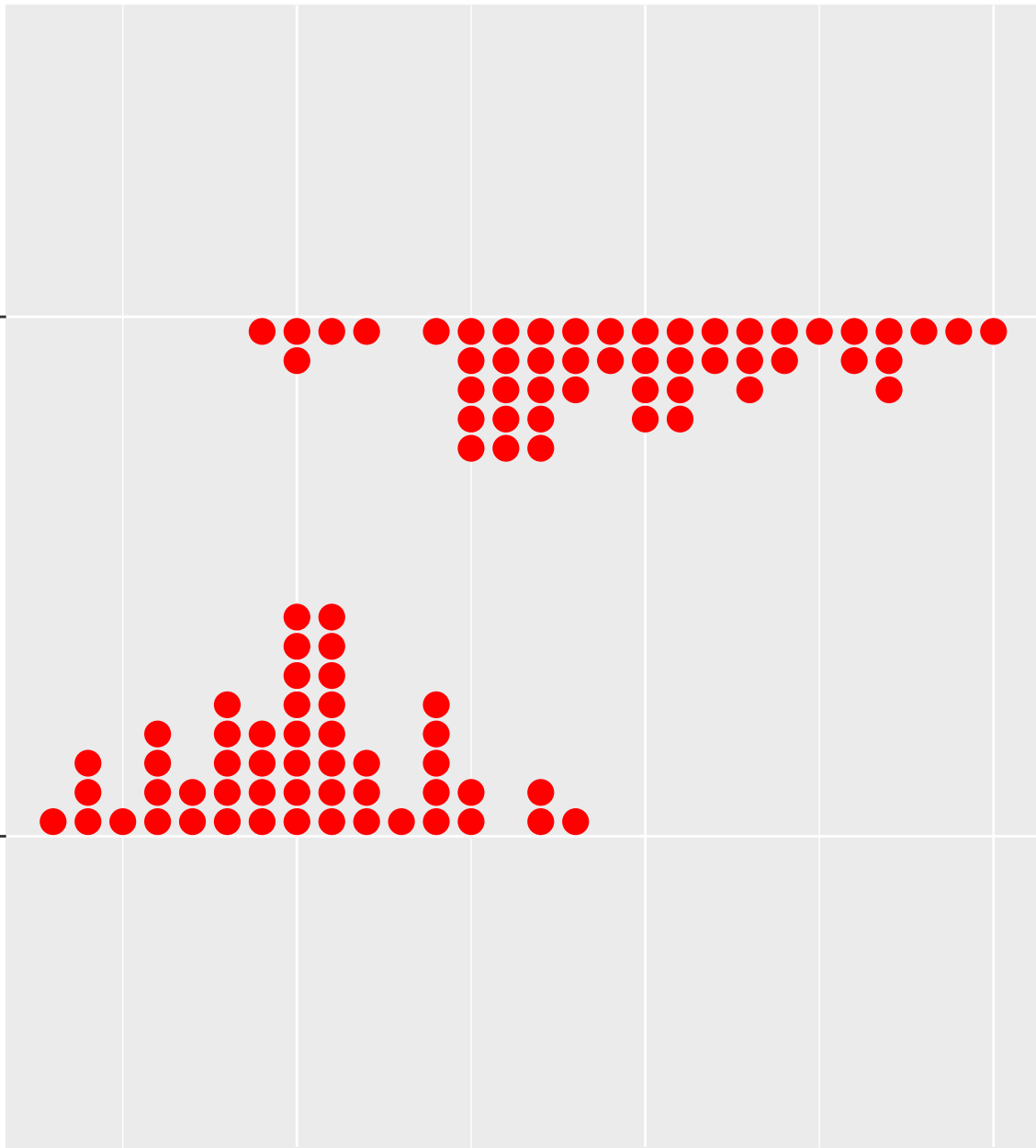
5

6

7

Sepal.Length

help("geom\_binomdensity")



Species

versicolor

setosa

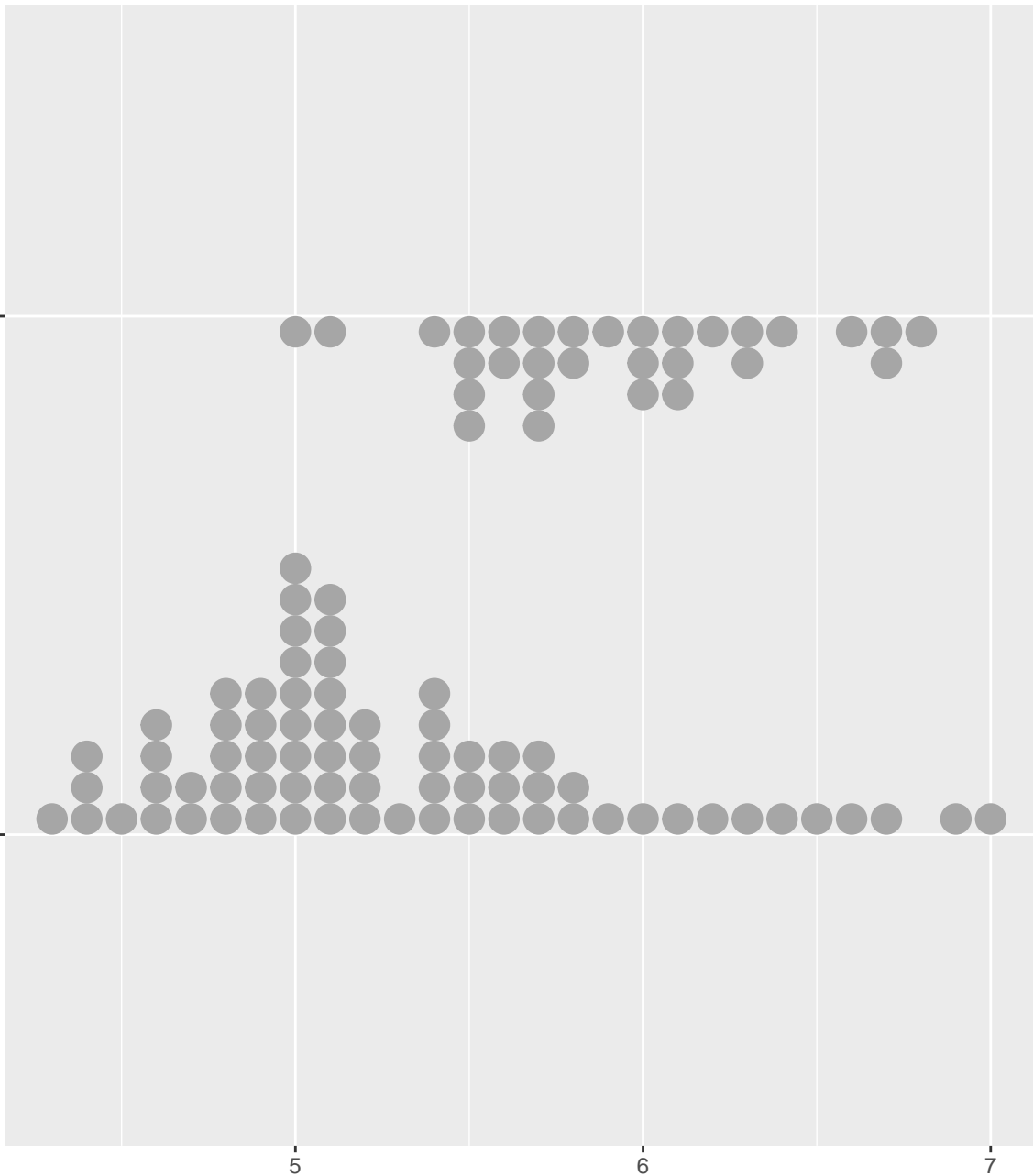
5

6

7

Sepal.Length

help("geom\_binomdensity")



Species

versicolor

setosa

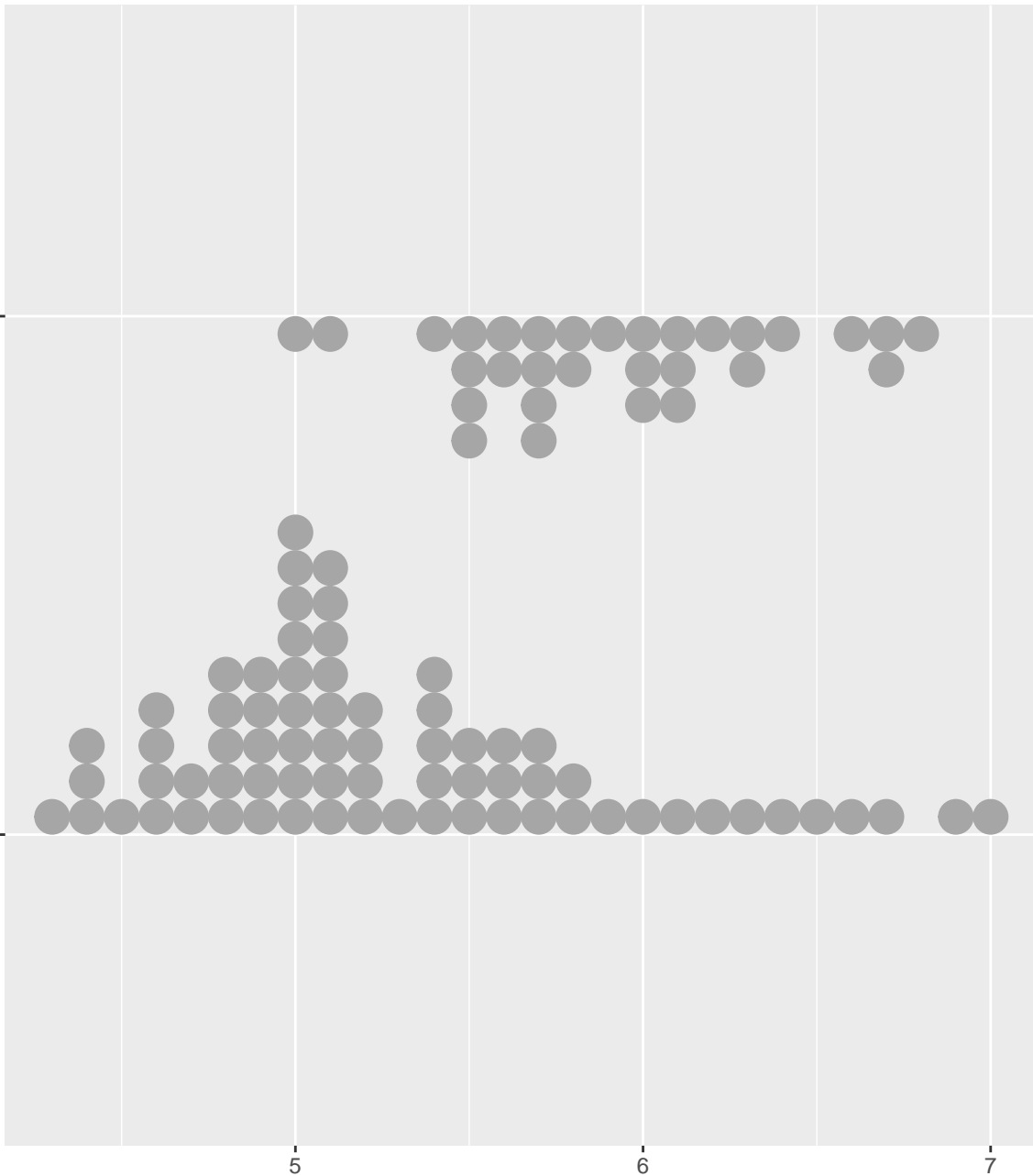
5

6

7

Sepal.Length

help("geom\_binomdensity")



Species

versicolor

setosa

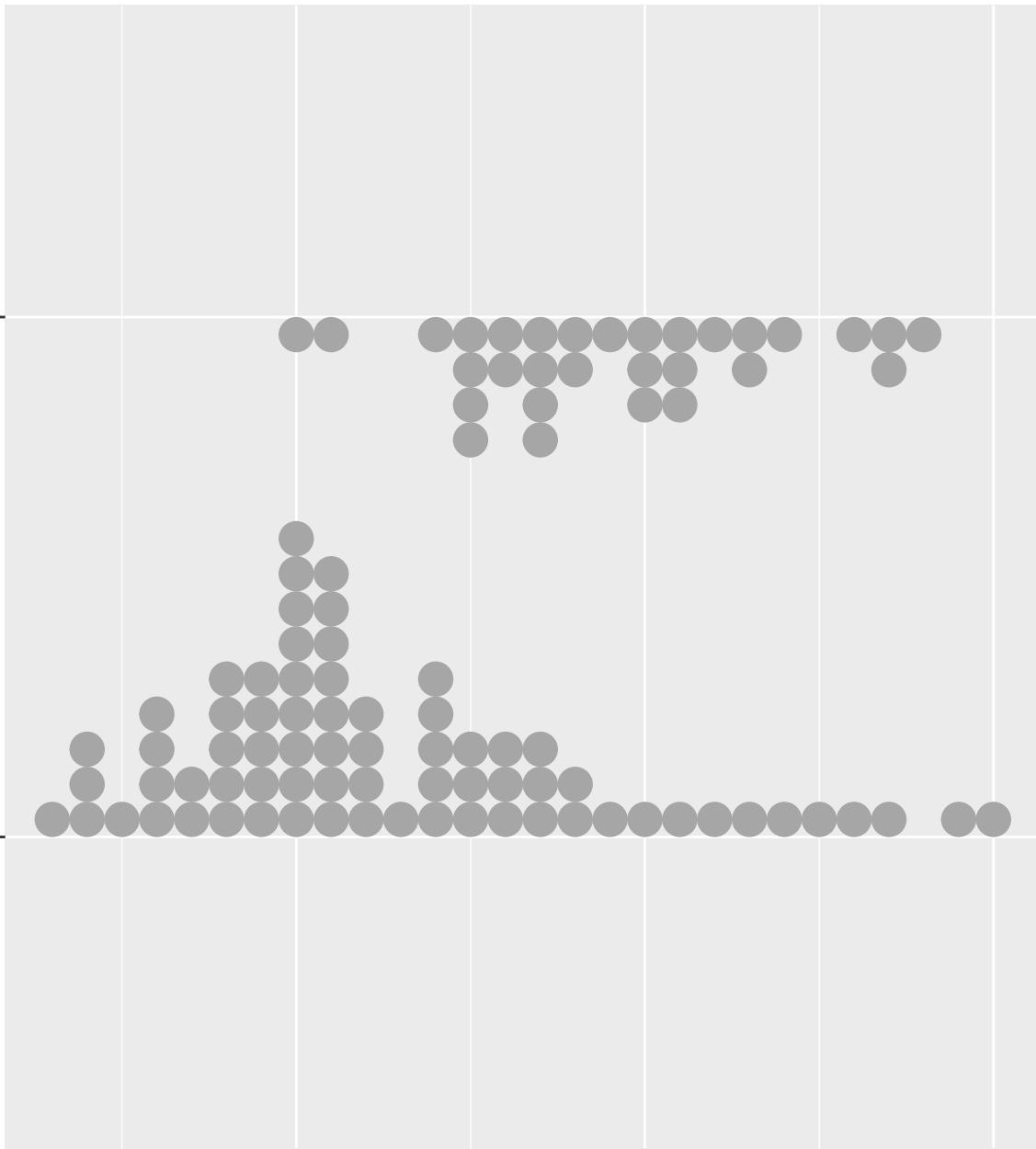
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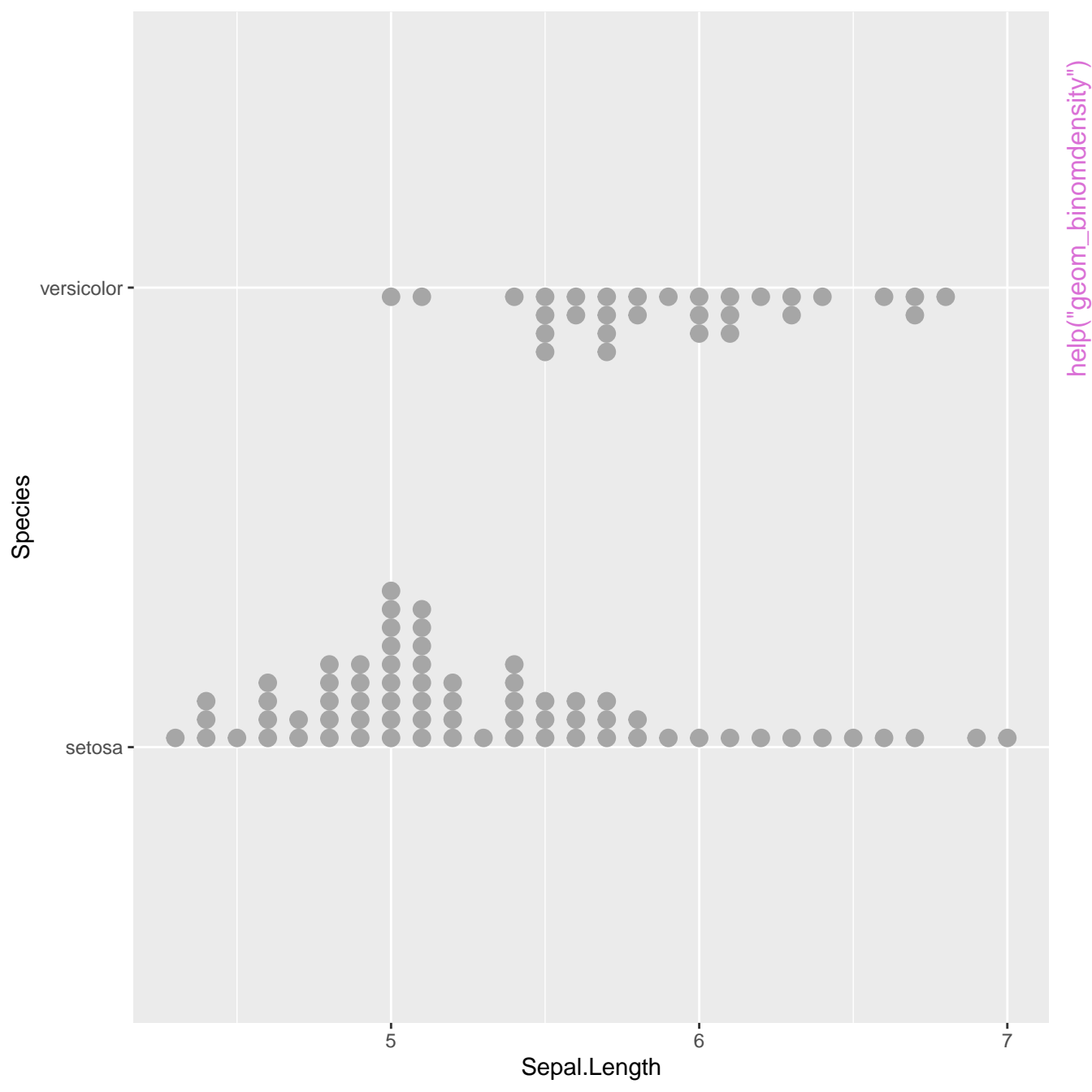
6

7

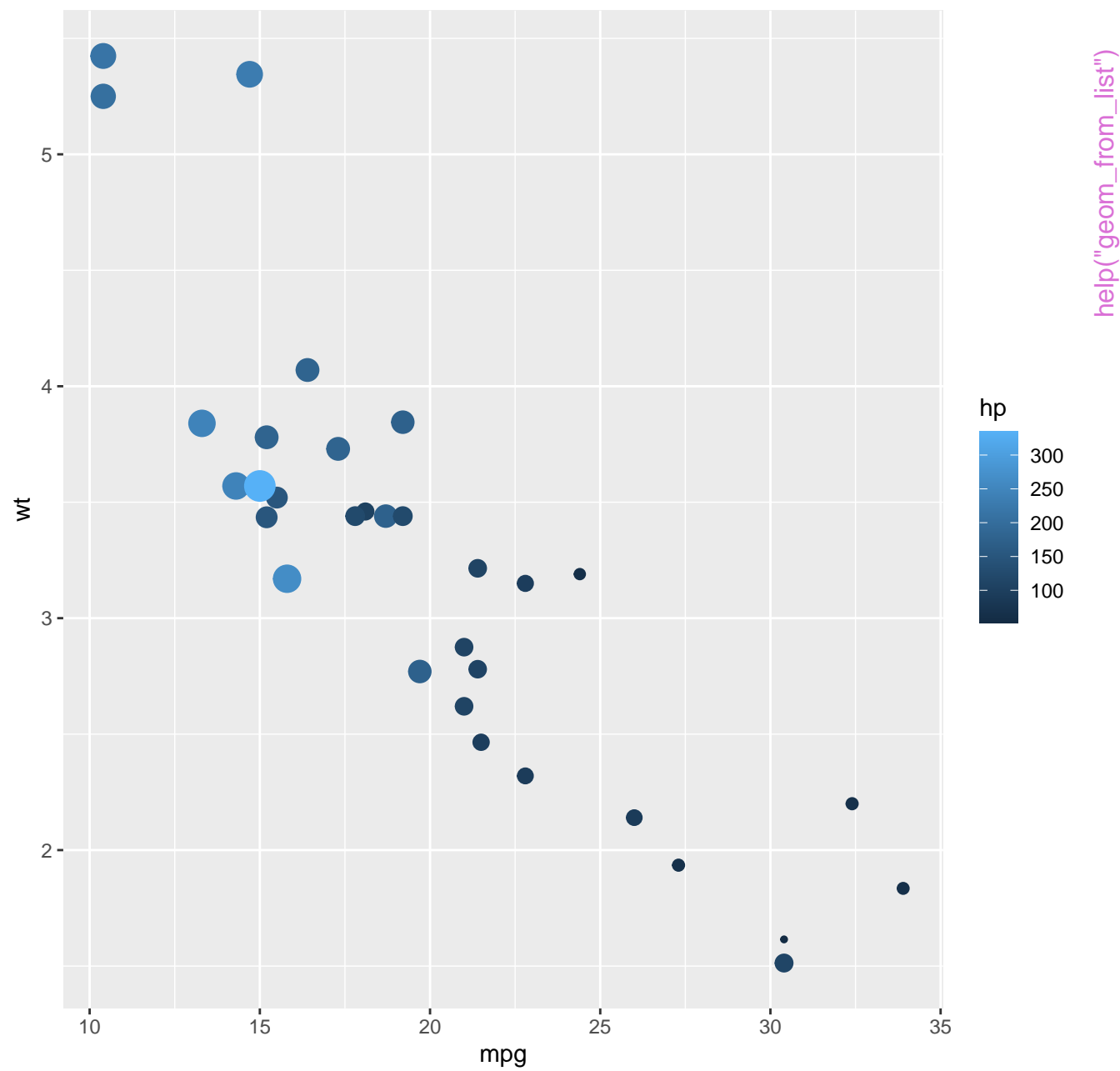
Sepal.Length

help("geom\_binomdensity")

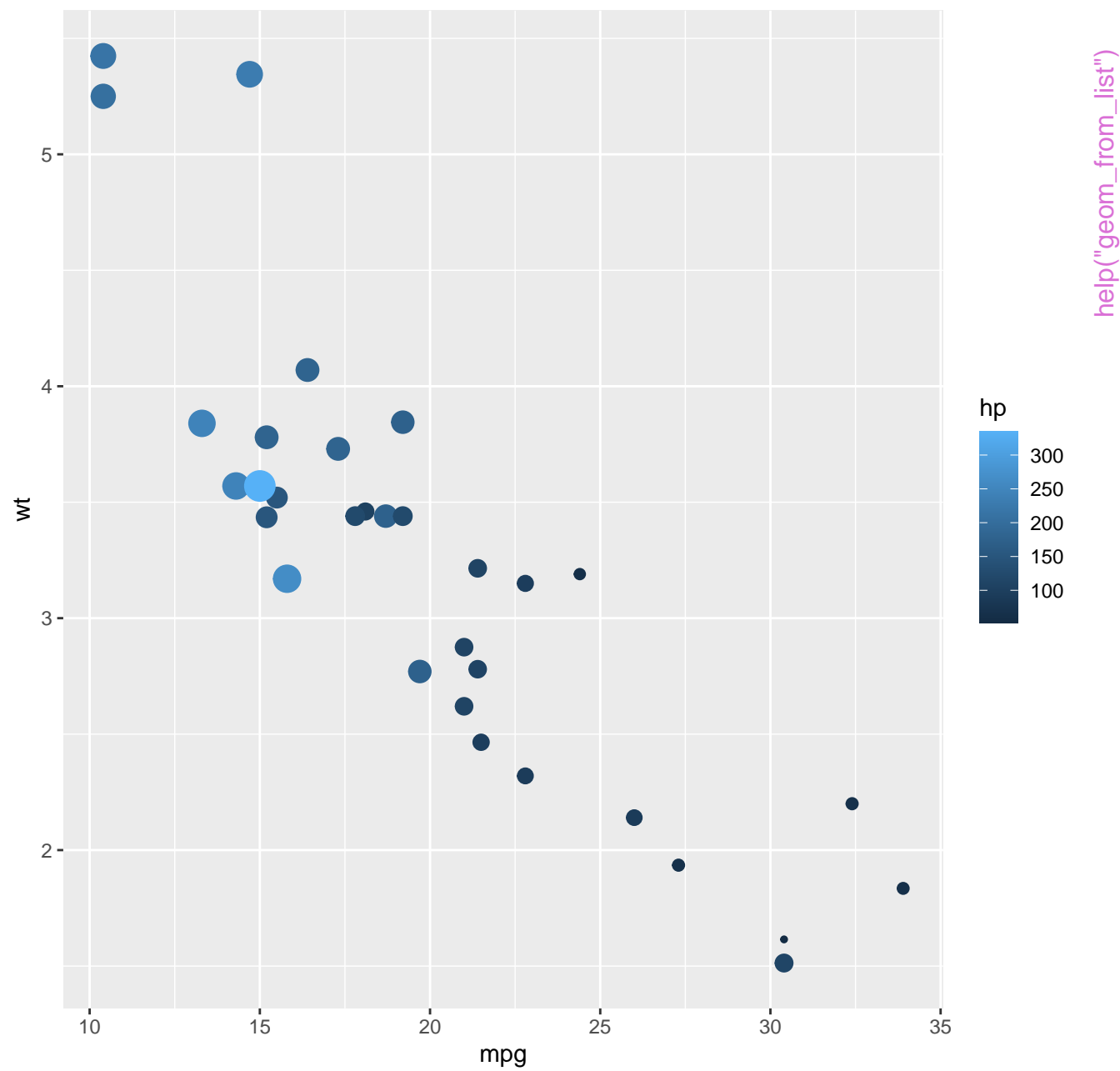




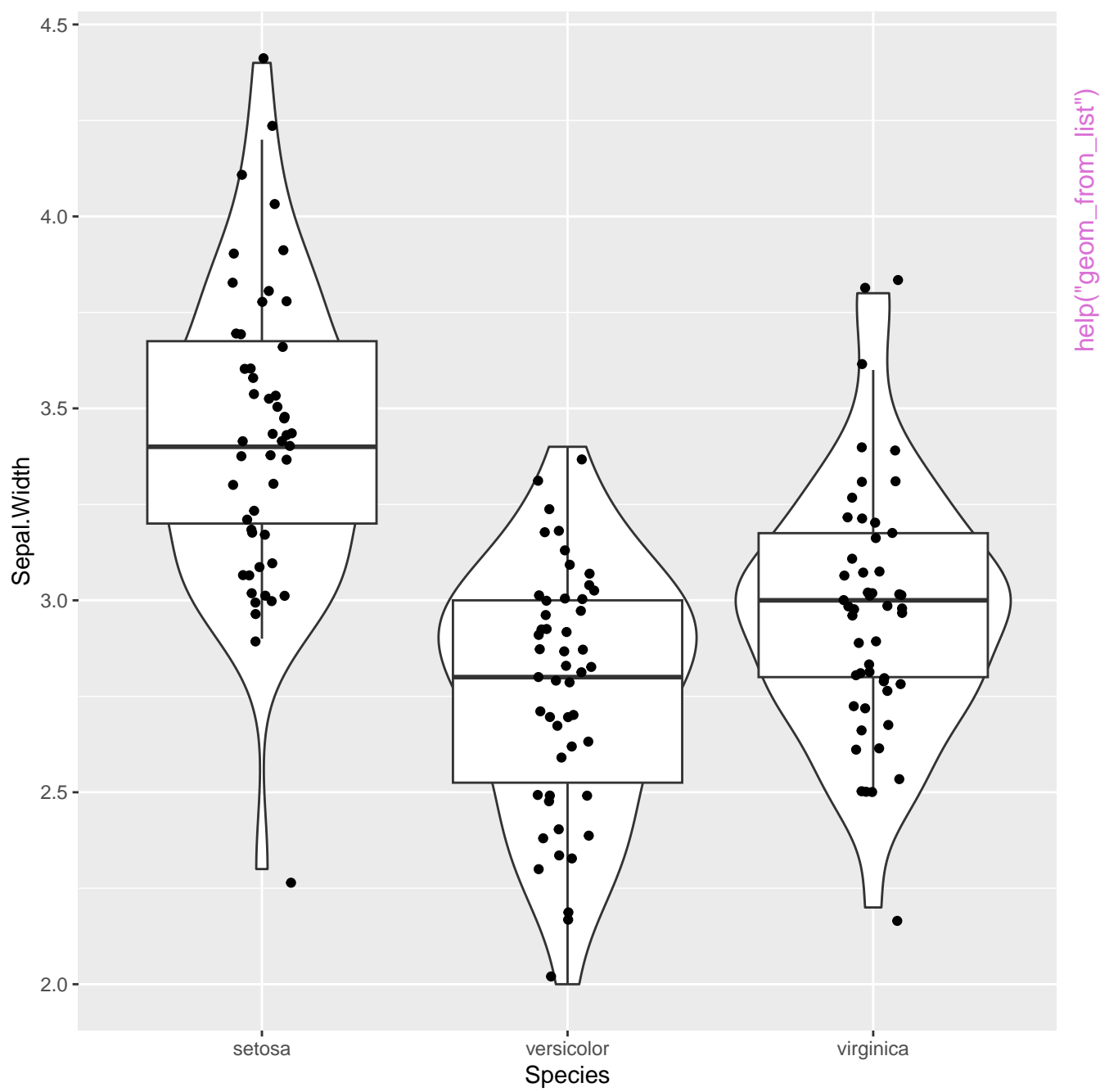
A Title

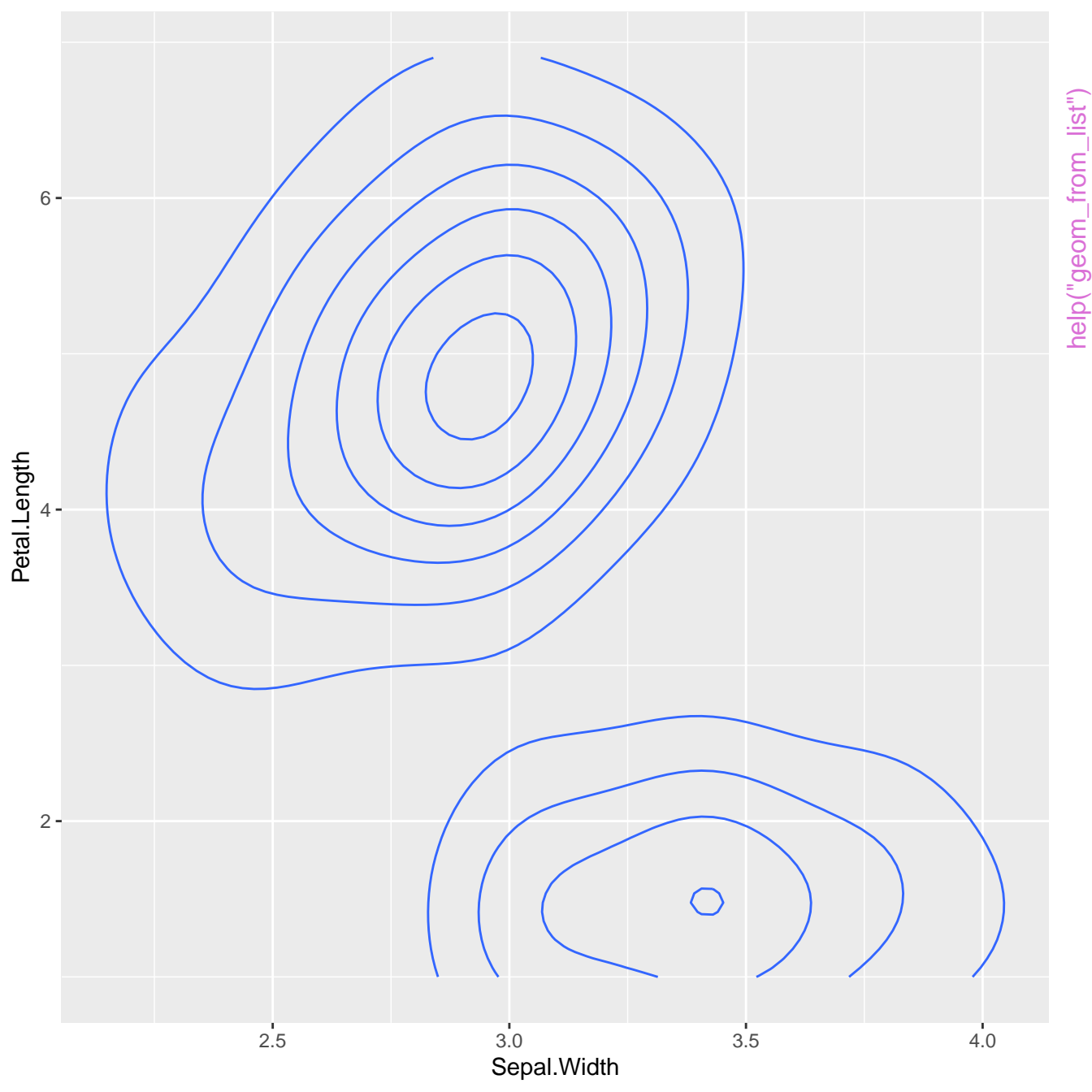


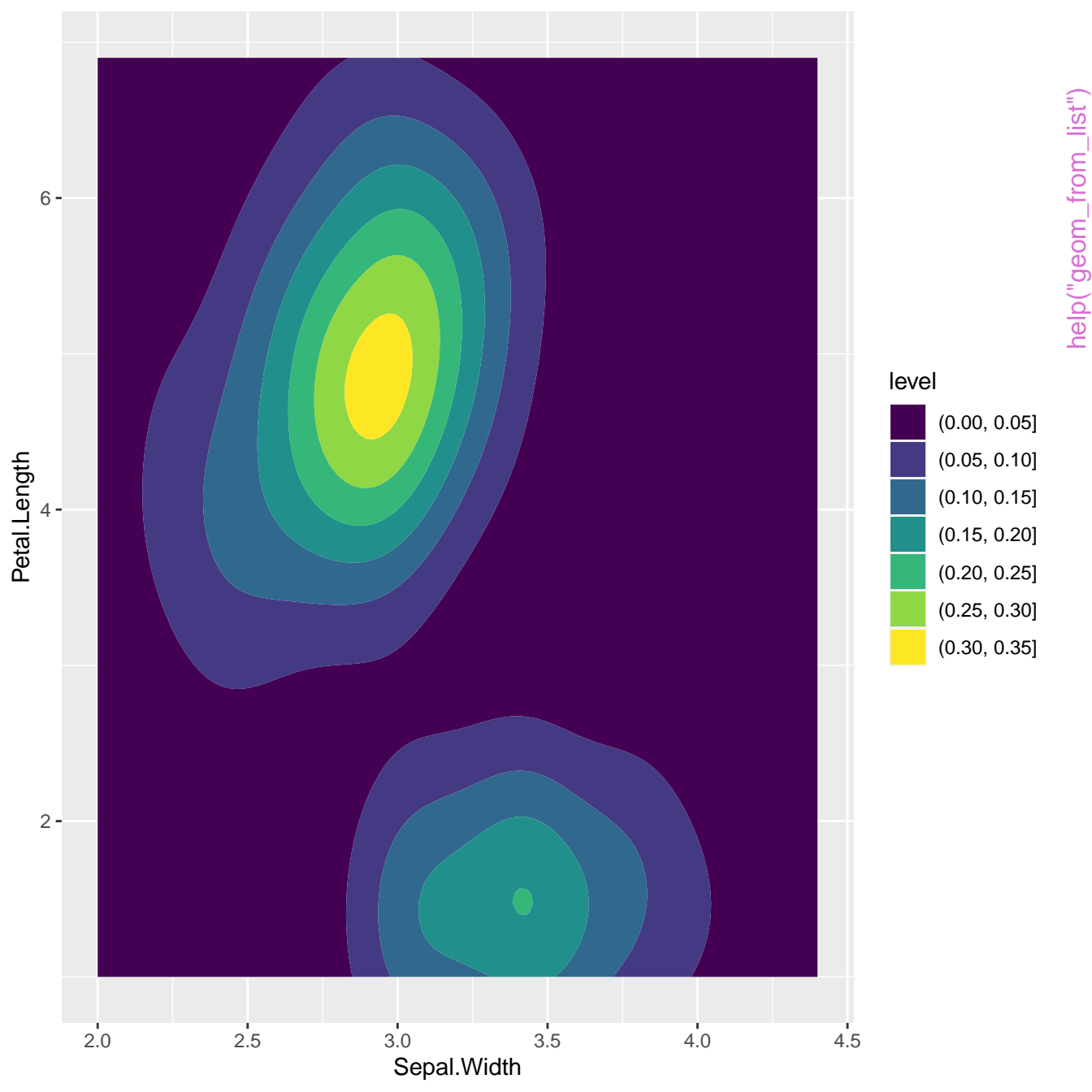
A Title

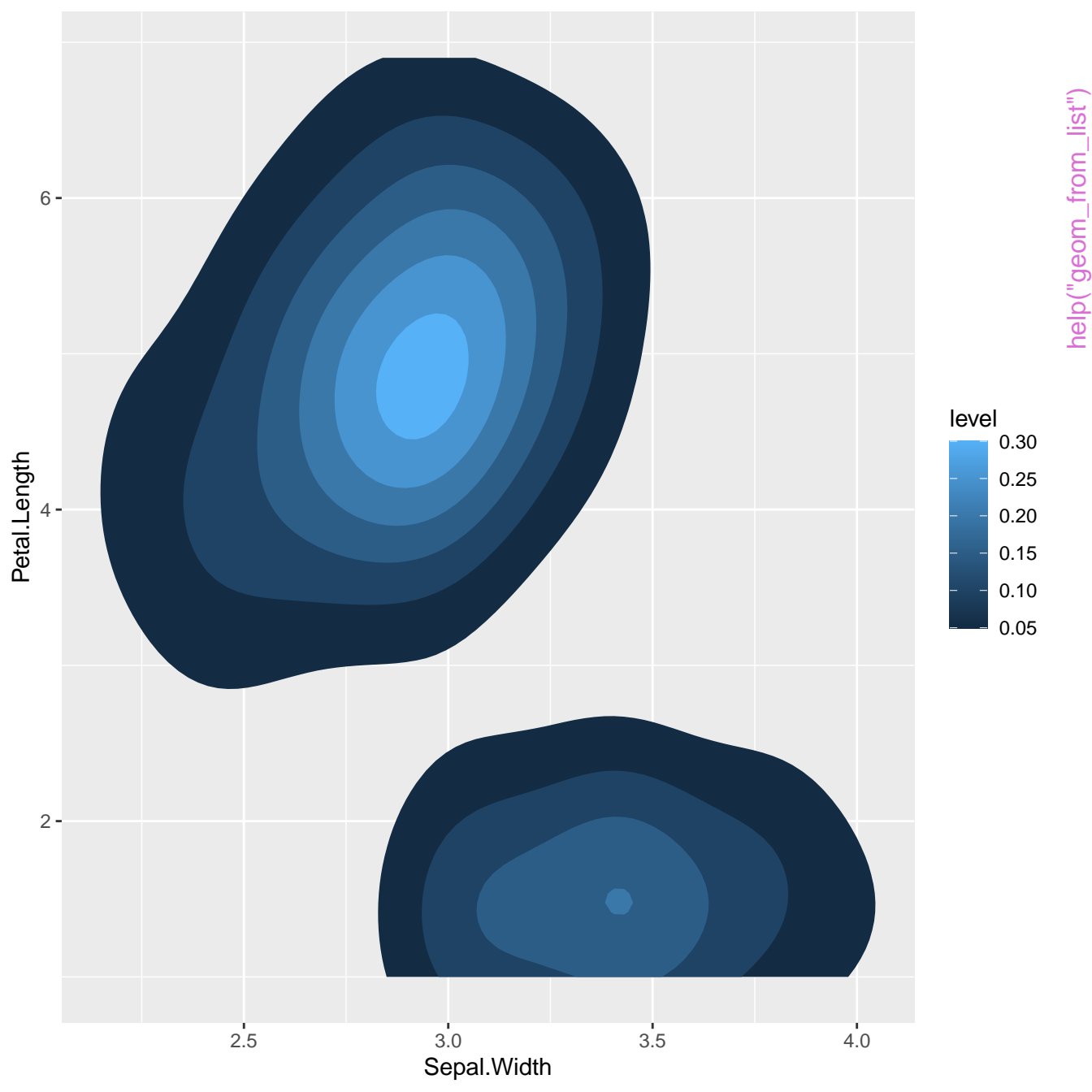


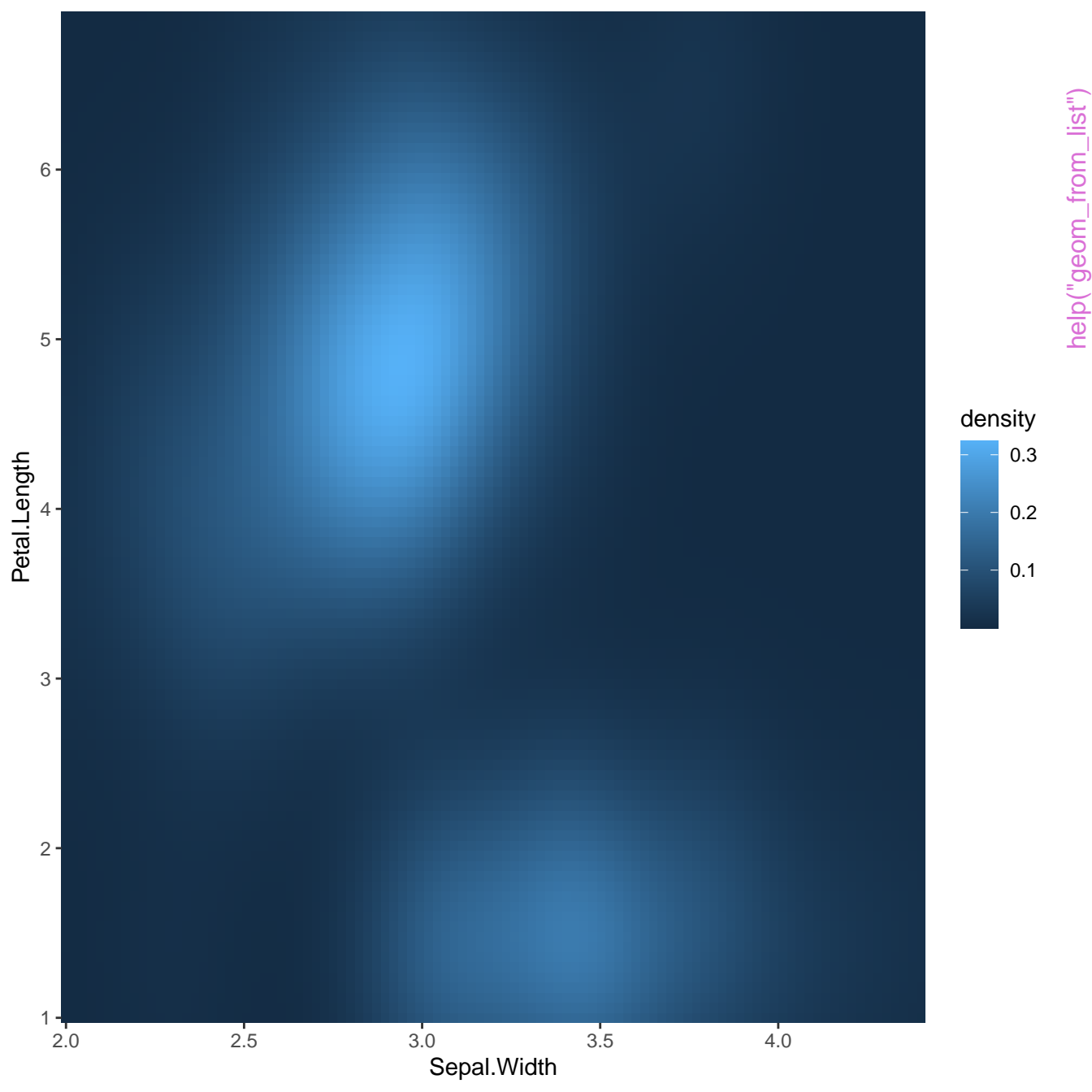


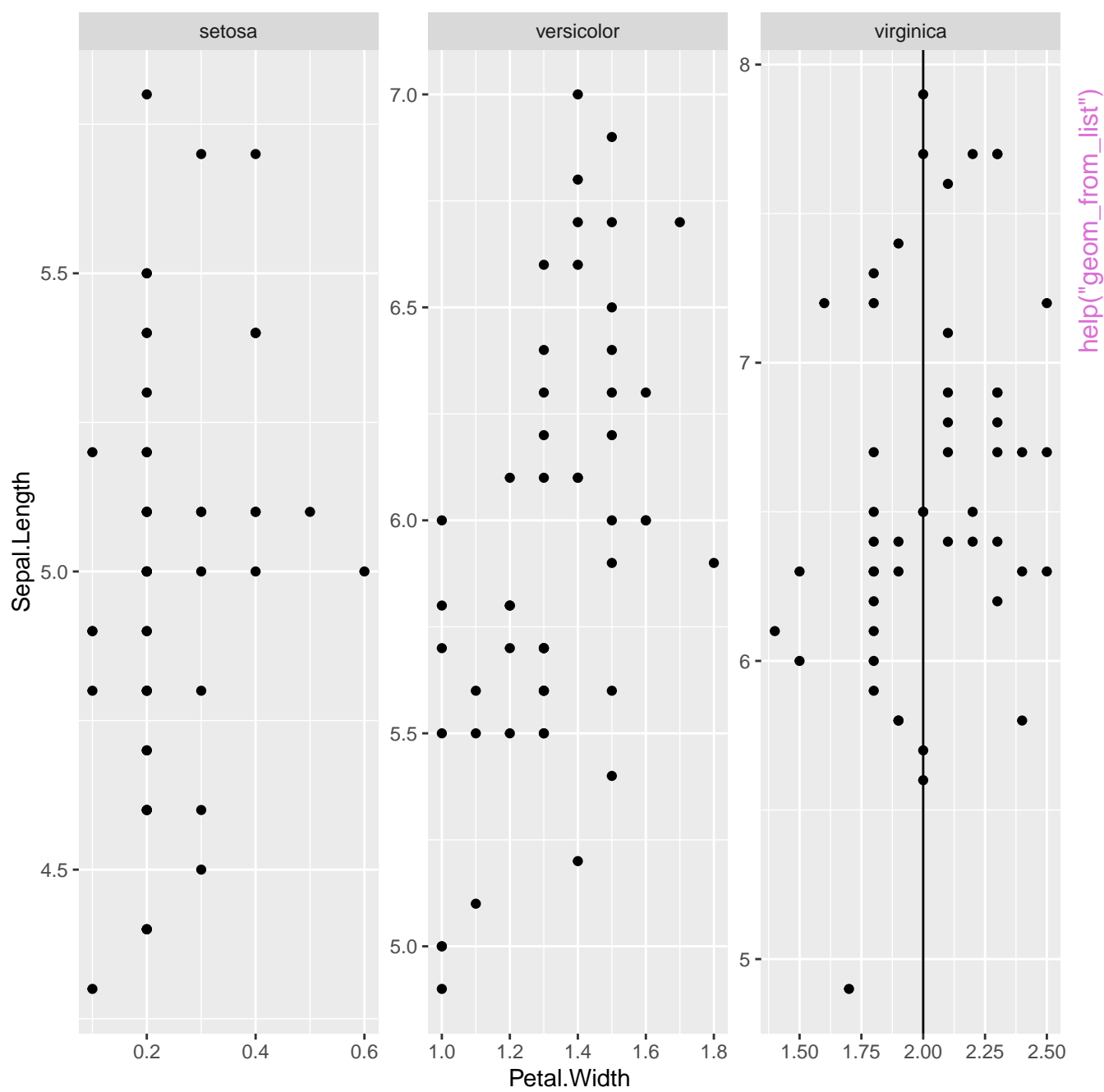


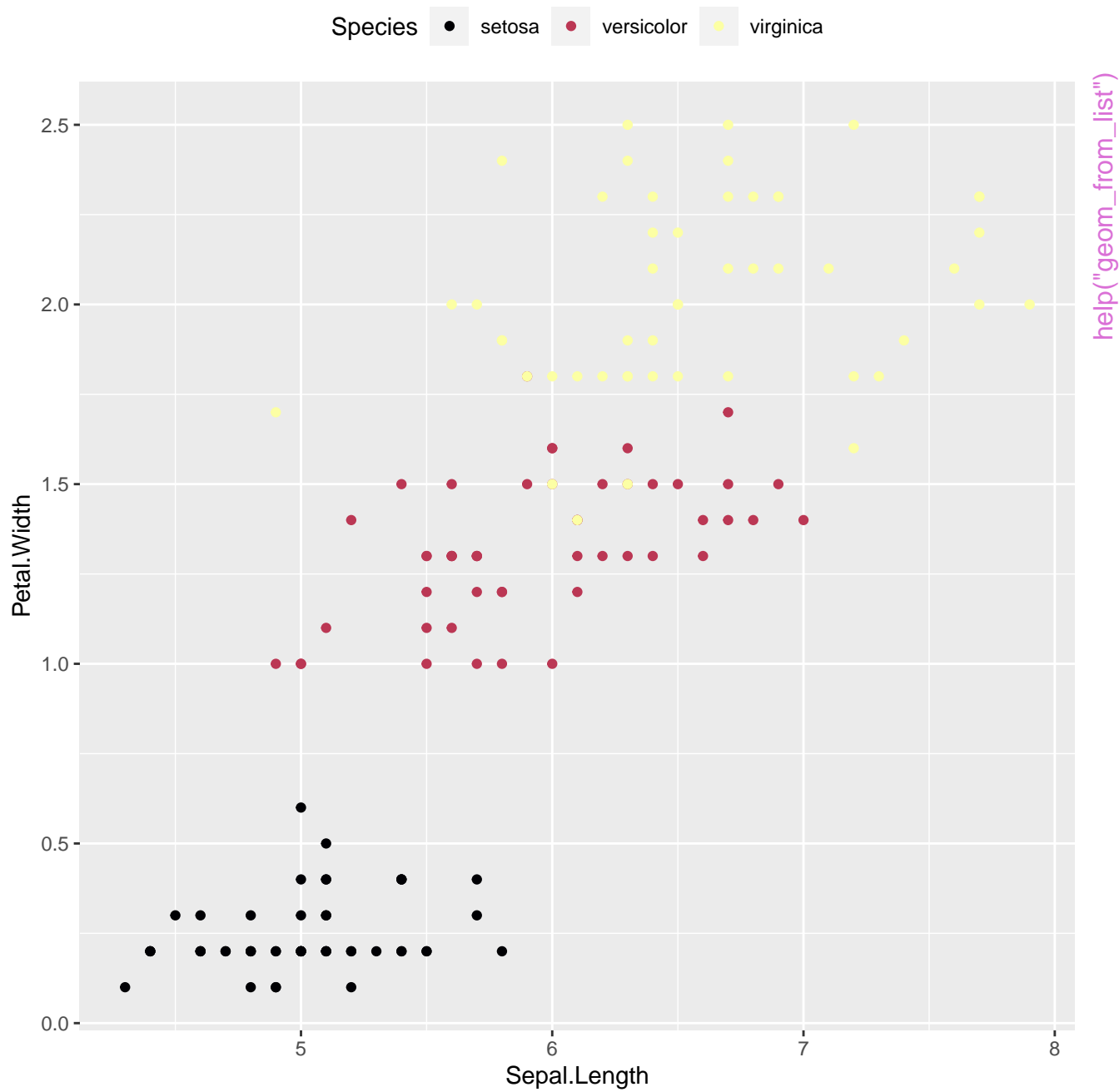


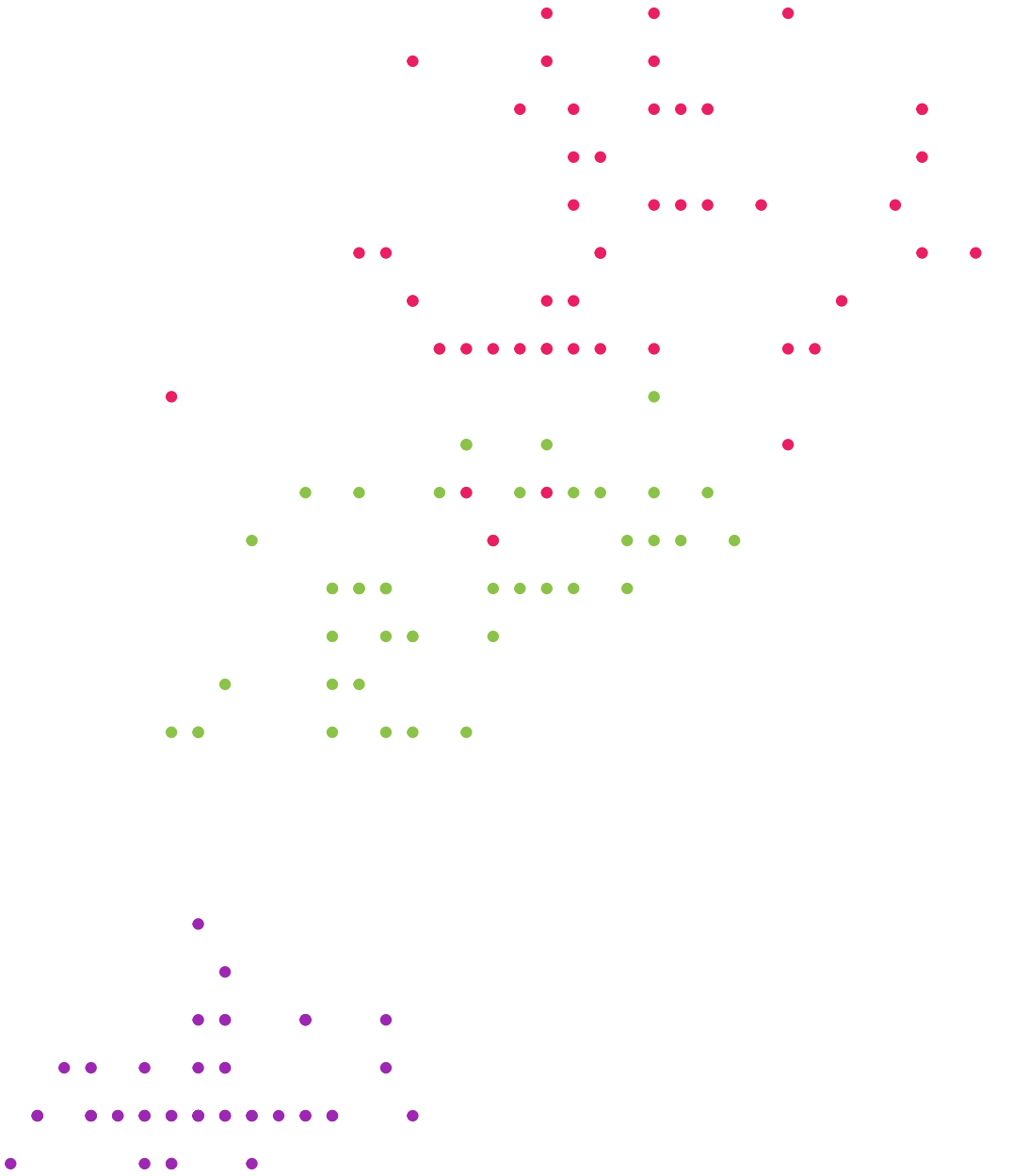










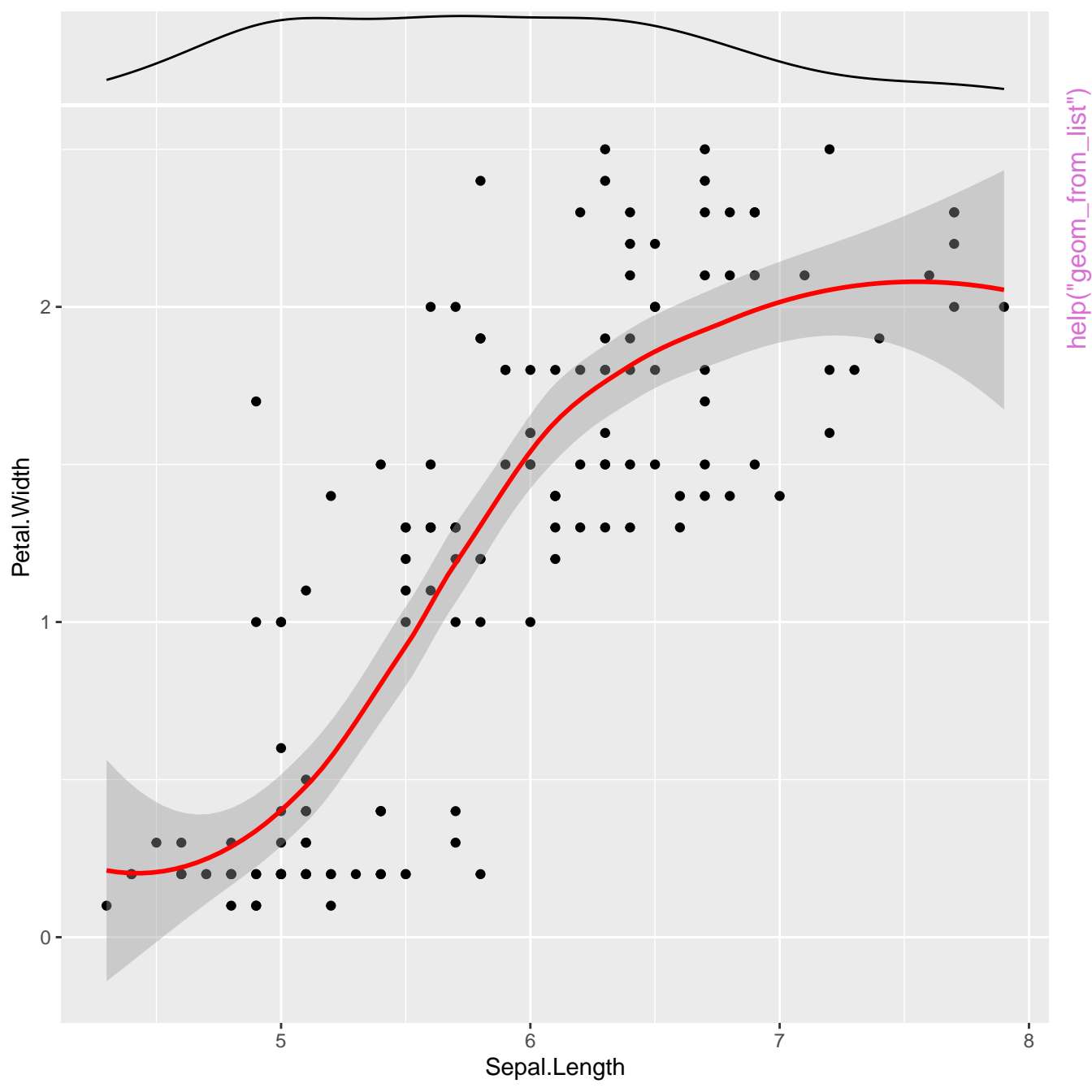


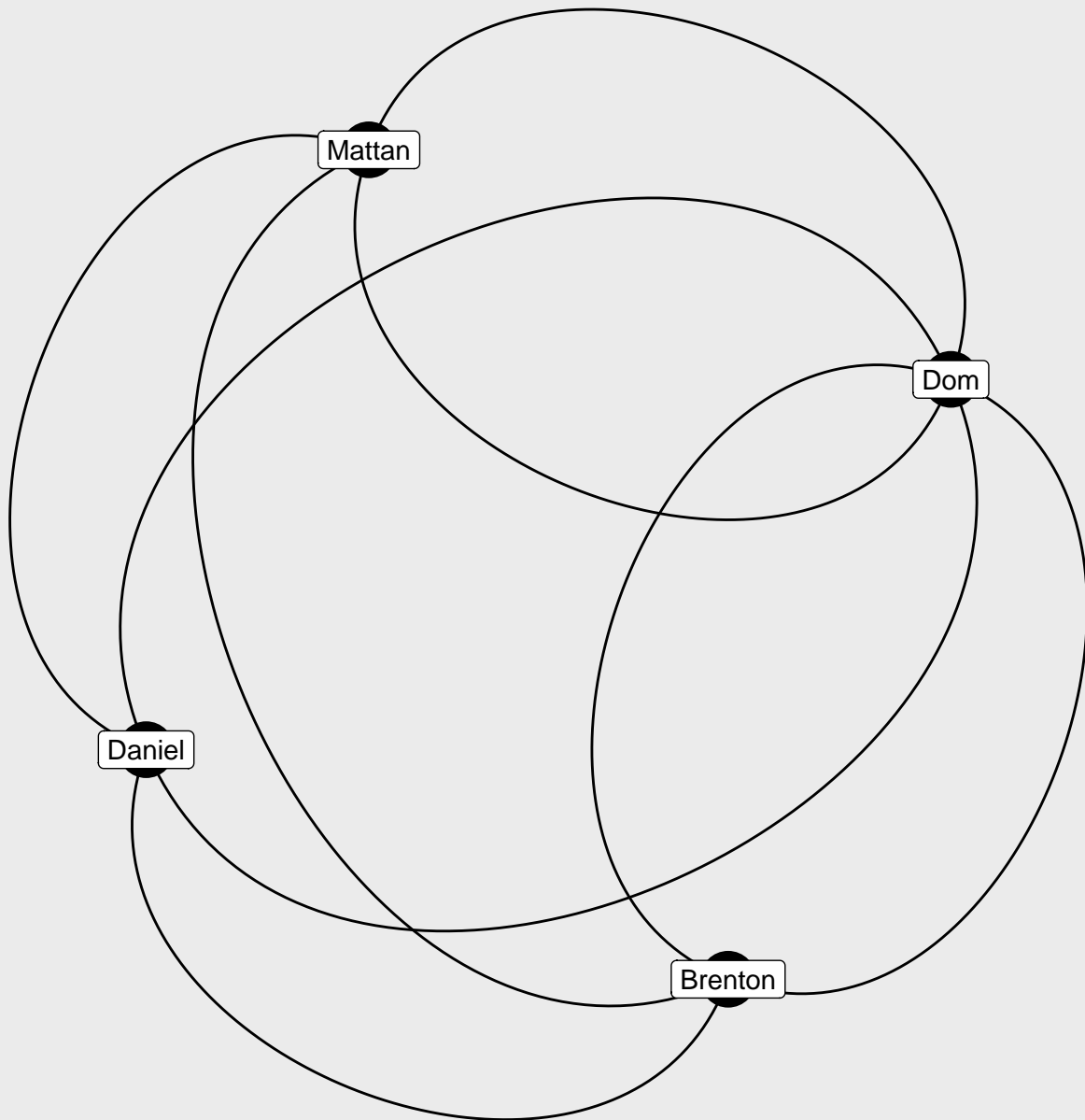
Species

- setosa
- versicolor
- virginica

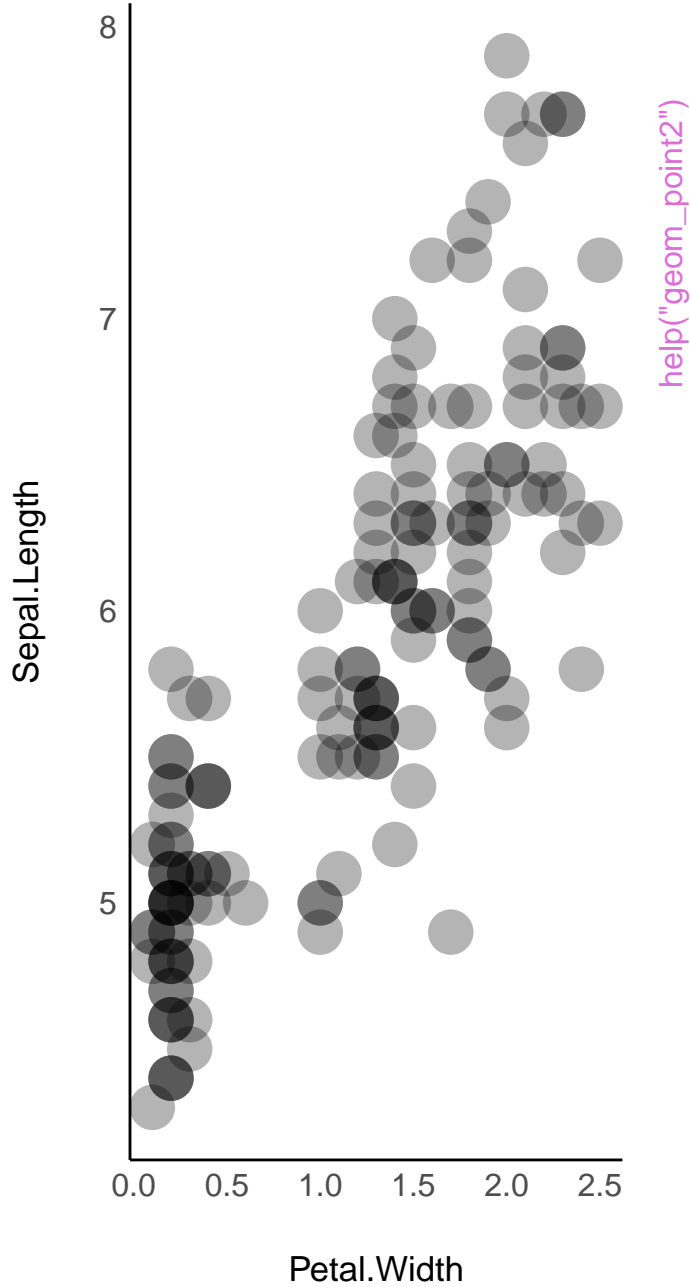
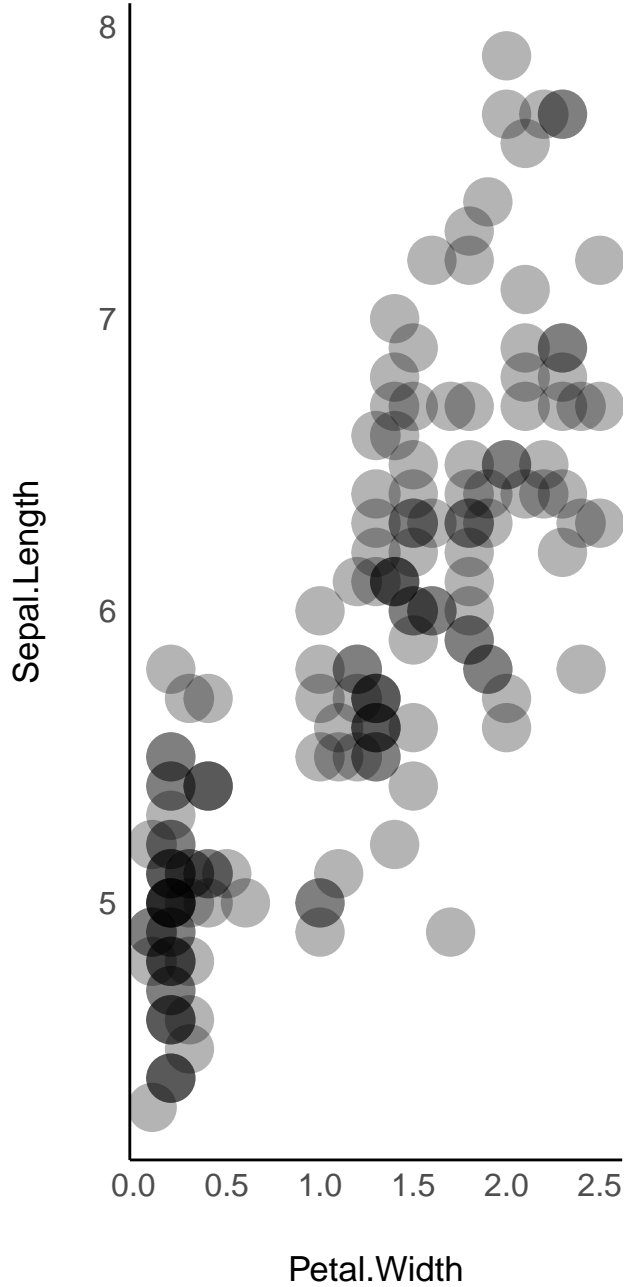
help("geom\_from\_list")

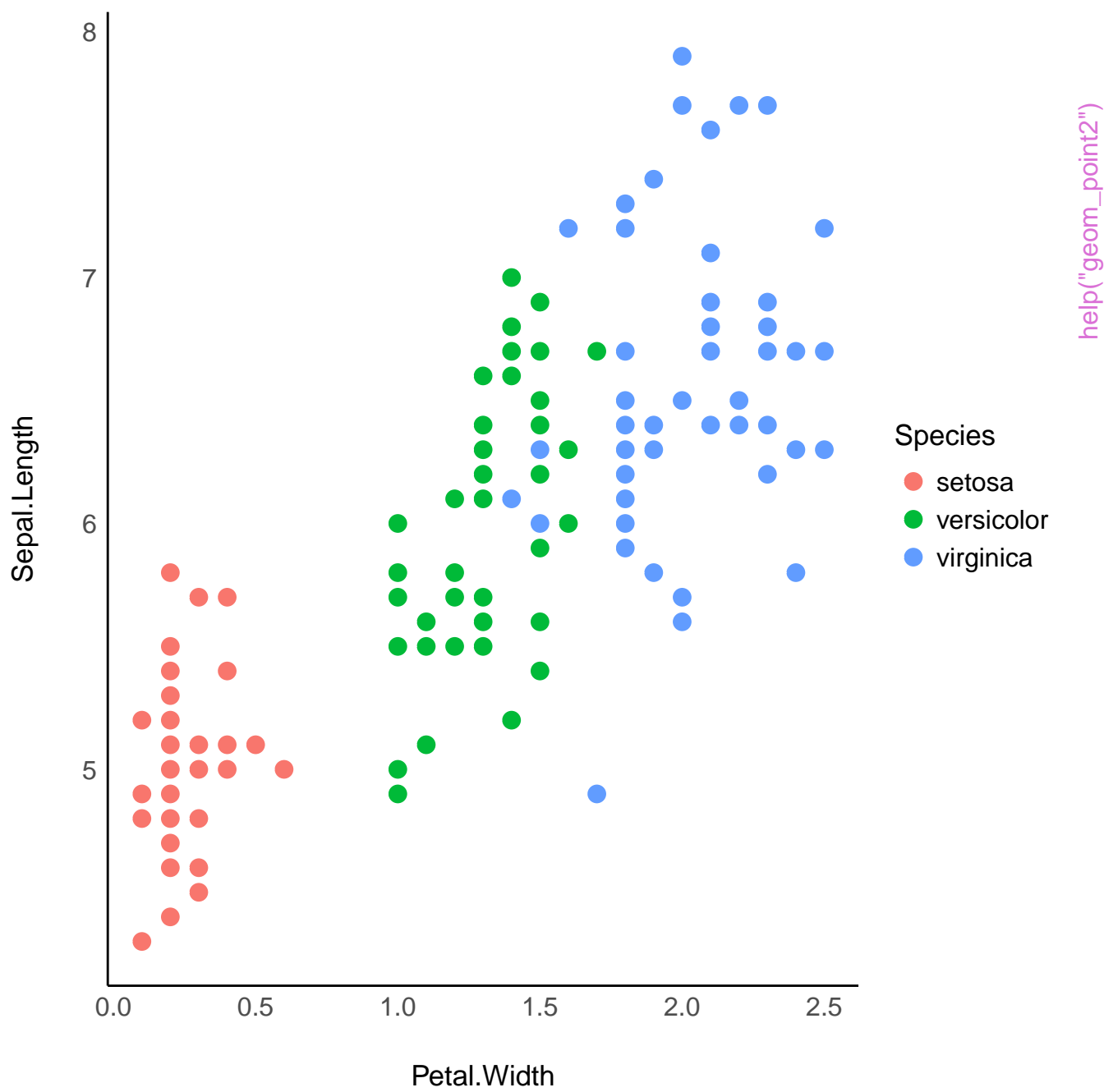


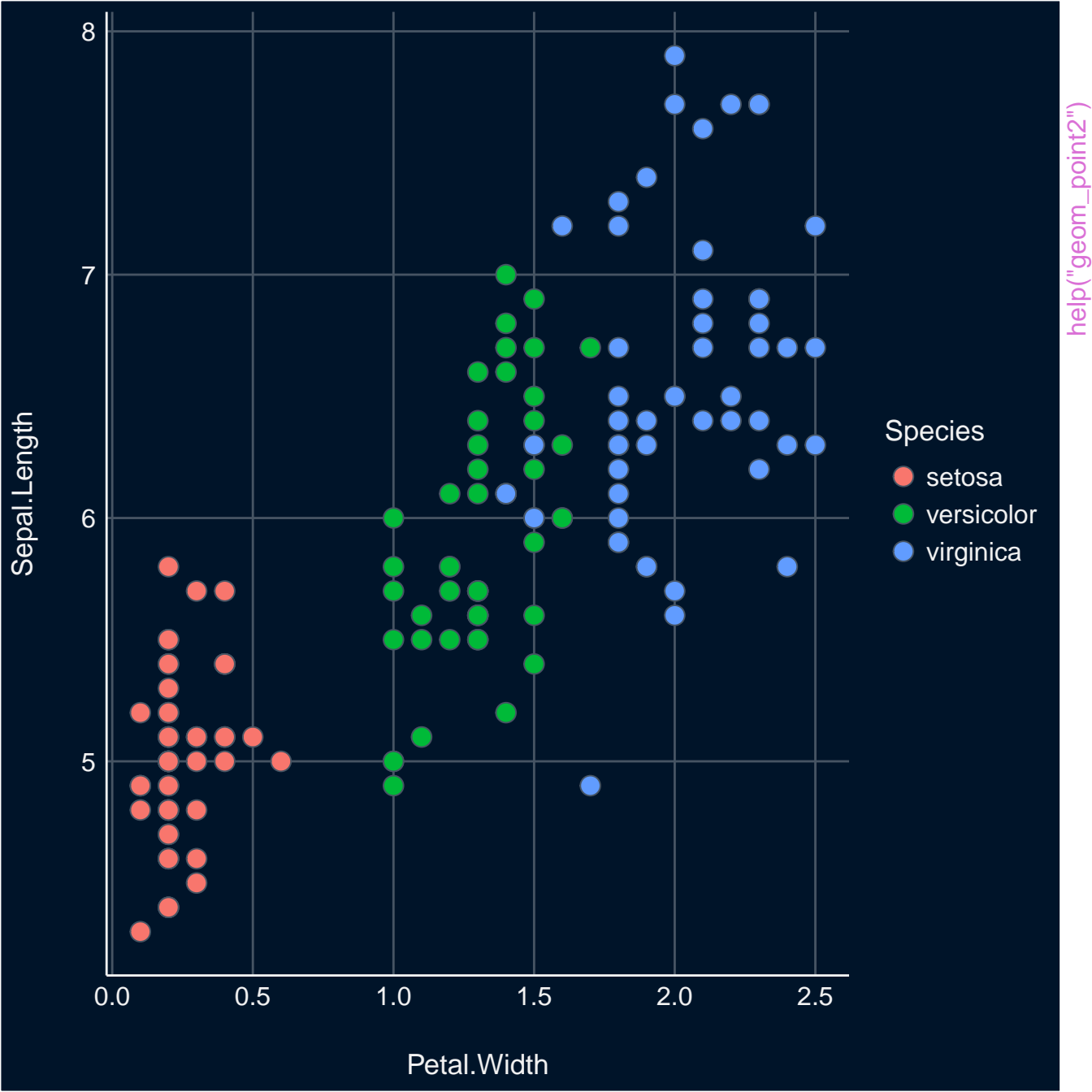


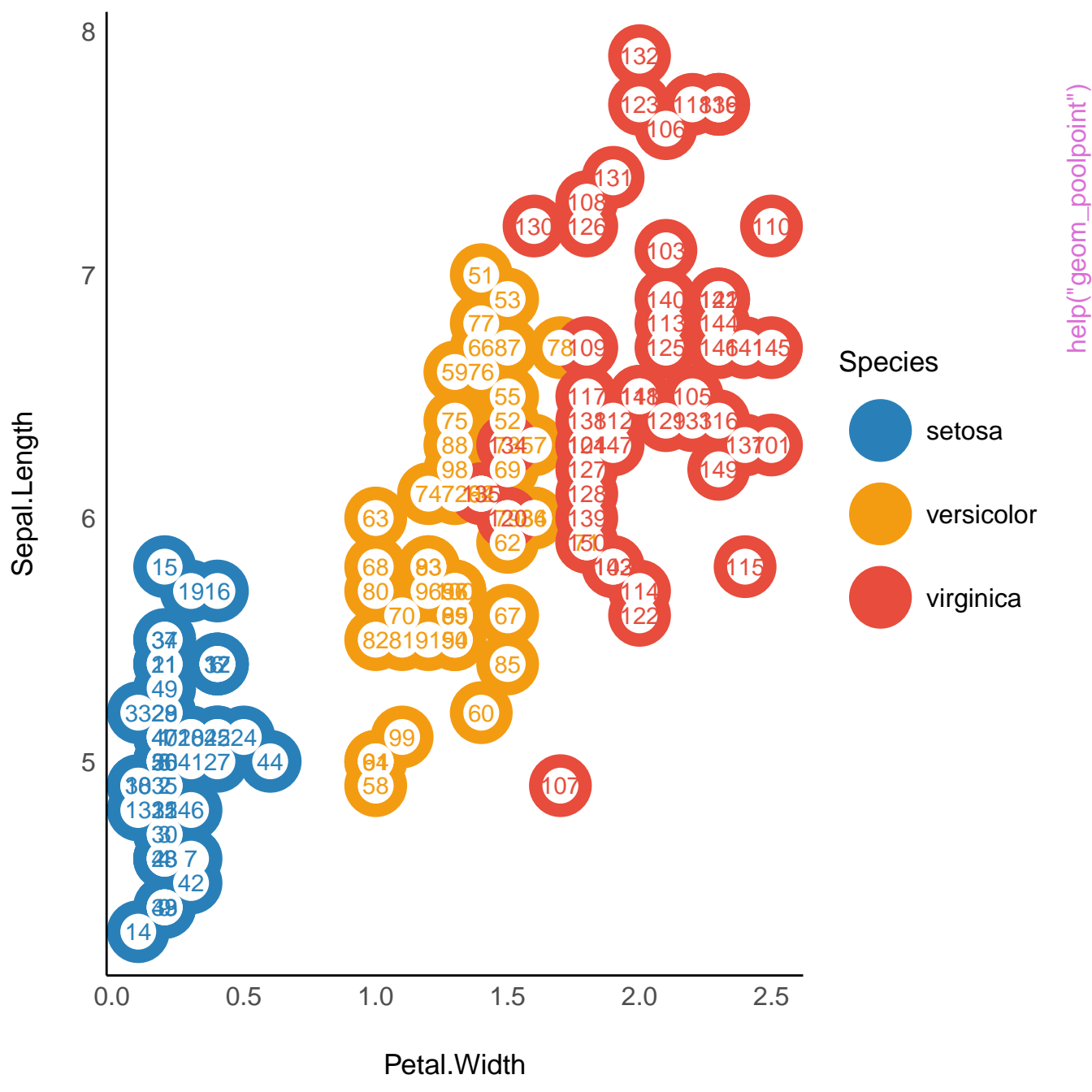


help("geom\_from\_list")









Sepal.Length

8  
7  
6  
5

0

Petal.Width

1

2

Species



setosa



versicolor



virginica

help("geom\_point")

Sepal.Length

8

7

6

5

setosa

versicolor

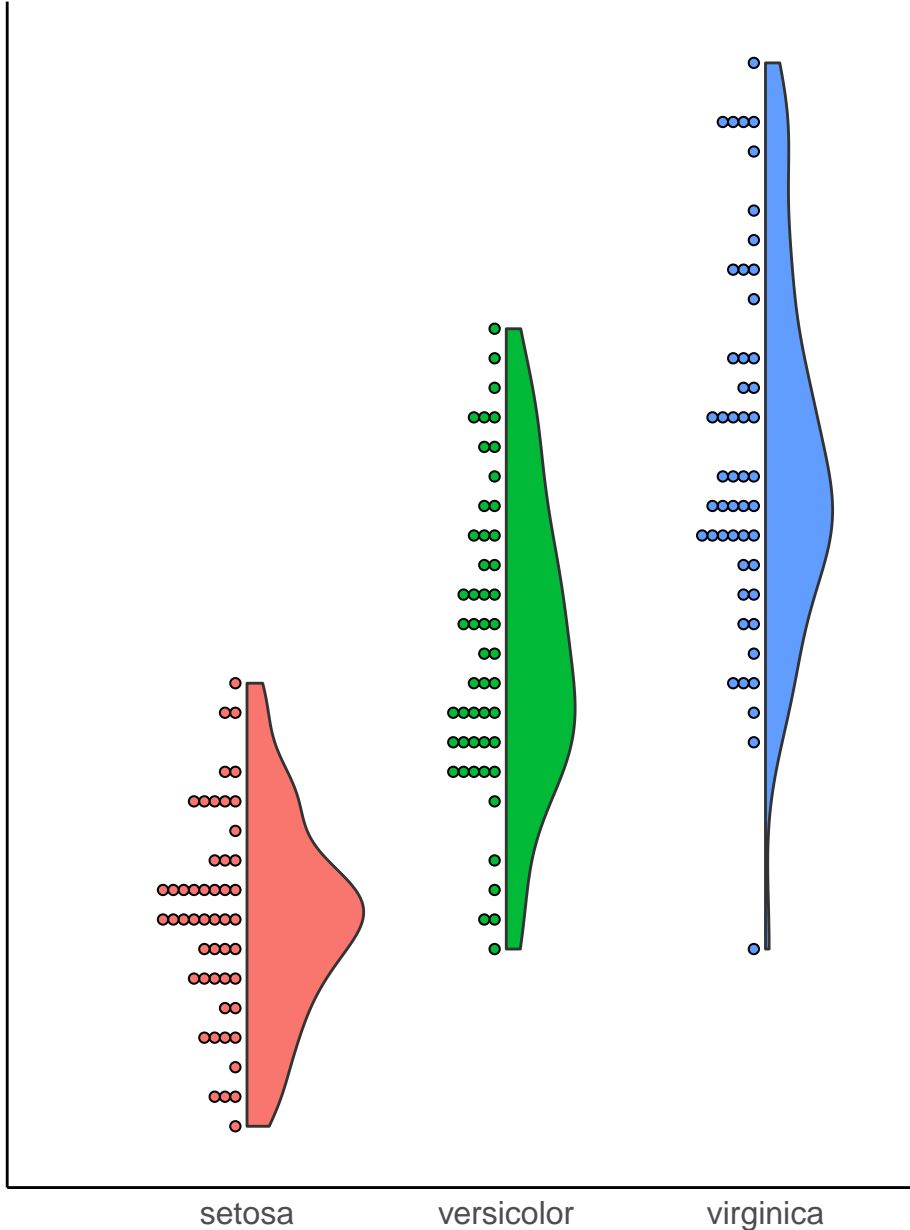
virginica

Species

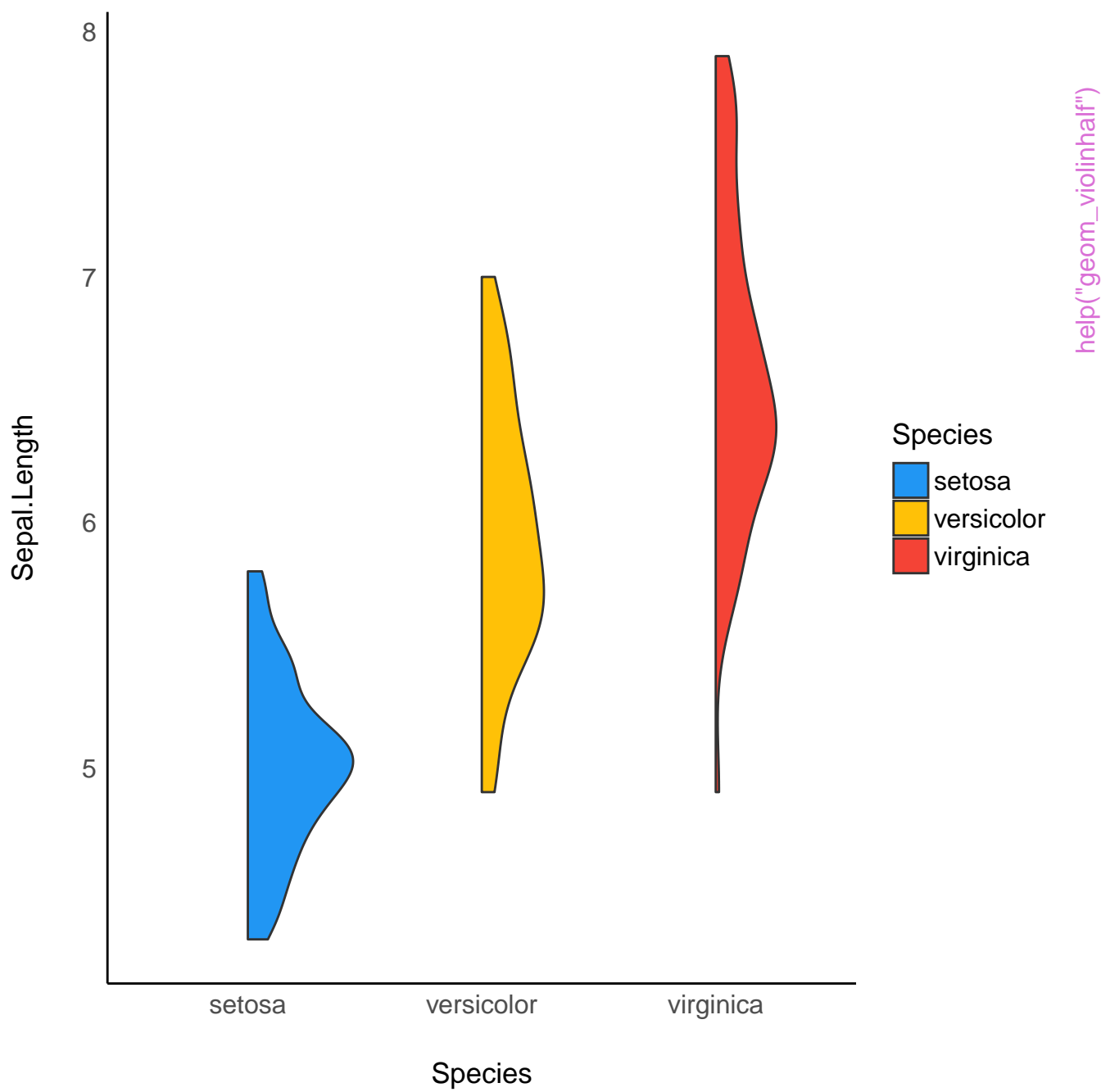
Species

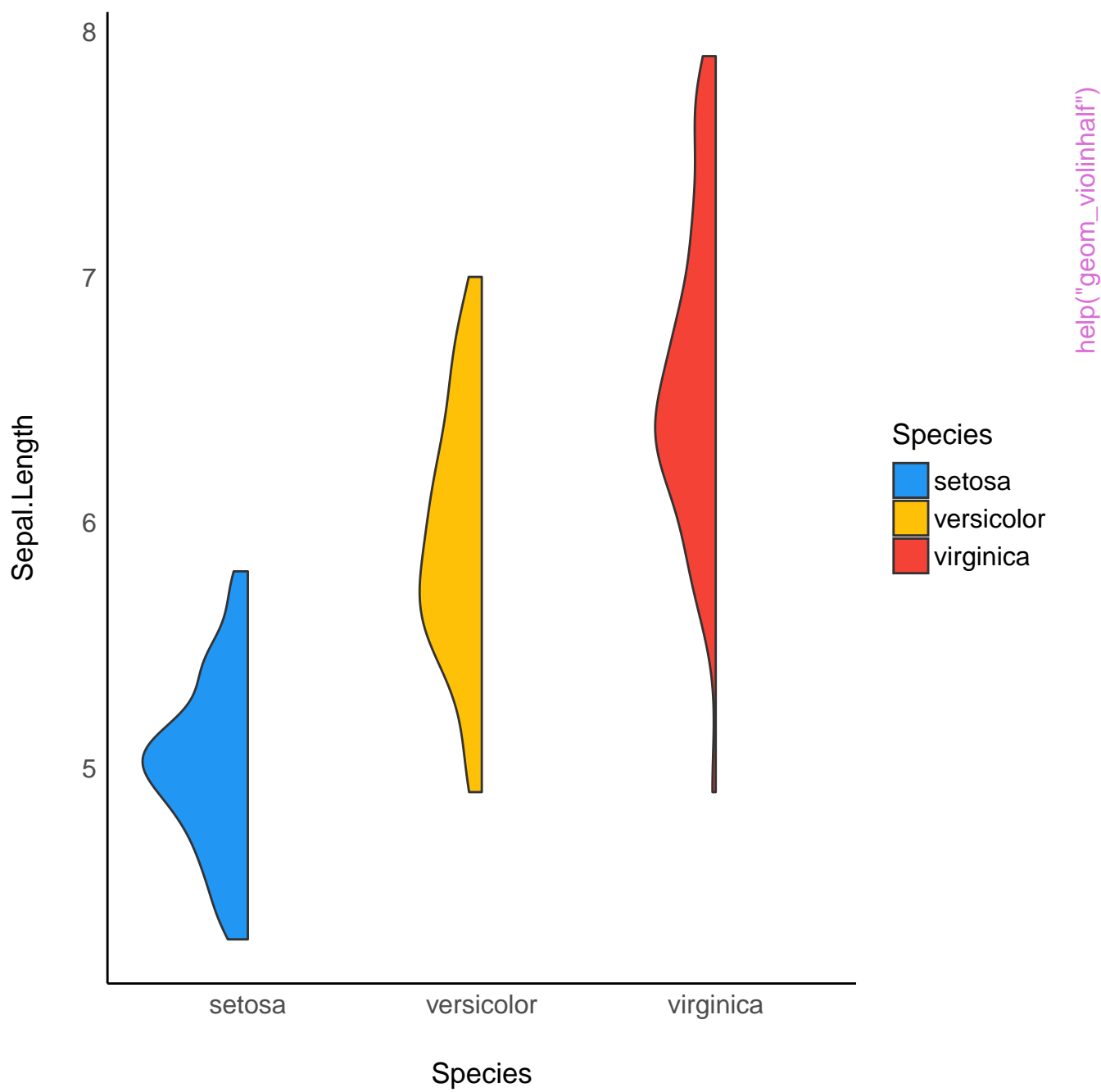


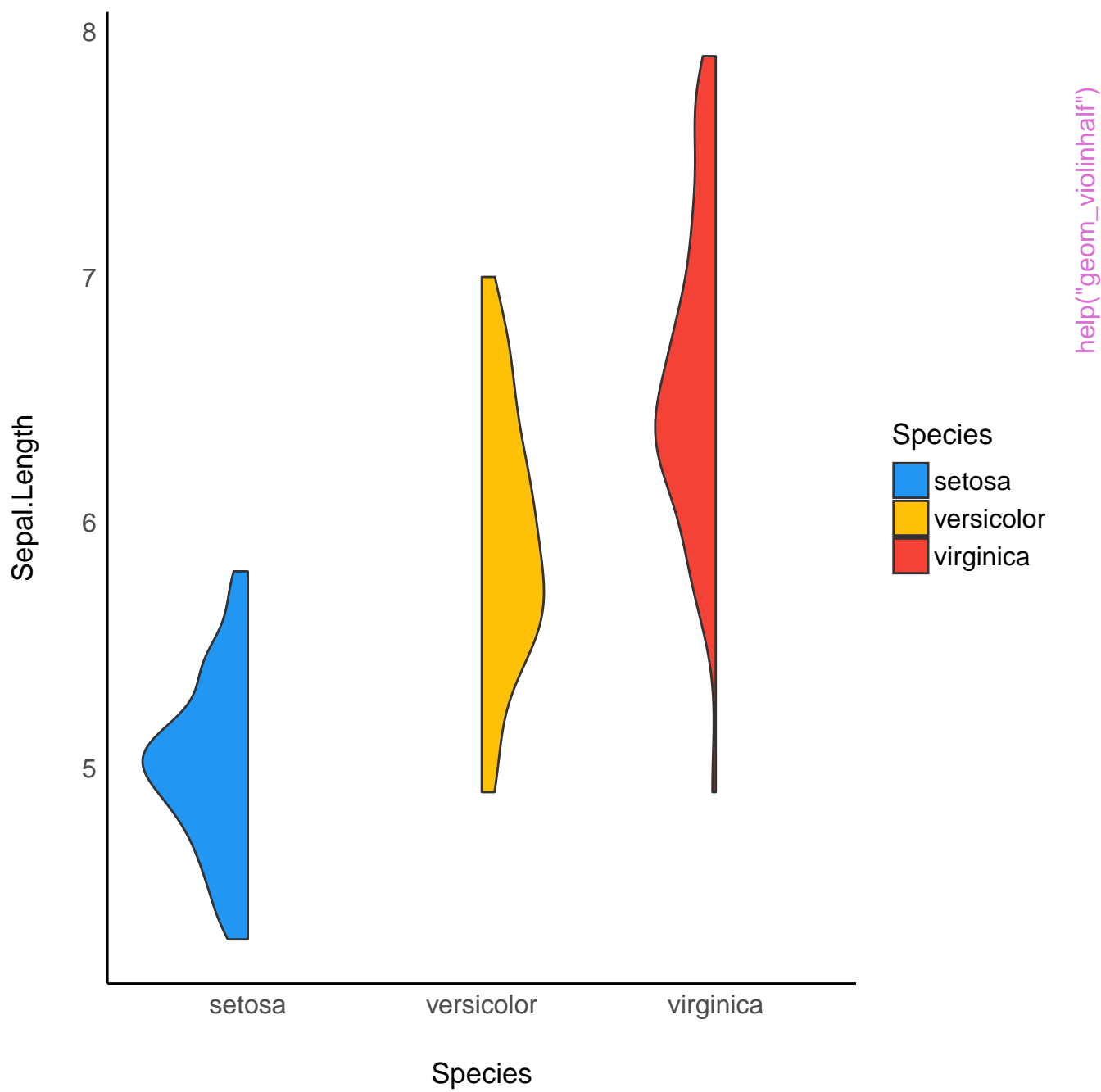
help("geom\_violindot")

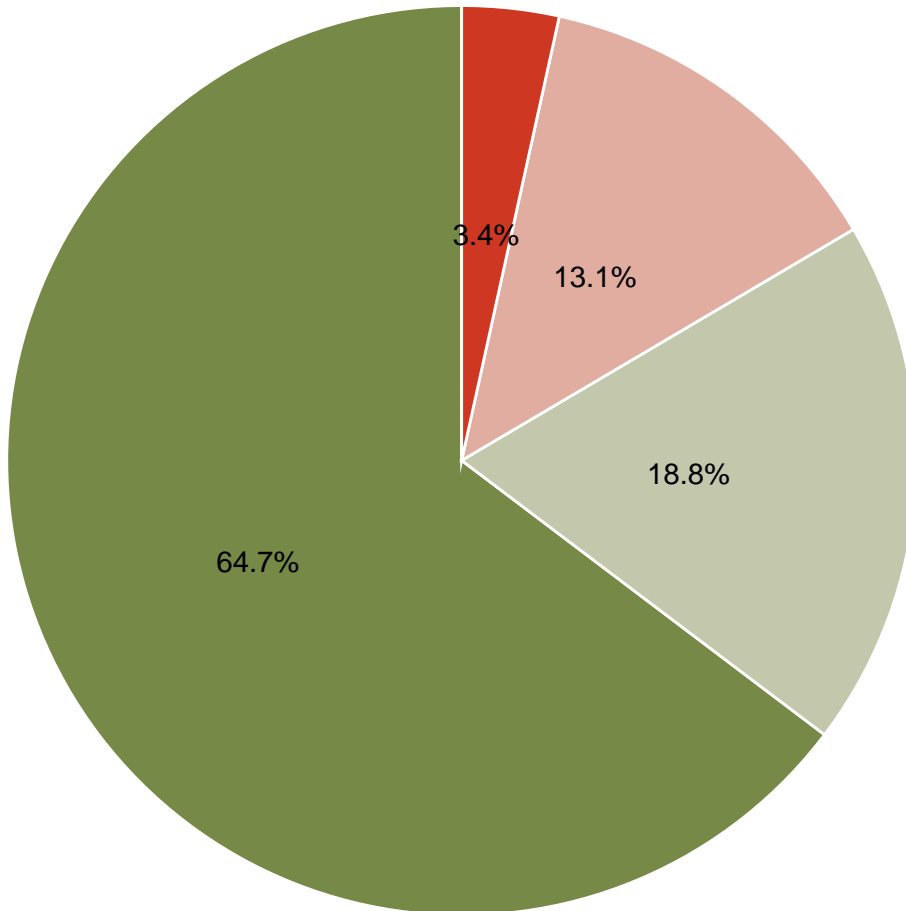








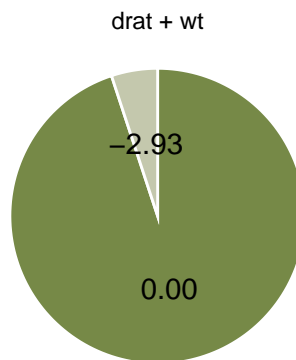
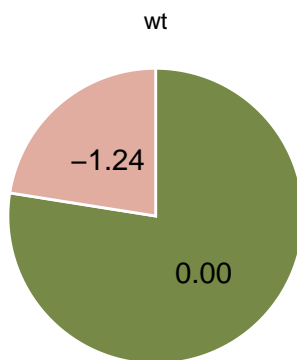
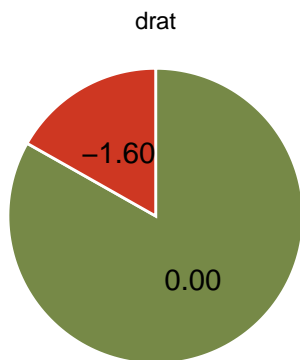




Model

- 1
- wt
- drat
- drat + wt

[help\("plot.see\\_bayesfactor\\_models"\)](#)

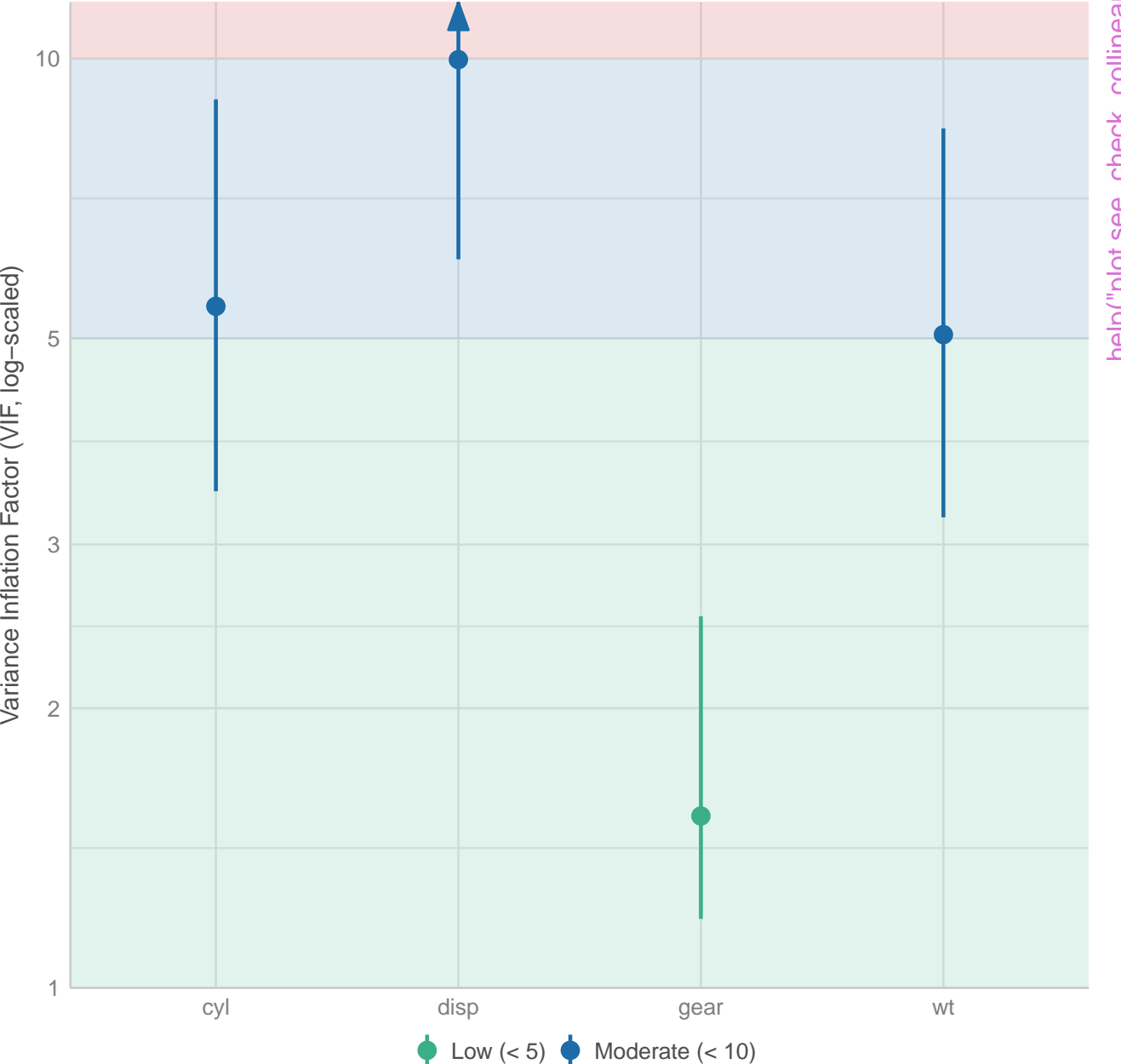


Labels are log(BF).

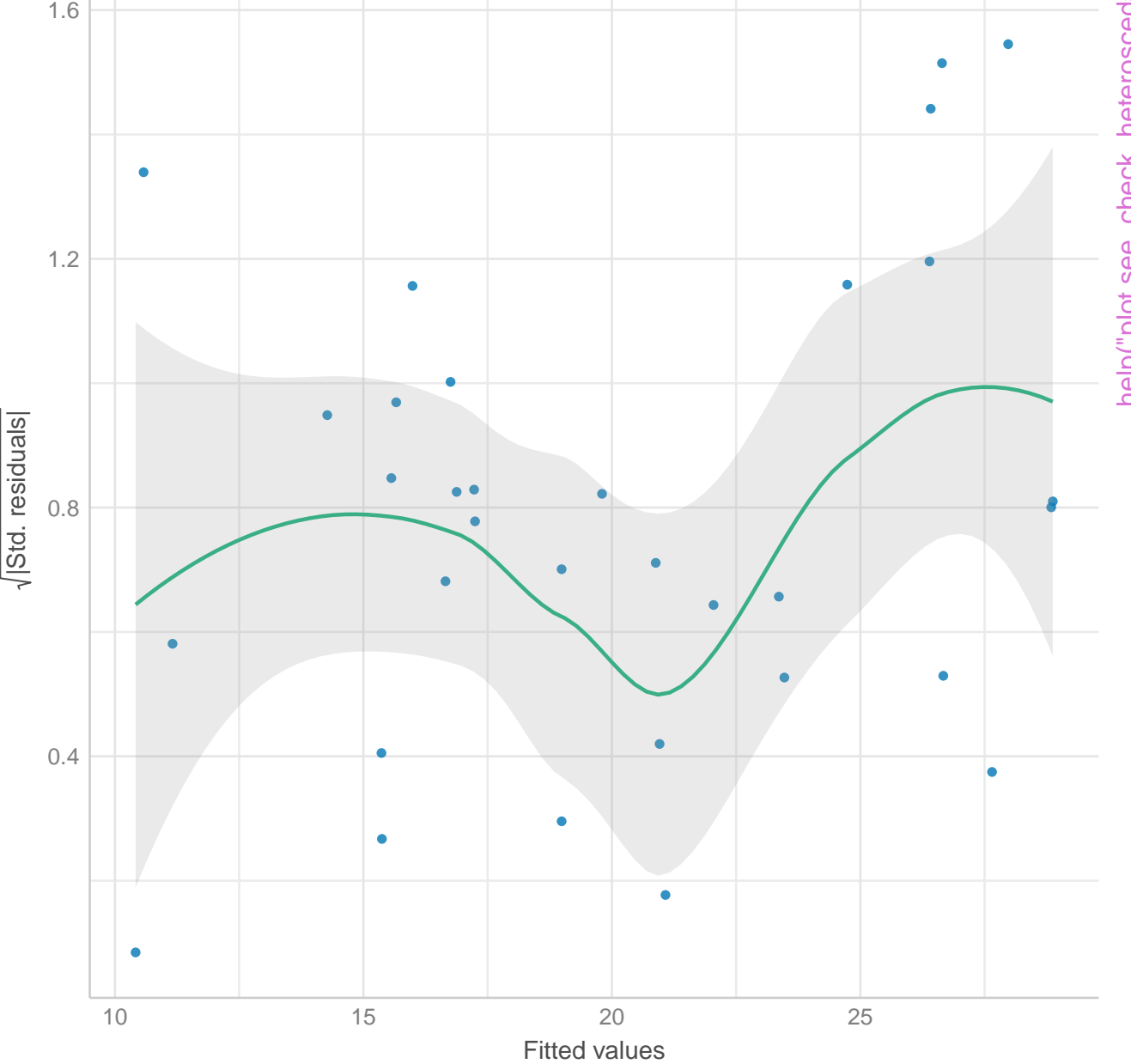
help("plot.see\_bayesfactor\_models")

# Collinearity

High collinearity (VIF) may inflate parameter uncertainty



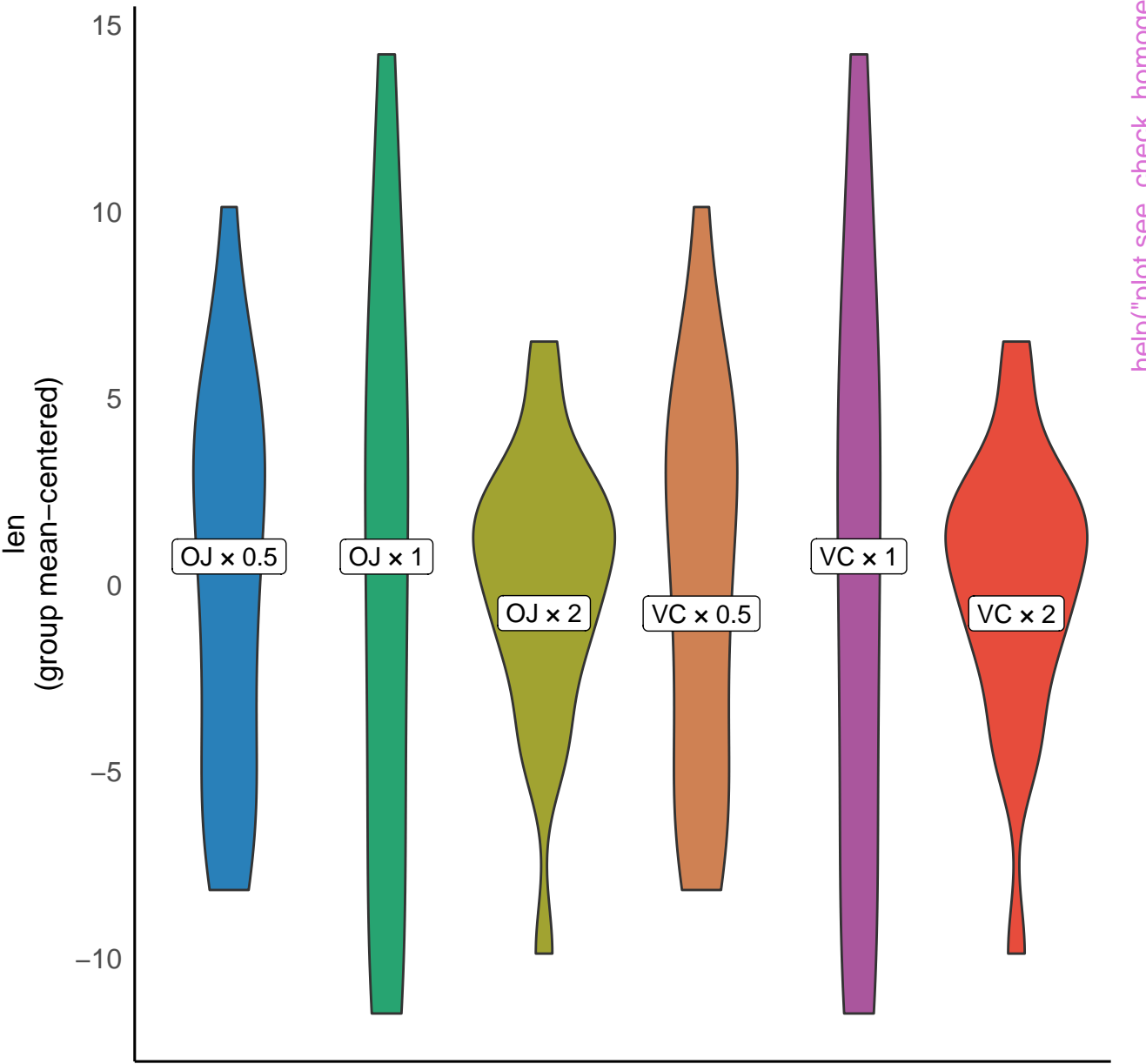
Homogeneity of Variance  
Reference line should be flat and horizontal



help("plot.see\_check\_heteroscedasticity")

# Homogeneity of Variance (Bartlett Test)

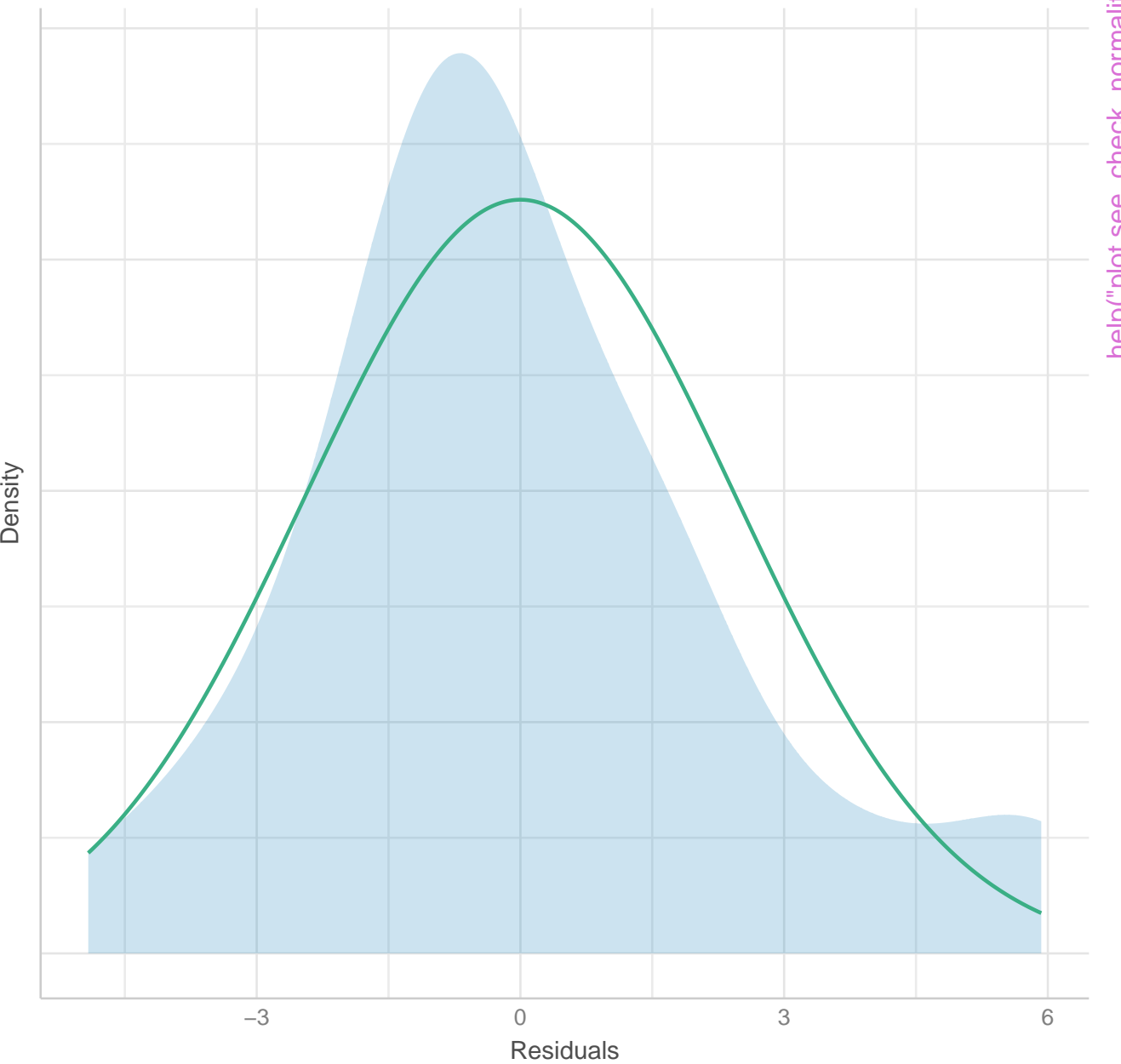
Groups should be evenly spread



help("plot.see\_check\_homogeneity")

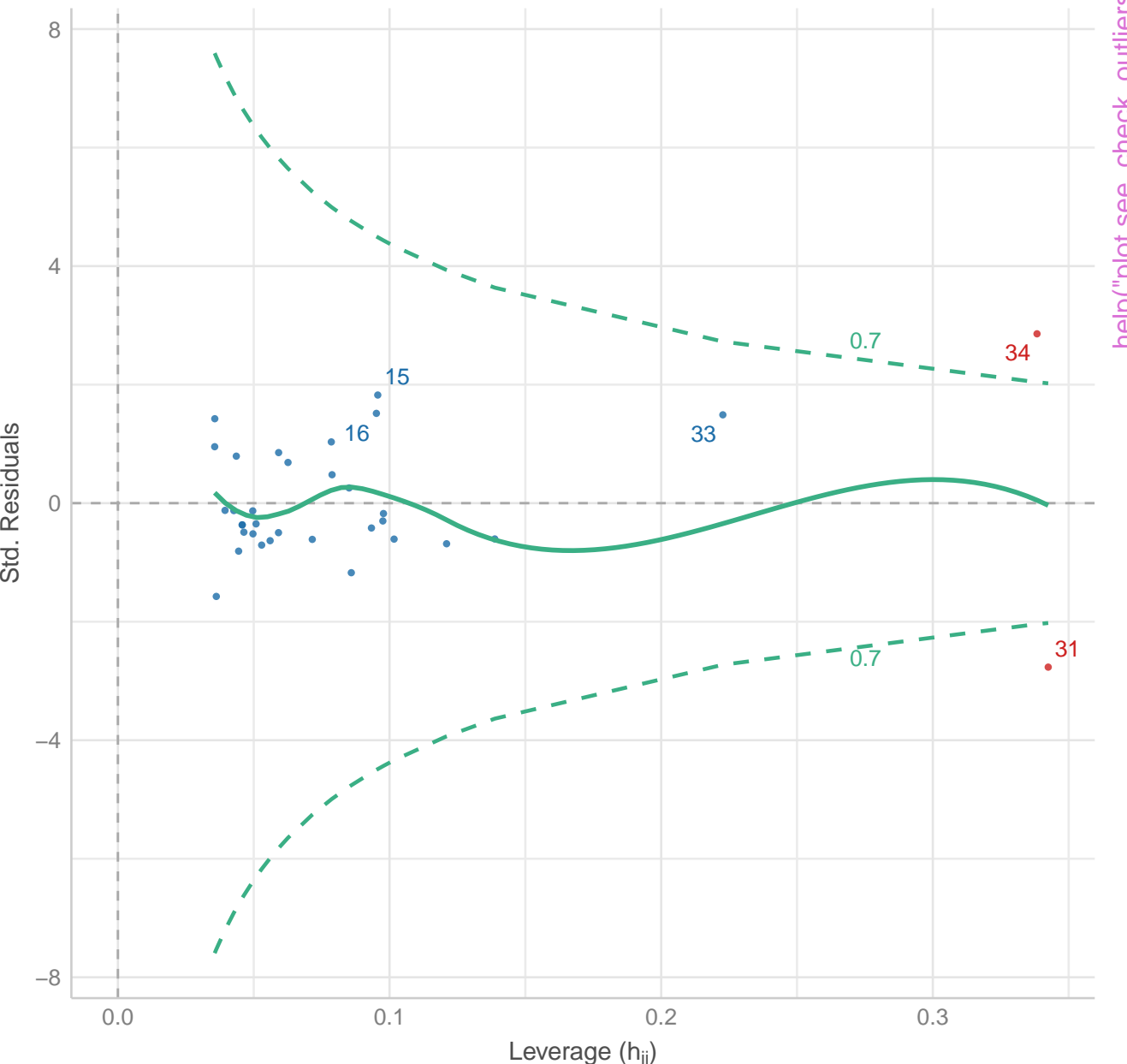


Normality of Residuals  
Distribution should be close to the normal curve



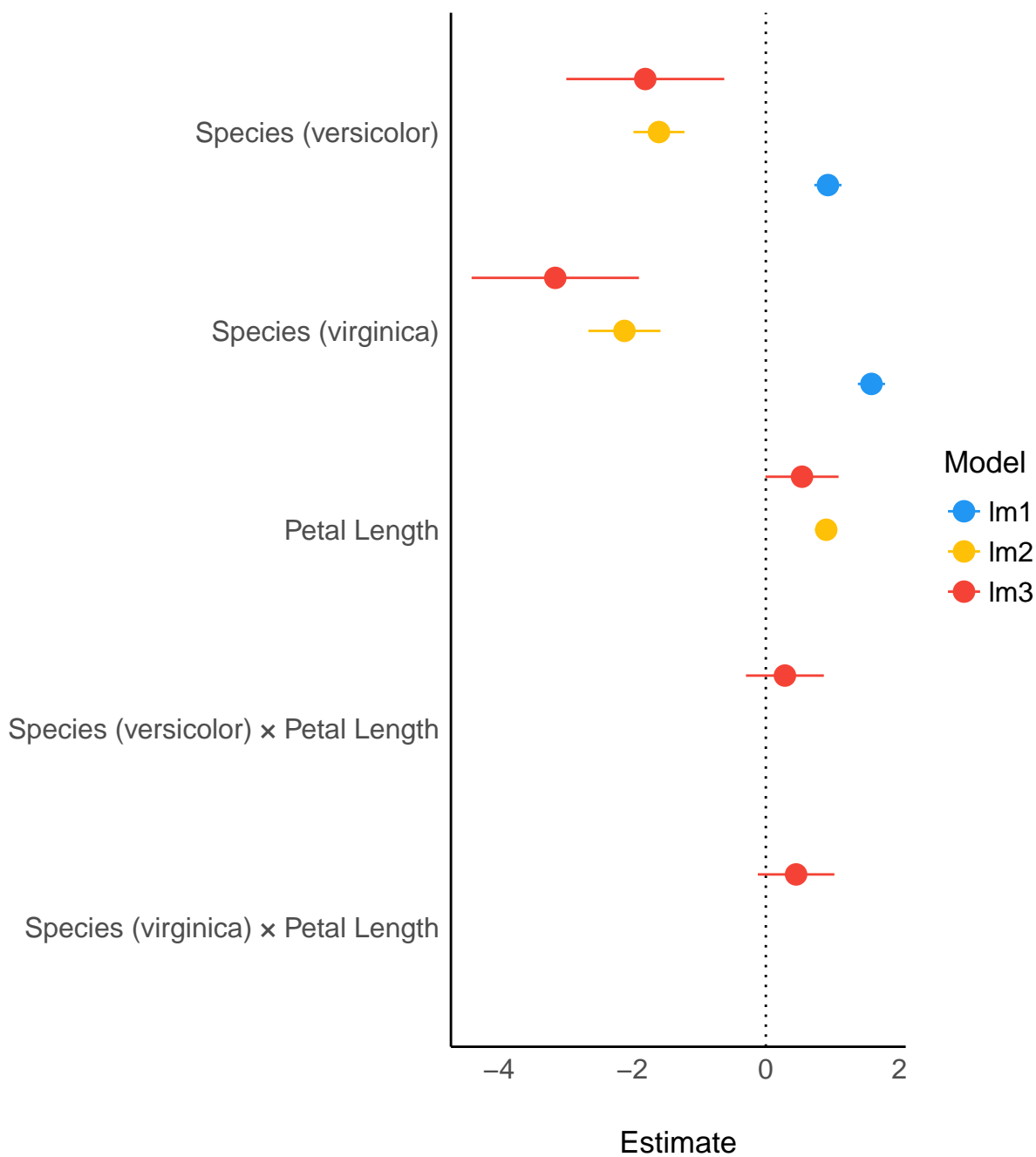
help("plot.see\_check\_normality")

Influential Observations  
Points should be inside the contour lines



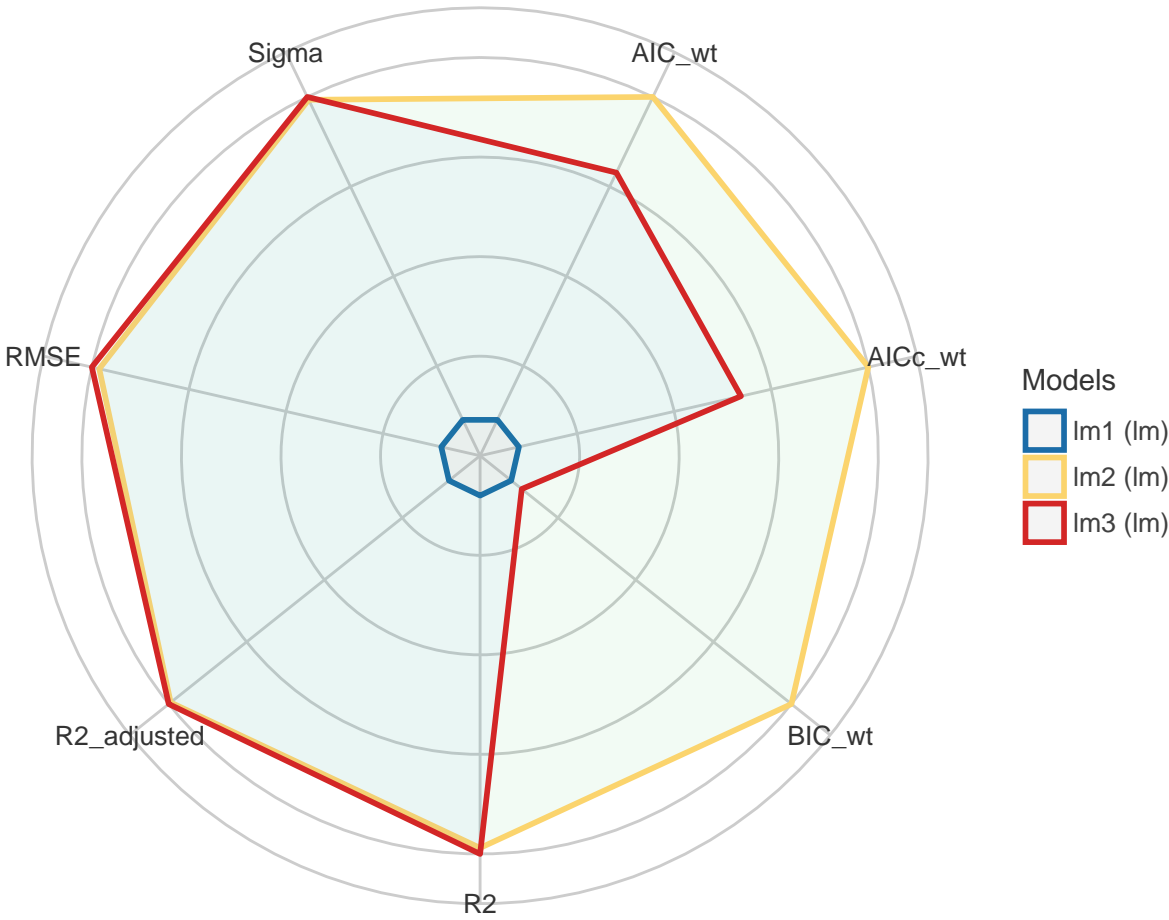
help("plot.see\_check\_outliers")

Parameter



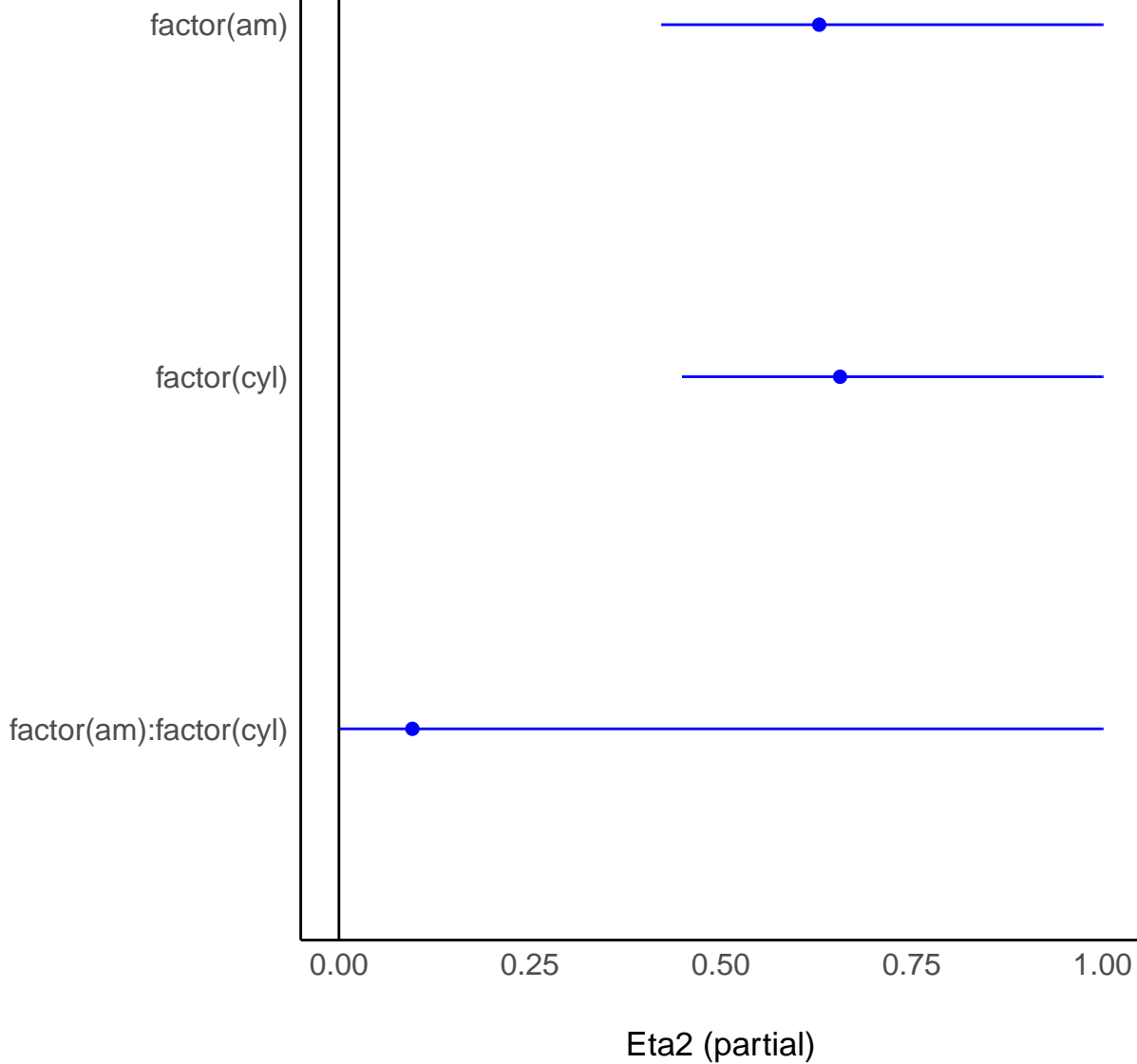
[help\("plot.compare\\_parameters"\)](#)

Comparison of Model Indices



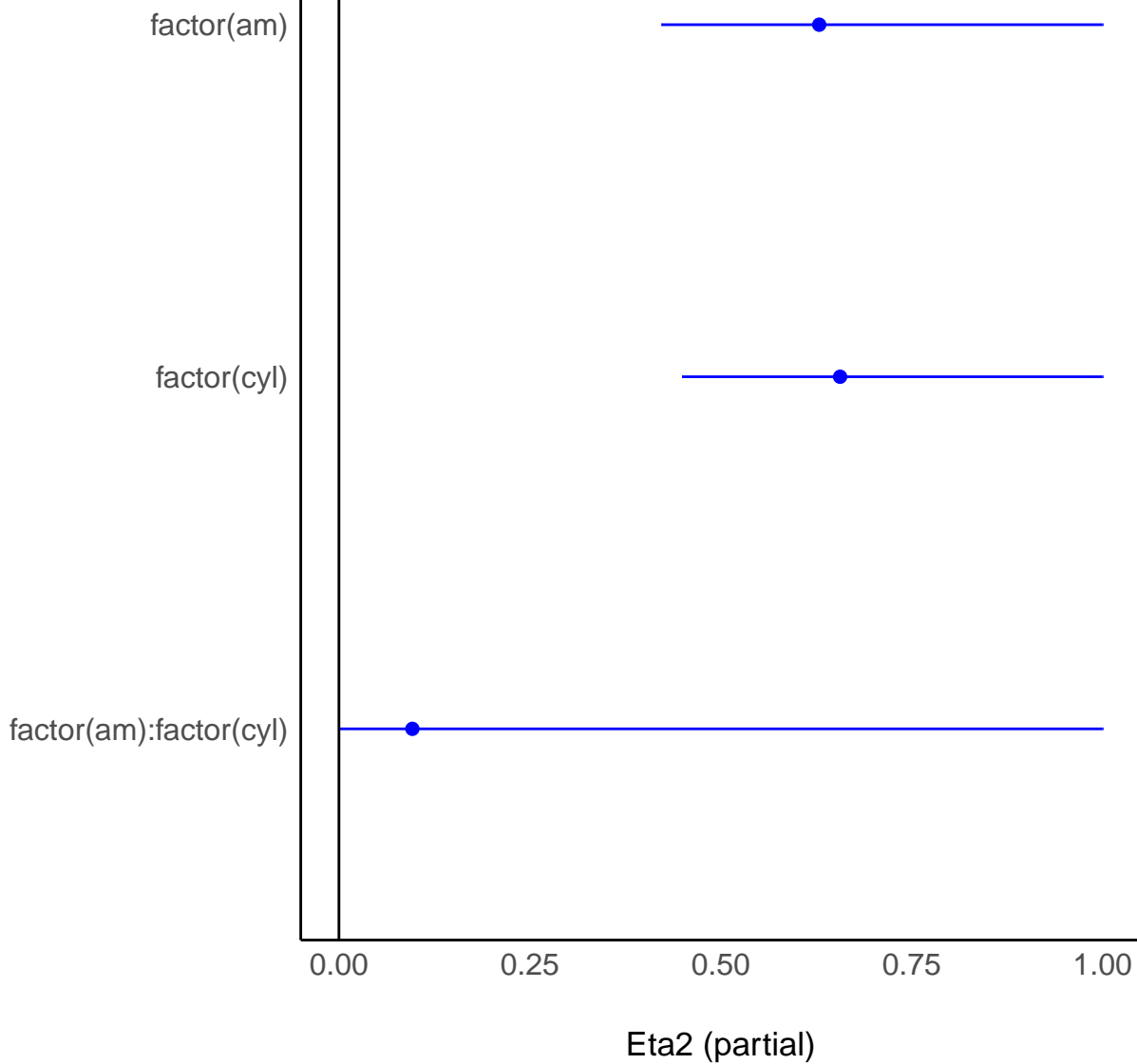
help("plot.see\_compare\_performance")

Parameter



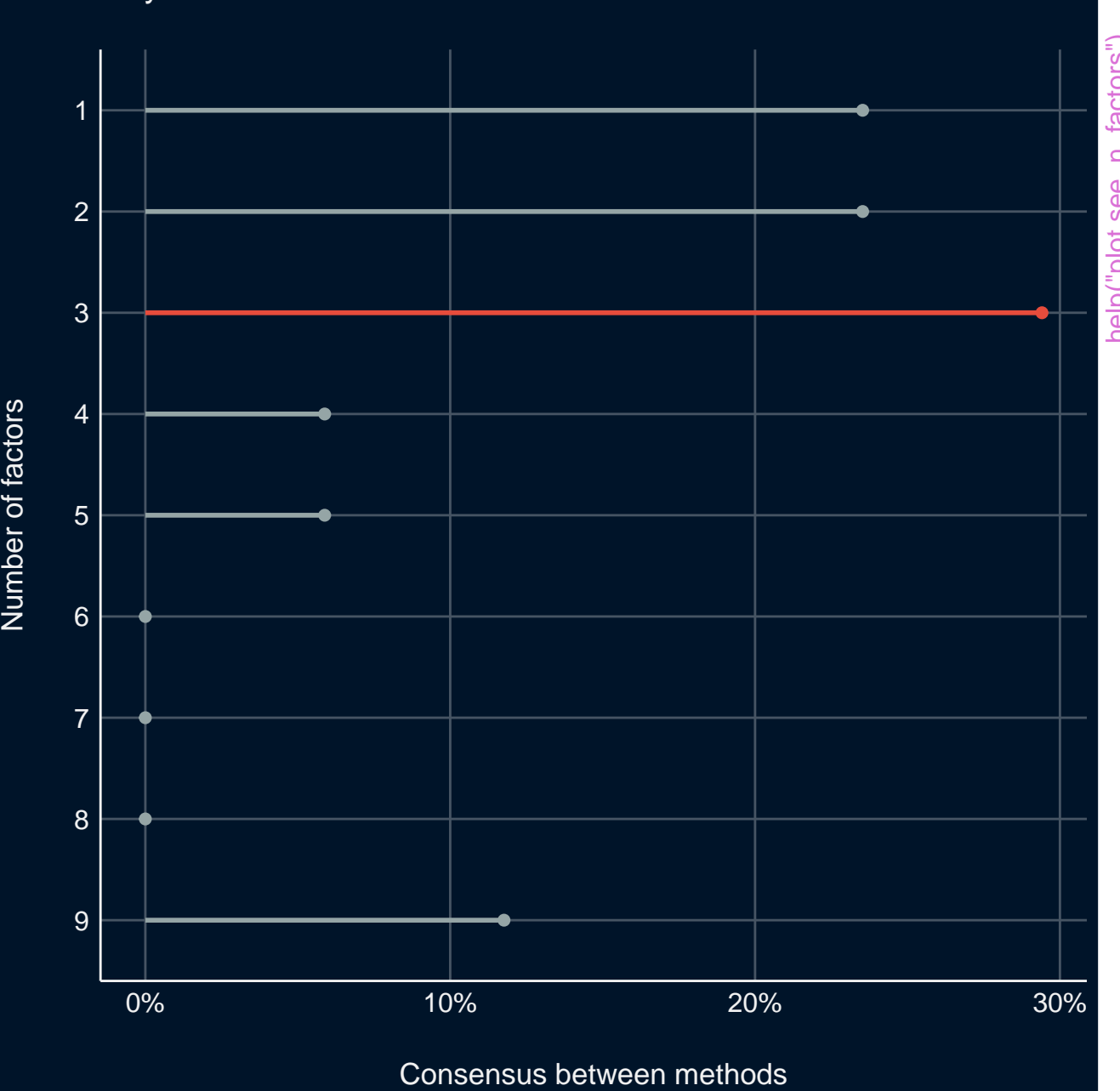
help("plot.see\_effectsize\_table")

Parameter

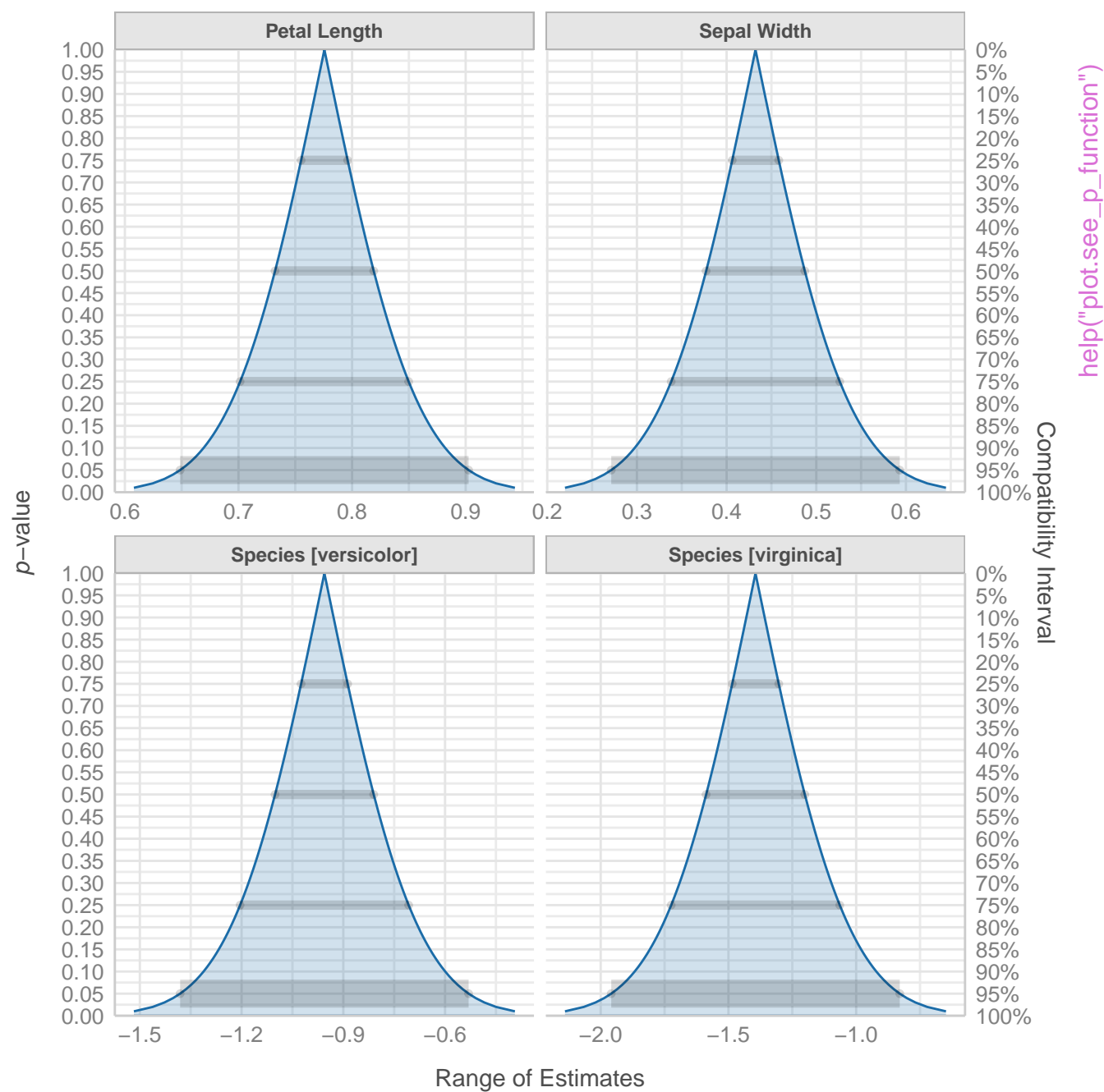


help("plot.see\_equivalence\_test")

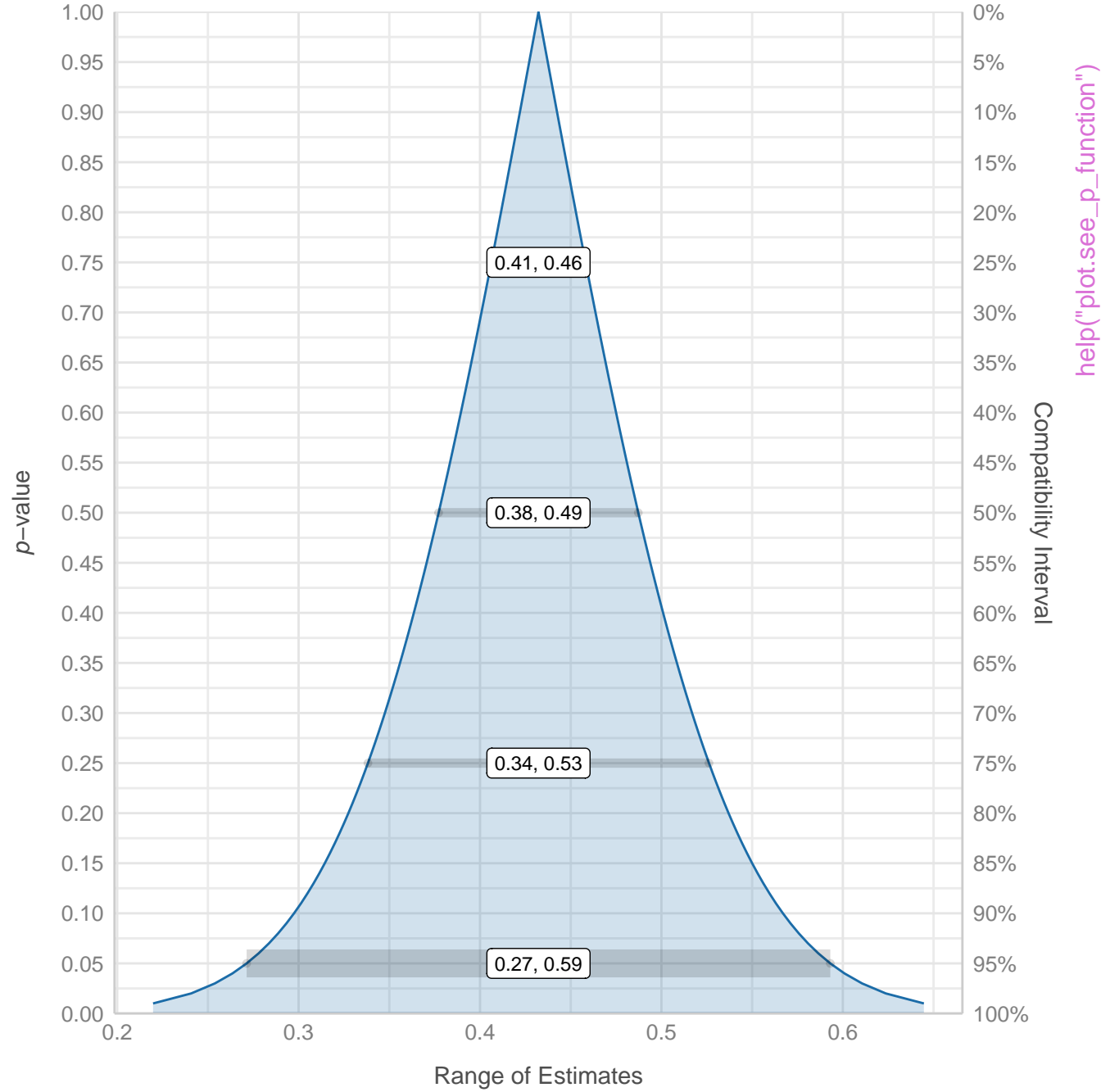
How many factors to retain

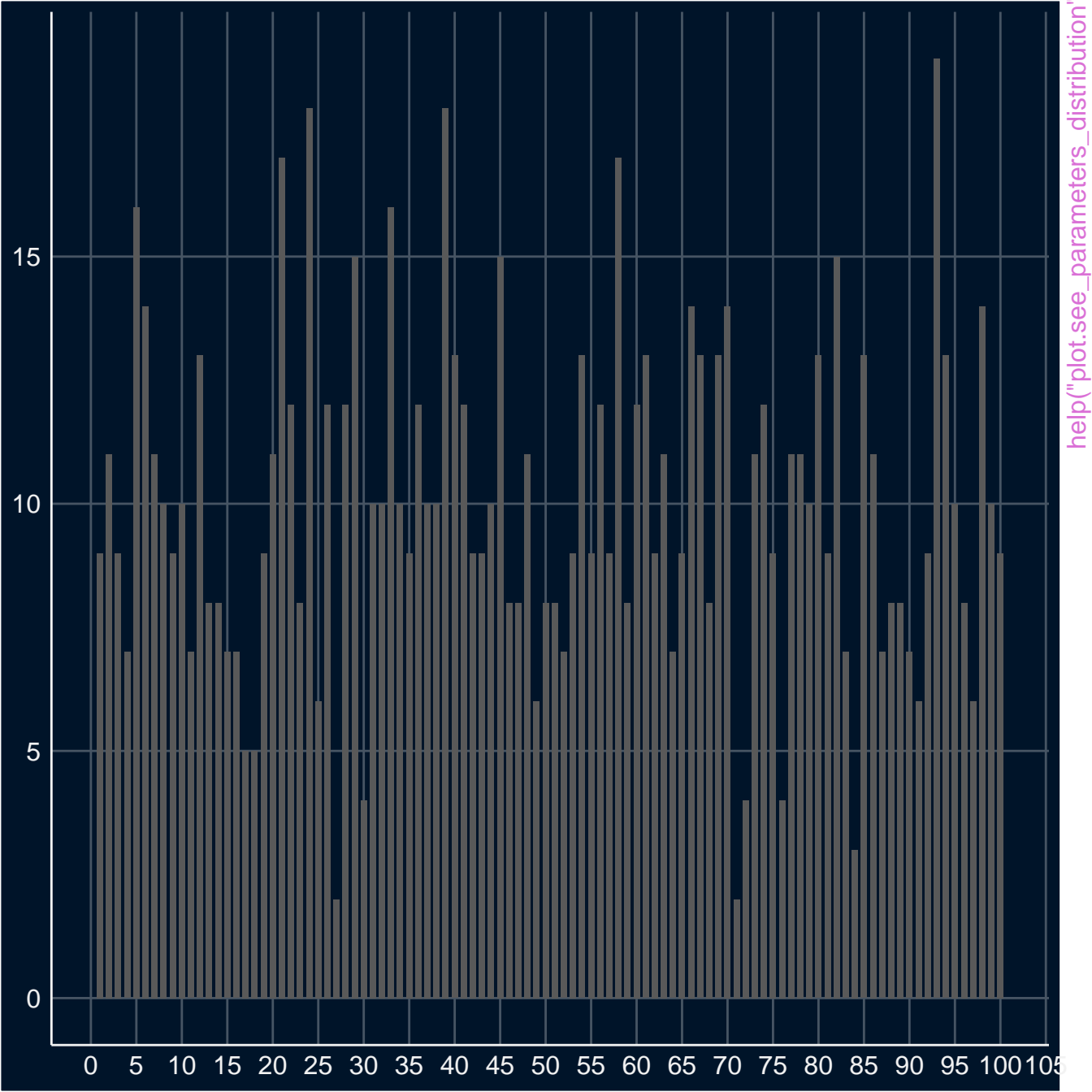


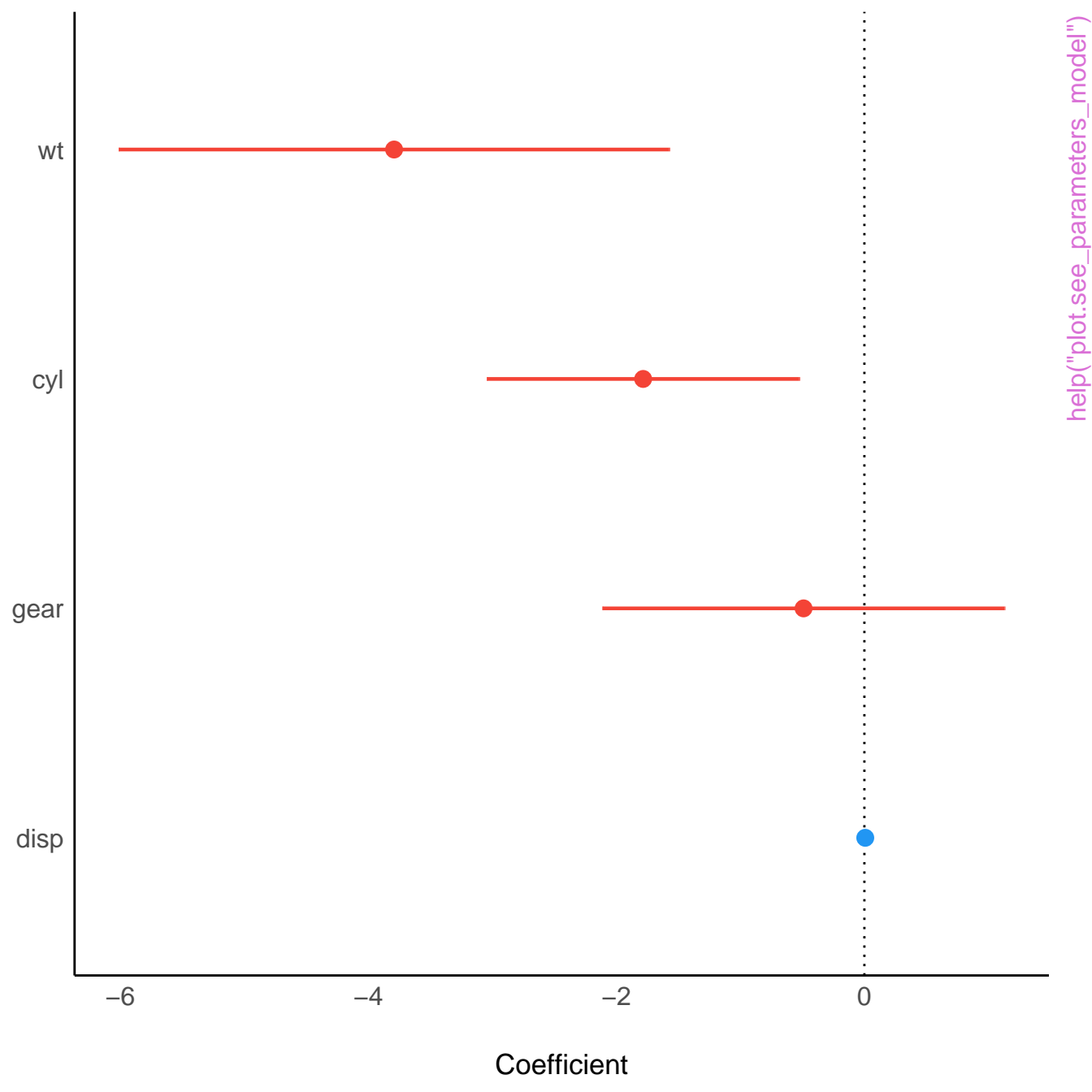
help("plot.see\_n\_factors")











# Loadings from Principal Component Analysis (no rotation)



help("plot.see\_parameters\_pca")

# Estimated Density Function

Density

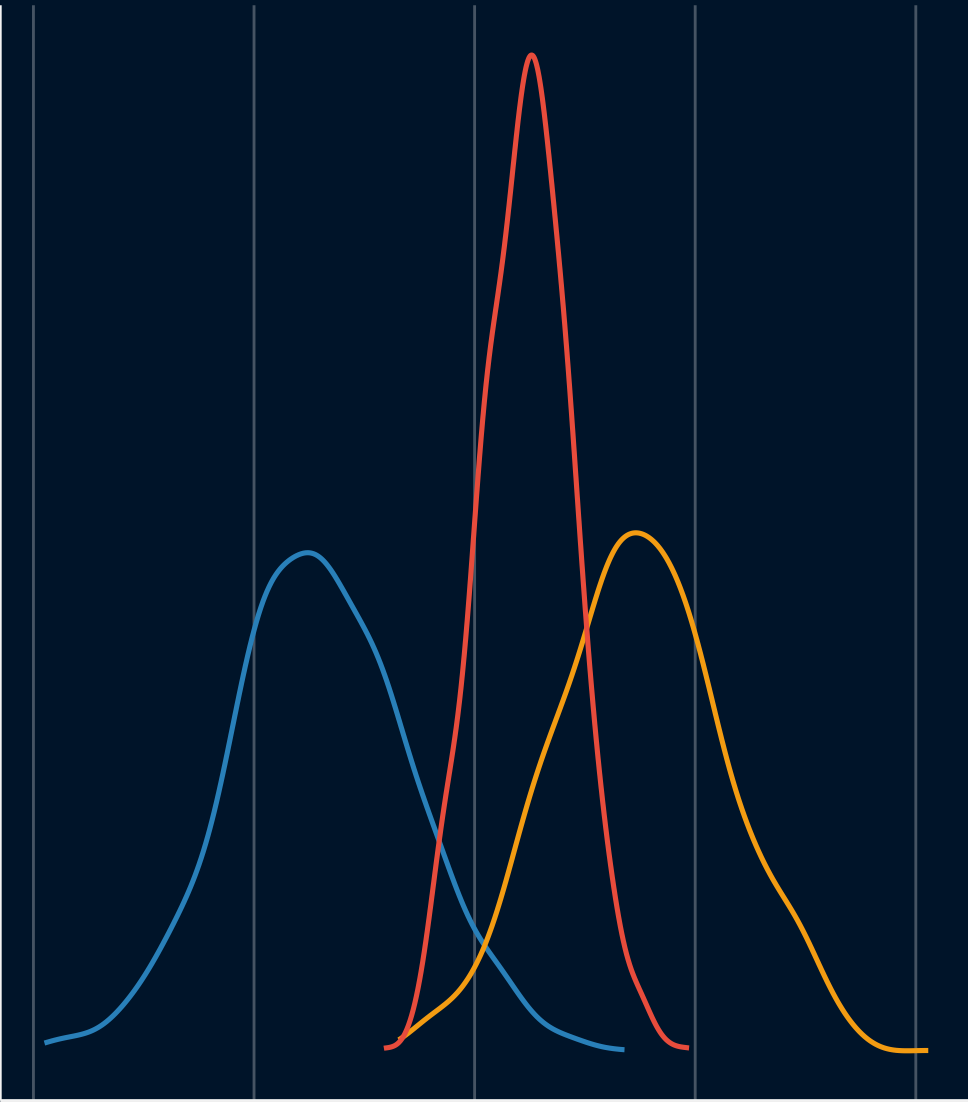
Parameter

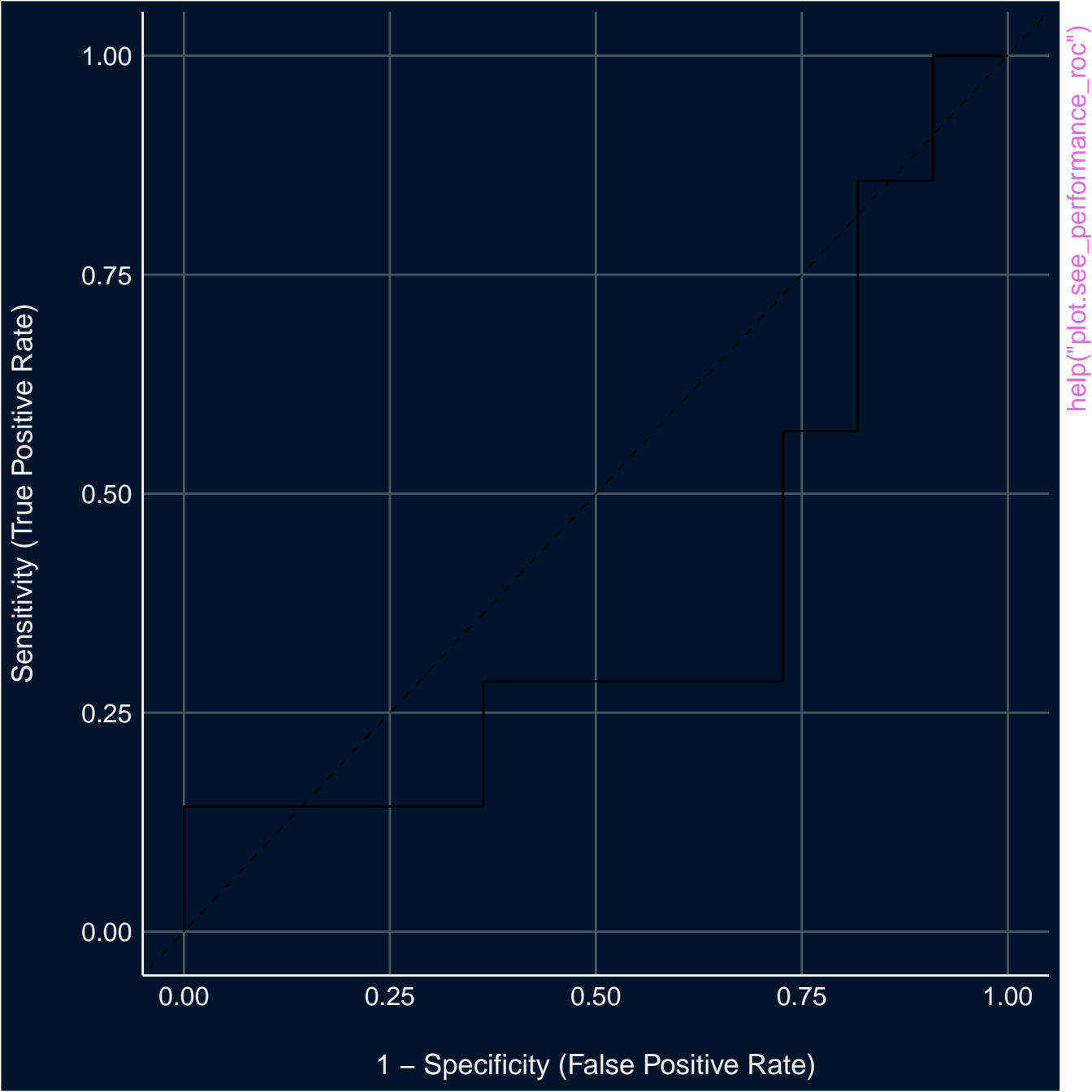
- wt
- gear
- cyl

`help("plot.see_parameters_simulate")`

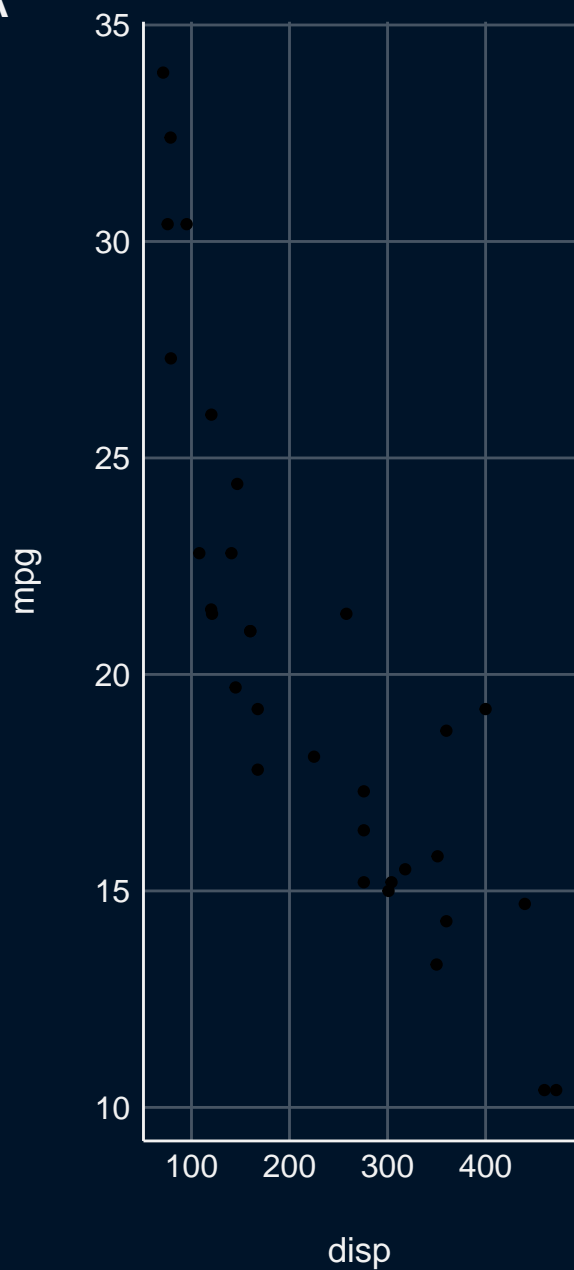
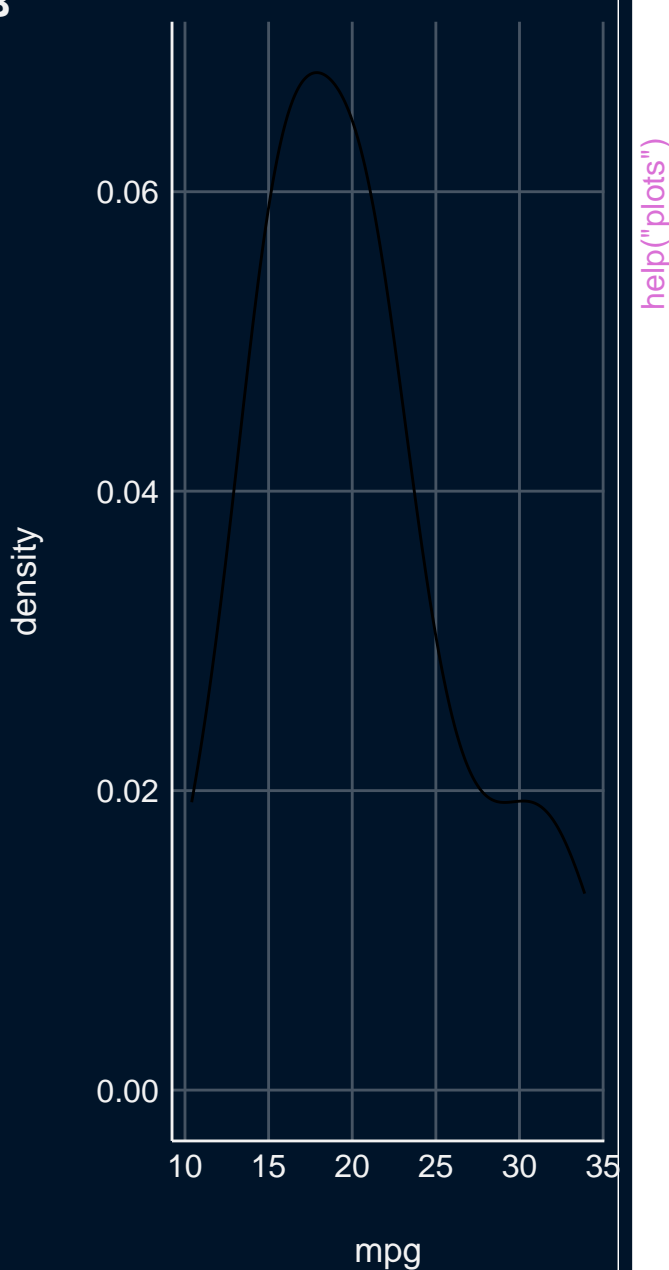
-6 -4 -2 0 2

Values







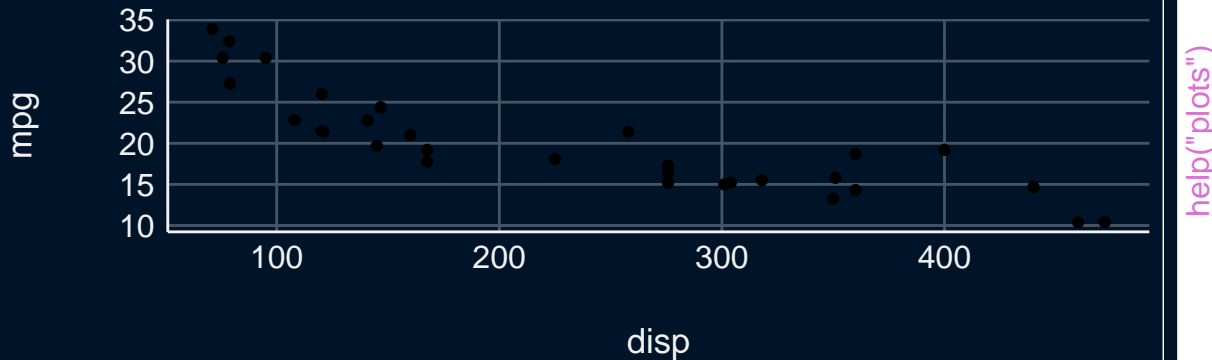
**A****B**

help("plots")

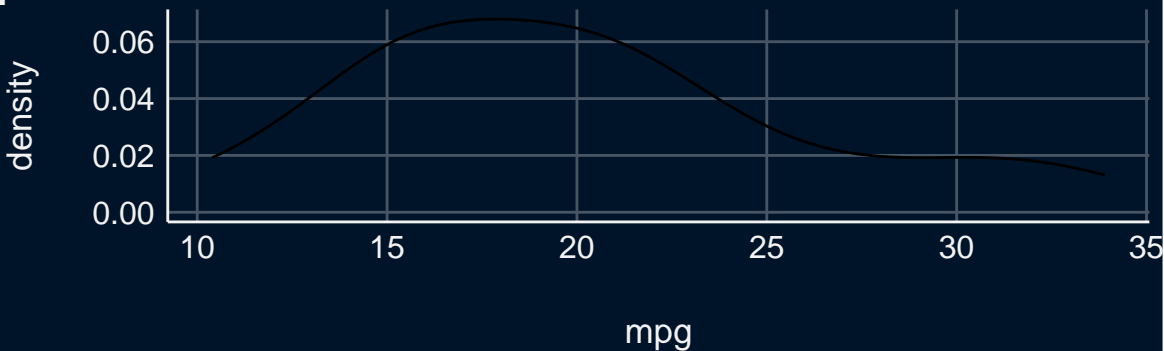


# The surprising truth about mtcars

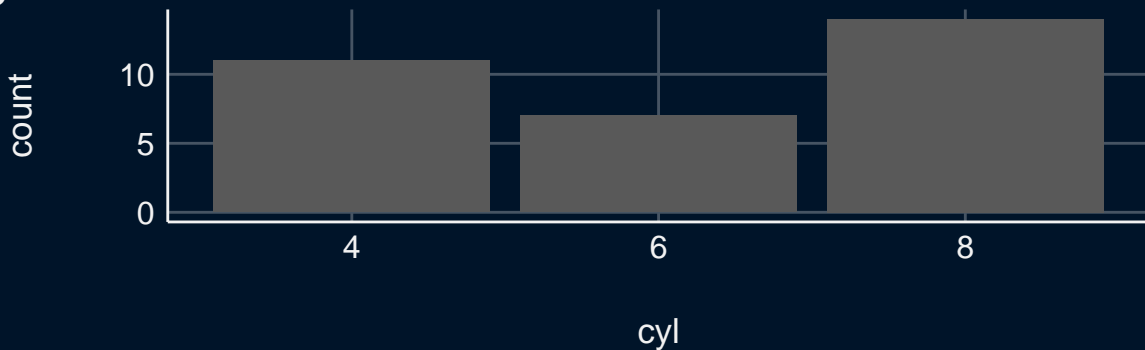
**Fig. 1**



**Fig. 2**

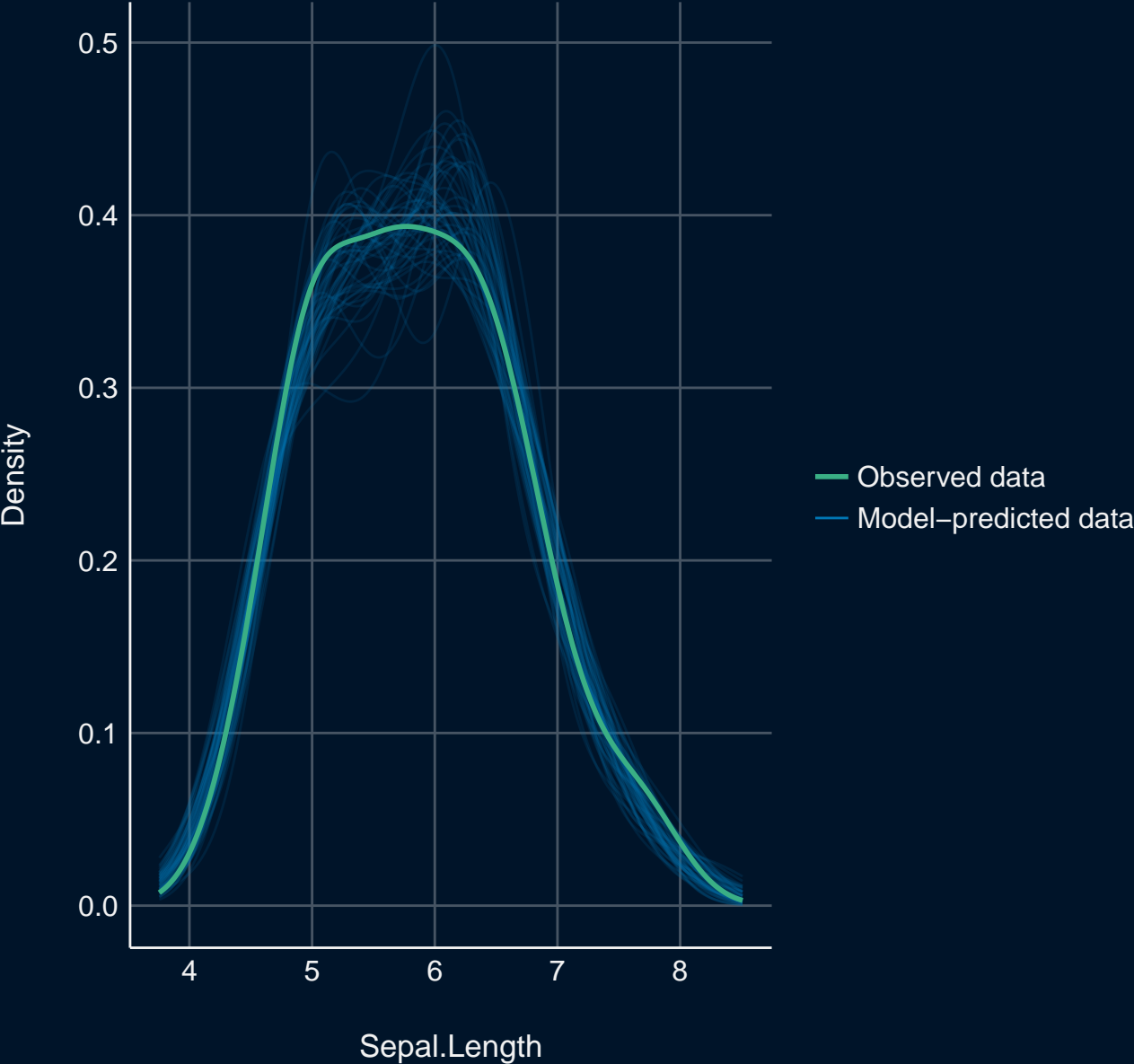


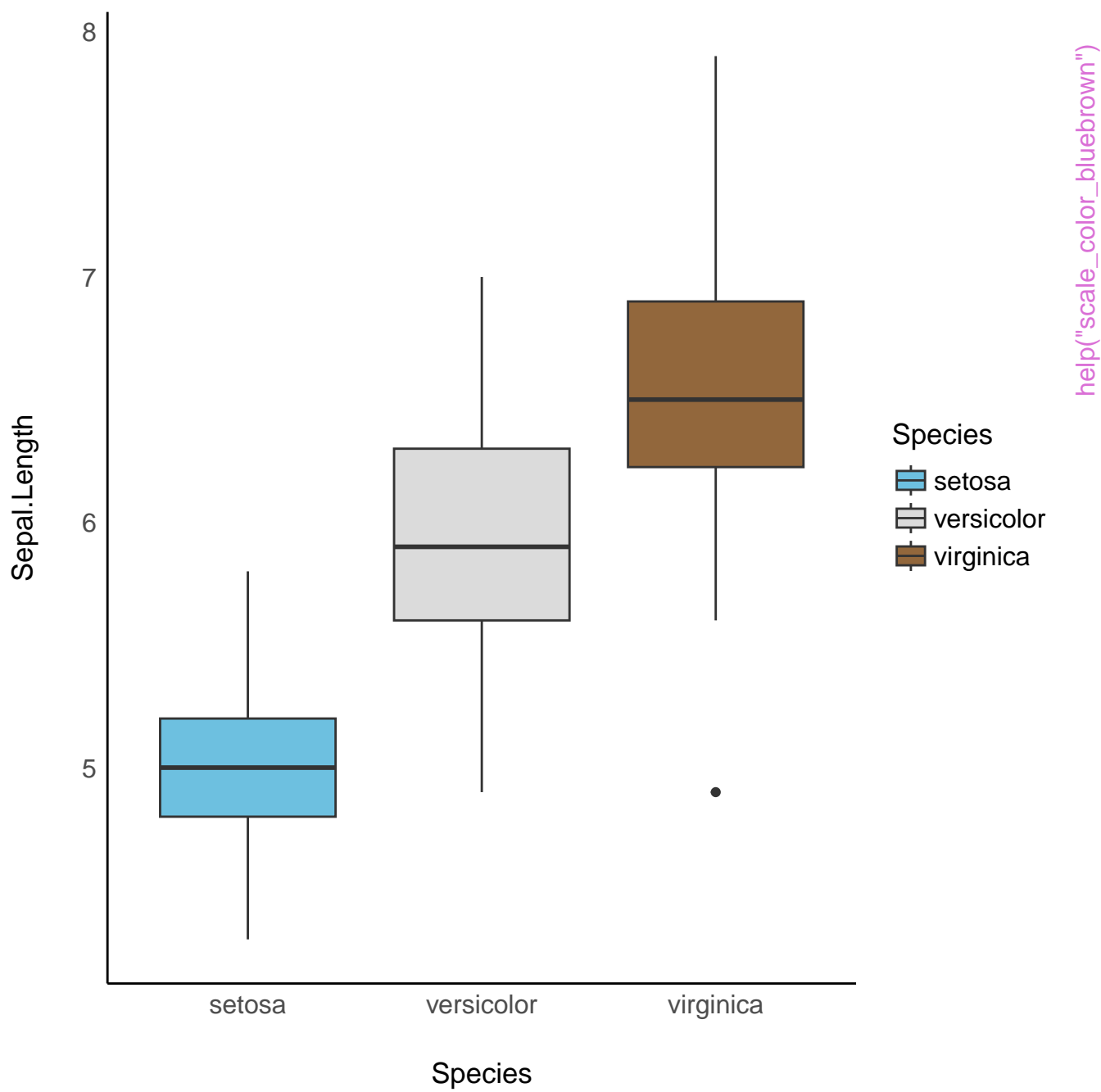
**Fig. 3**

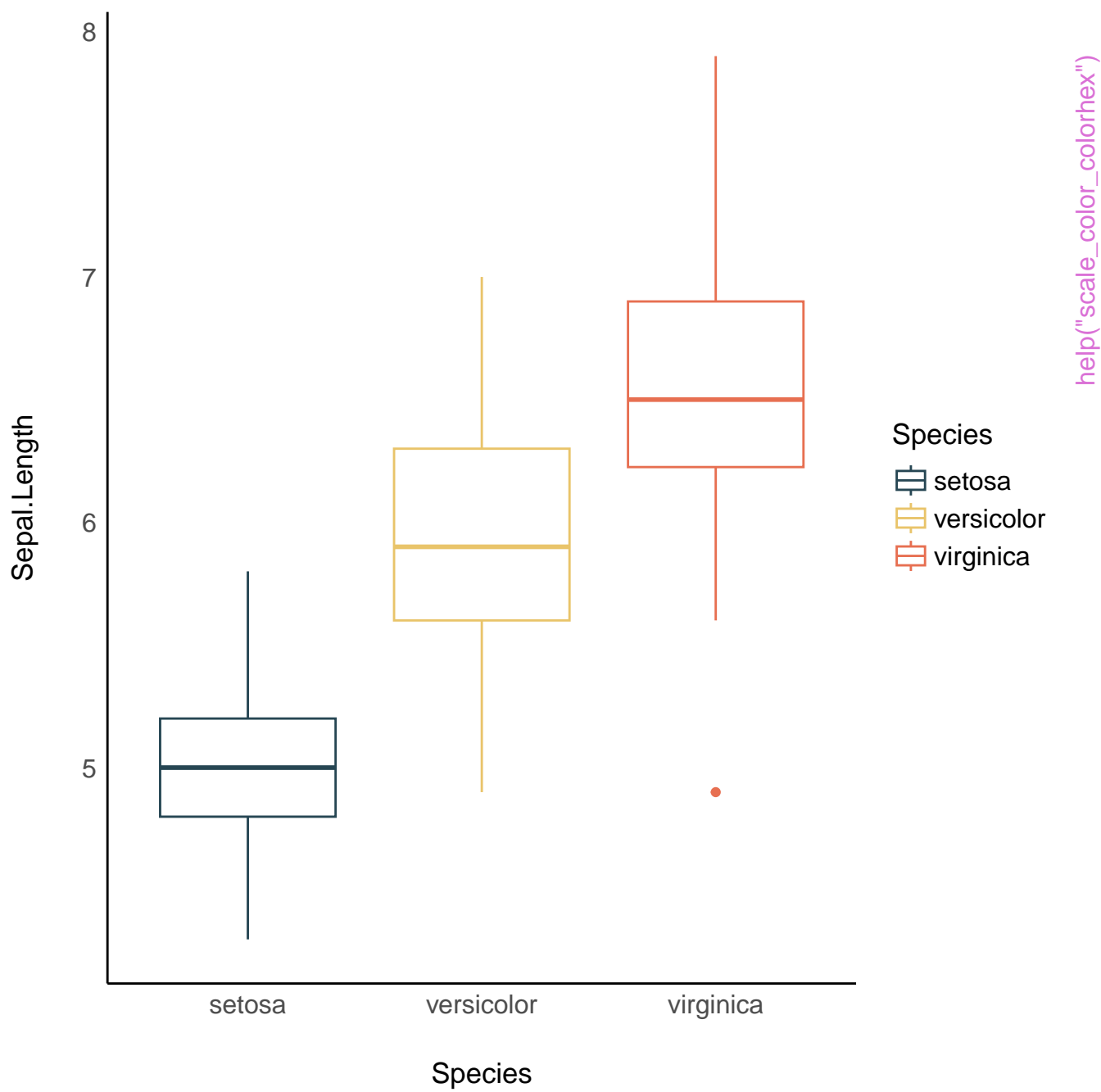


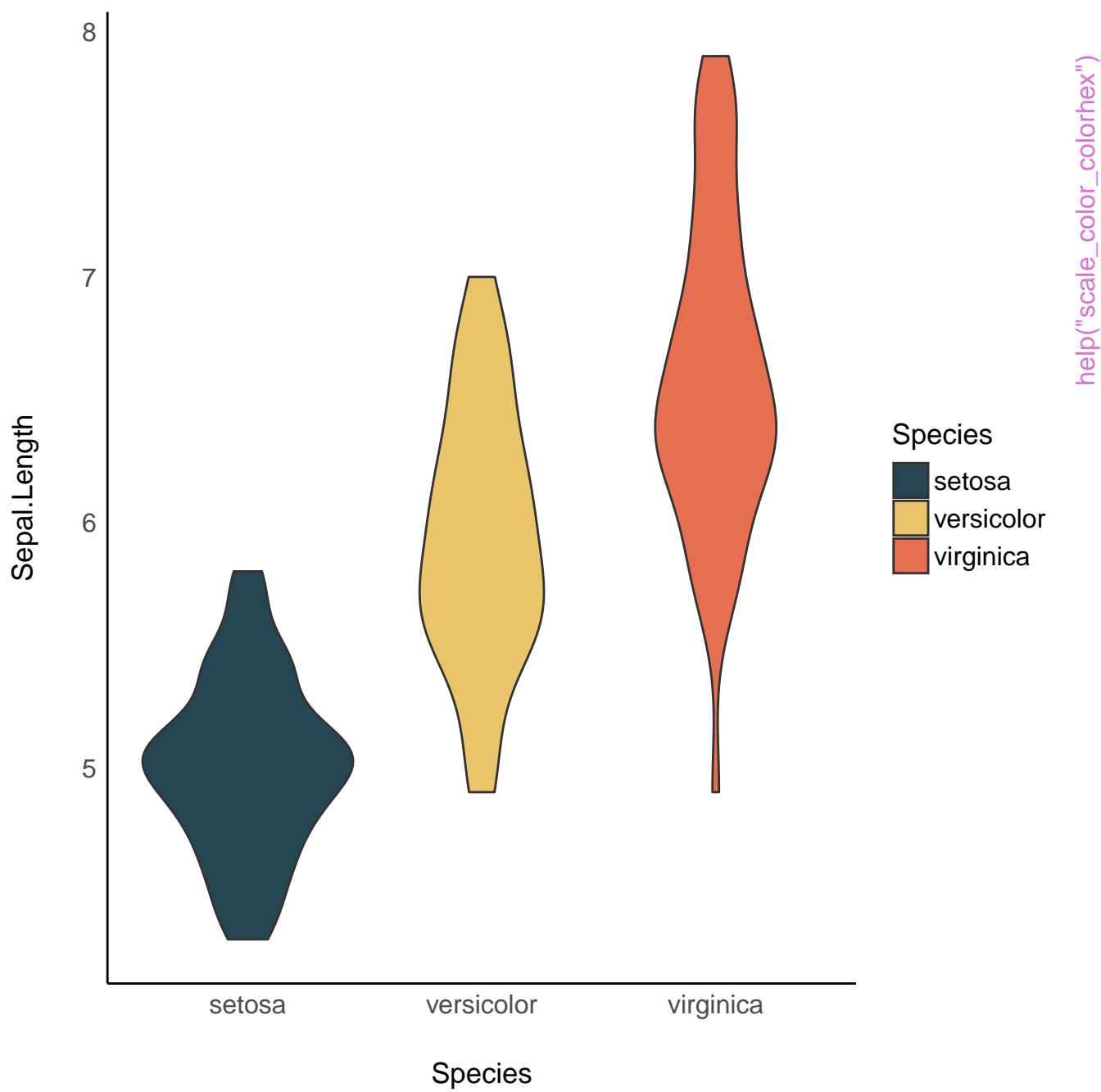
# Posterior Predictive Check

Model-predicted lines should resemble observed data line

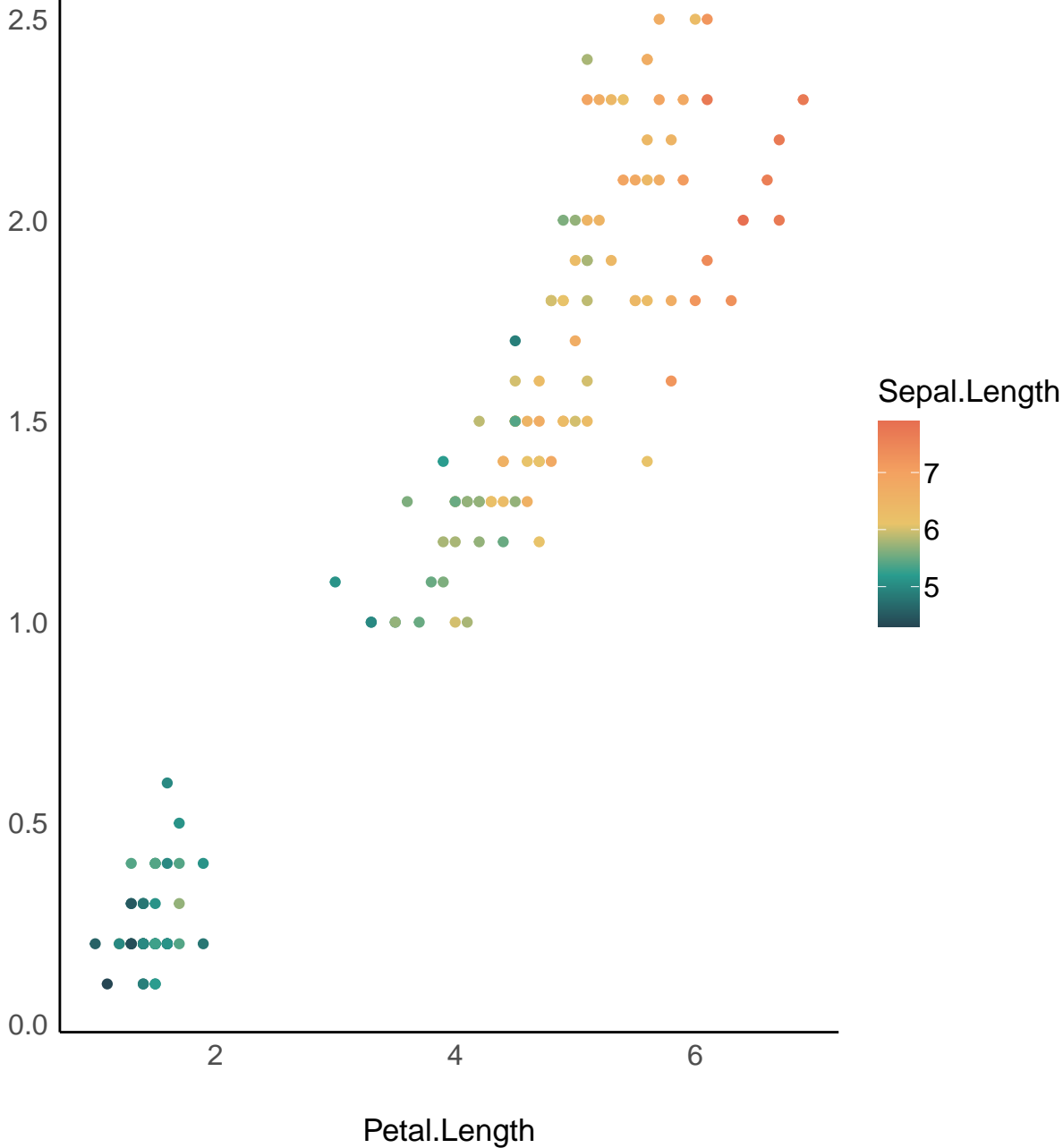




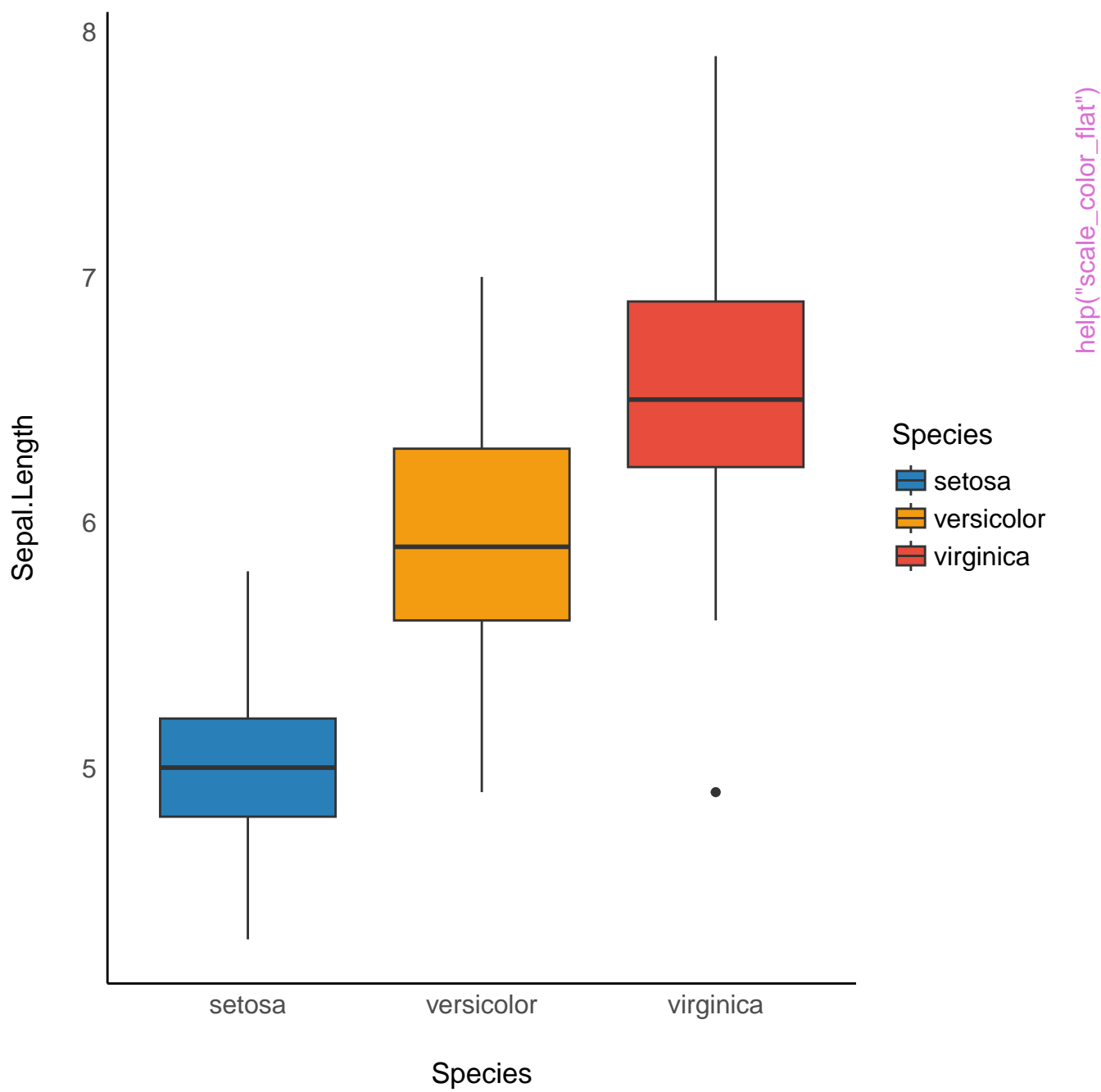


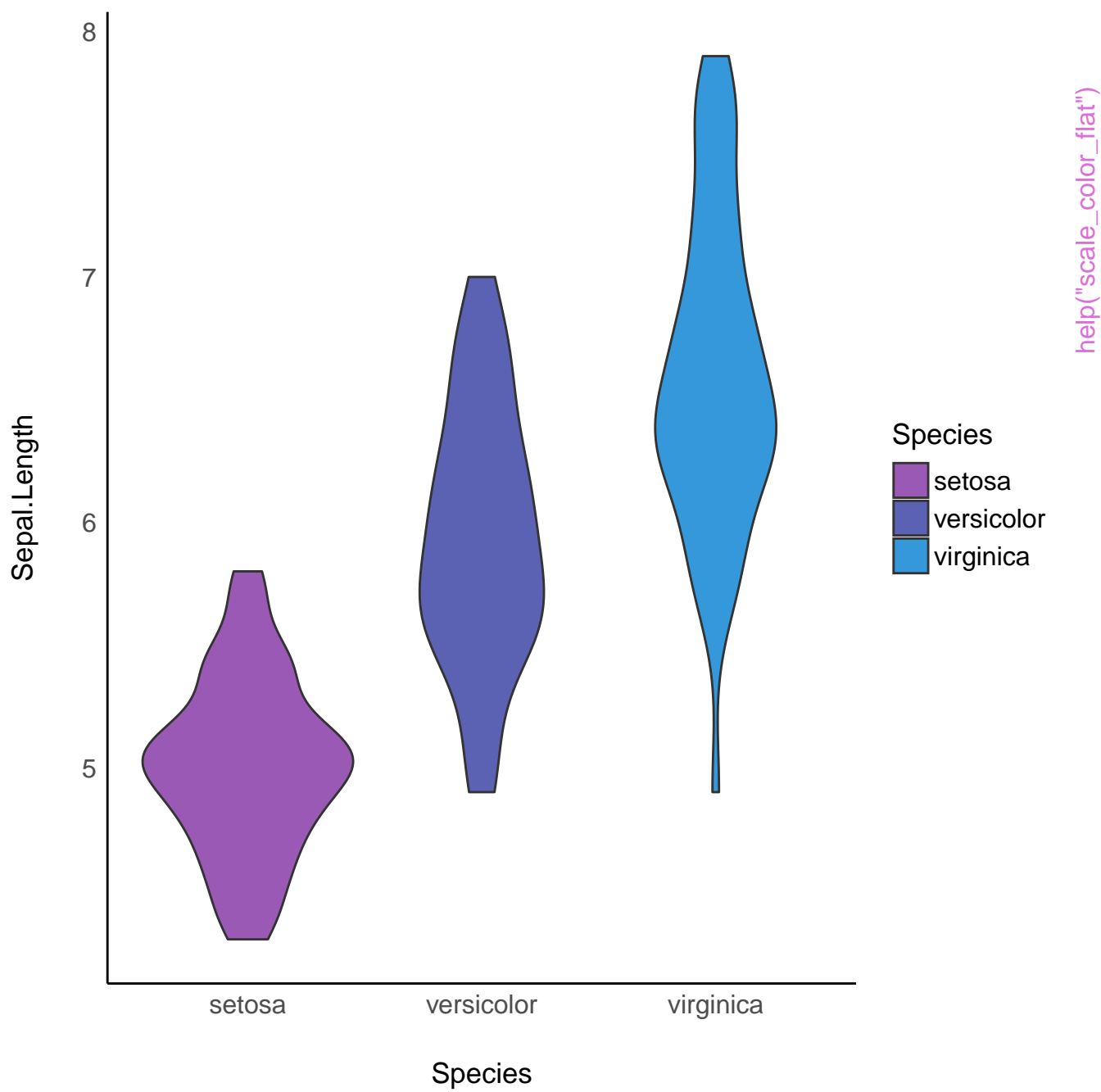


Petal.Width



help("scale\_color\_hex")







Petal.Width

2.5  
2.0  
1.5  
1.0  
0.5  
0.0

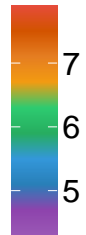
2

4

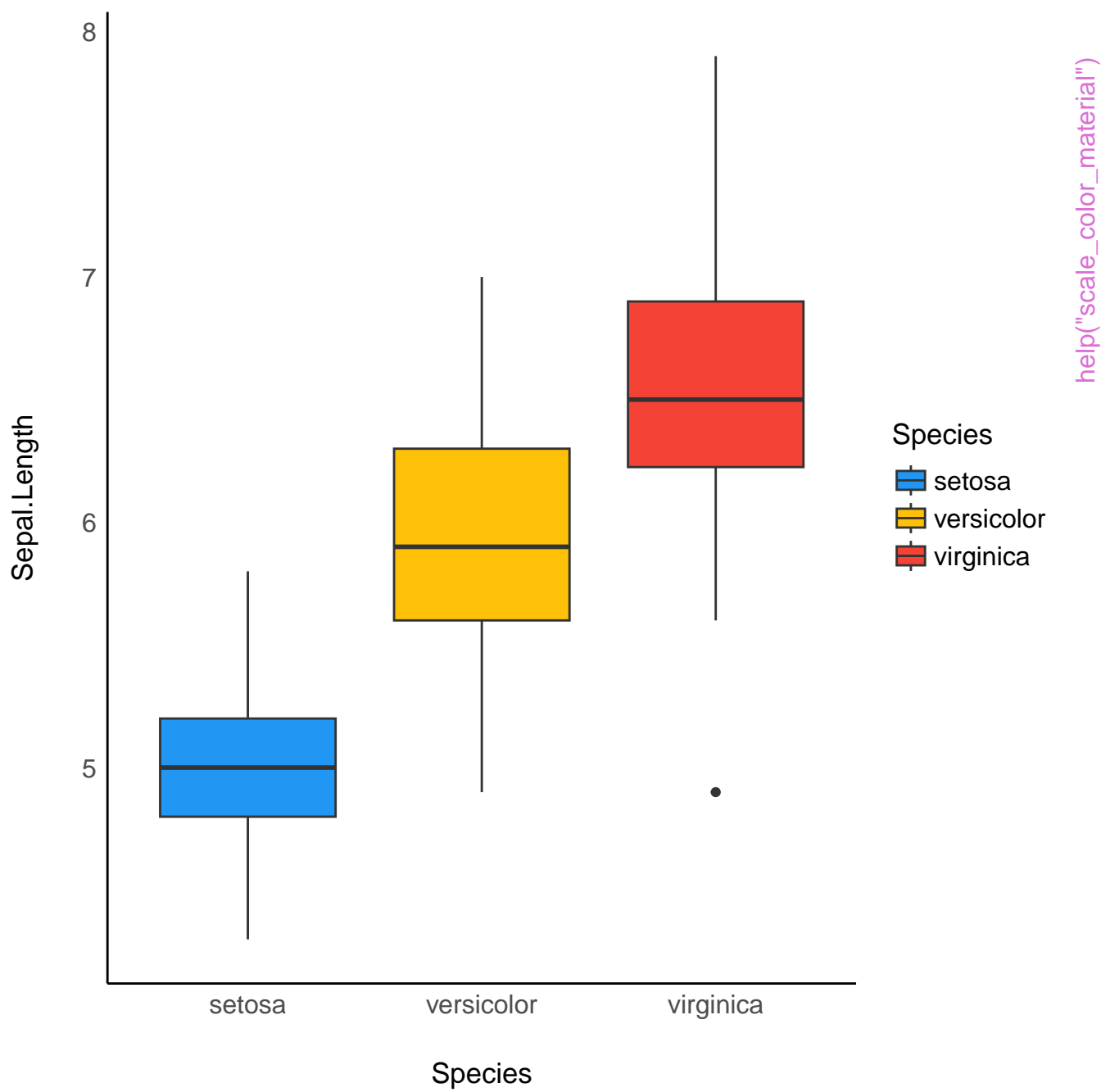
6

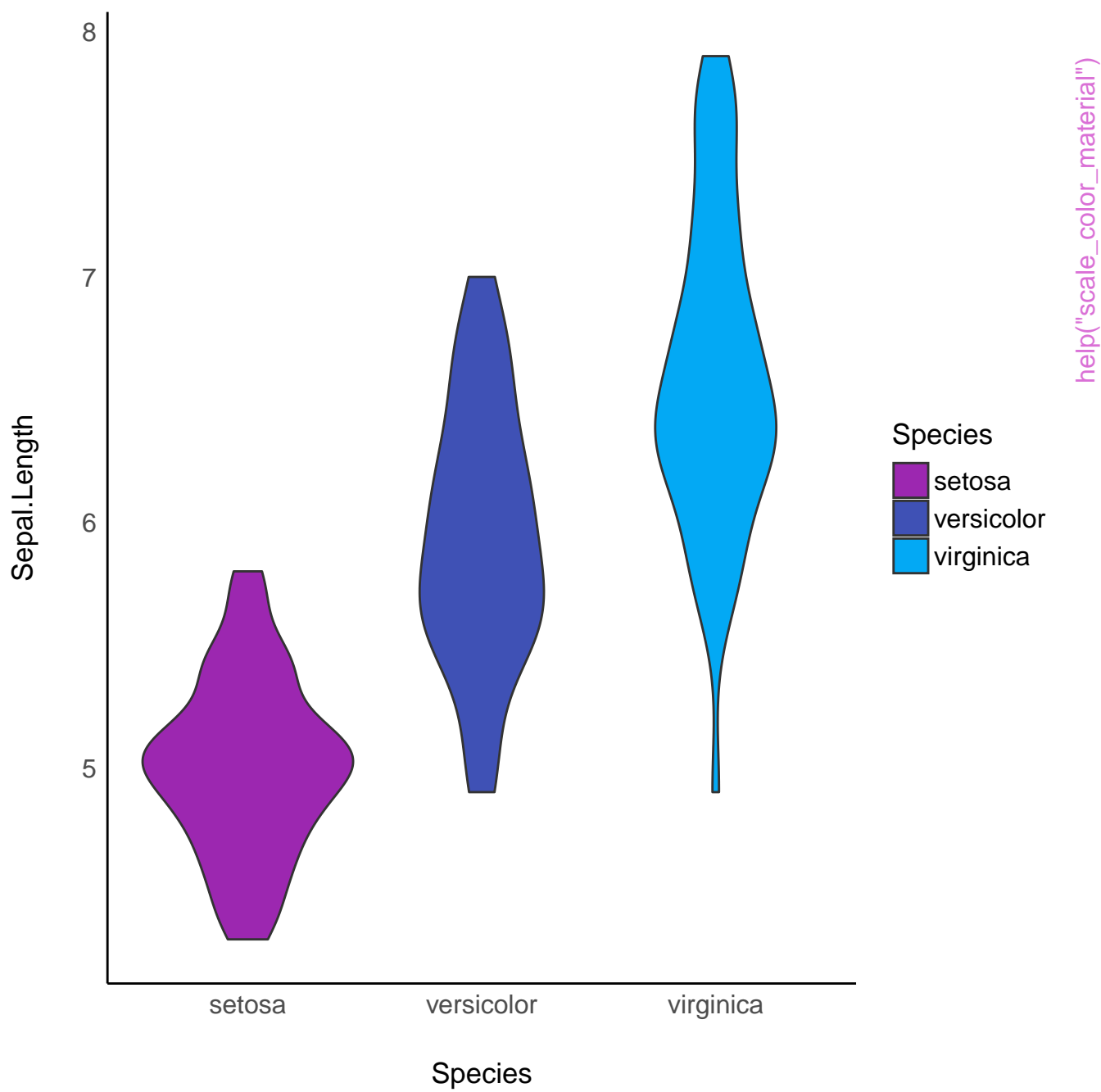
Petal.Length

Sepal.Length



help("scale\_color\_flat")





Petal.Width

2.5  
2.0  
1.5  
1.0  
0.5  
0.0

2

4

6

Petal.Length

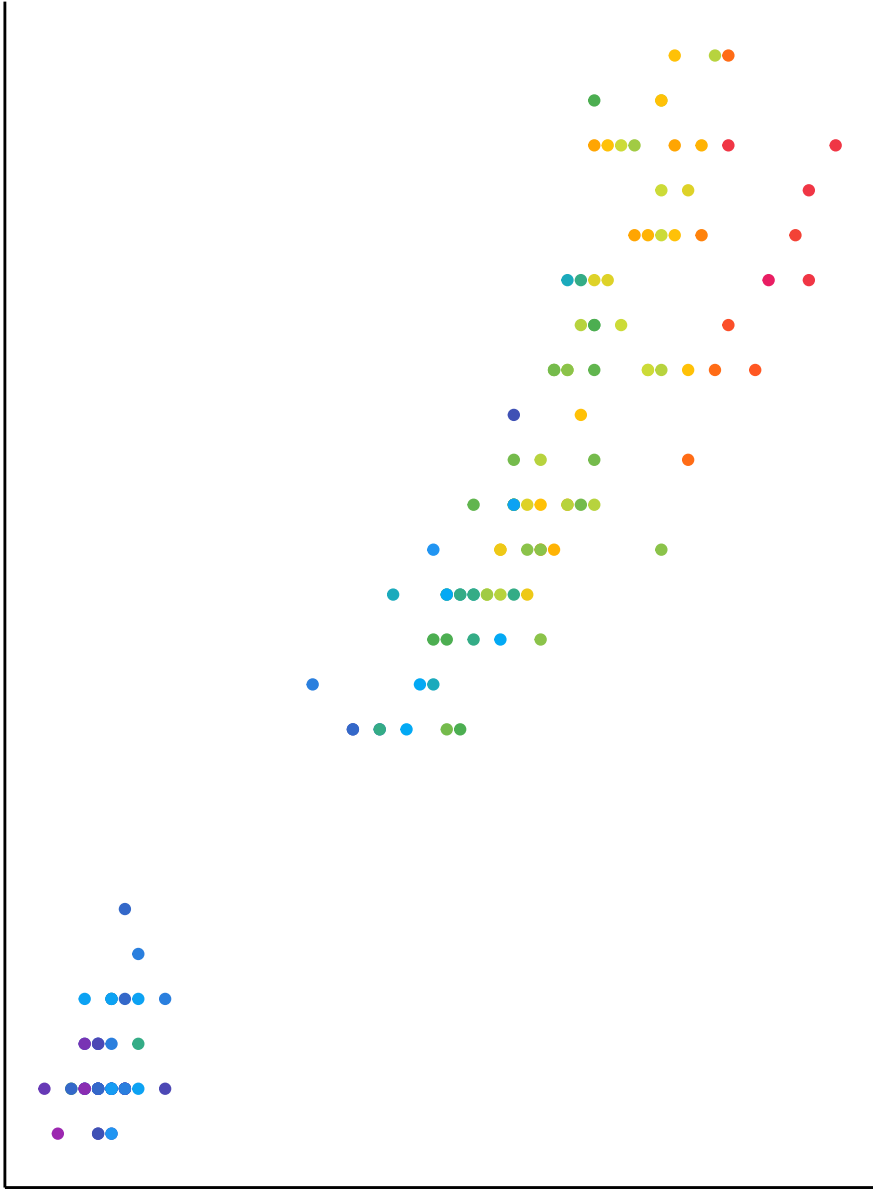
Sepal.Length

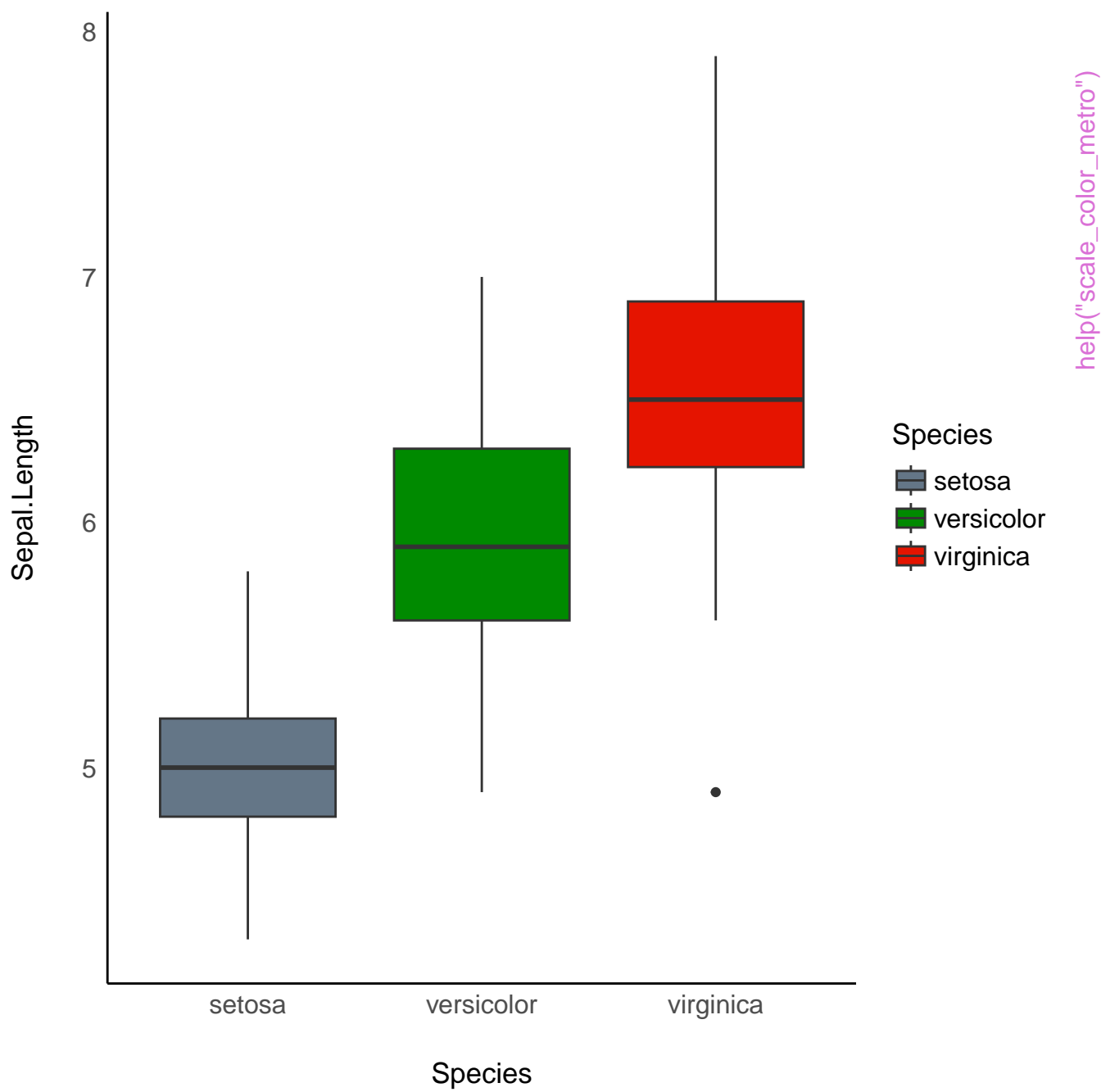
7

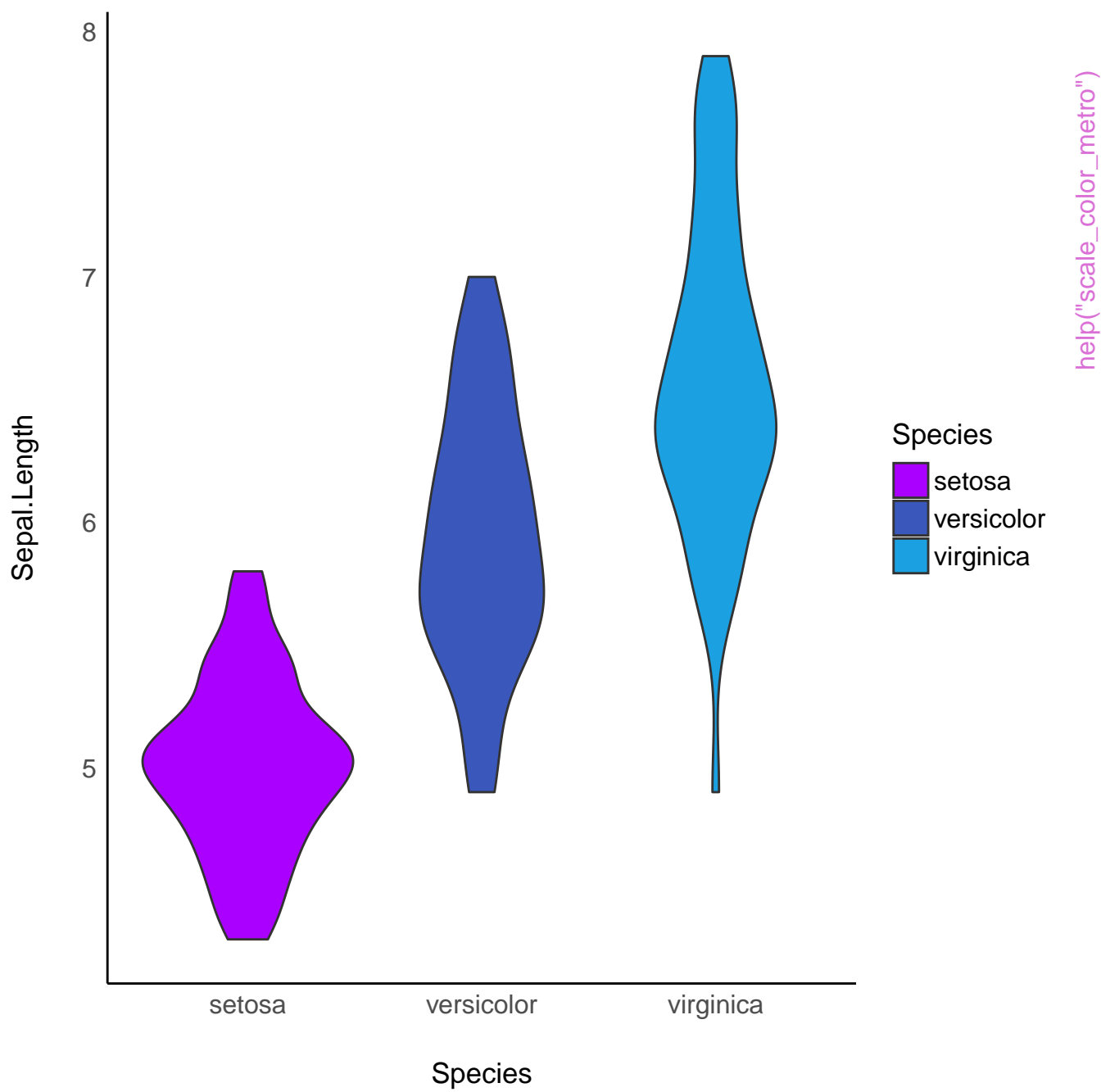
6

5

help("scale\_color\_material")







Petal.Width

2.5  
2.0  
1.5  
1.0  
0.5  
0.0

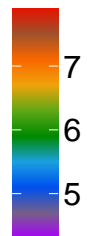
2

4

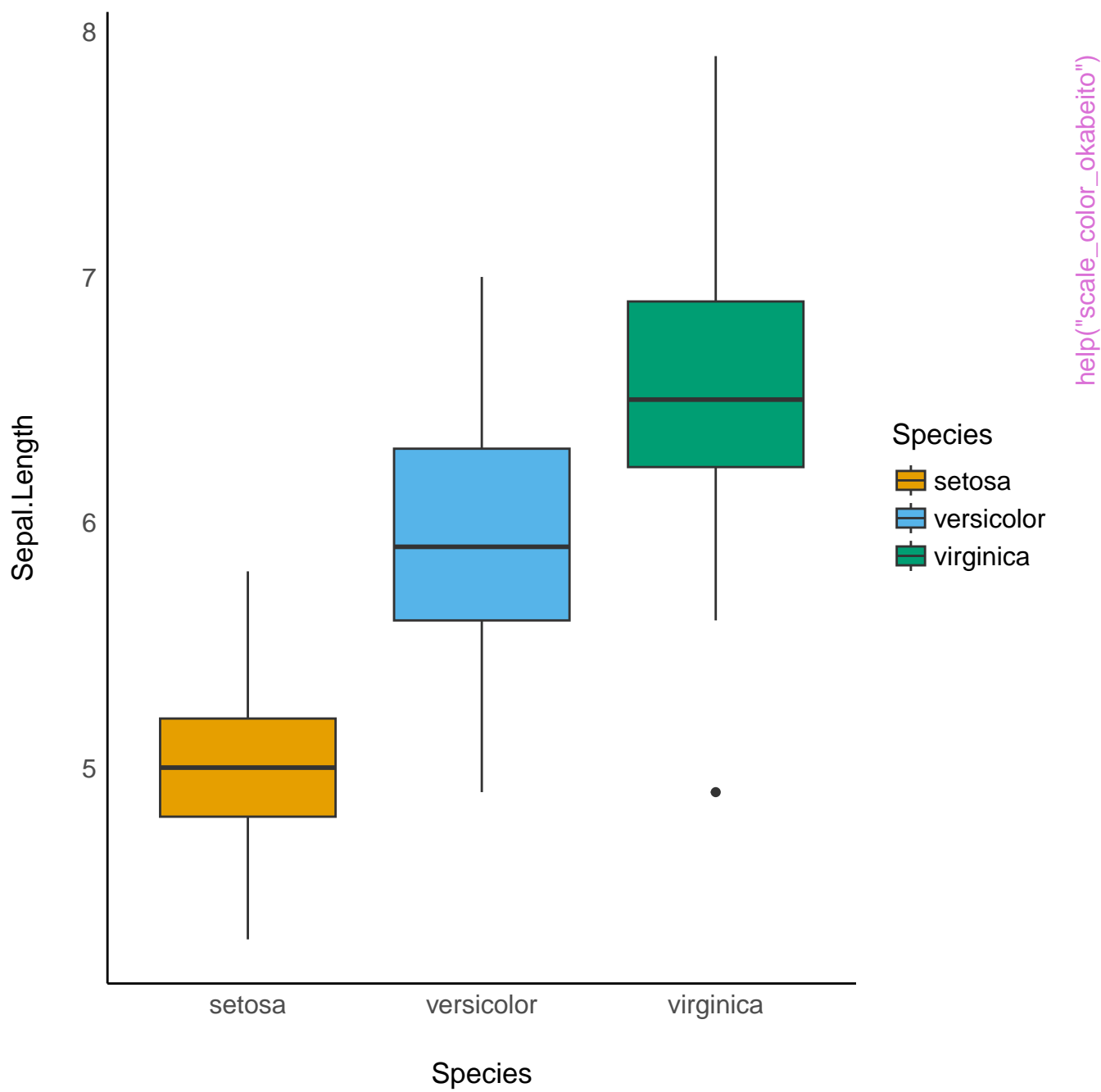
6

Petal.Length

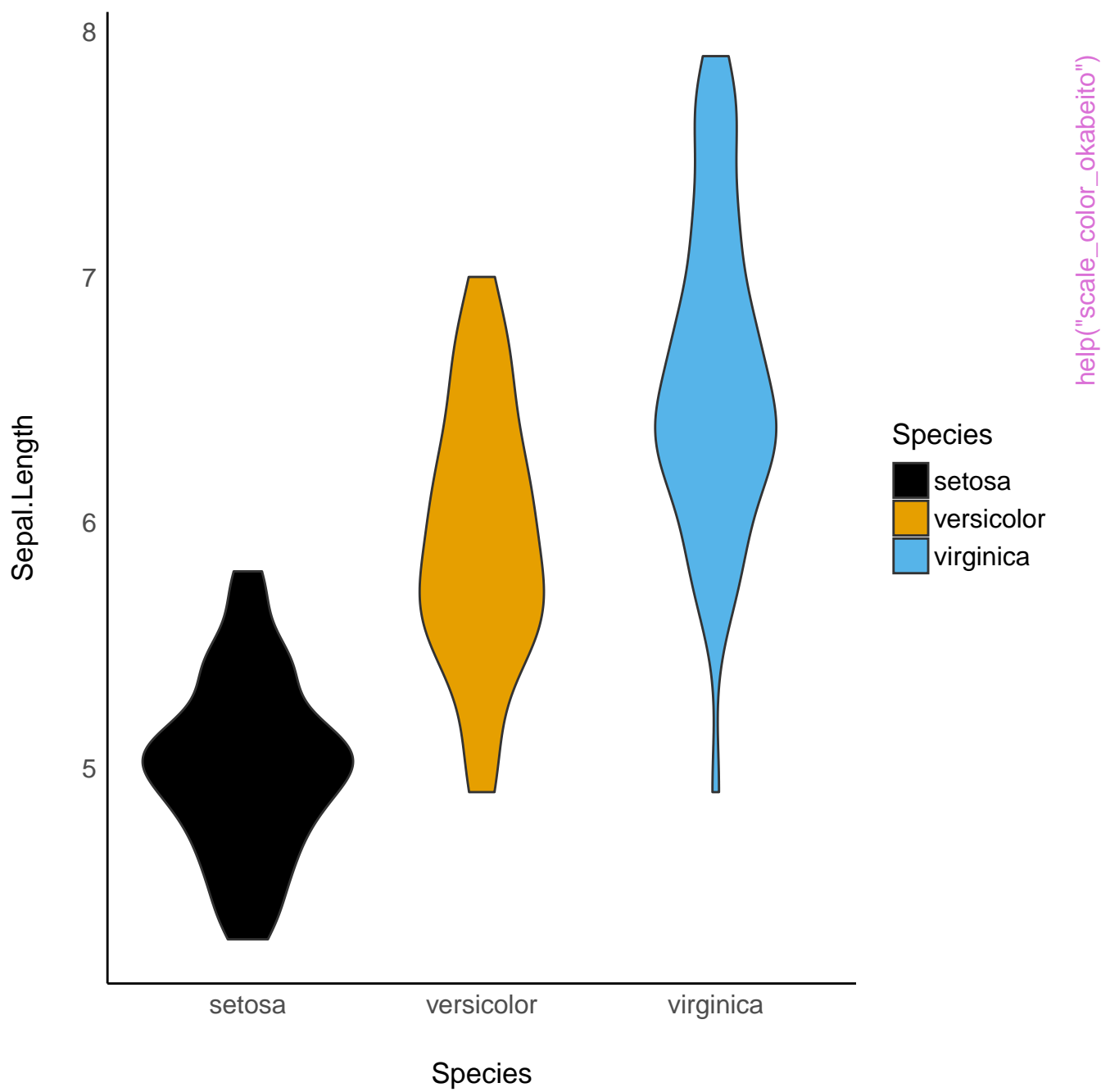
Sepal.Length

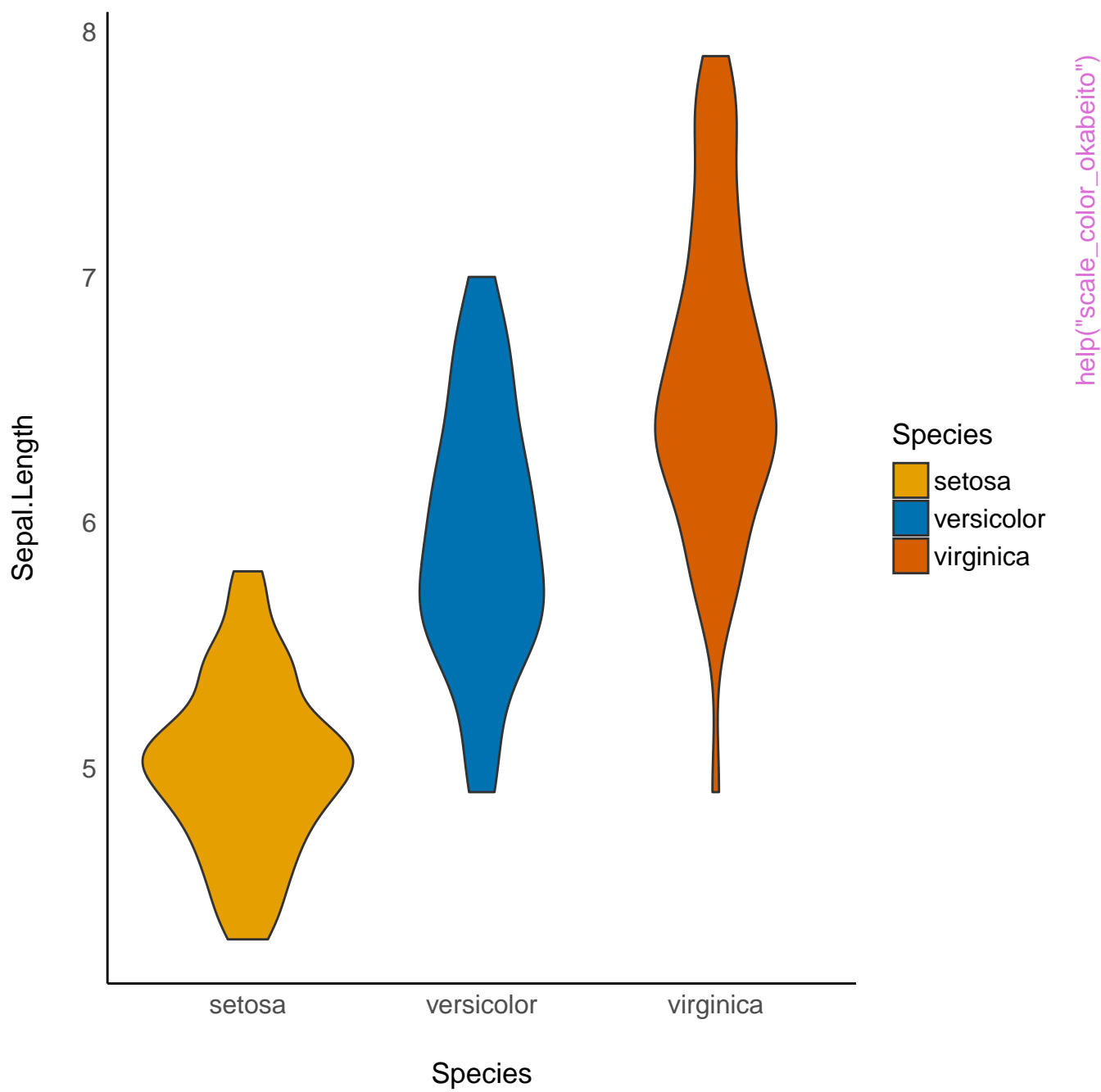


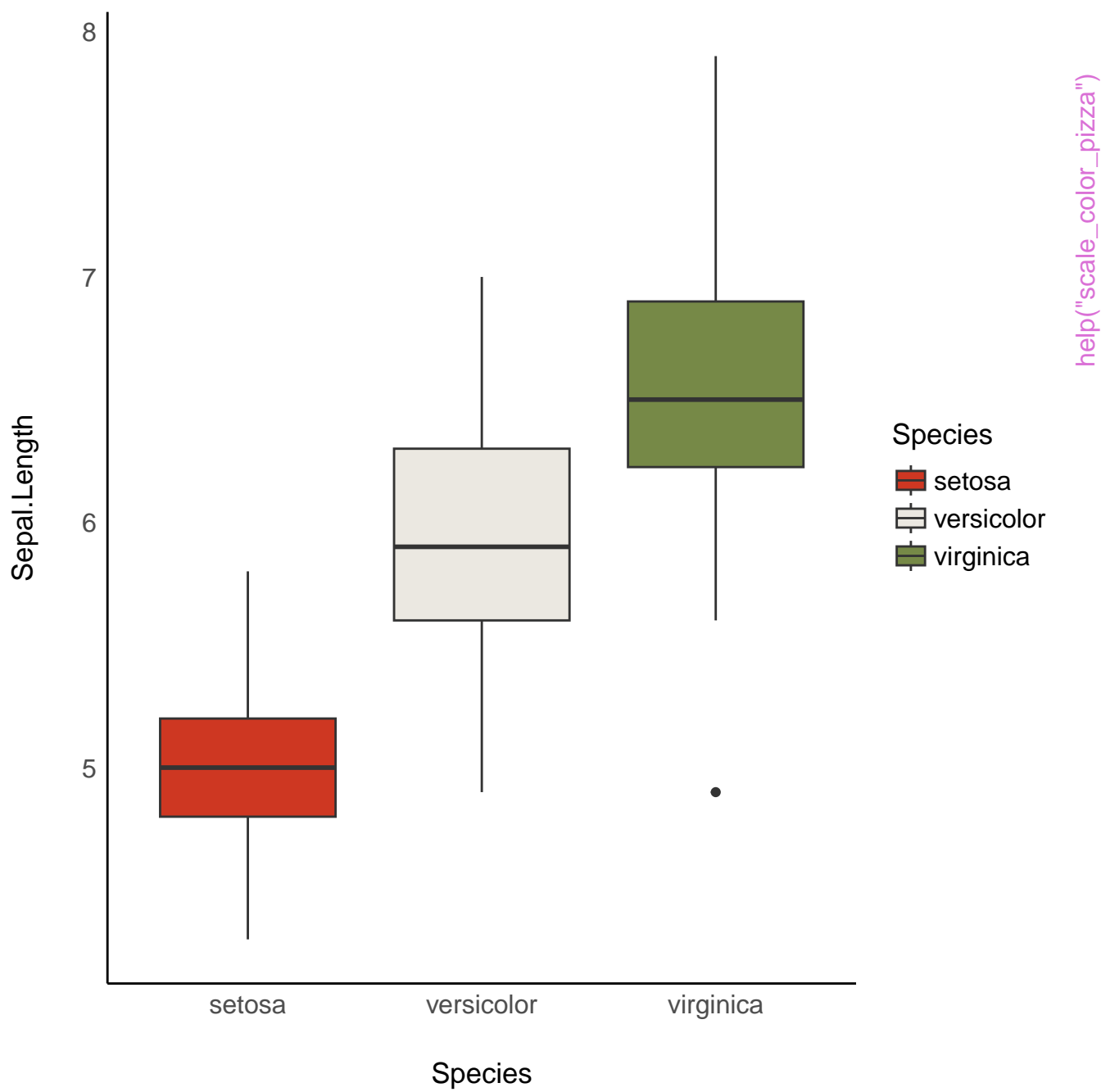
help("scale\_color\_metro")











Petal.Width

2.5  
2.0  
1.5  
1.0  
0.5  
0.0

2

4

6

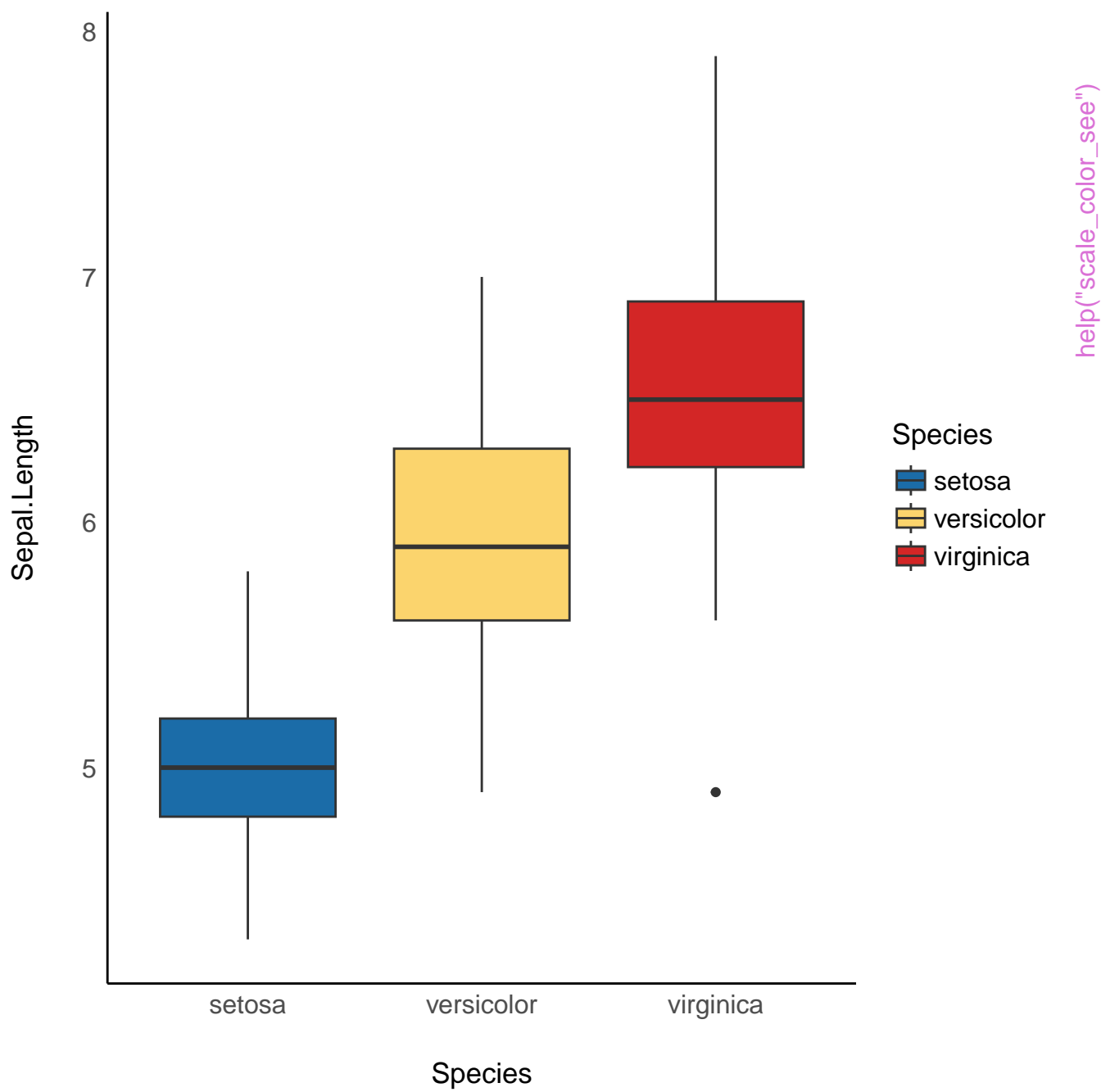
Petal.Length

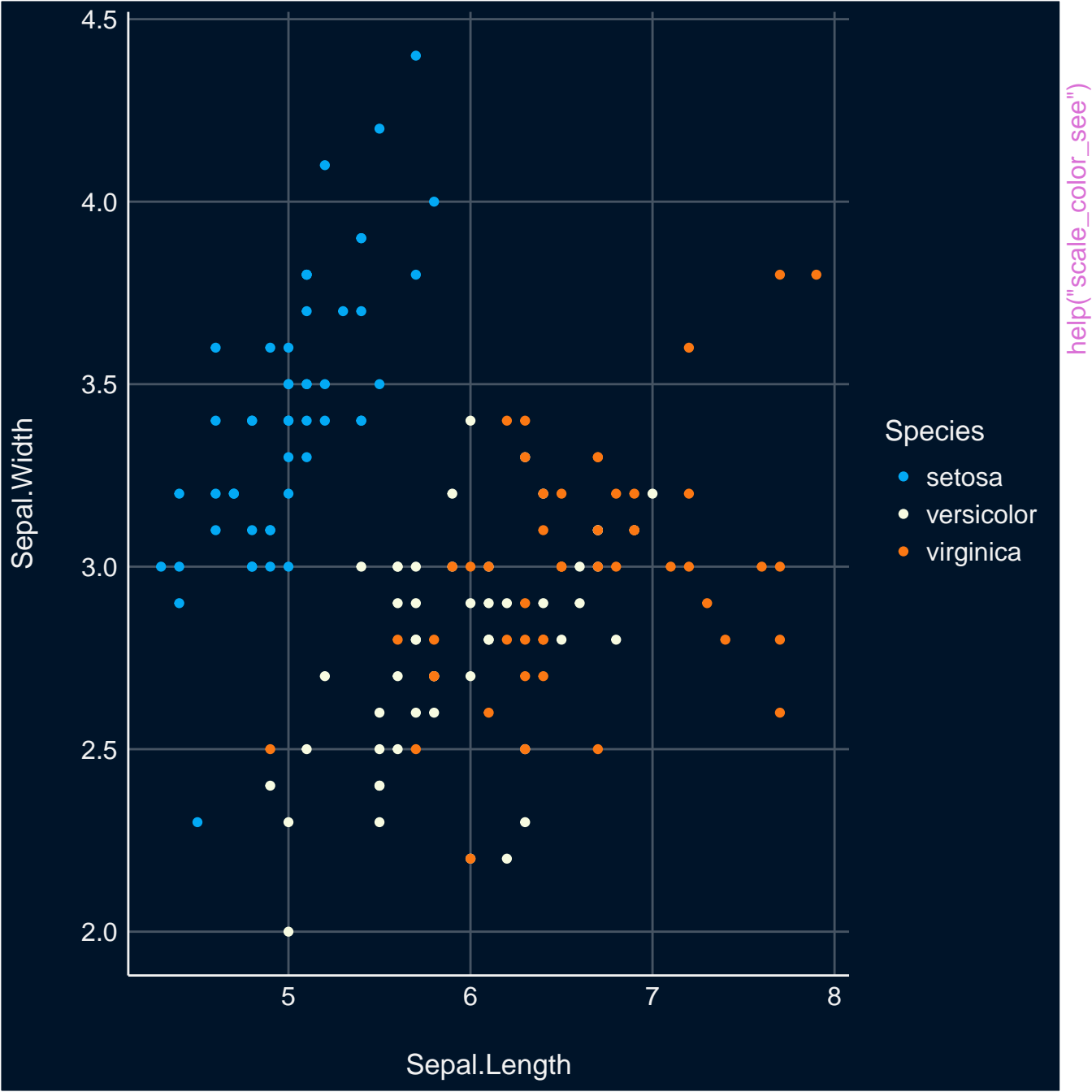
Sepal.Length

7  
6  
5

help("scale\_color\_pizza")







Petal.Width

2.5  
2.0  
1.5  
1.0  
0.5  
0.0

2

4

6

Petal.Length

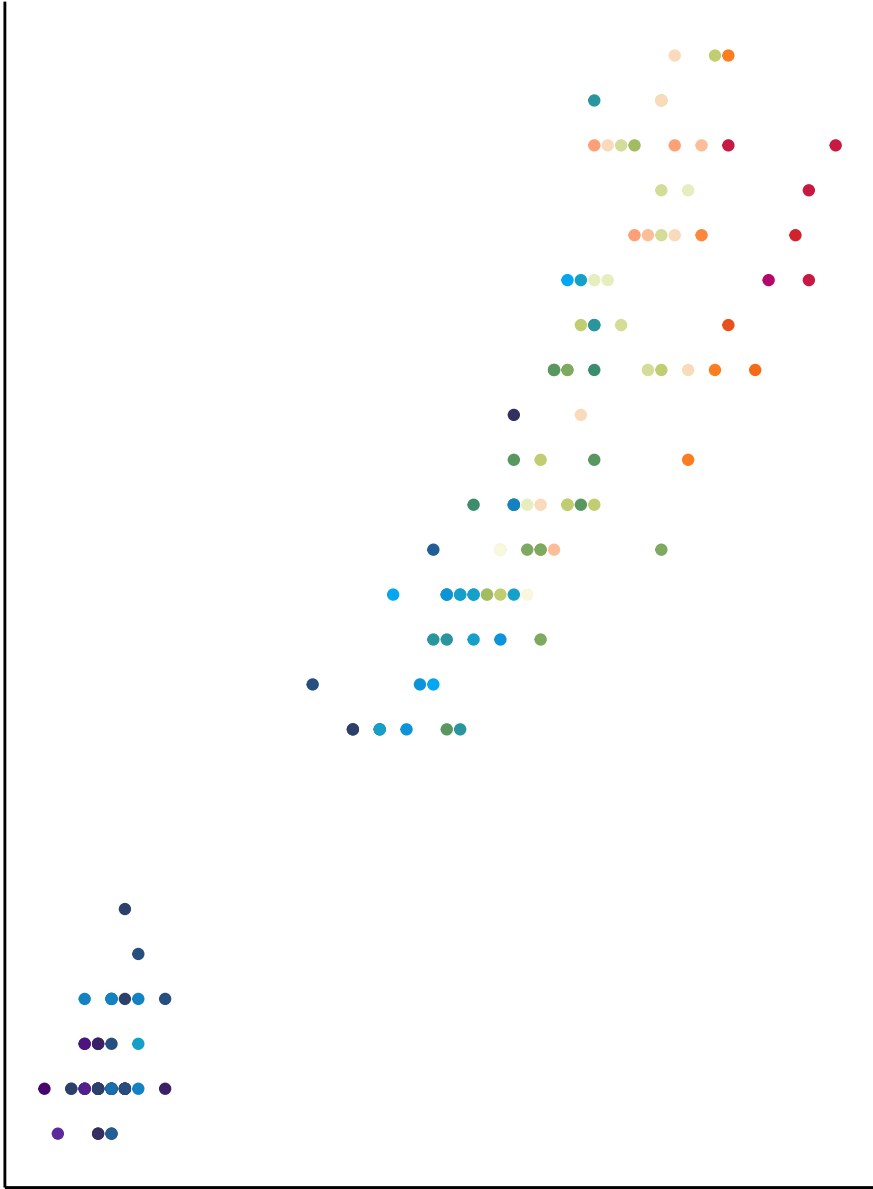
Sepal.Length

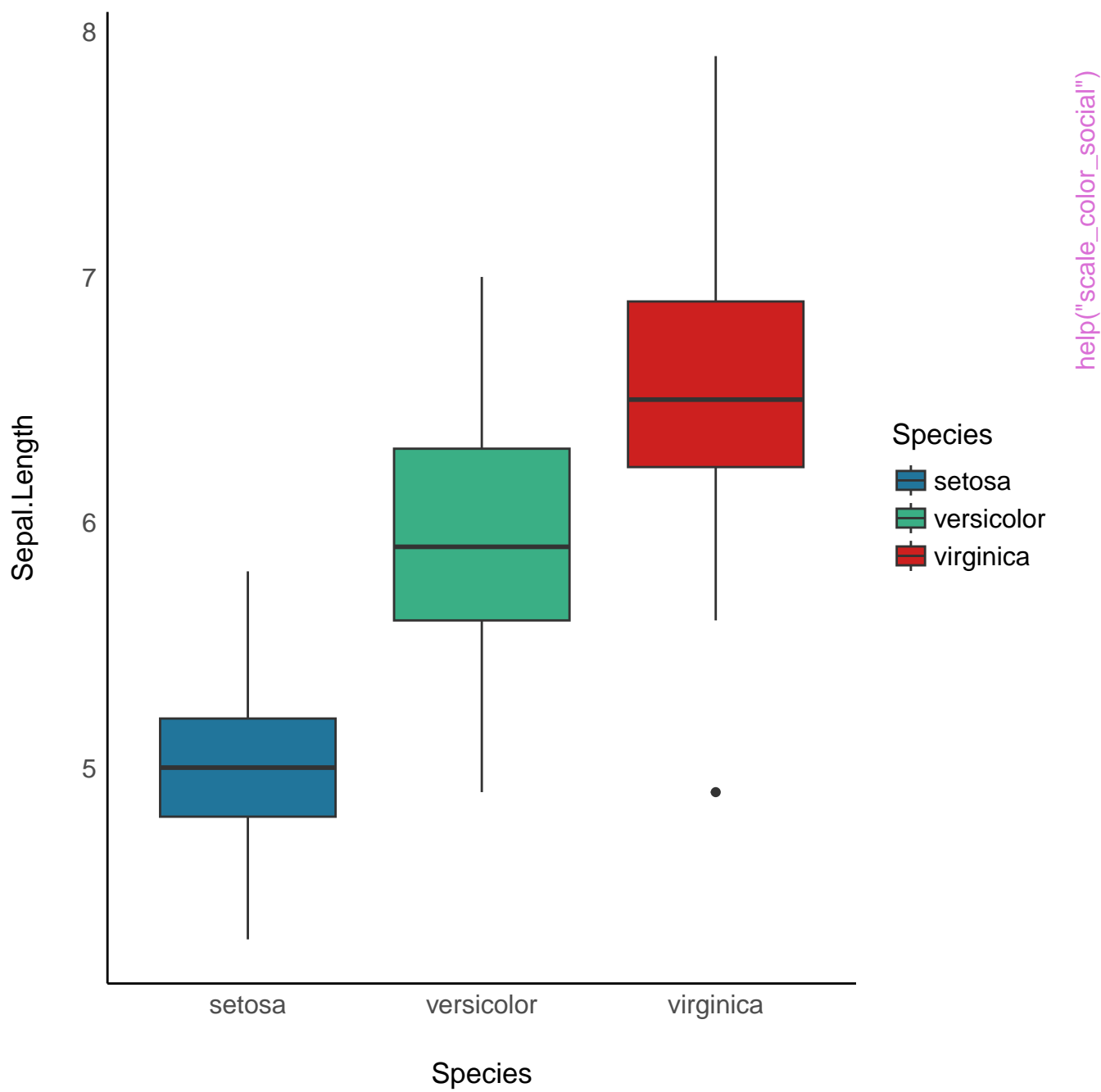
7

6

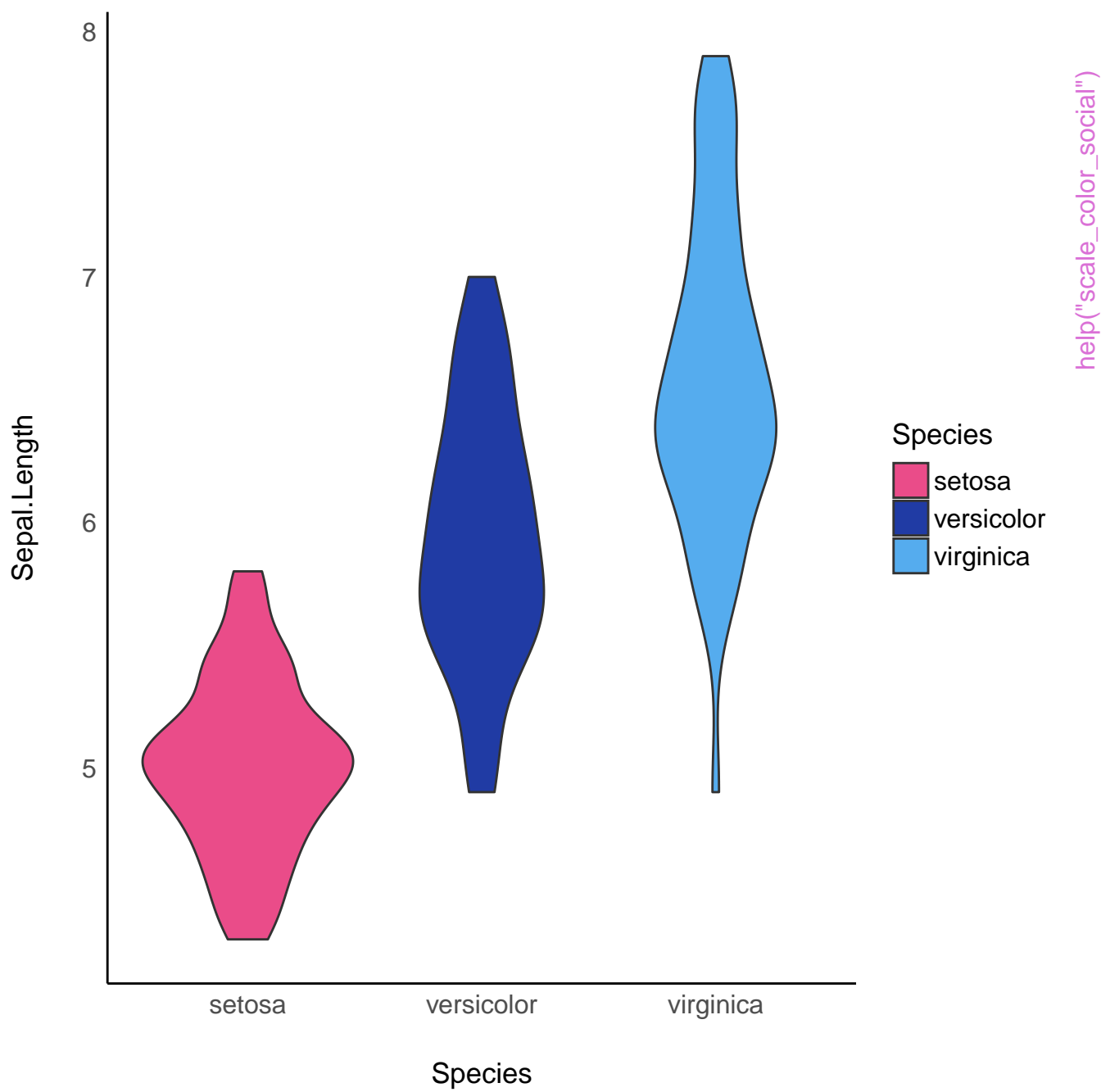
5

help("scale\_color\_see")









Petal.Width

2.5  
2.0  
1.5  
1.0  
0.5  
0.0

2

4

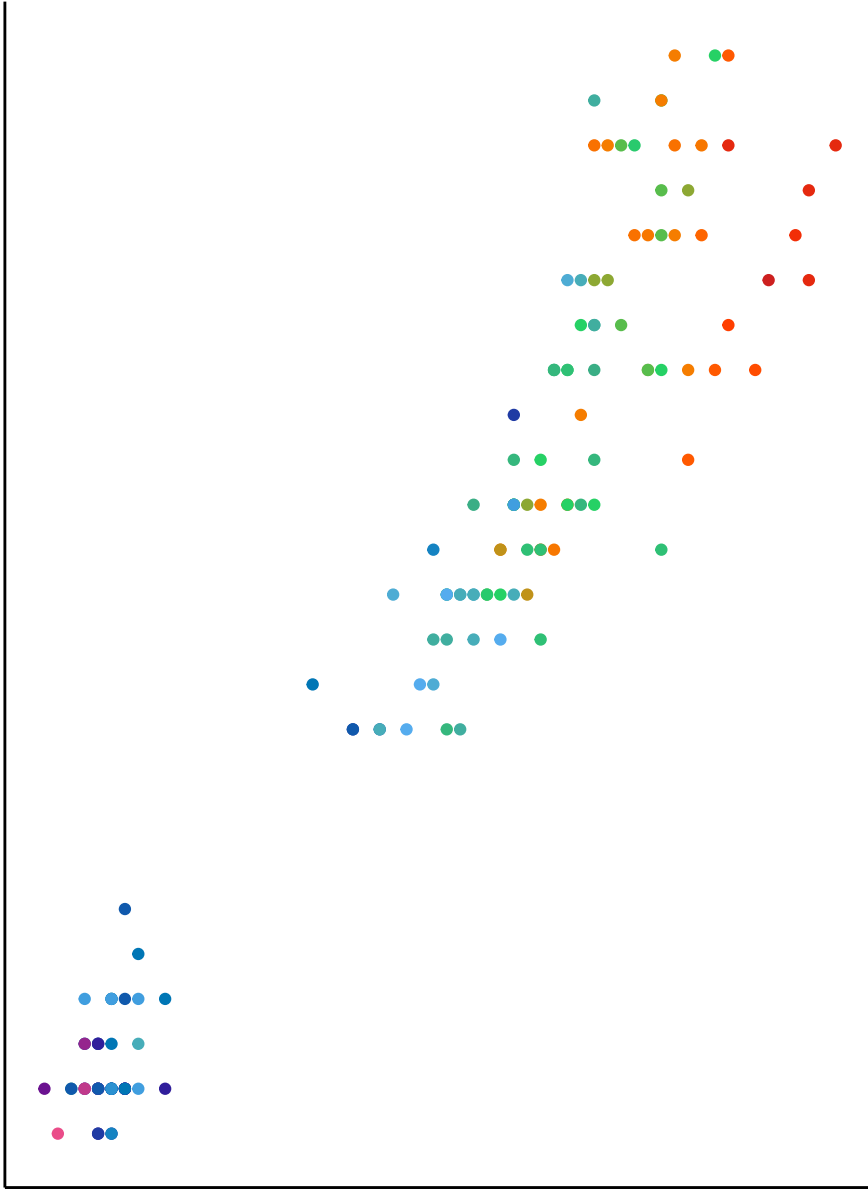
6

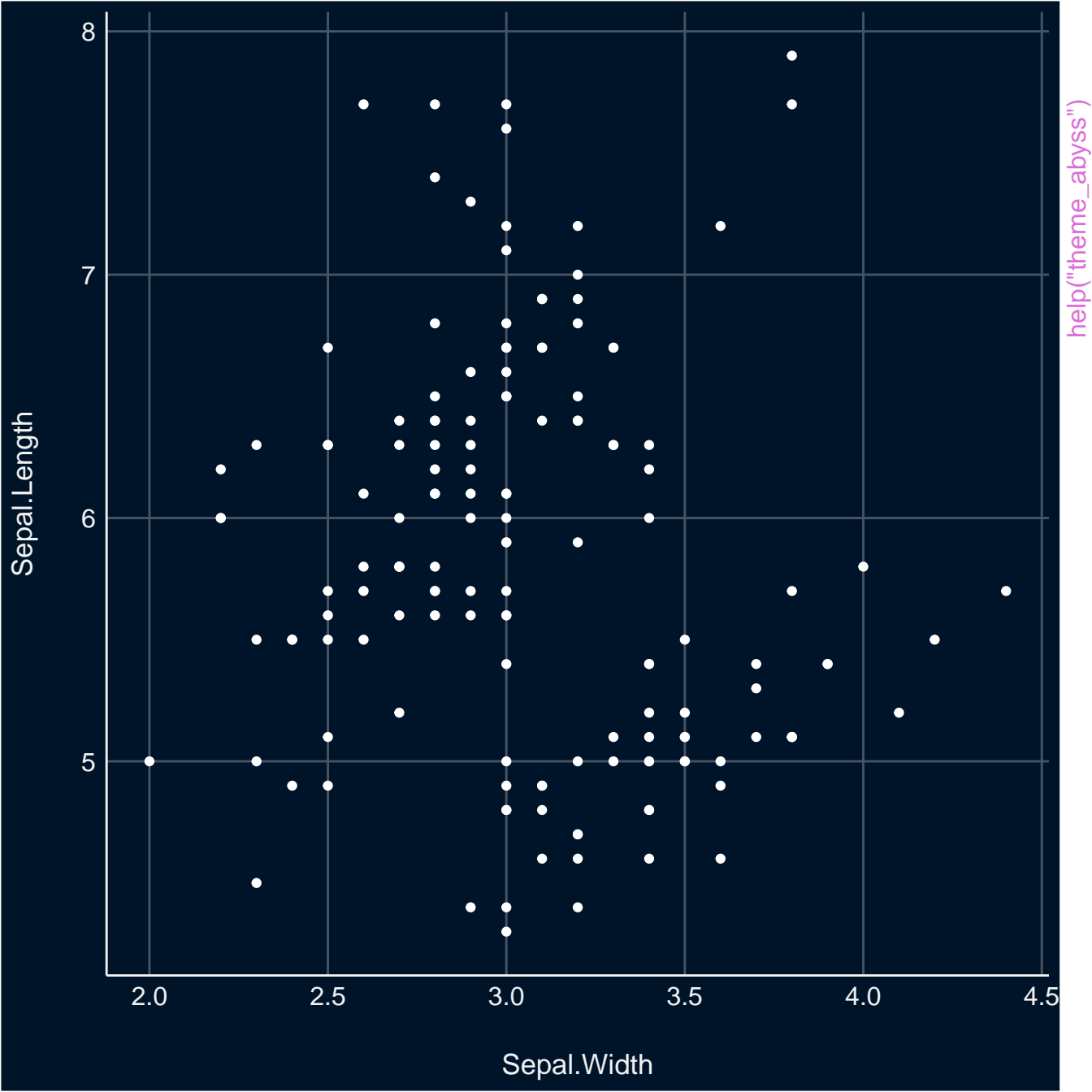
Petal.Length

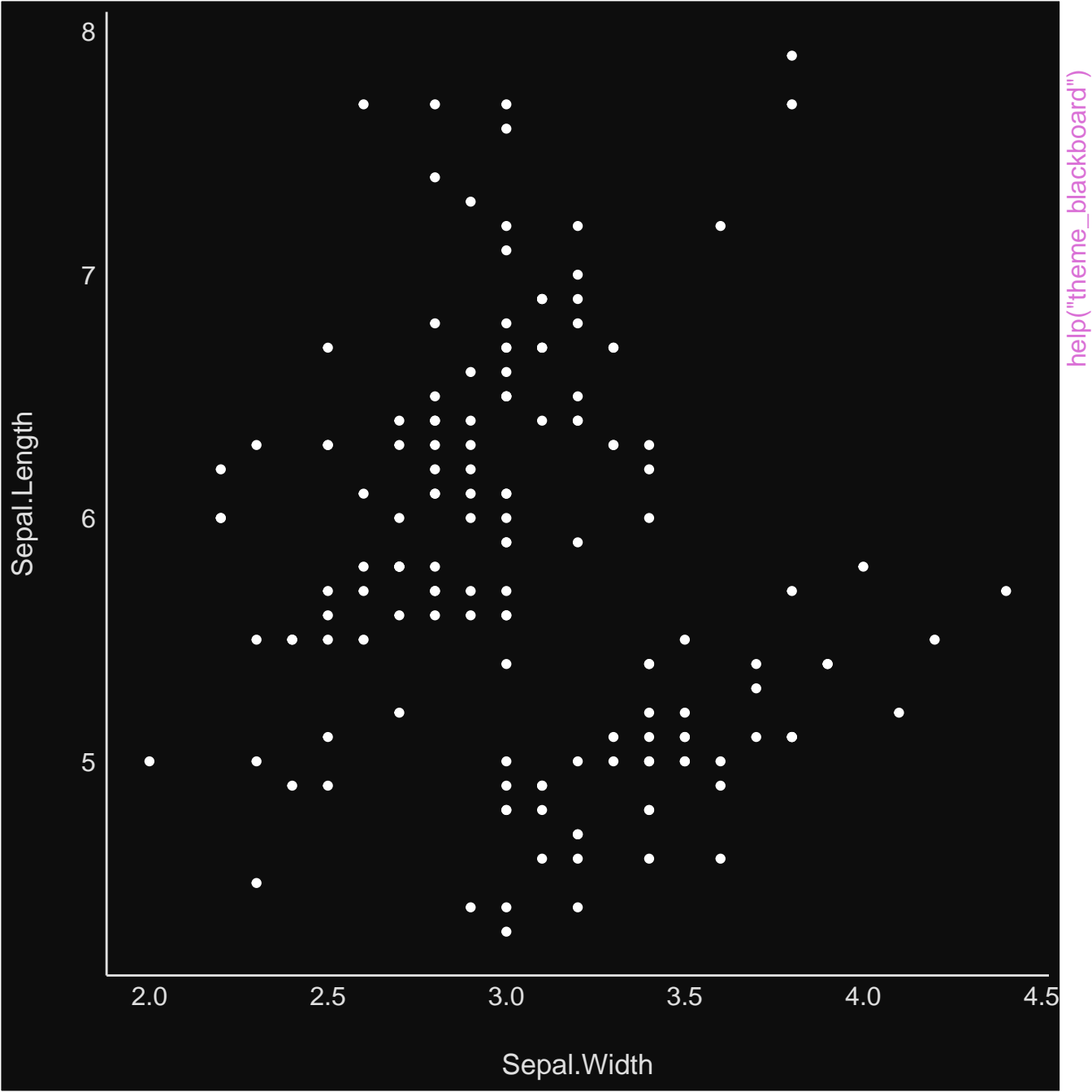
Sepal.Length

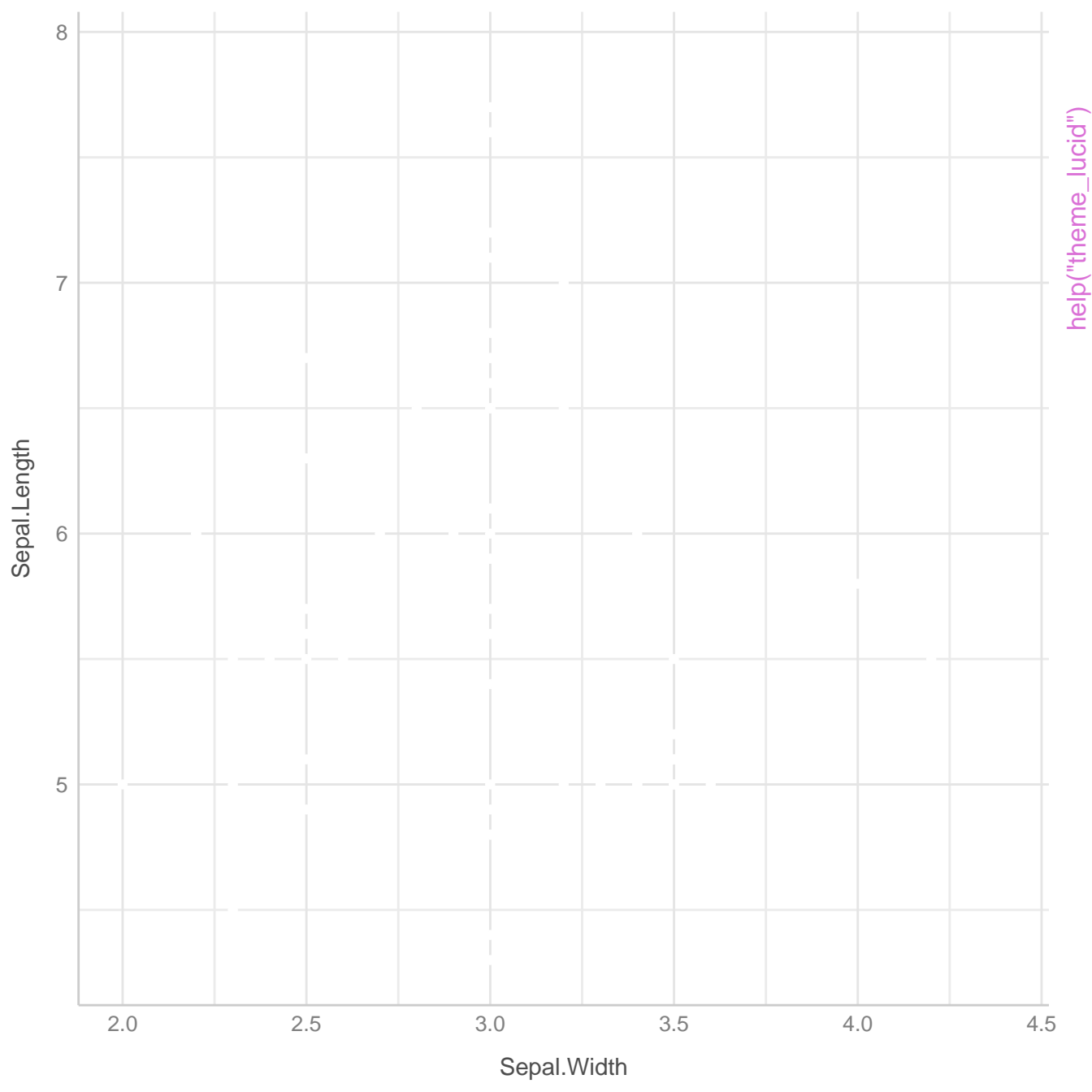
7  
6  
5

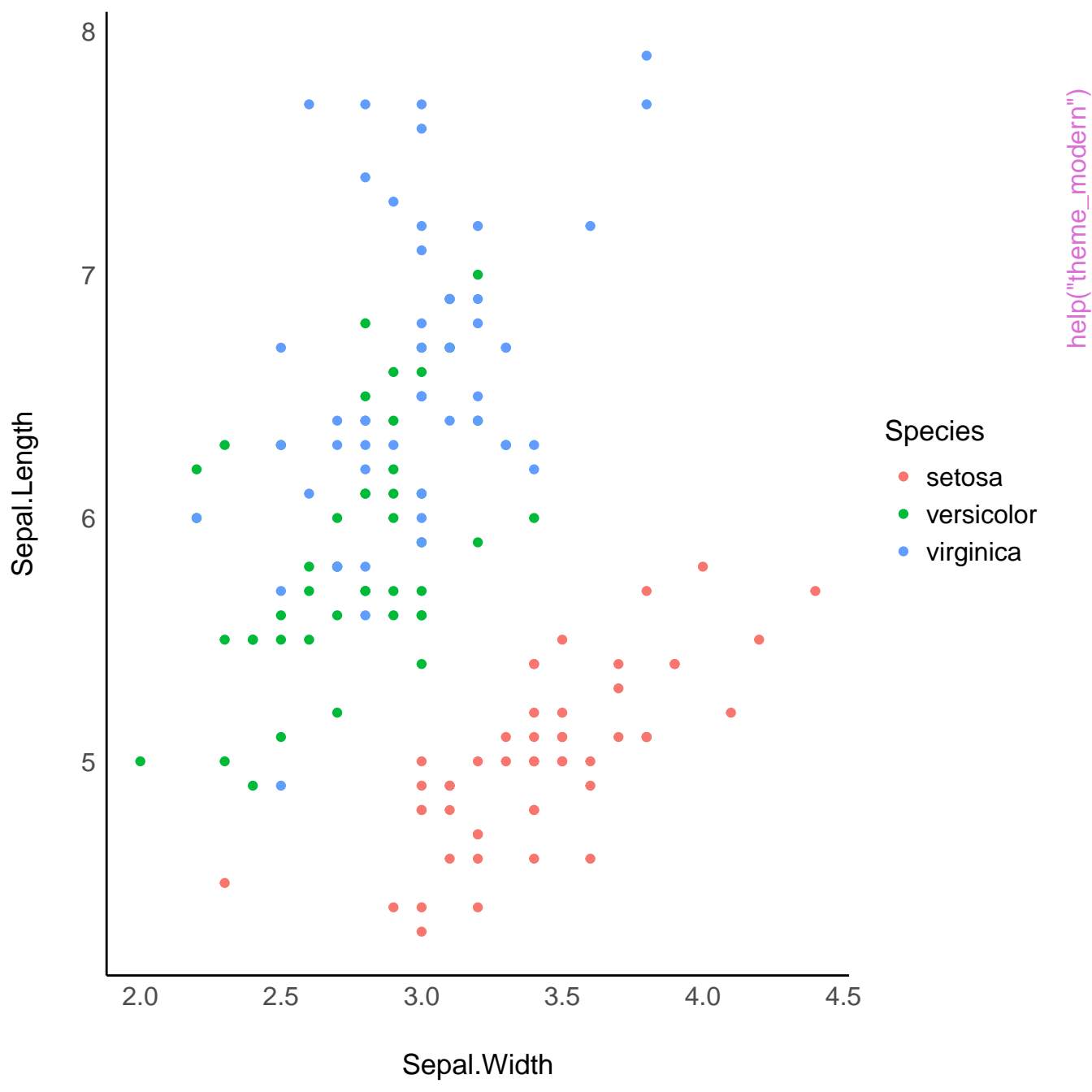
help("scale\_color\_social")











value

6

4

2

Sepal.Width

Petal.Length

Sepal.Length

Petal.Width

name

Species



setosa



versicolor



virginica

help("theme.radar")

