



Species

versicolor

setosa

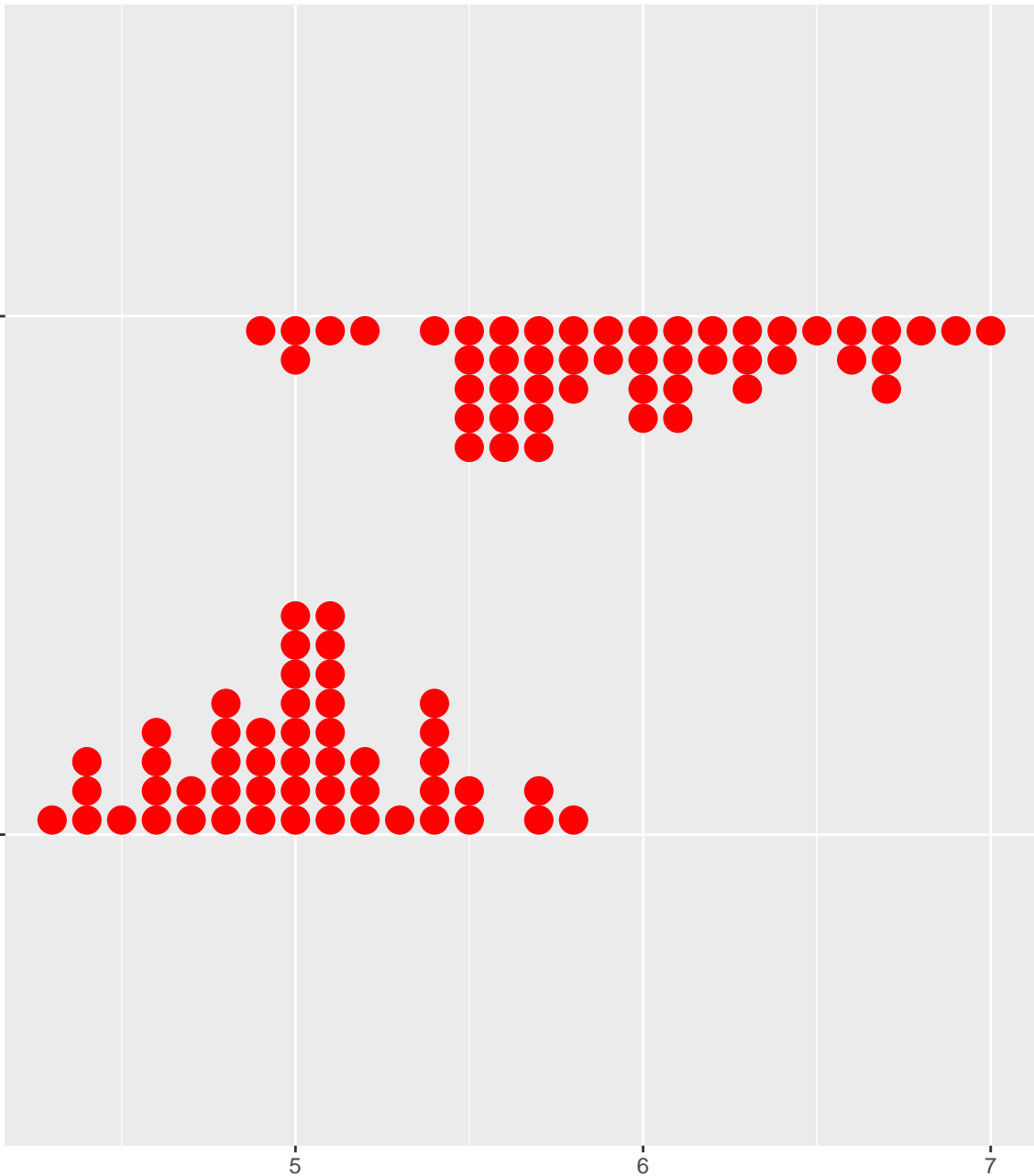
5

6

7

Sepal.Length

help("geom_binomdensity")



Species

versicolor

setosa

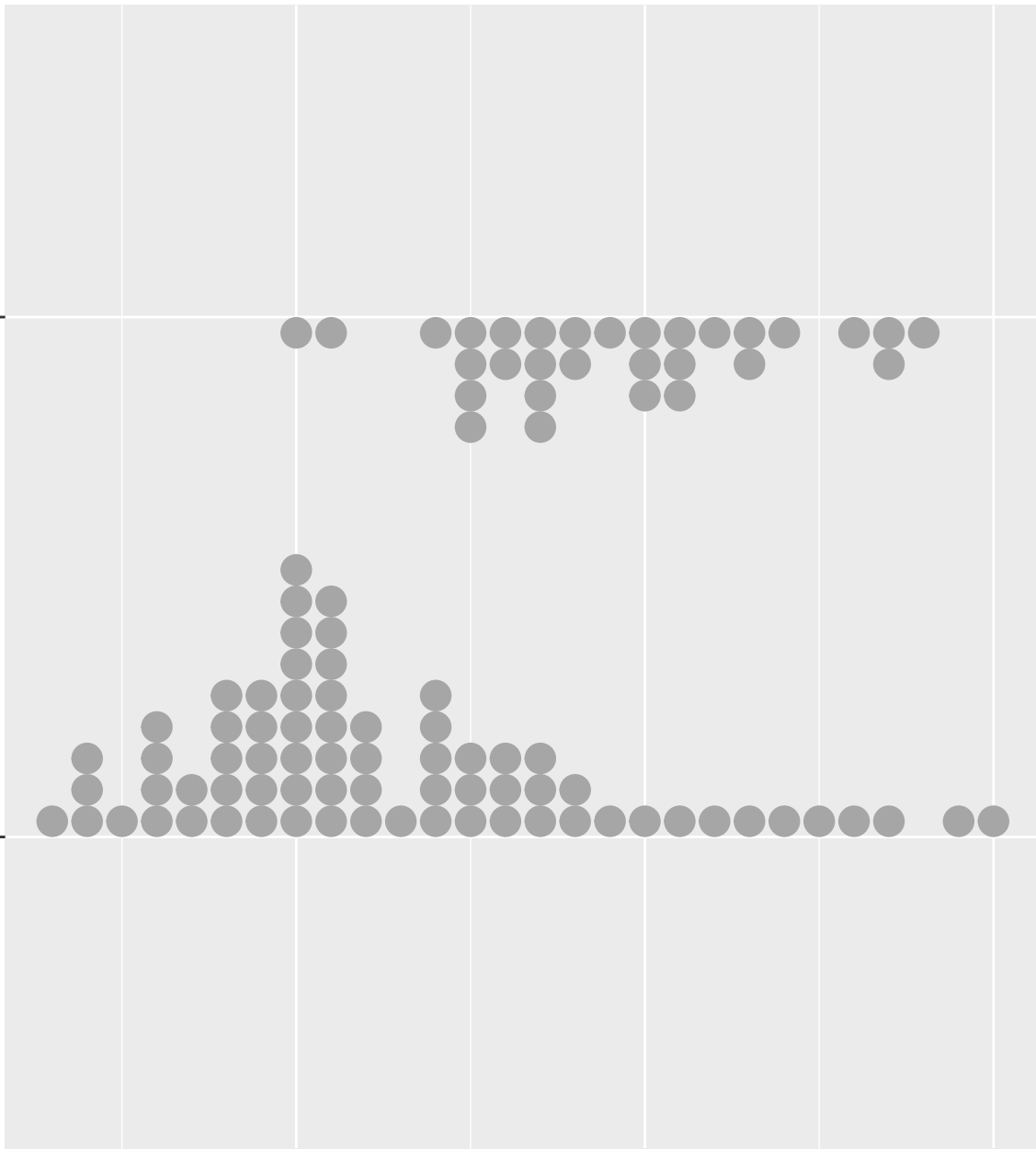
5

6

7

Sepal.Length

help("geom_binomdensity")



Species

versicolor

setosa

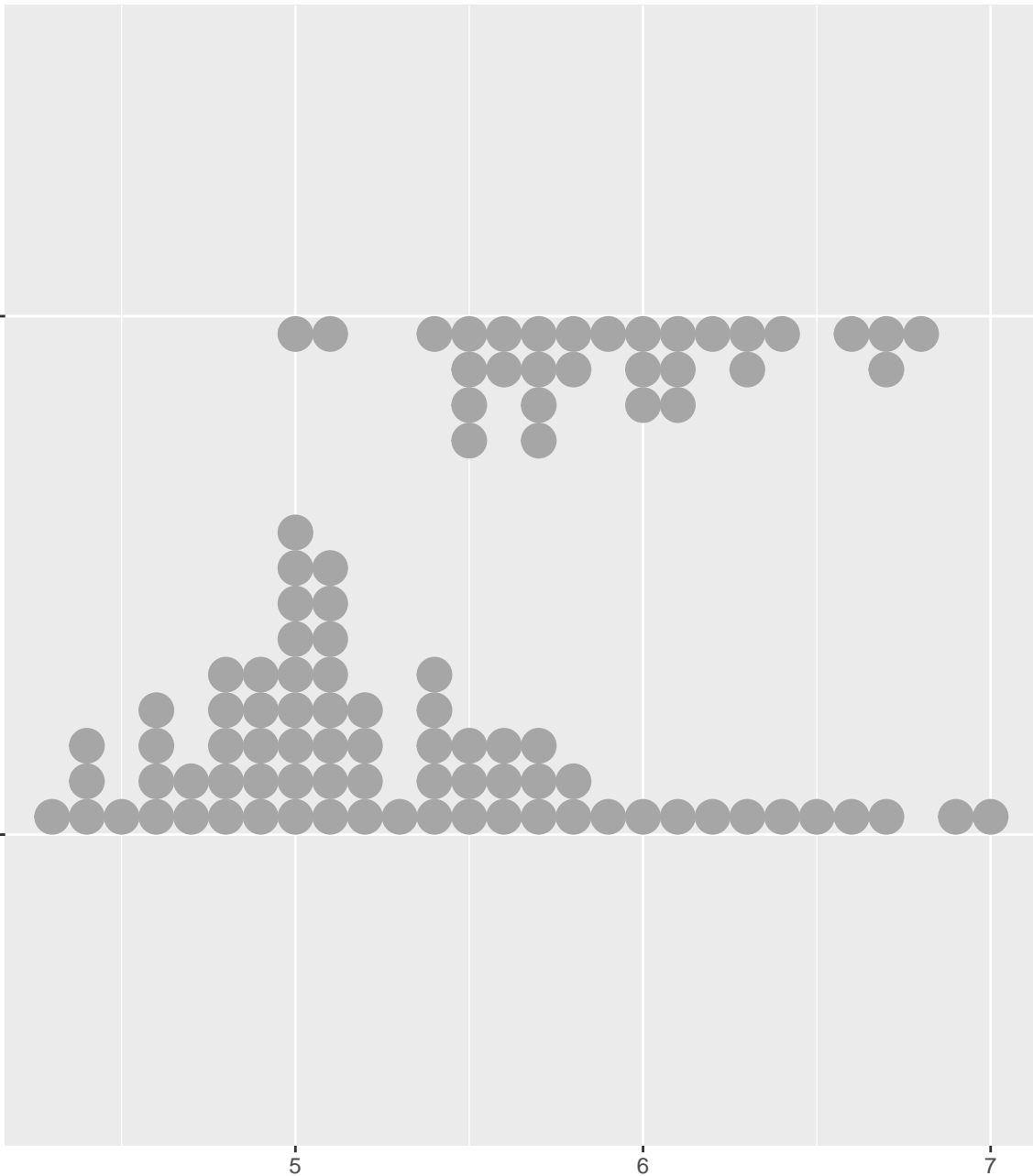
5

6

7

Sepal.Length

help("geom_binomdensity")



Species

versicolor

setosa

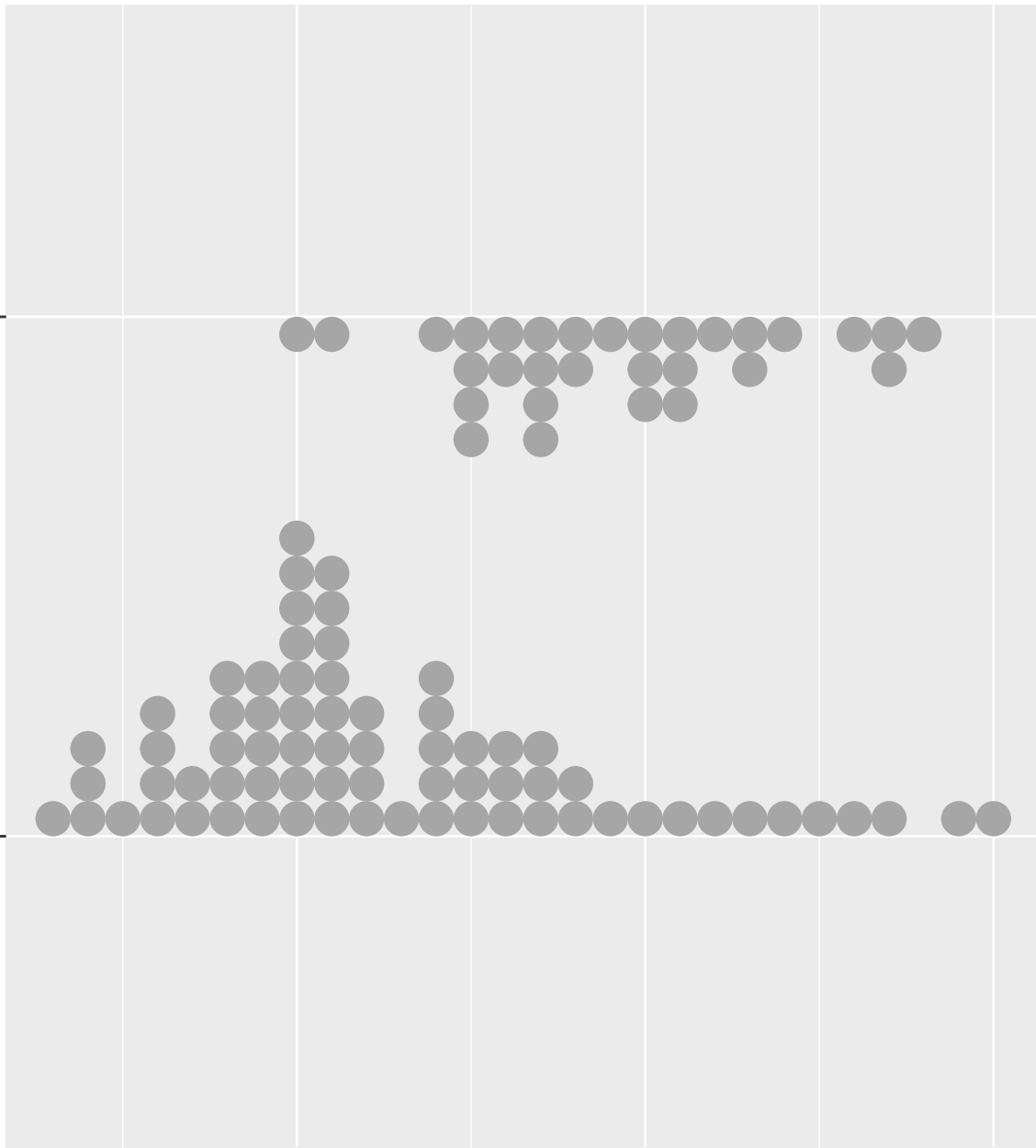
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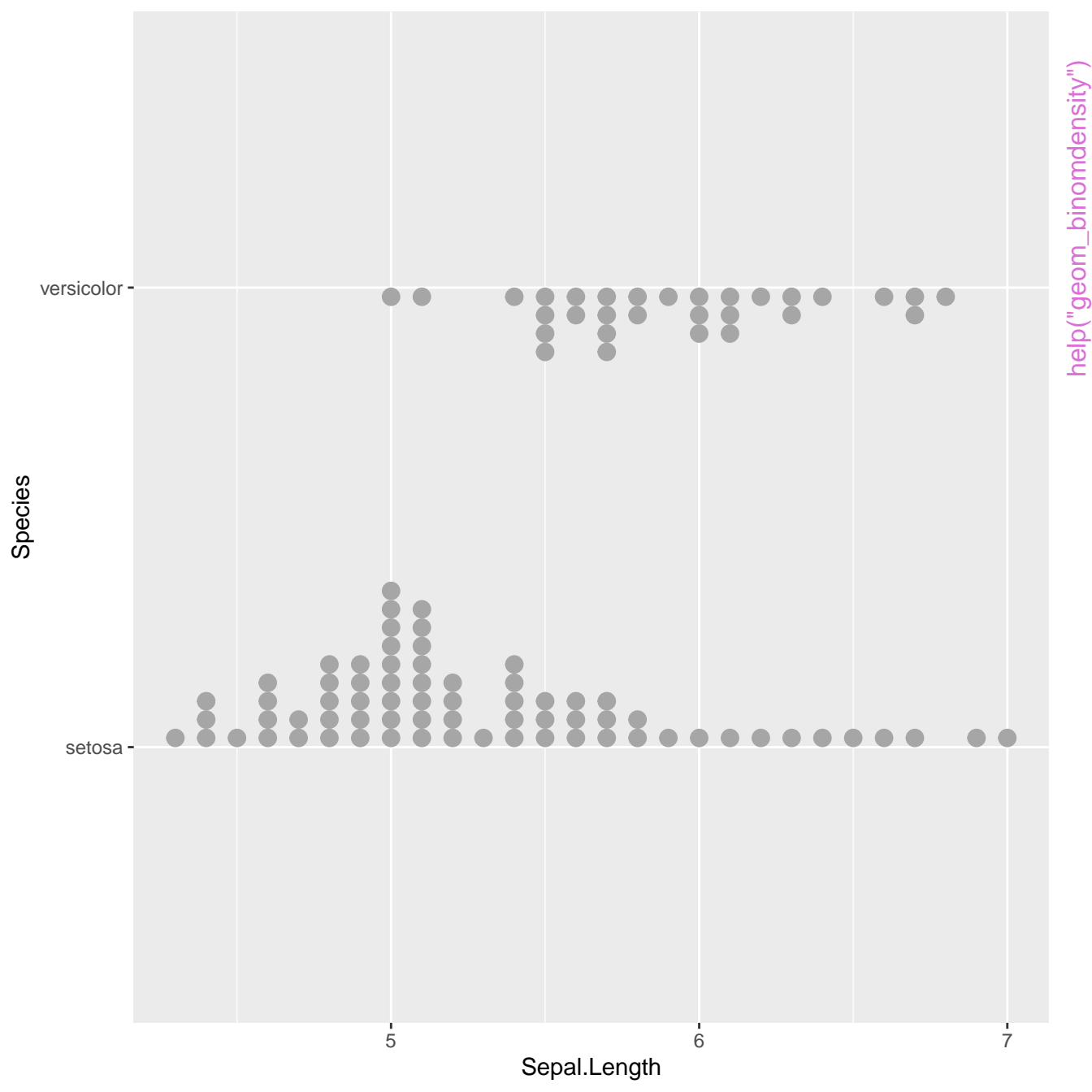
6

7

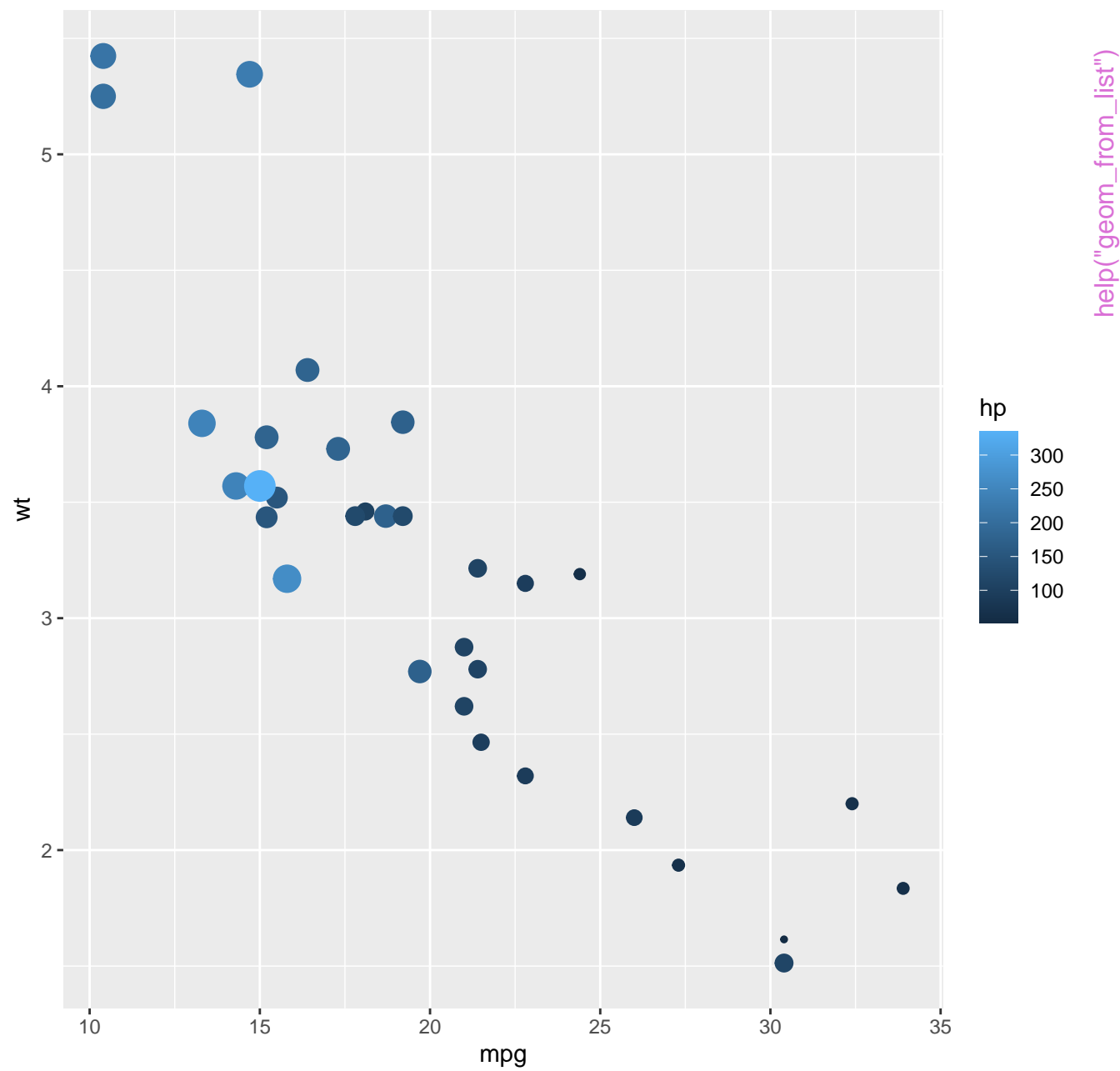
Sepal.Length

help("geom_binomdensity")

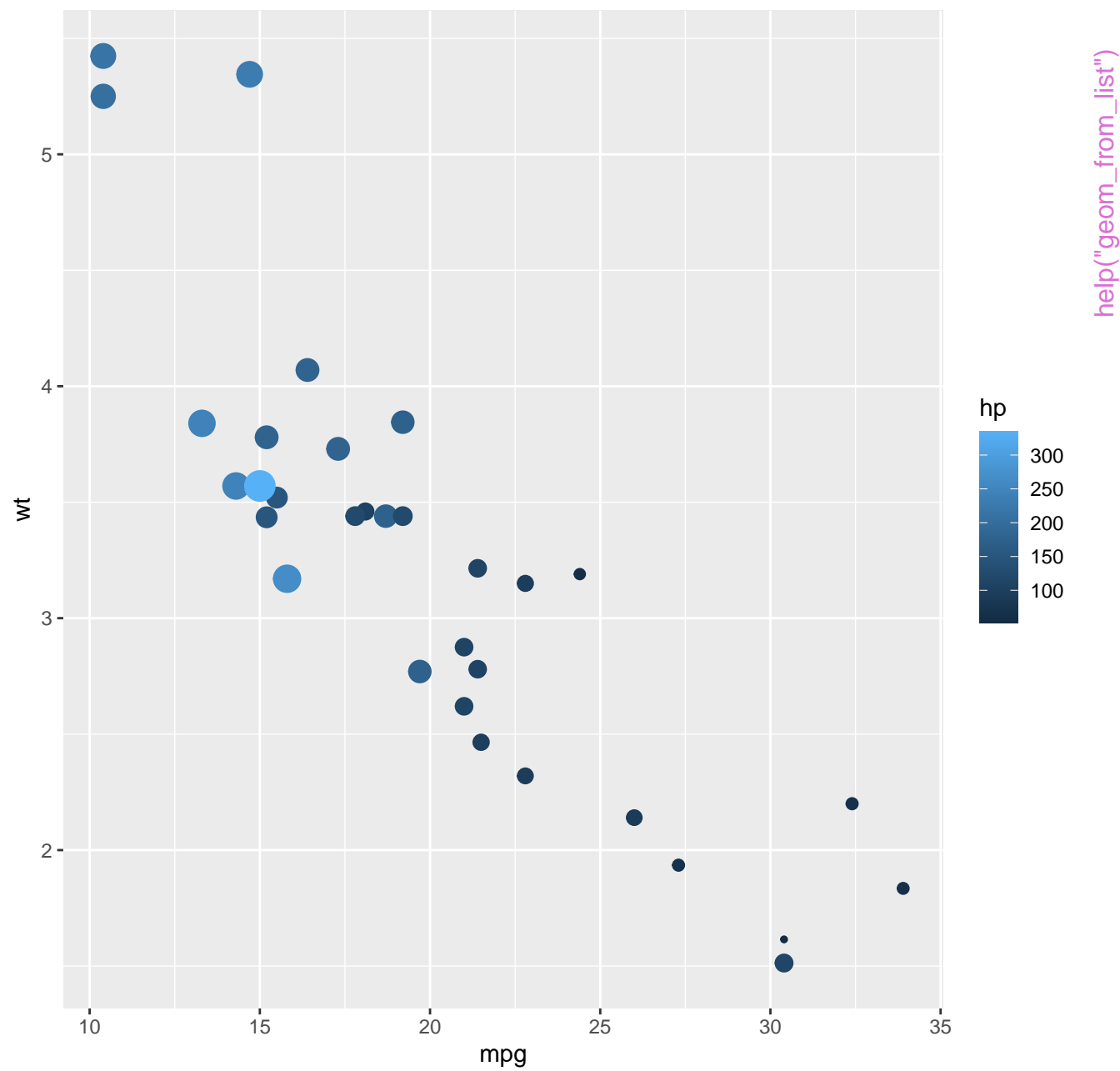


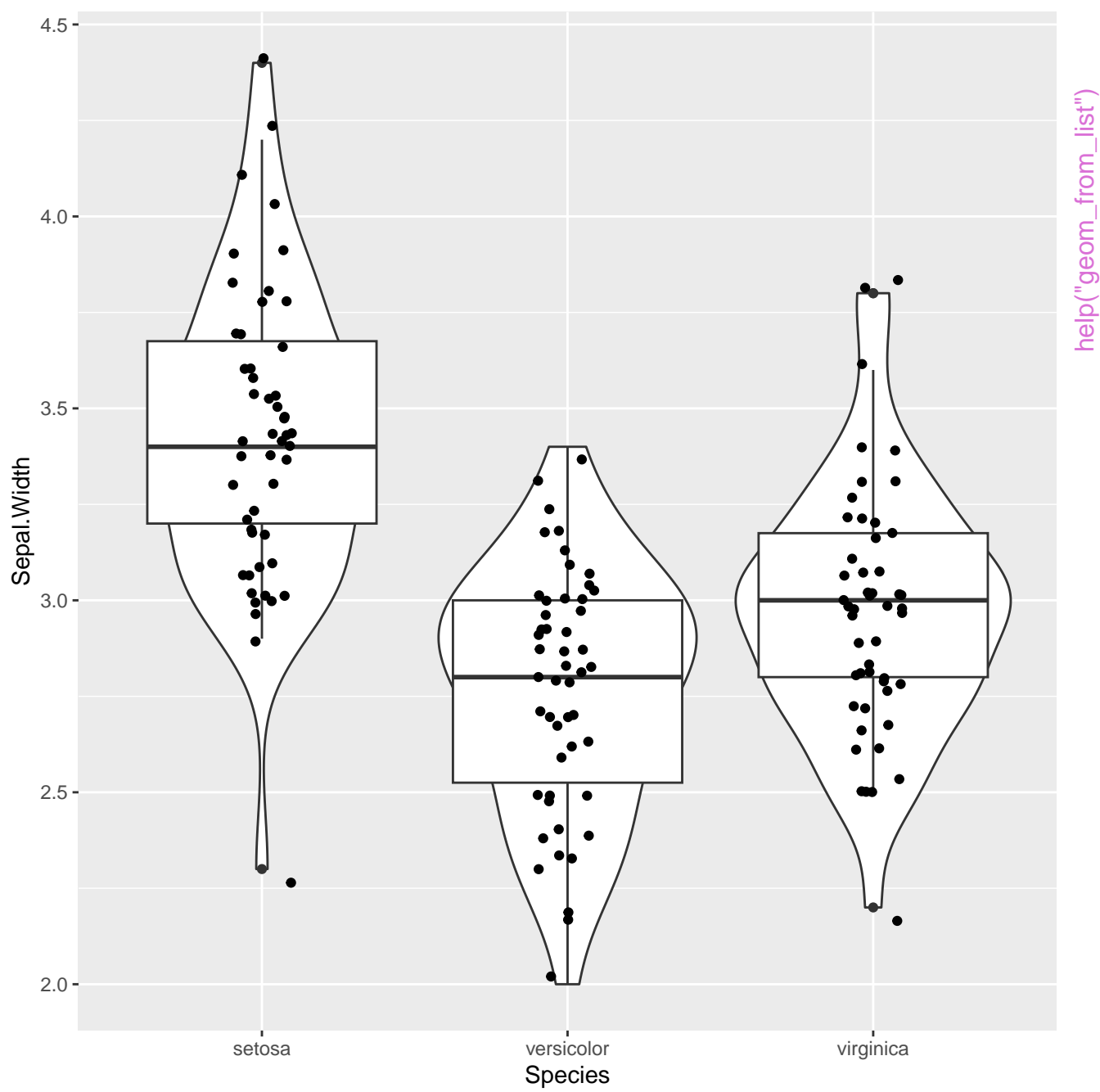


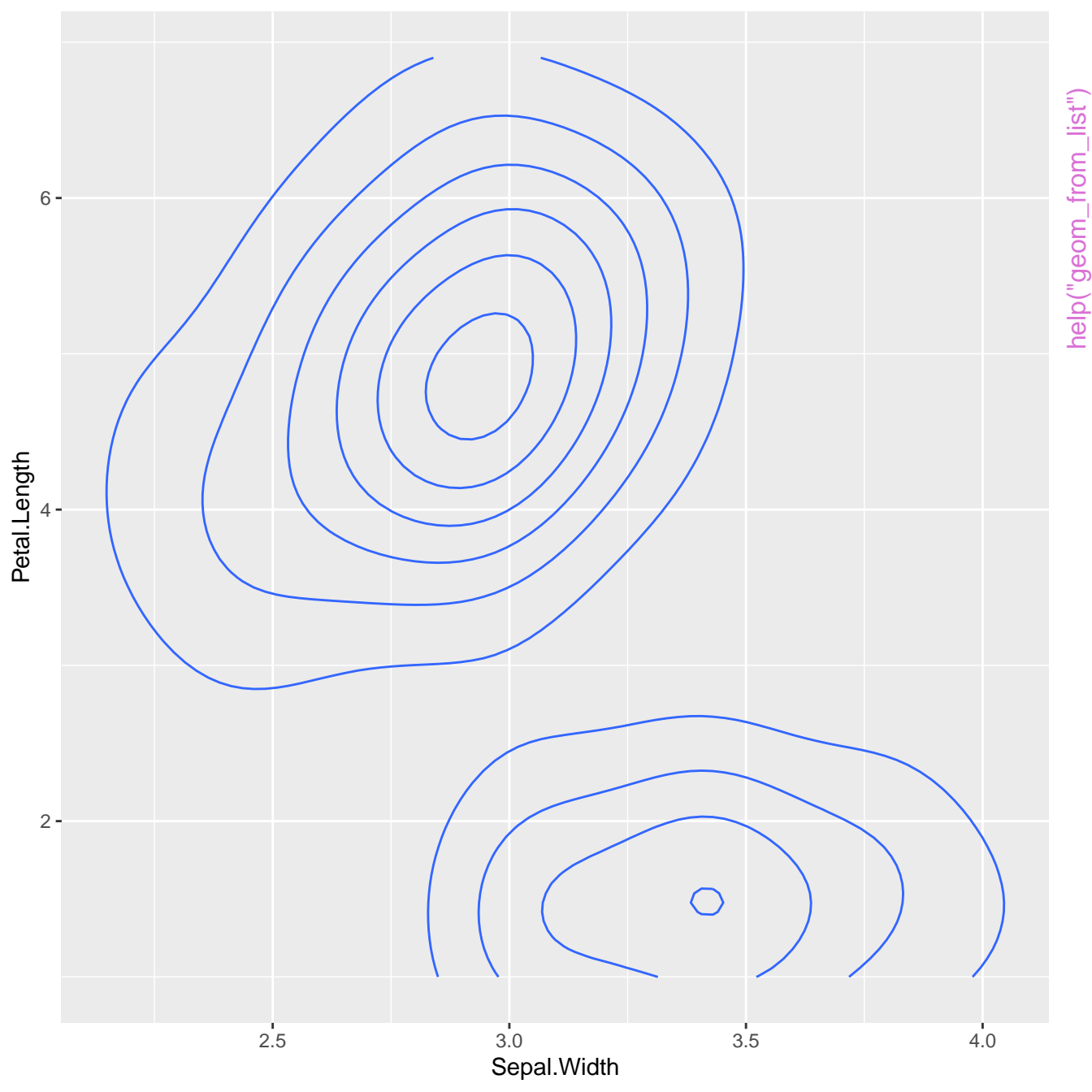
A Title

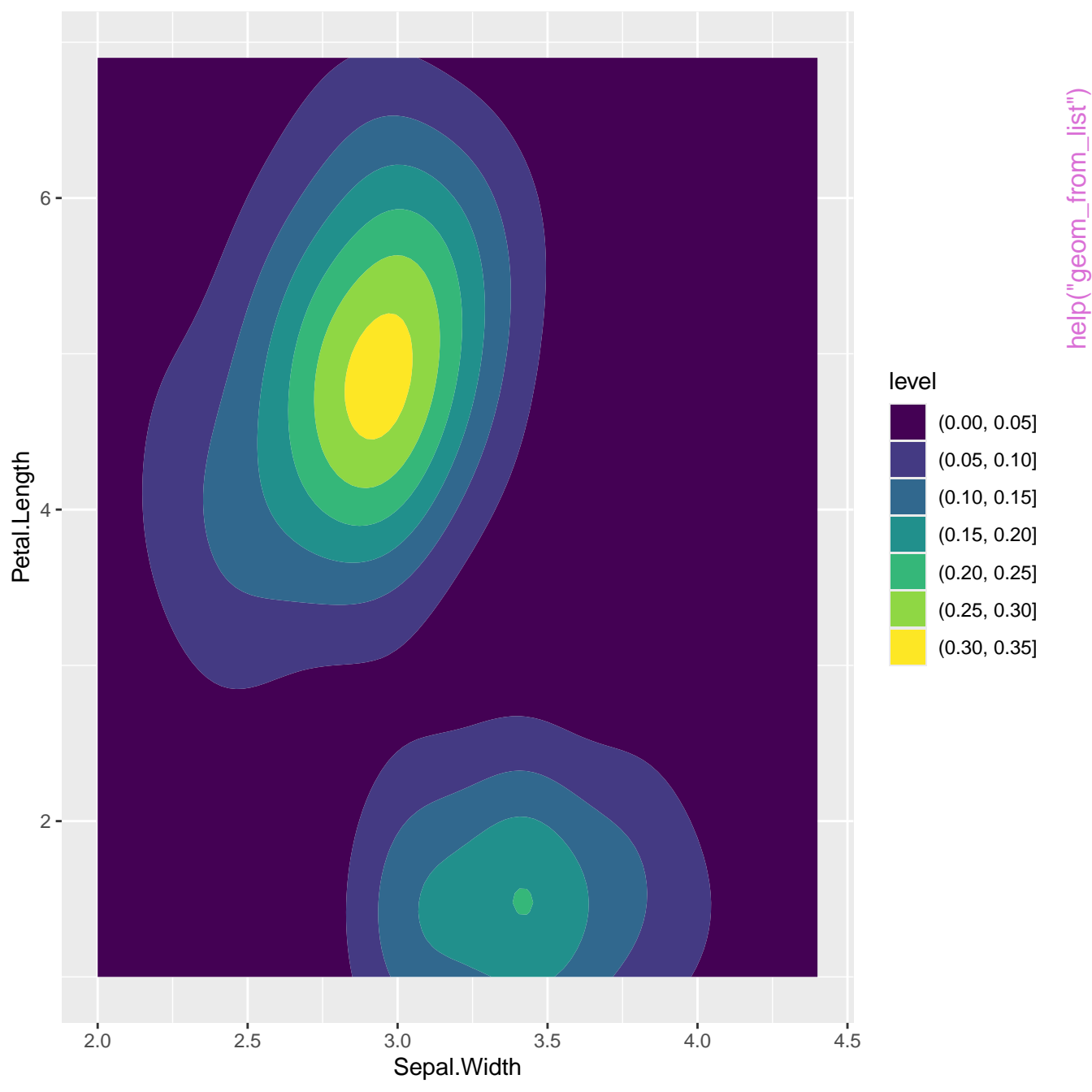


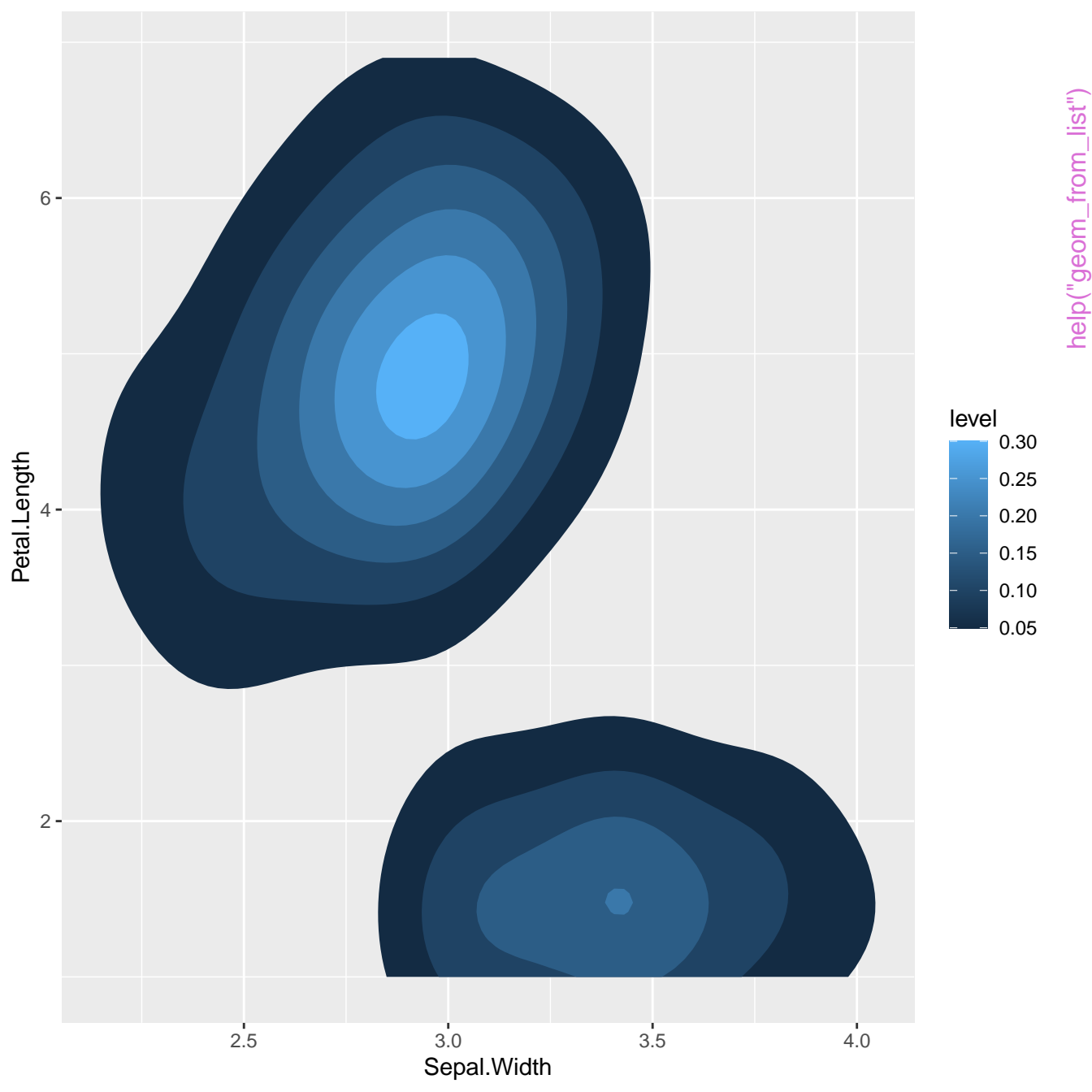
A Title

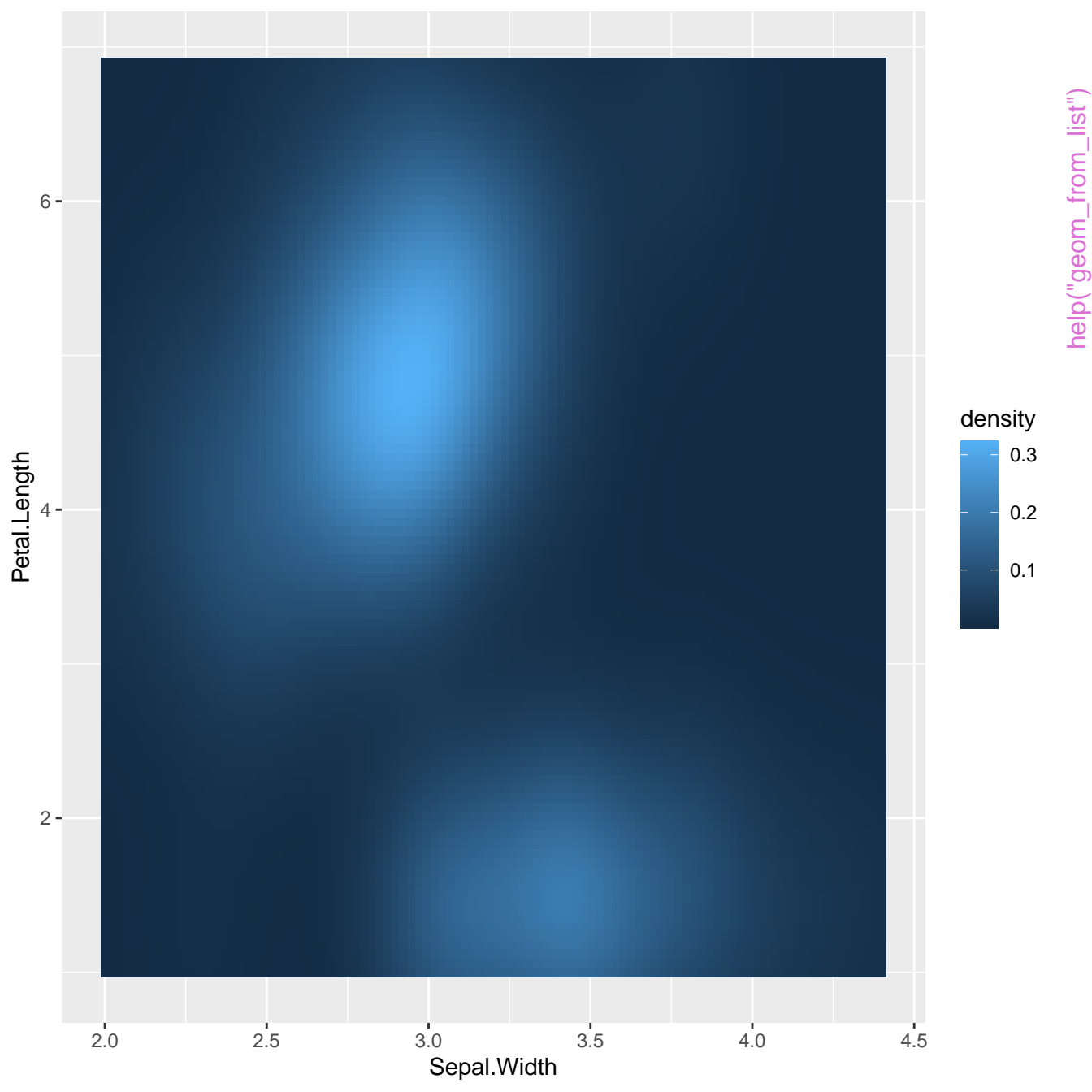


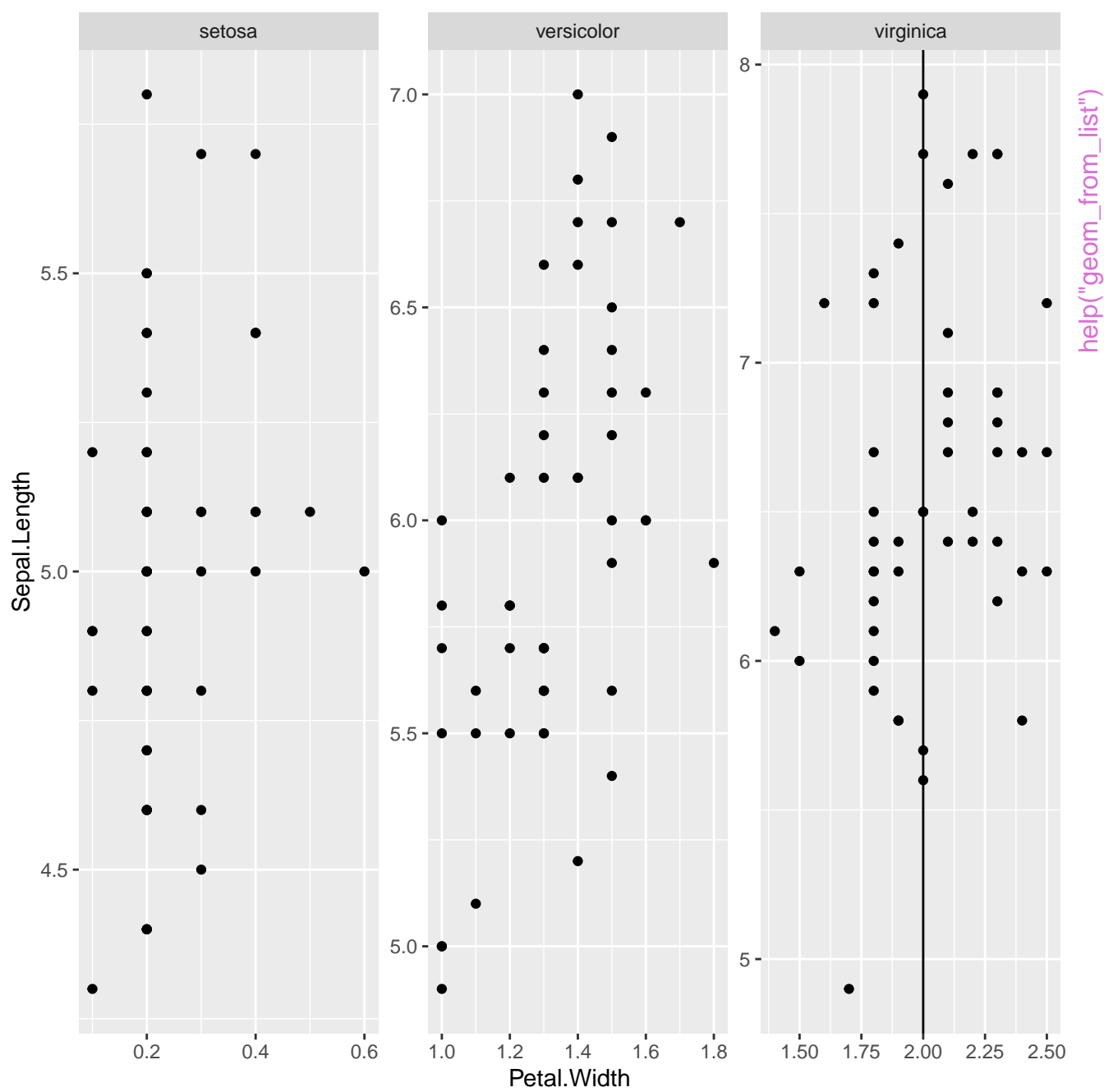




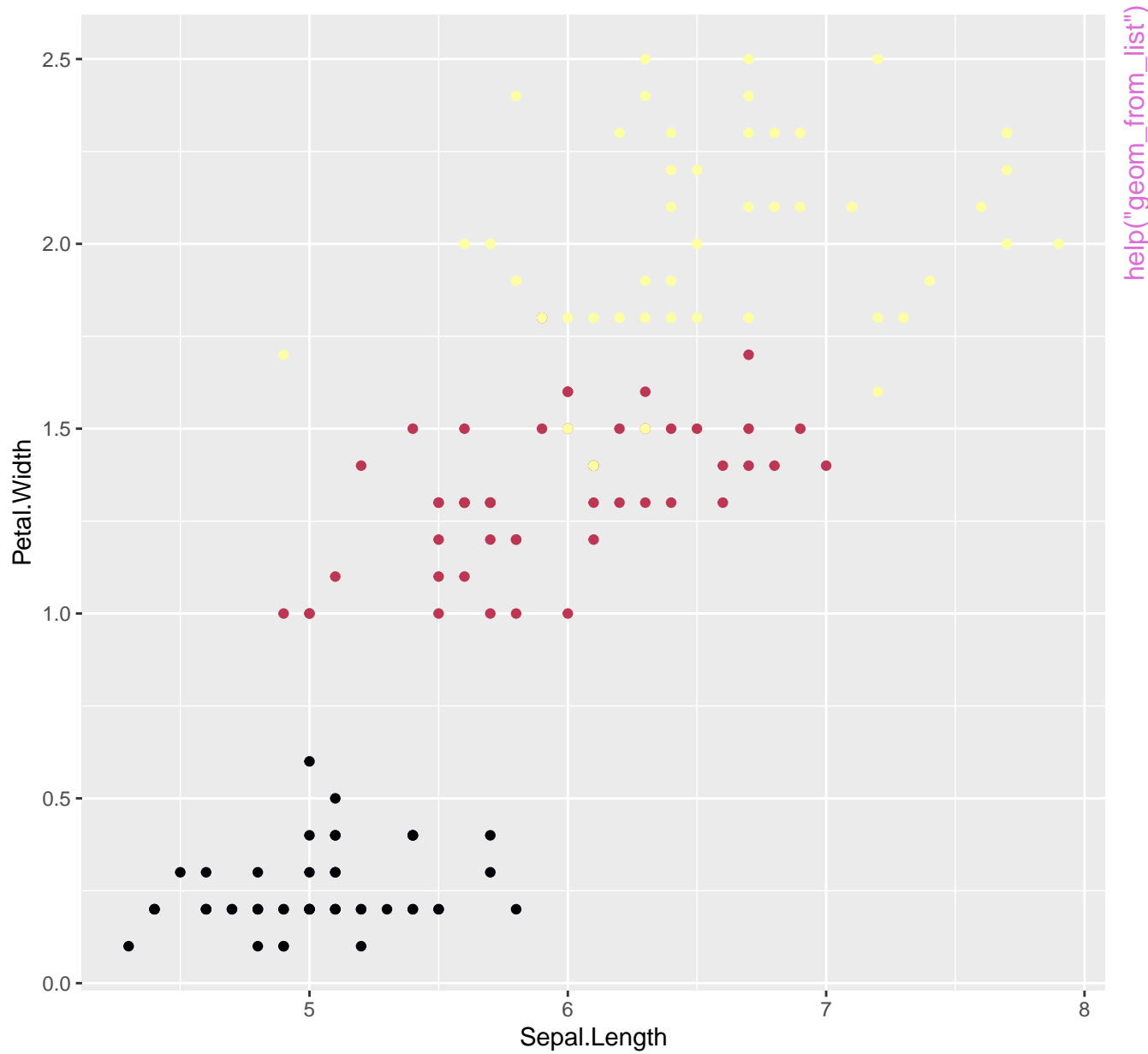


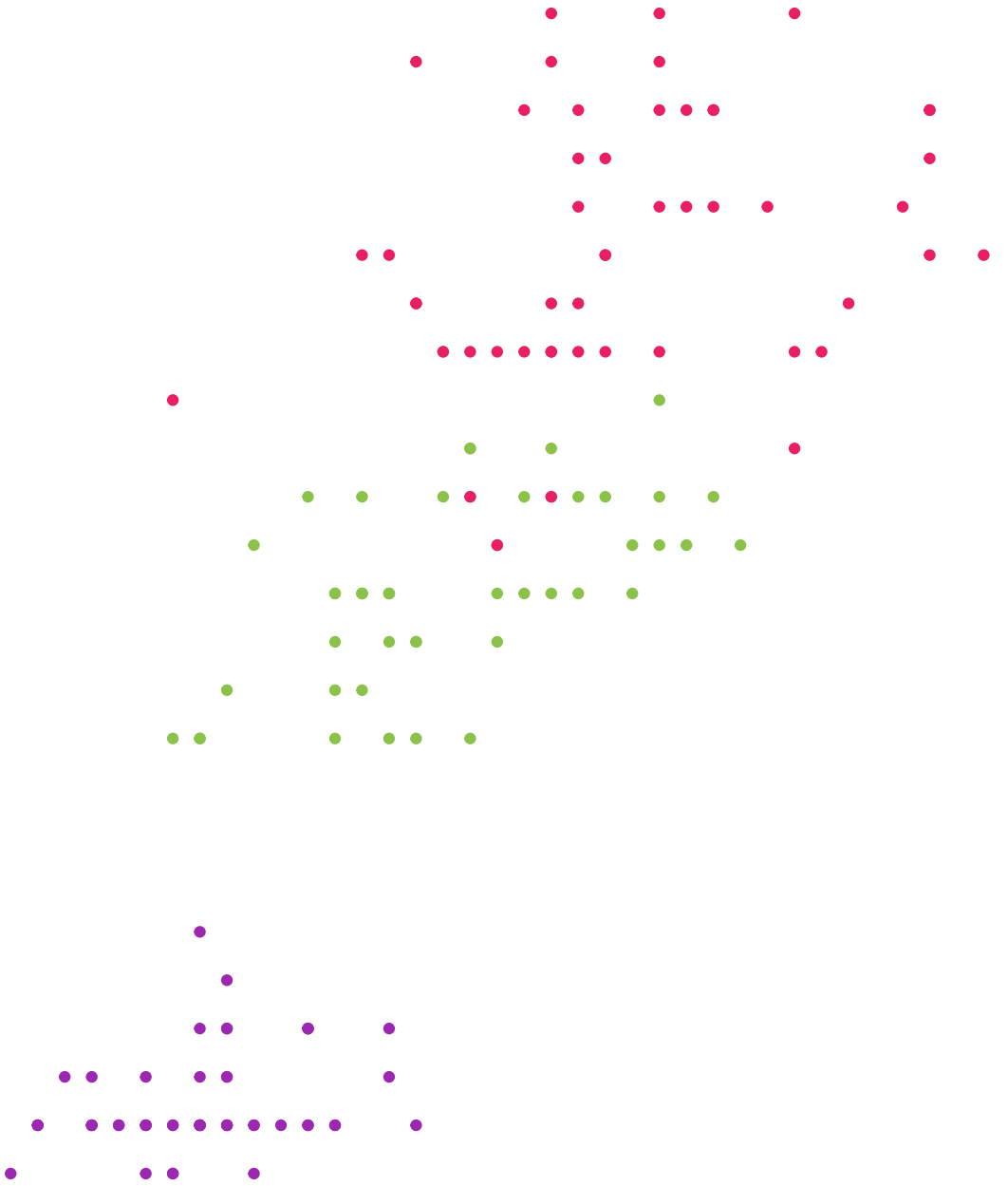






Species ● setosa ● versicolor ● virginica

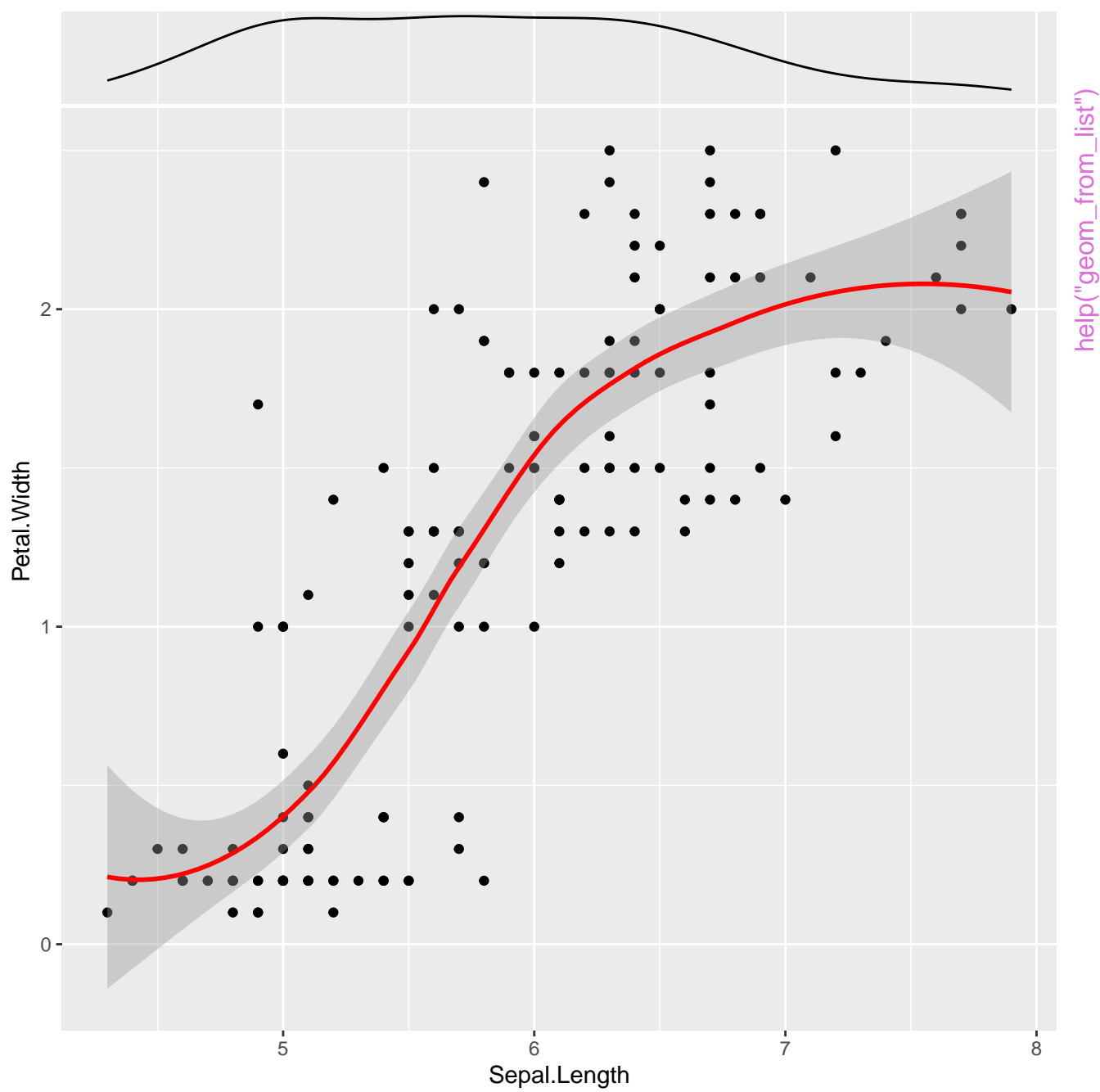


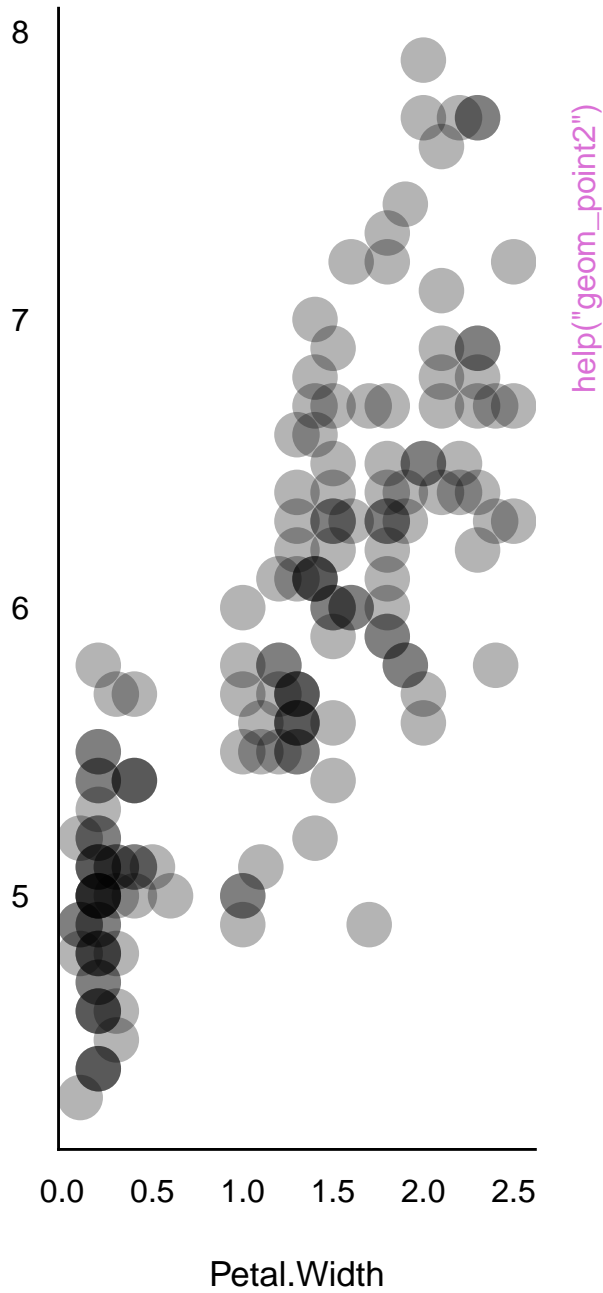
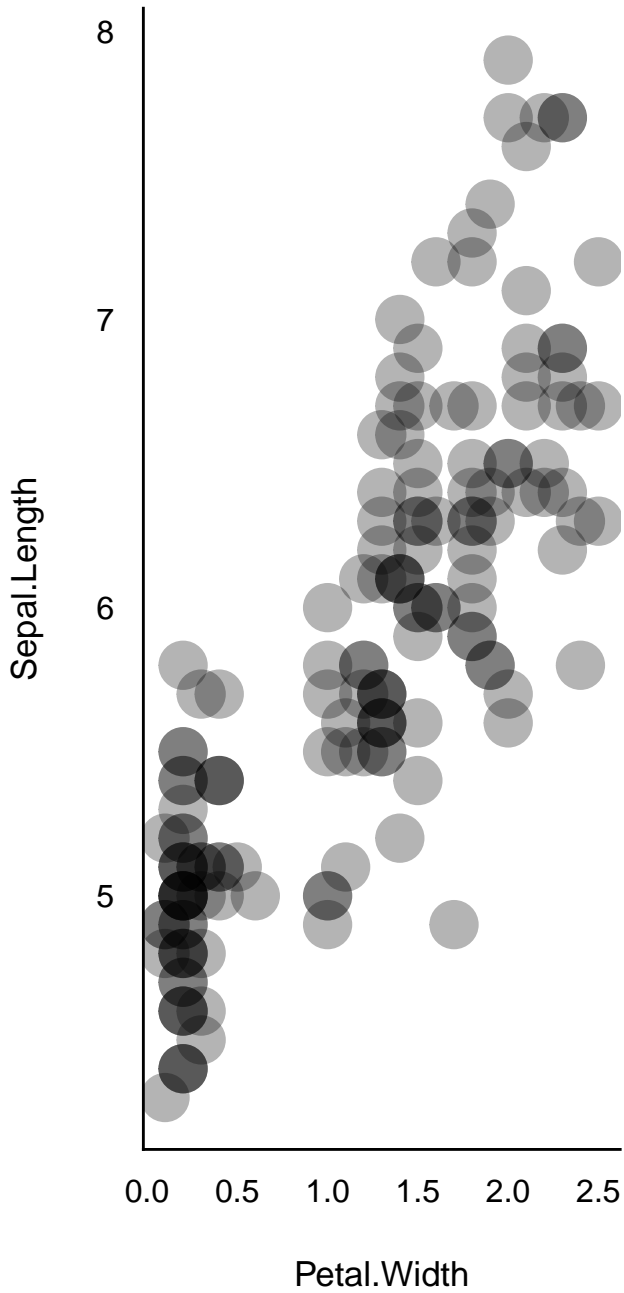


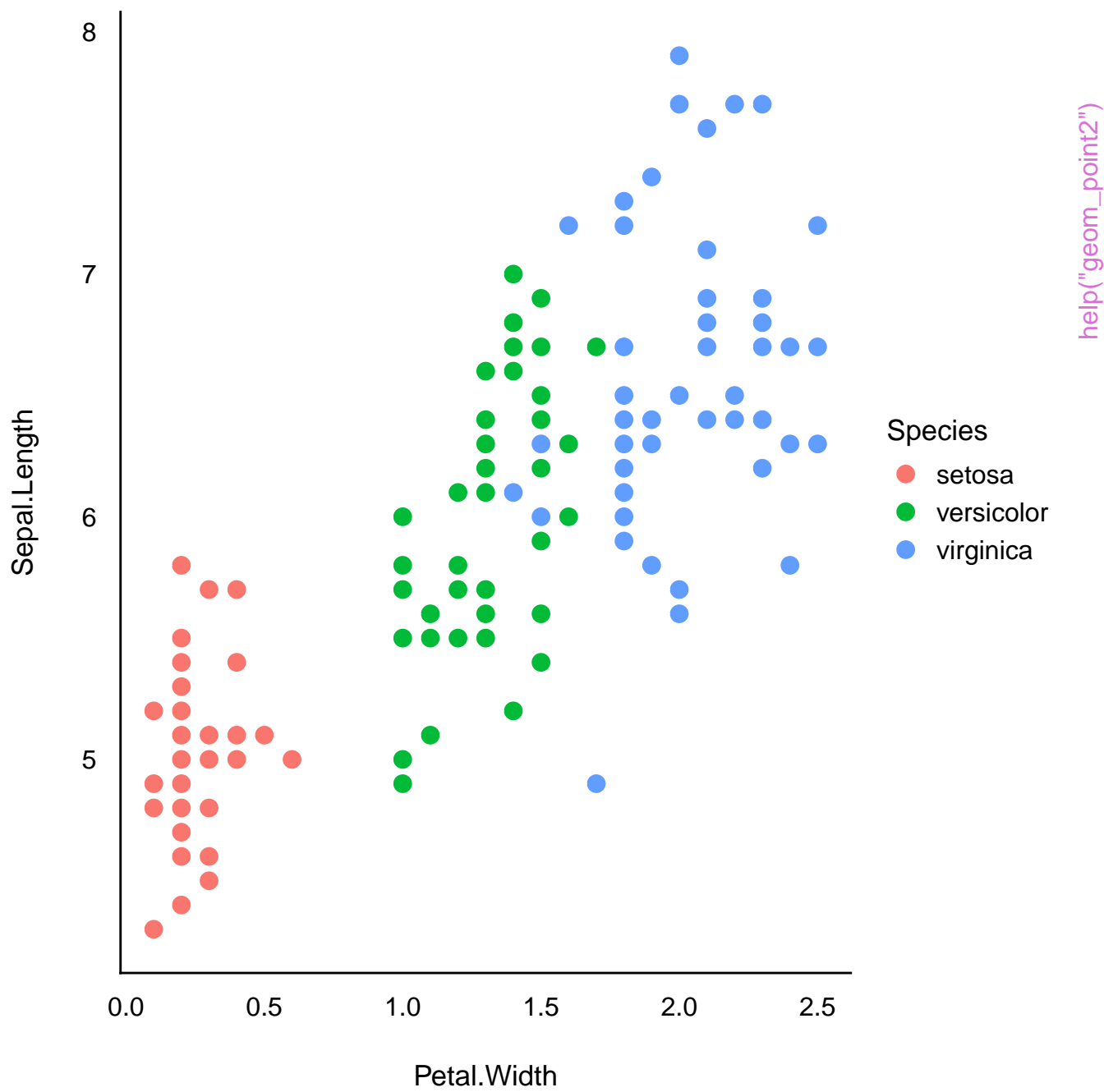
Species

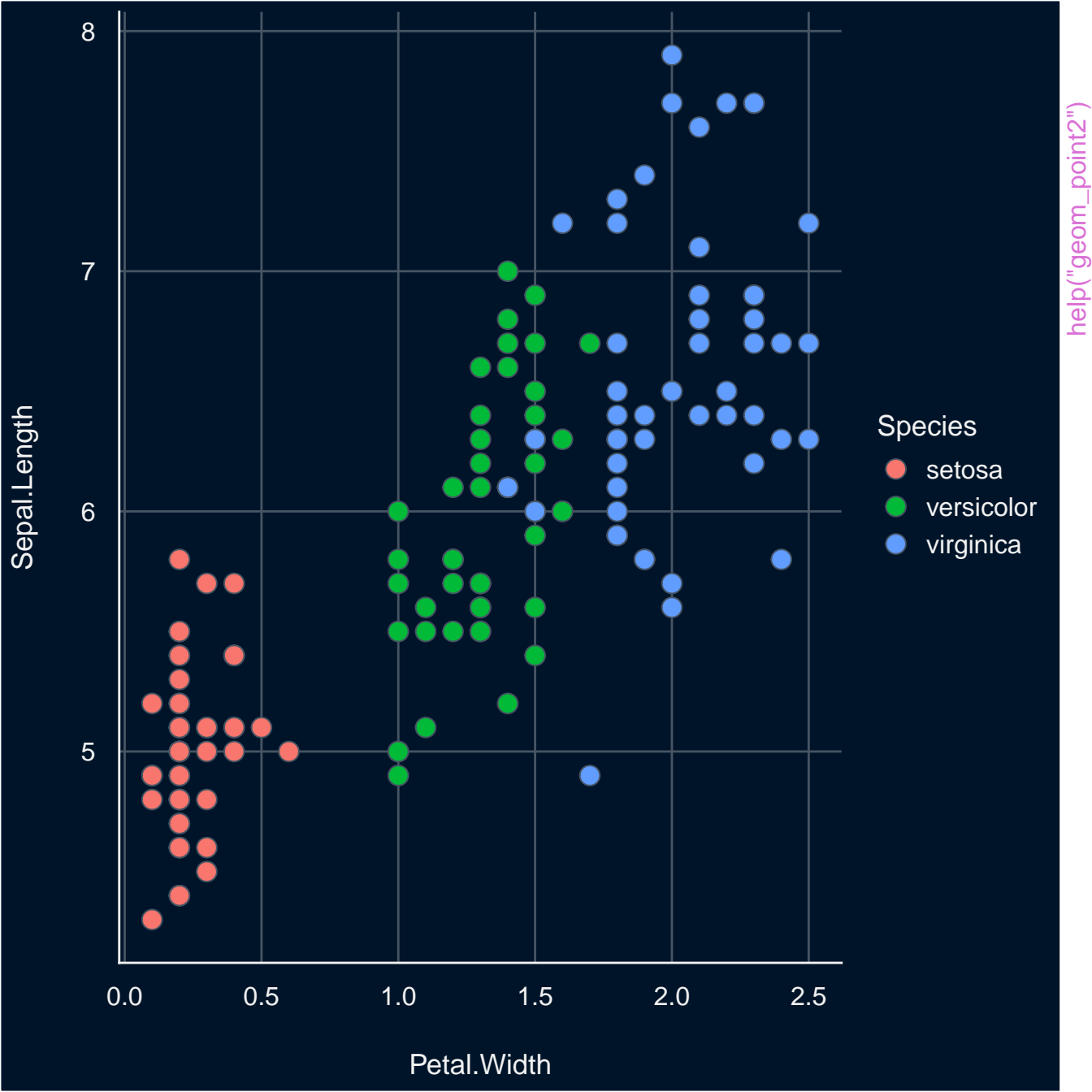
- setosa
- versicolor
- virginica

help("geom_from_list")









Sepal.Length

8

7

6

5

0.0

0.5

1.0

1.5

2.0

2.5

Petal.Width

Species



setosa

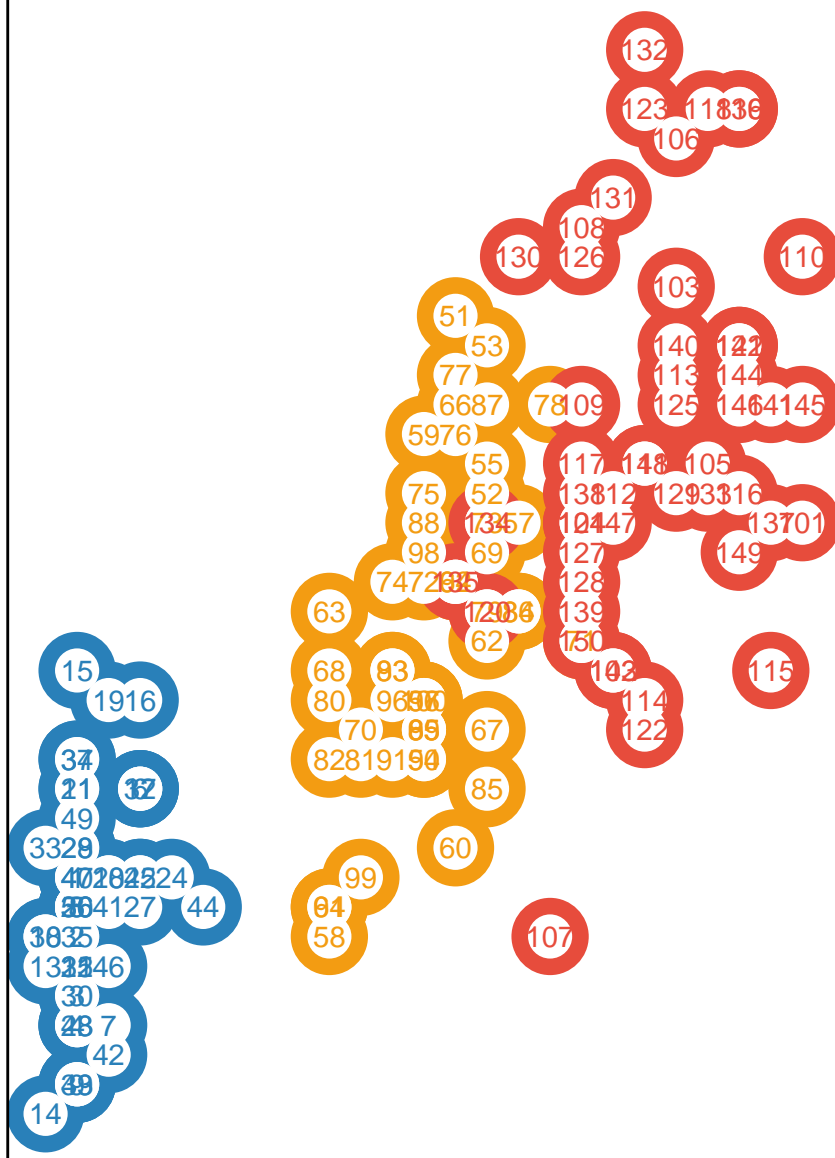


versicolor



virginica

help("geom_point")



Sepal.Length

8

7

6

5

0

1

2

Petal.Width

Species



setosa



versicolor



virginica

help("geom_point")

Sepal.Length

8

7

6

5

setosa

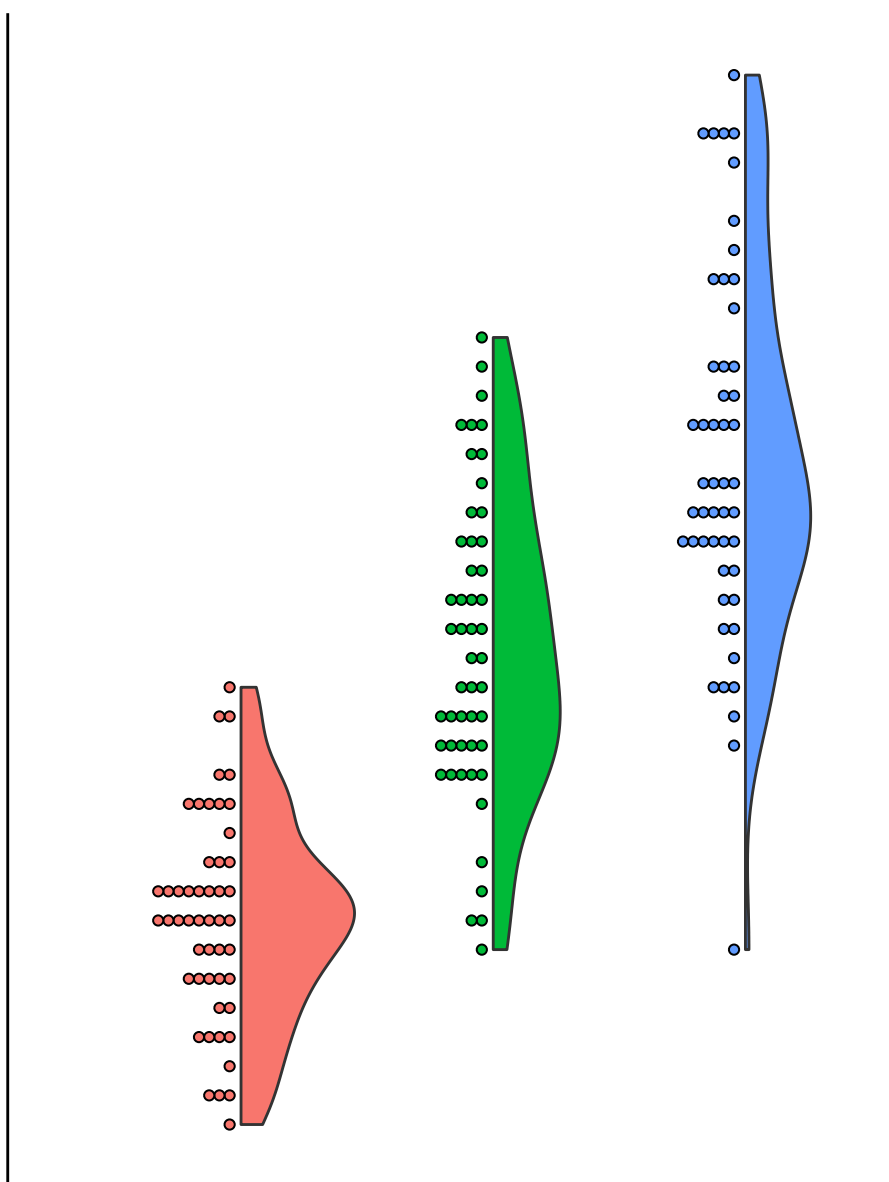
versicolor

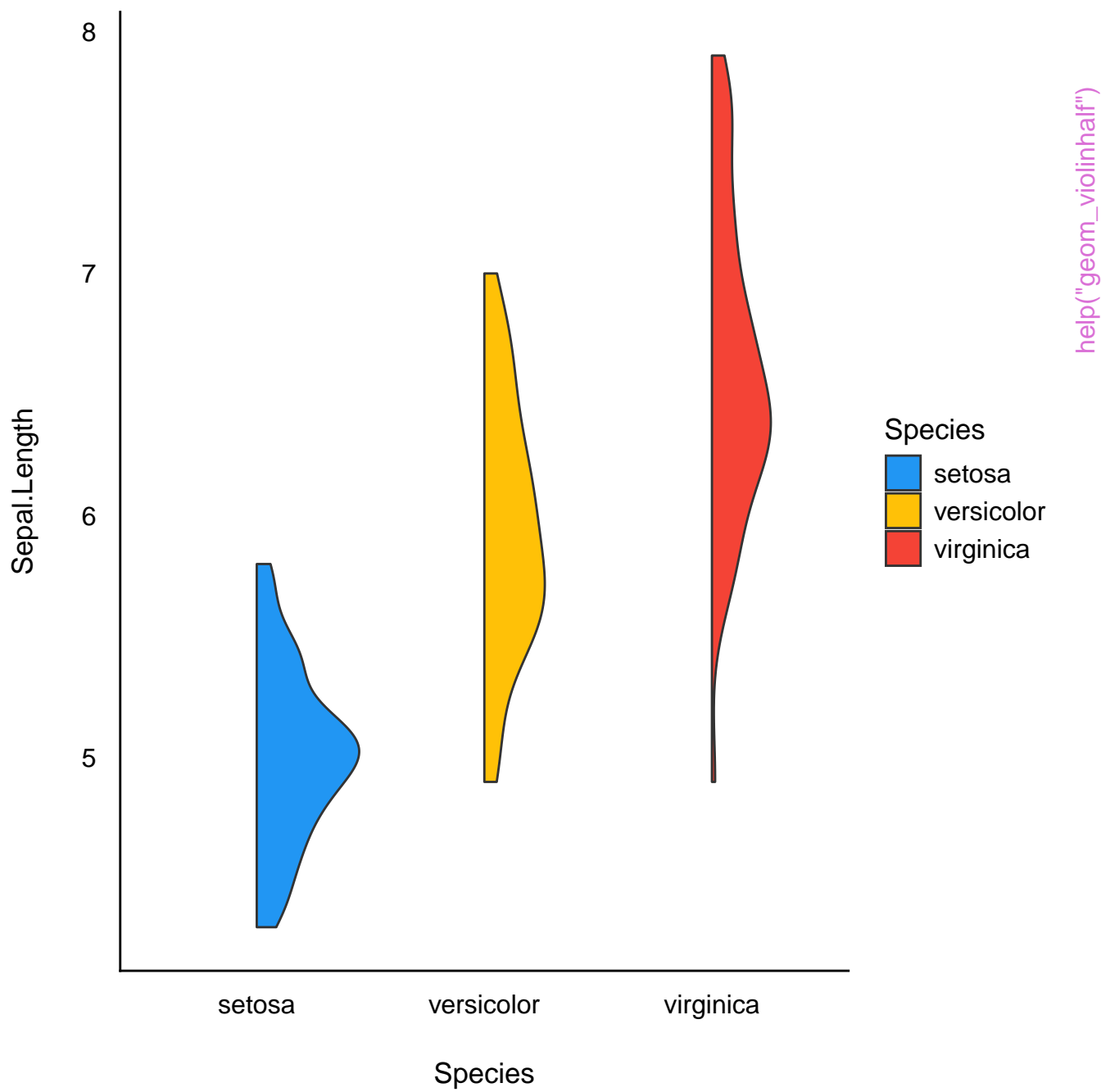
virginica

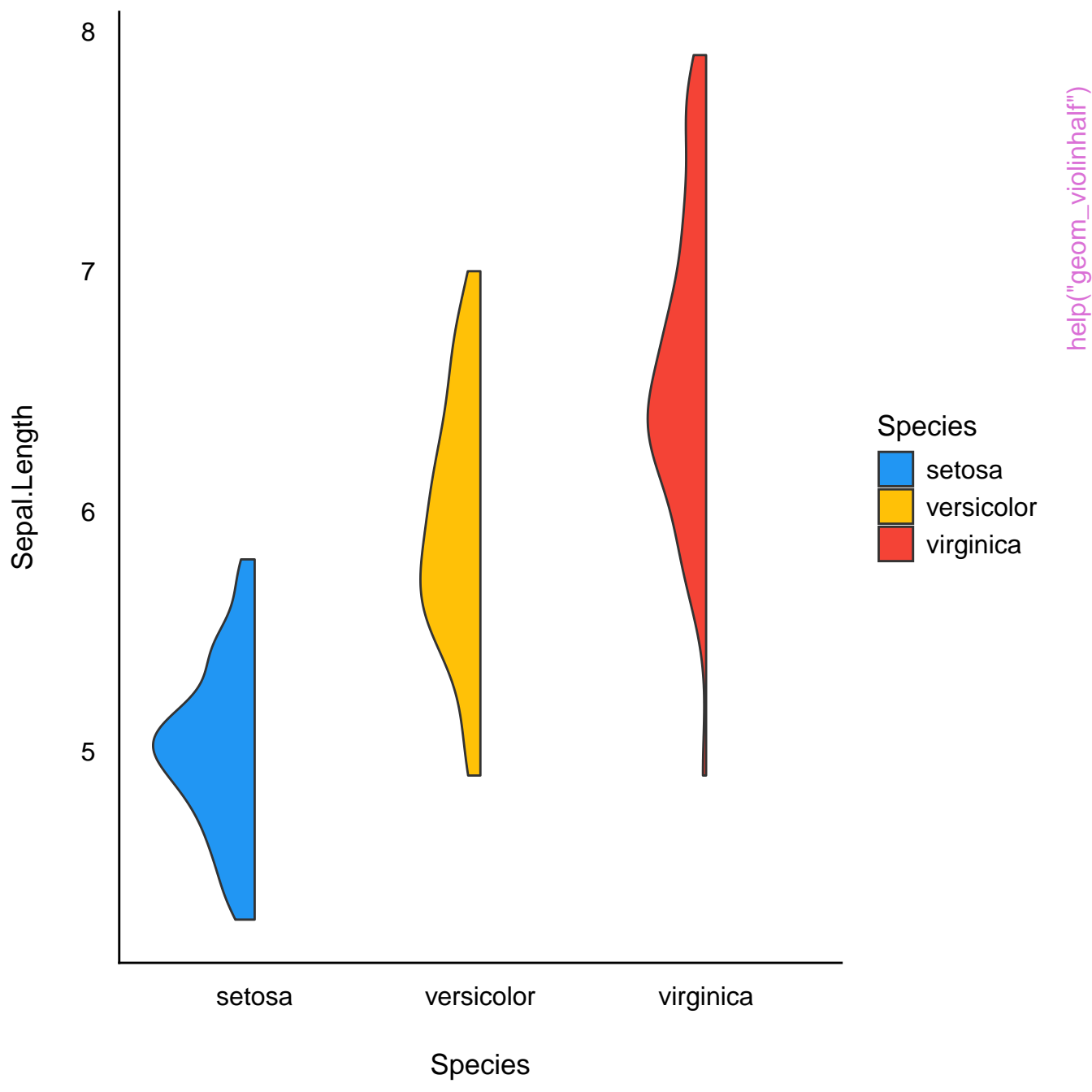
Species

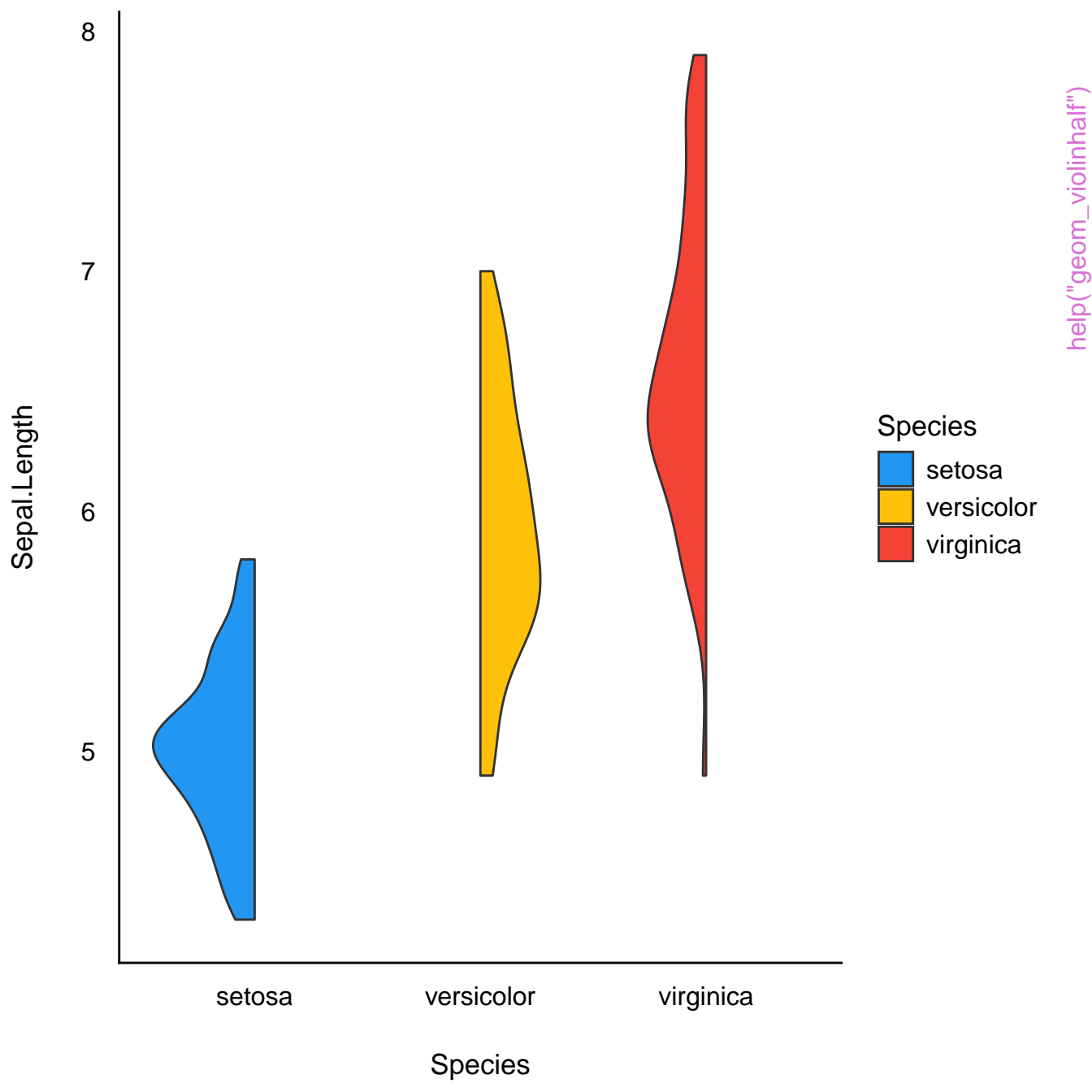


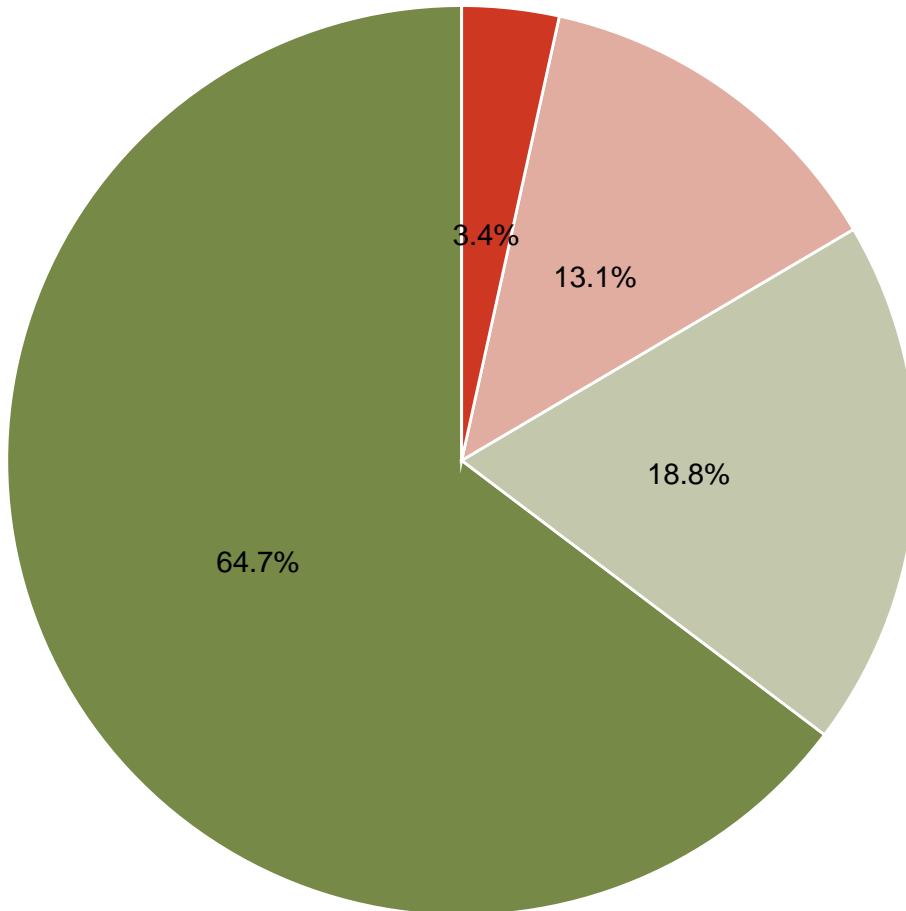
help("geom_violindot")







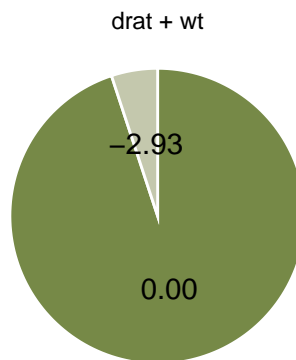
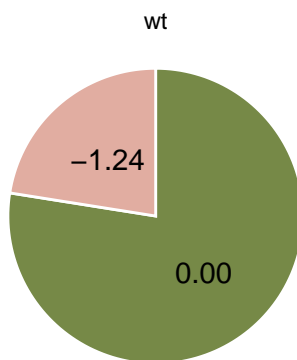
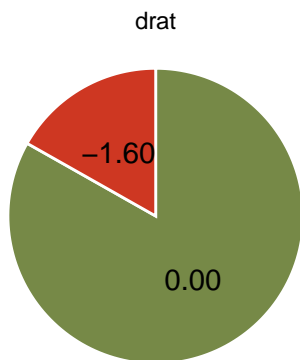




Model

- 1
- wt
- drat
- drat + wt

[help\("plot.see_bayesfactor_models"\)](#)

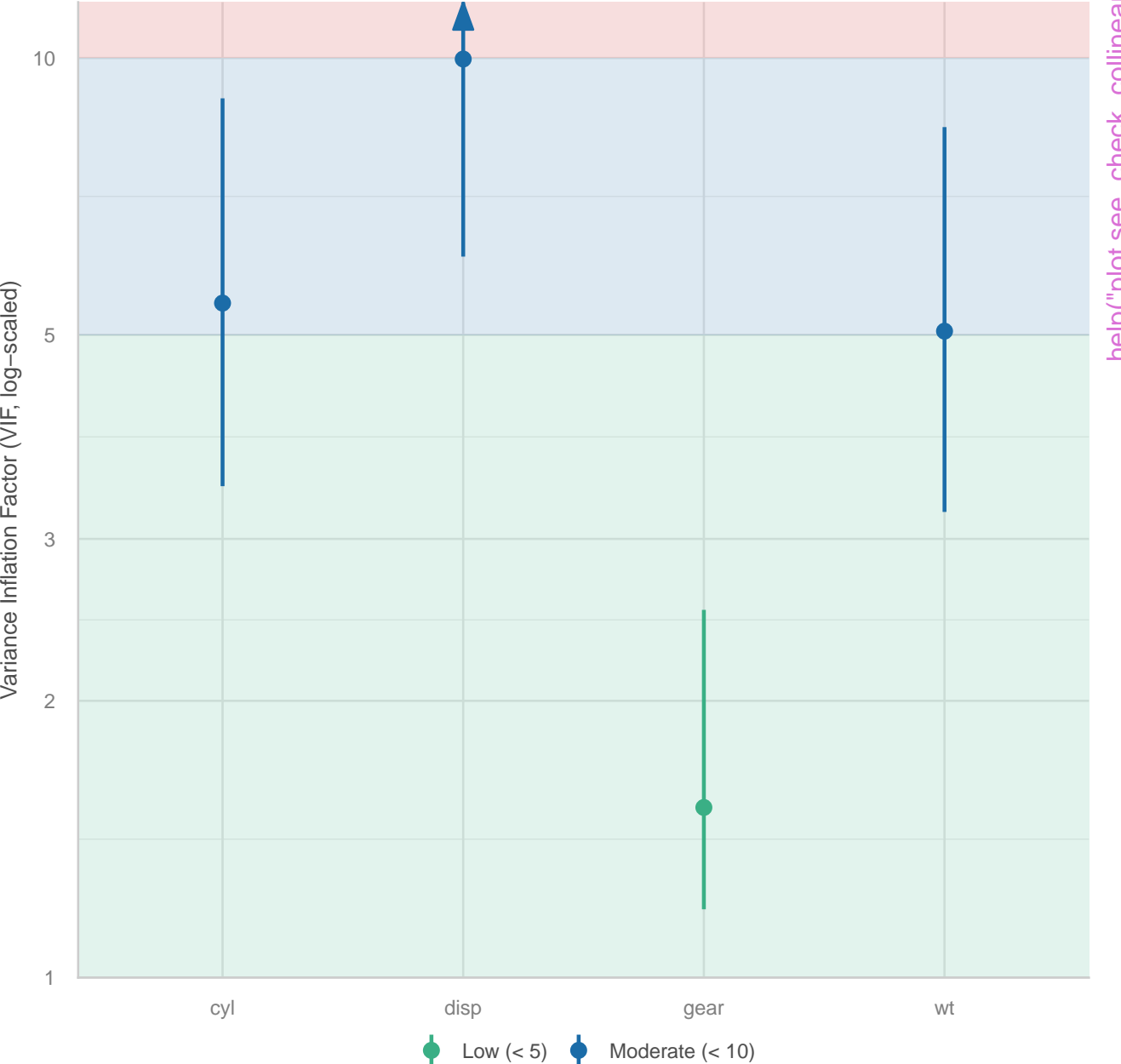


Labels are log(BF).

help("plot.see_bayesfactor_models")

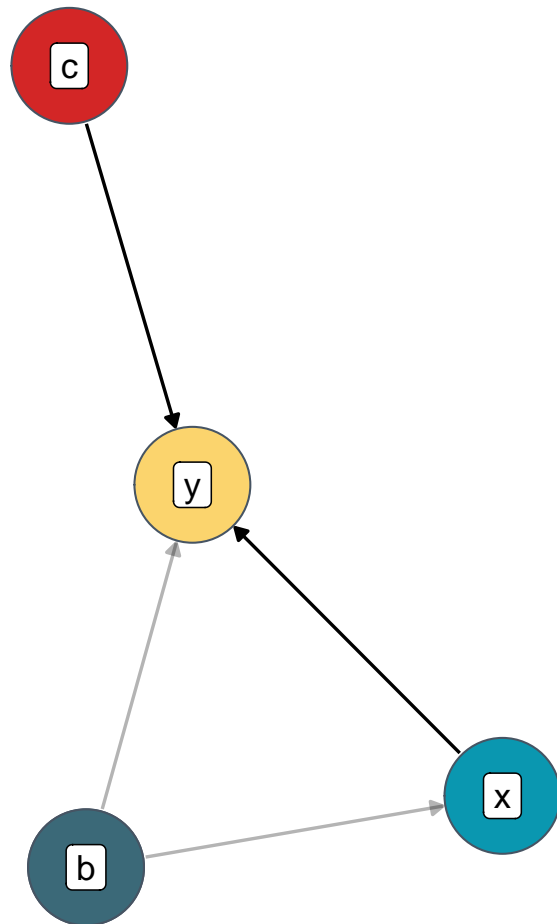
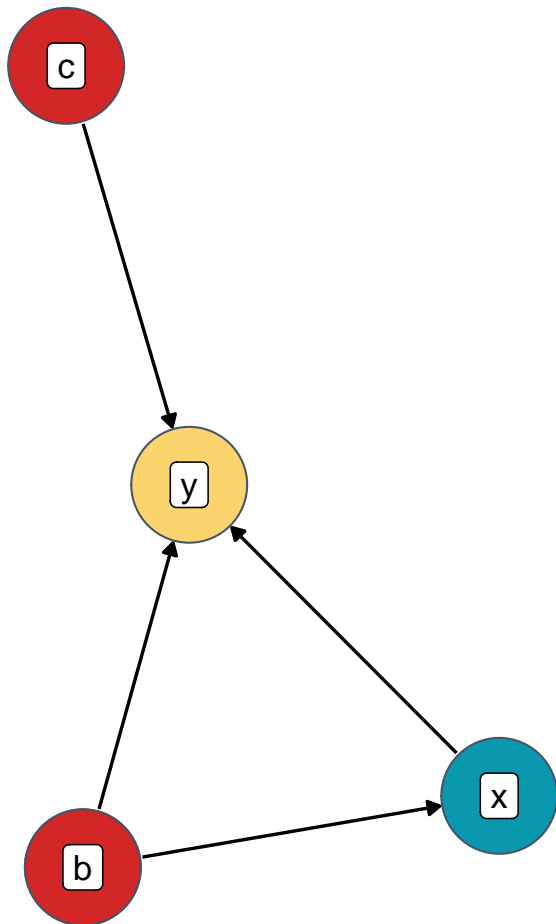
Collinearity

High collinearity (VIF) may inflate parameter uncertainty



Current model

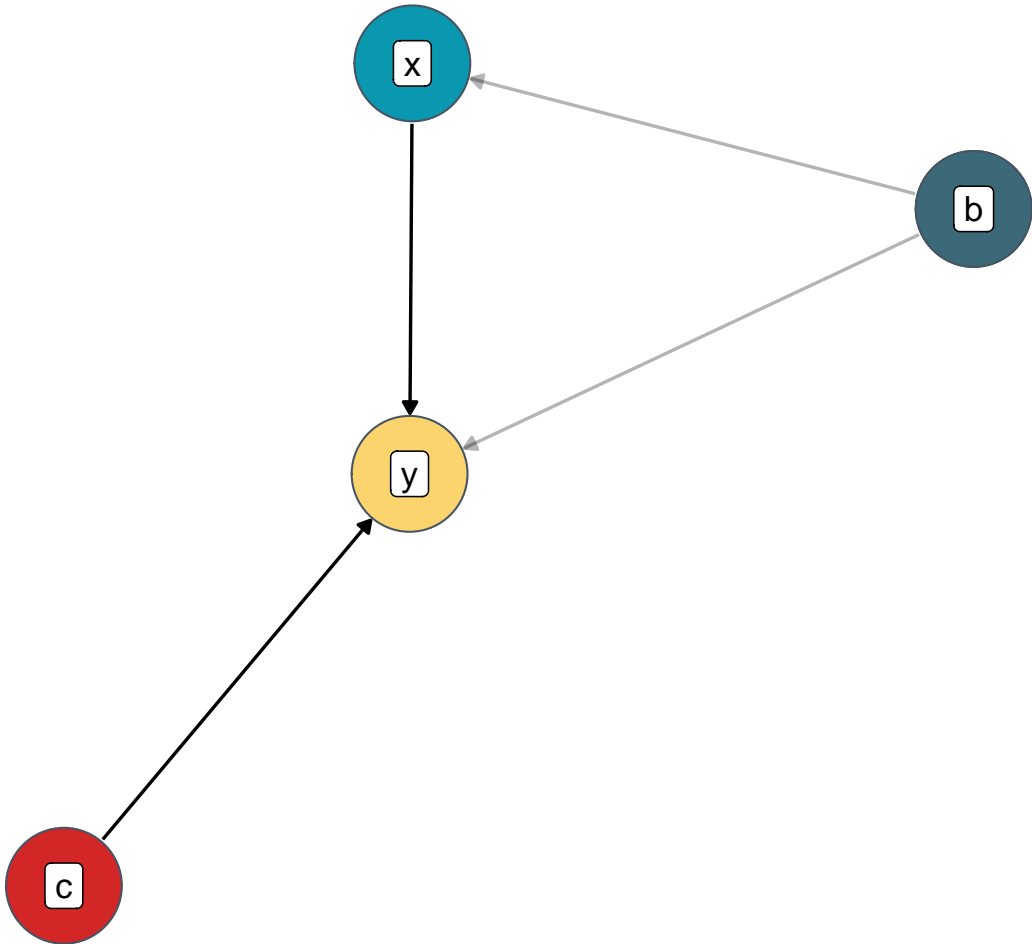
Required model (total effect)



● outcome ● exposure ● adjusted ●

help("plot.see_check_dag")

Required model (total effect)

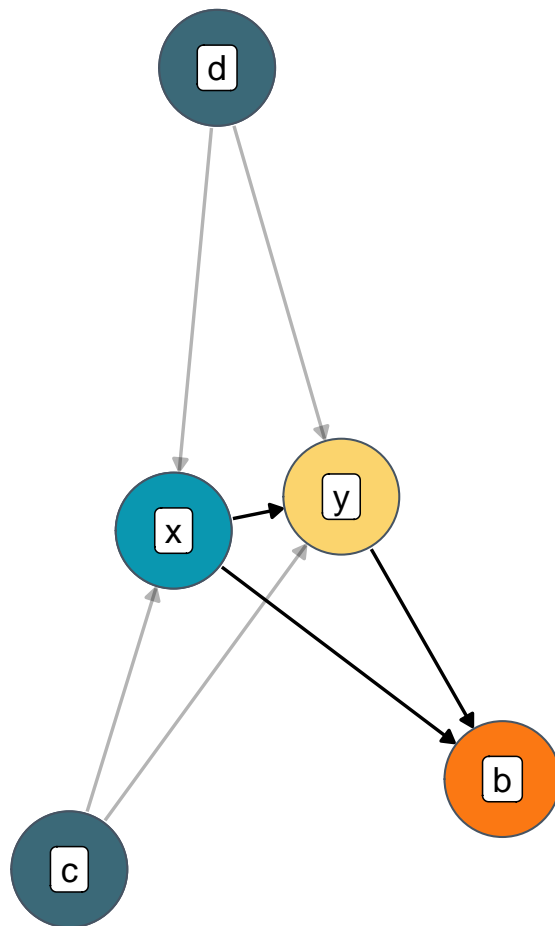
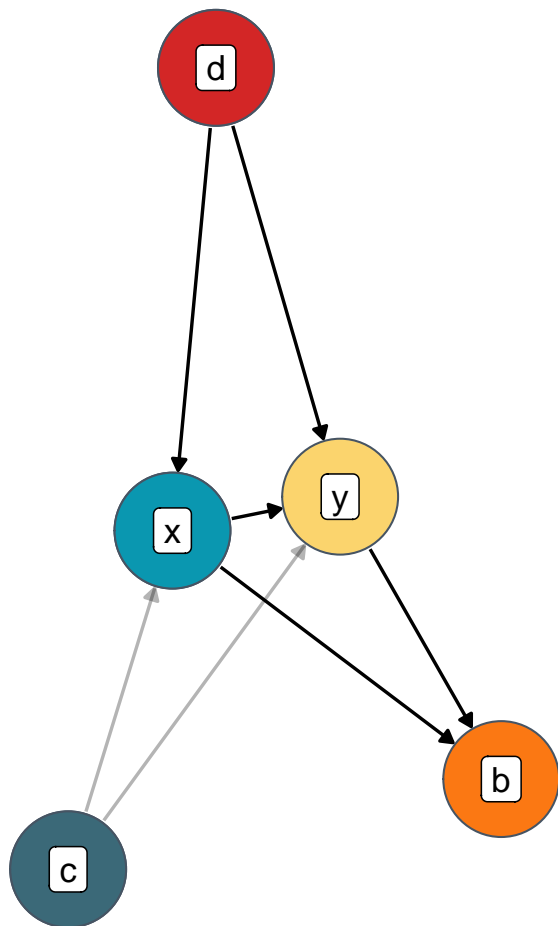


● outcome ● exposure ● adjusted ● unadjusted

help("plot.see_check_dag")

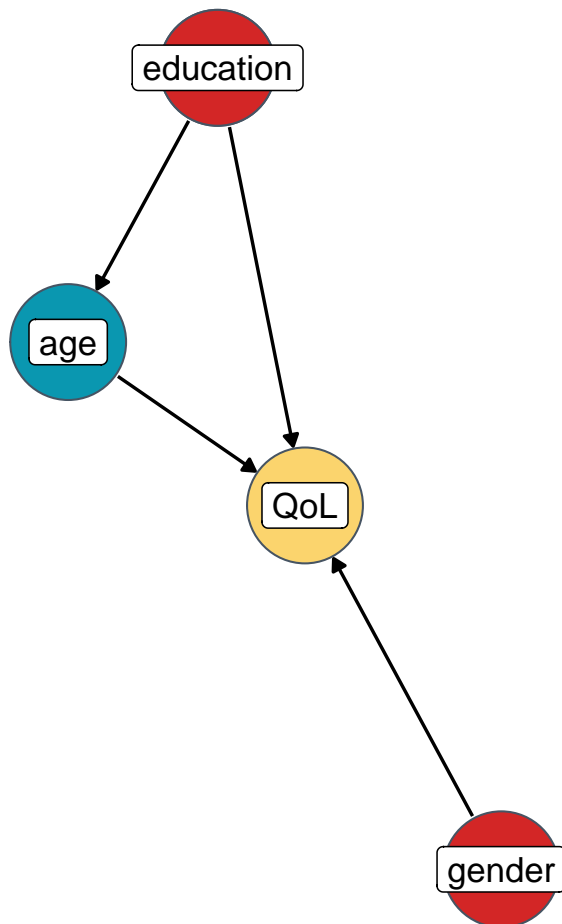
Current model

Required model (total effect)

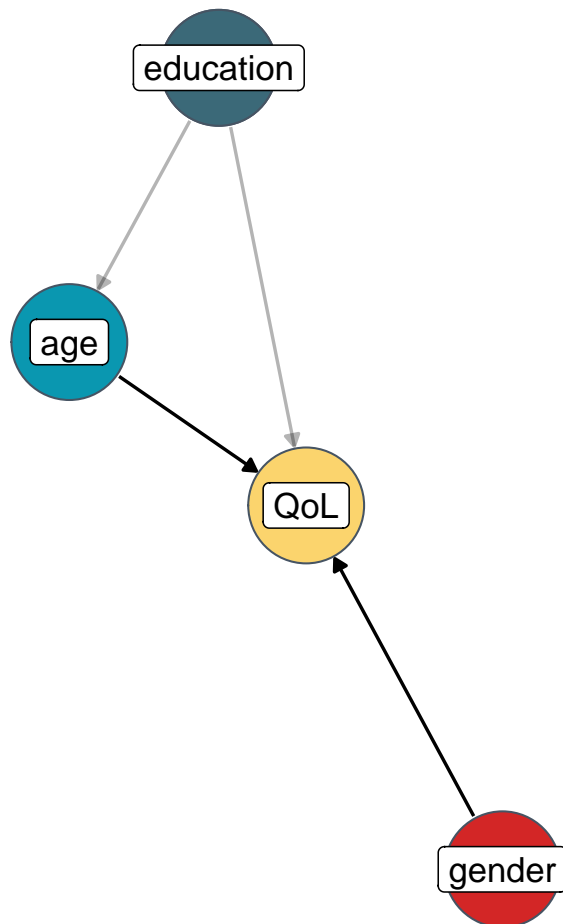


● outcome
 ● exposure
 ● adjusted
 ● unadjusted
 ● collider

Current model



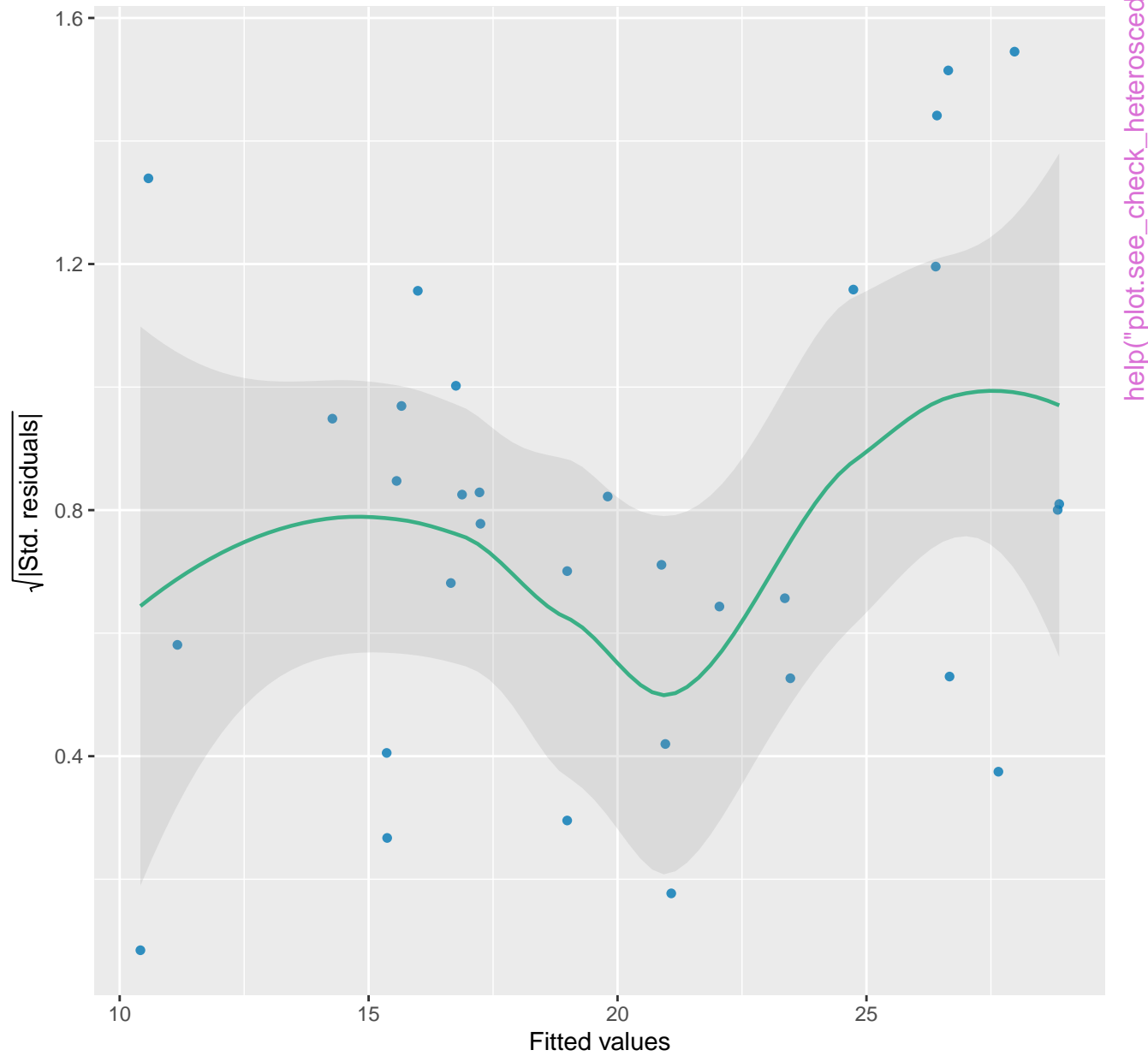
Required model (total effect)



● outcome ● exposure ● adjusted ●

Homogeneity of Variance

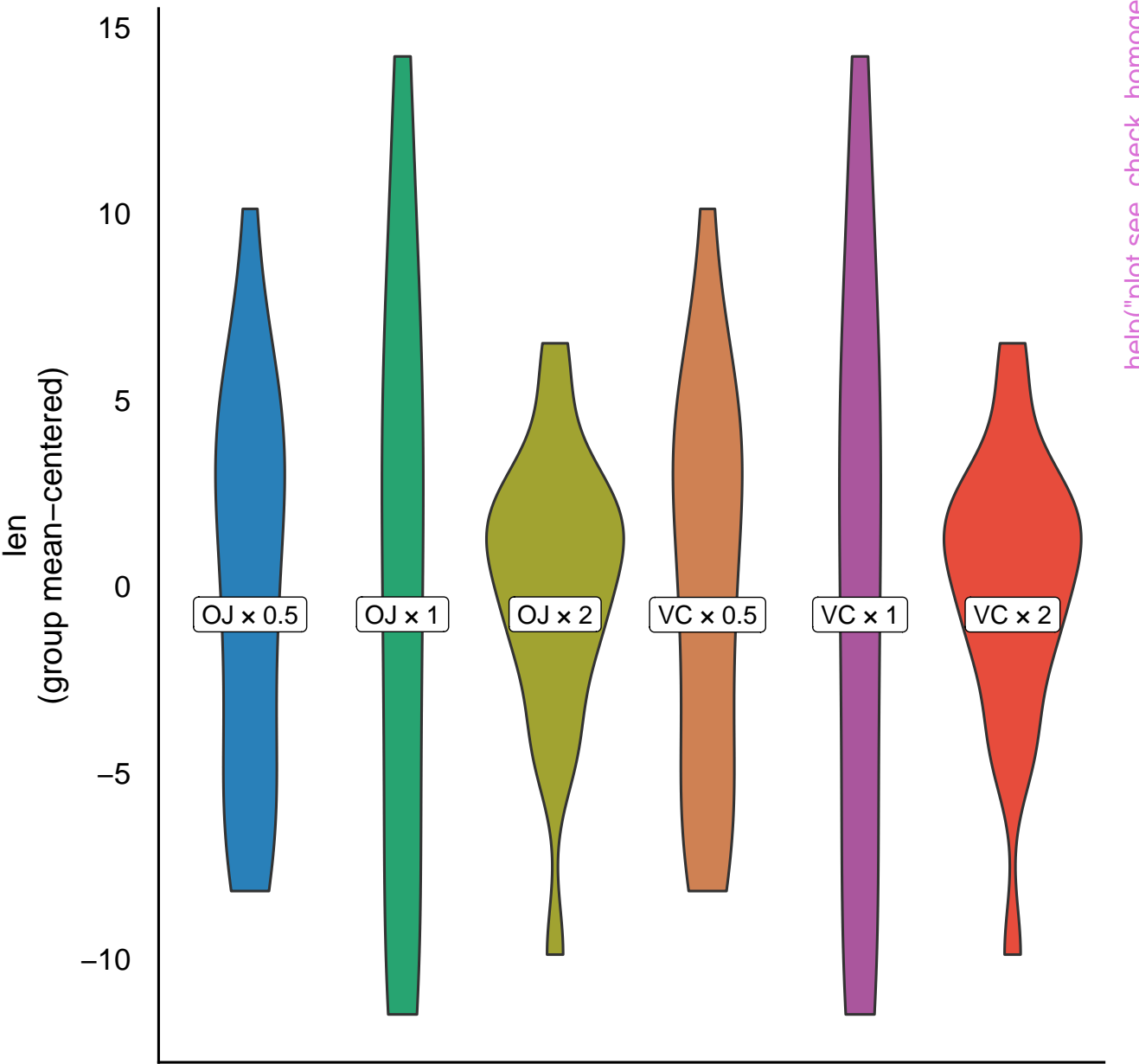
Reference line should be flat and horizontal



help("plot.see_check_heteroscedasticity")

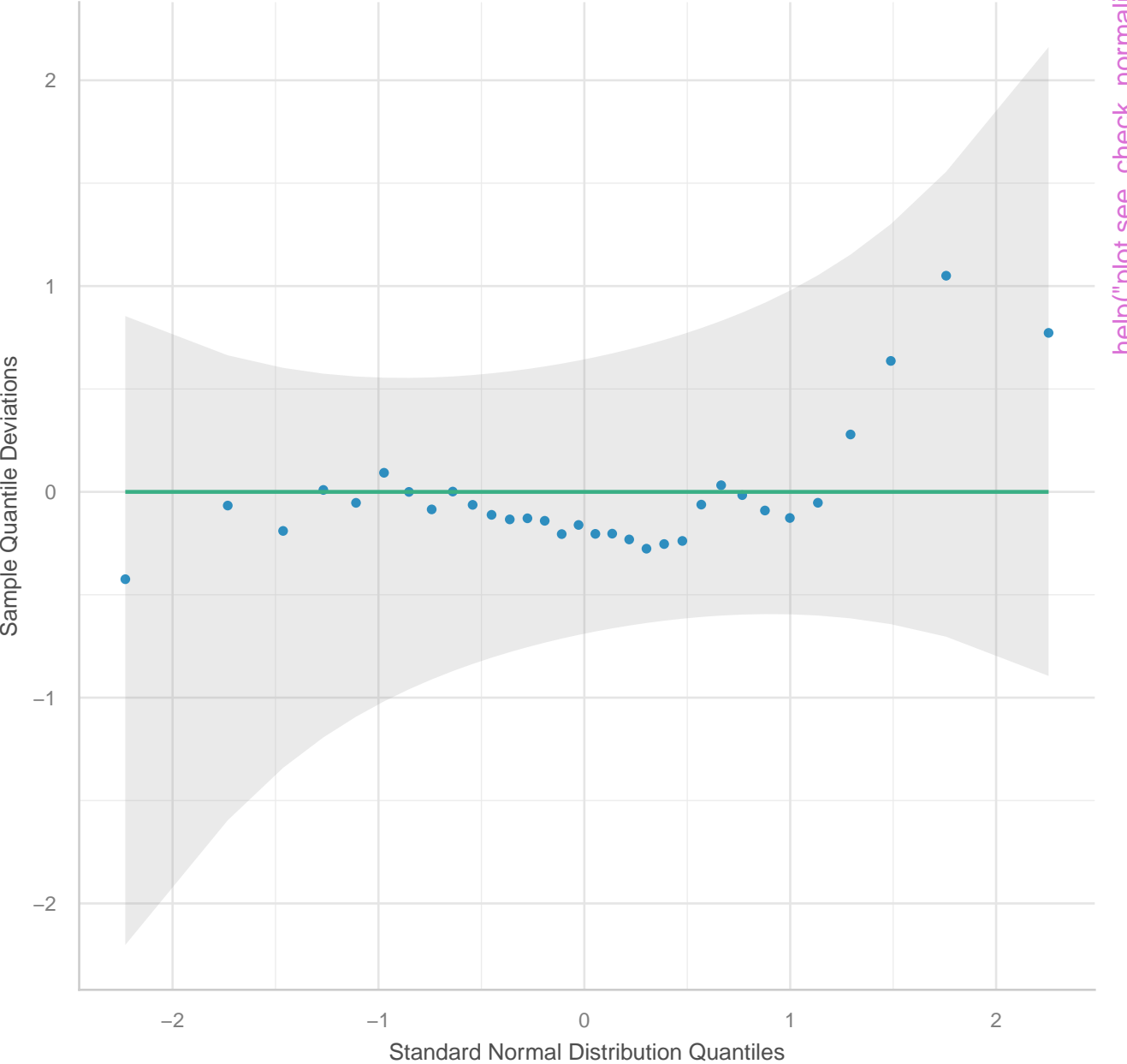
Homogeneity of Variance (Bartlett Test)

Groups should be evenly spread



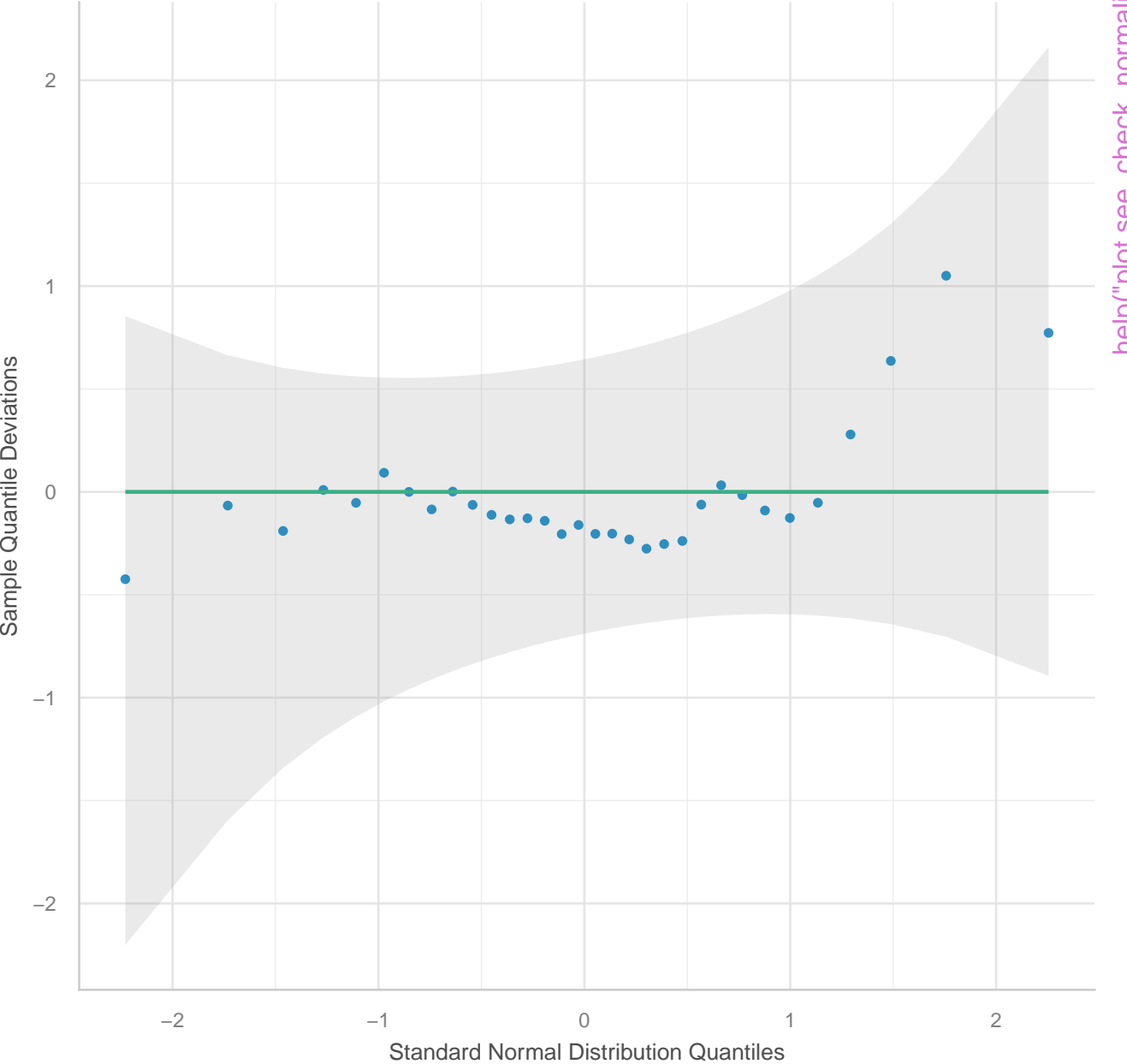
help("plot.see_check_homogeneity")

Normality of Residuals
Dots should fall along the line



help("plot.see_check_normality")

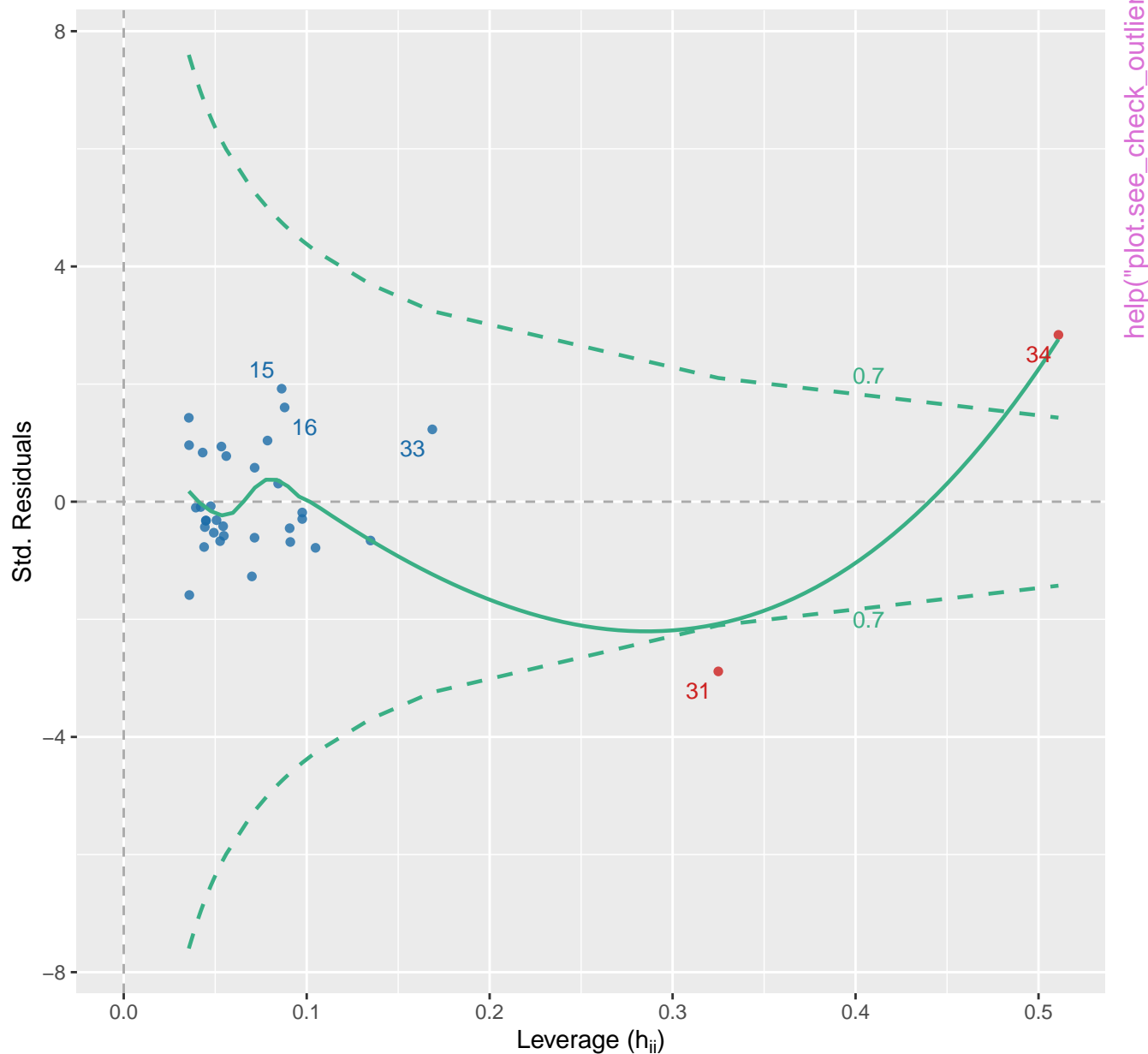
Normality of Residuals
Dots should fall along the line

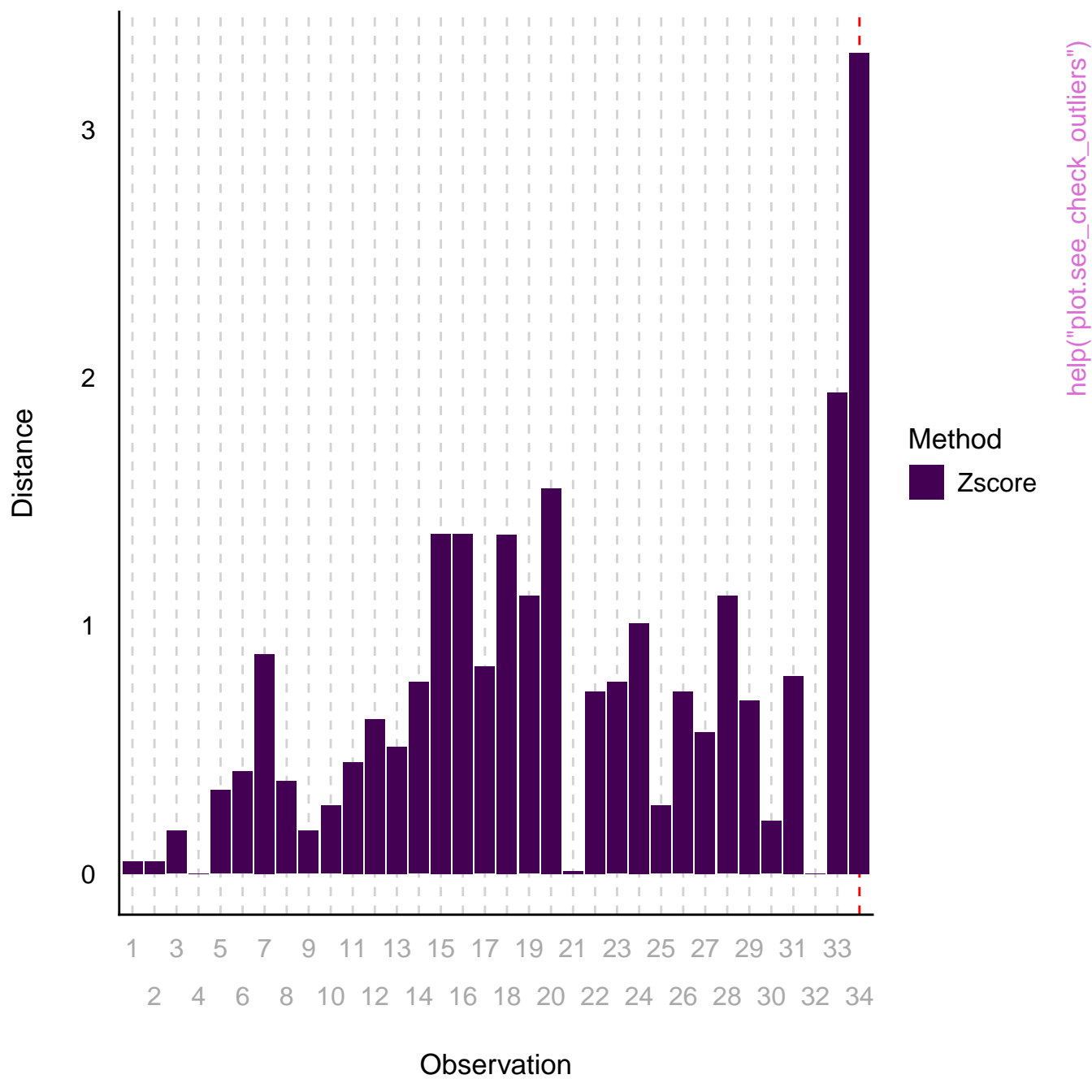


help("plot.see_check_normality")

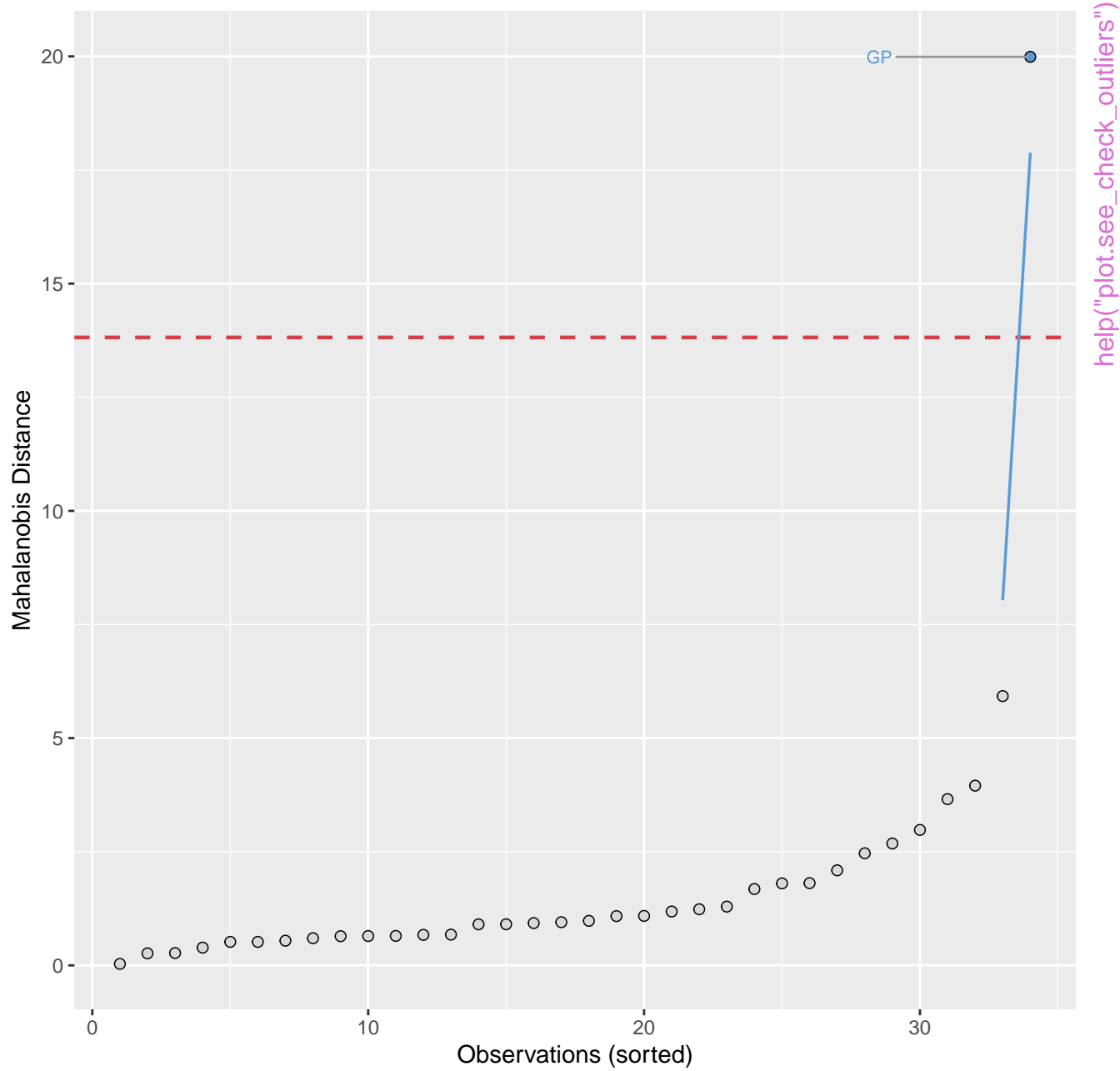
Influential Observations

Points should be inside the contour lines





Scree Outlier Detection



Parameter

Species [versicolor]

Species [virginica]

Petal Length

Species [versicolor] × Petal Length

Species [virginica] × Petal Length

-4

-2

0

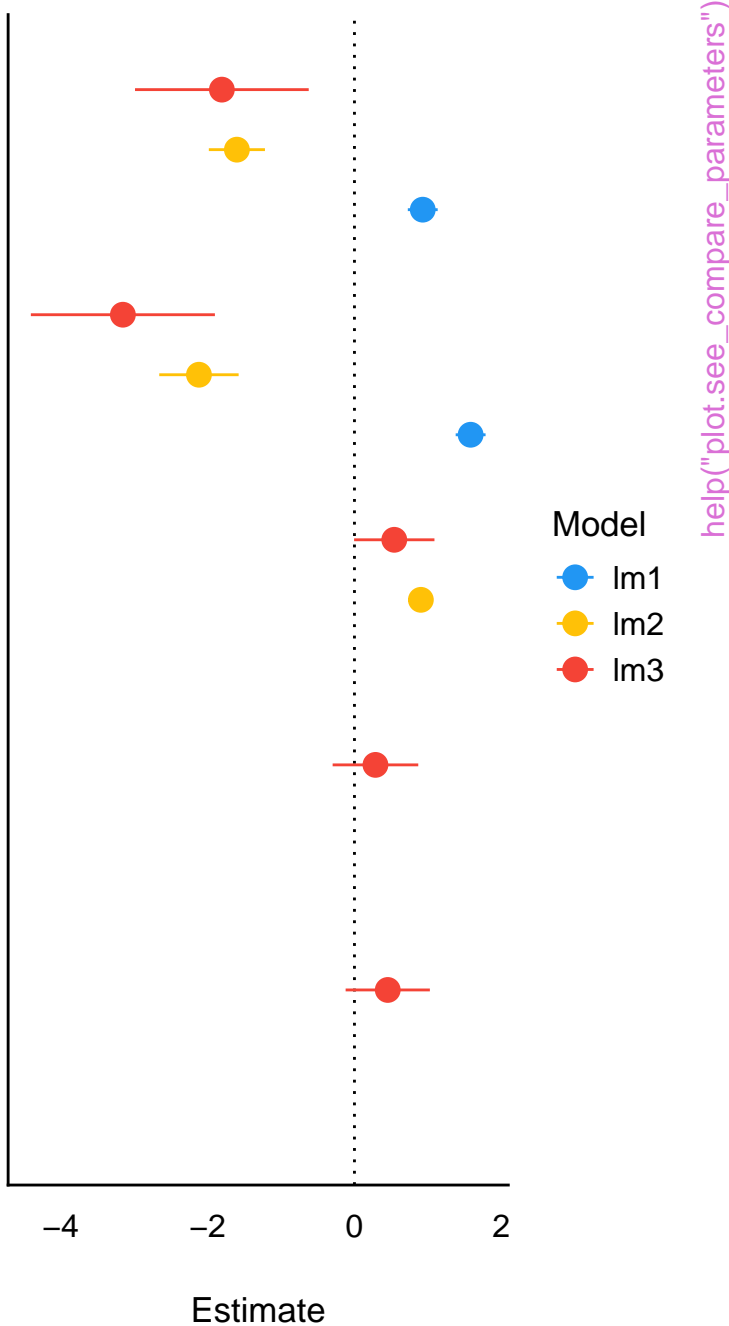
2

Estimate

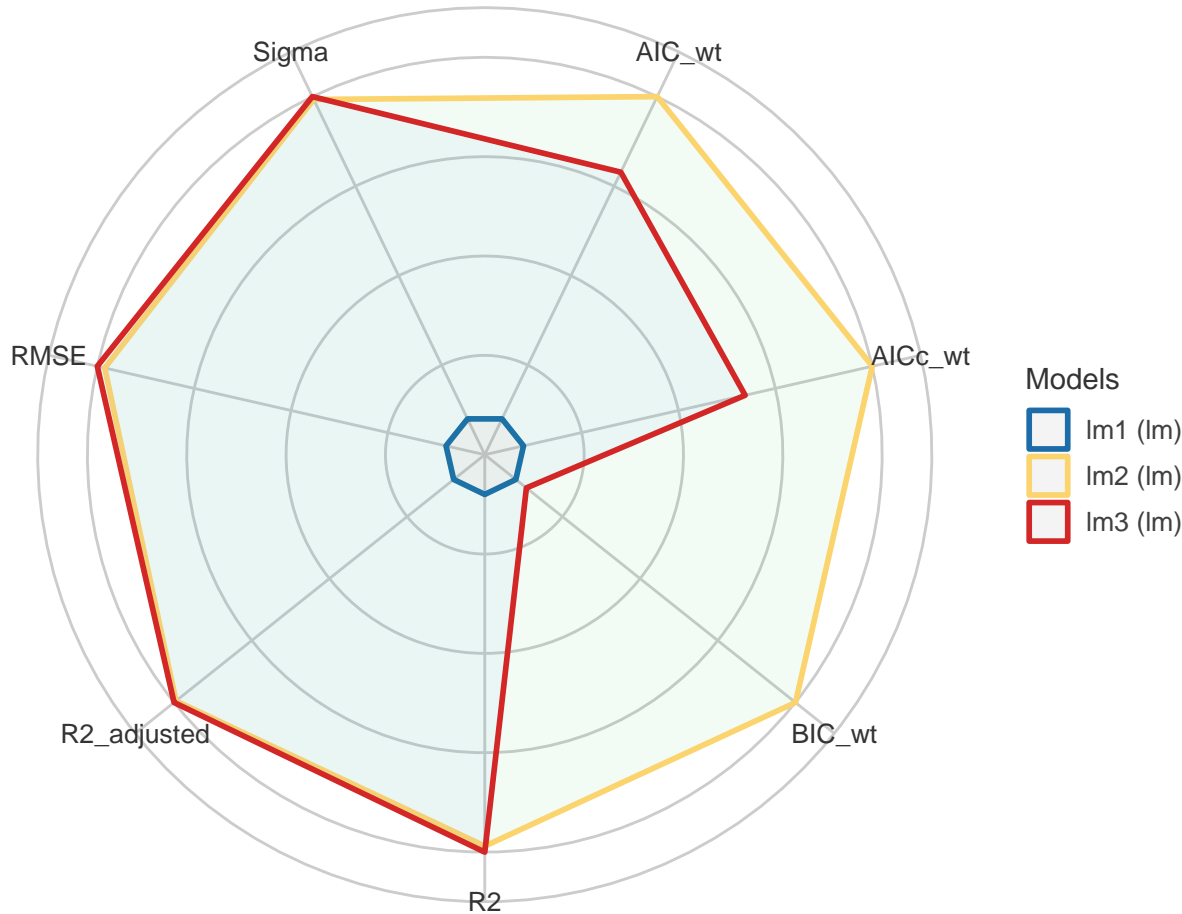
Model

- lm1
- lm2
- lm3

[help\("plot.compare_parameters"\)](#)

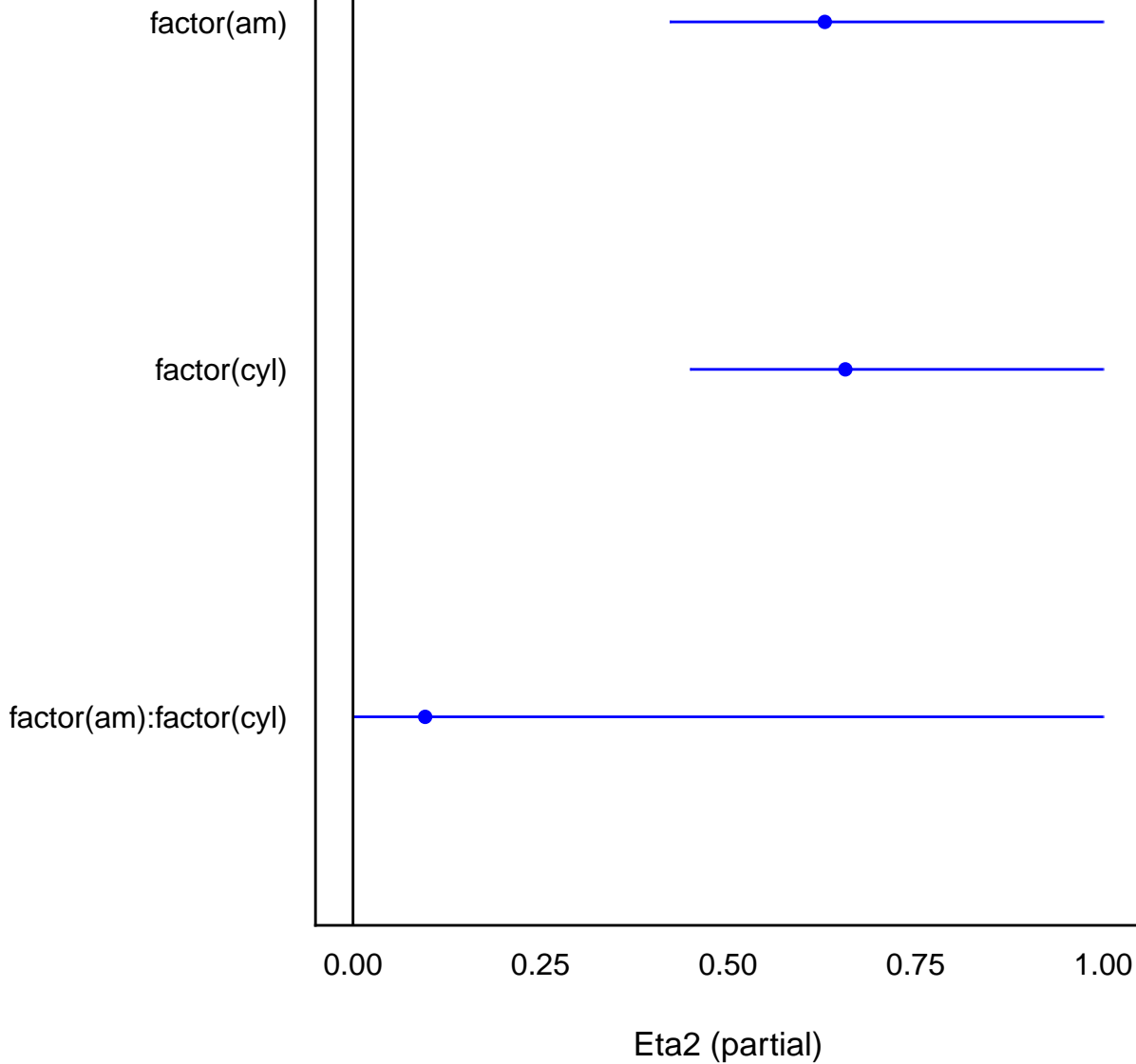


Comparison of Model Indices



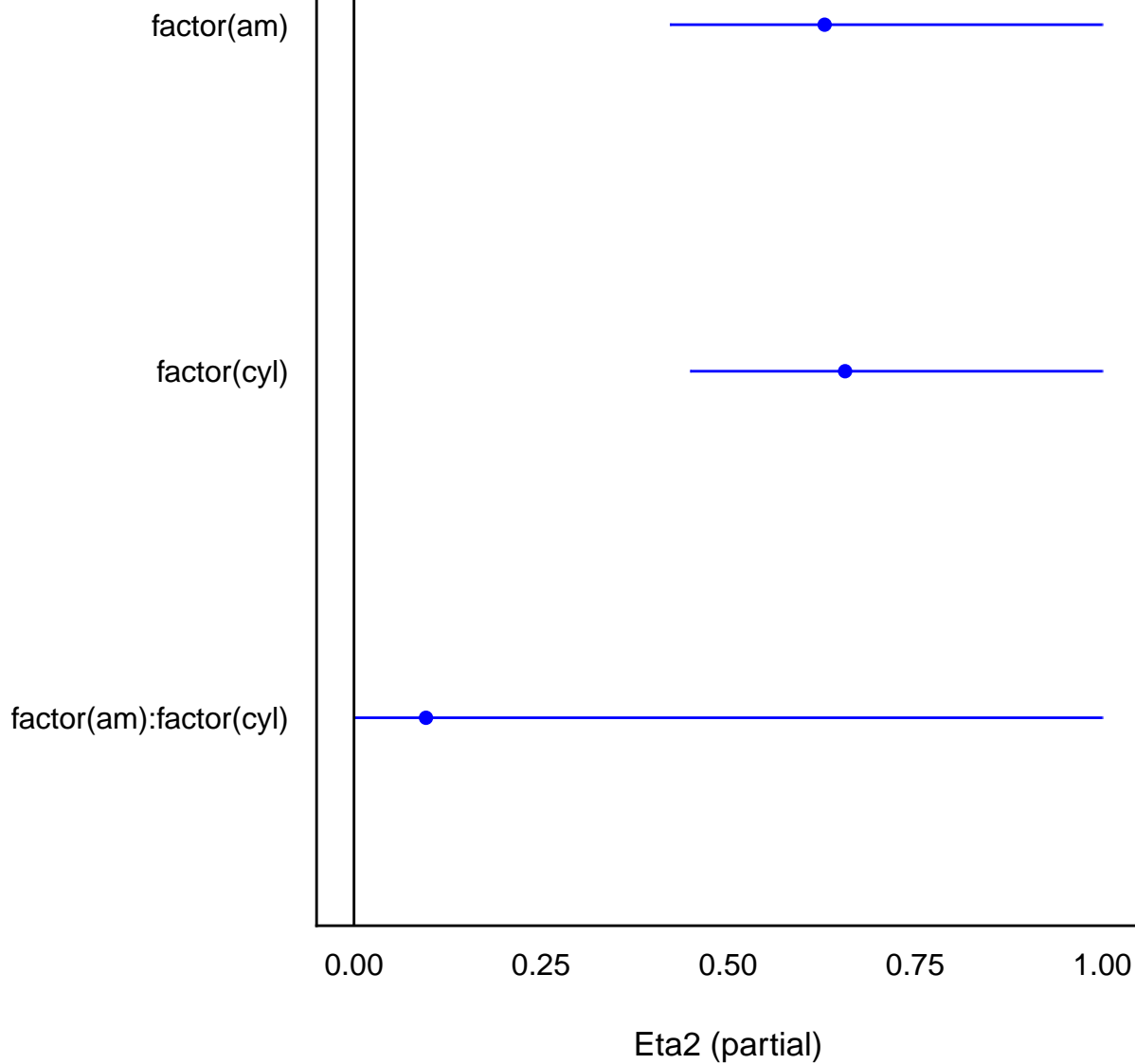
help("plot.see_compare_performance")

Parameter



help("plot.see_effectsize_table")

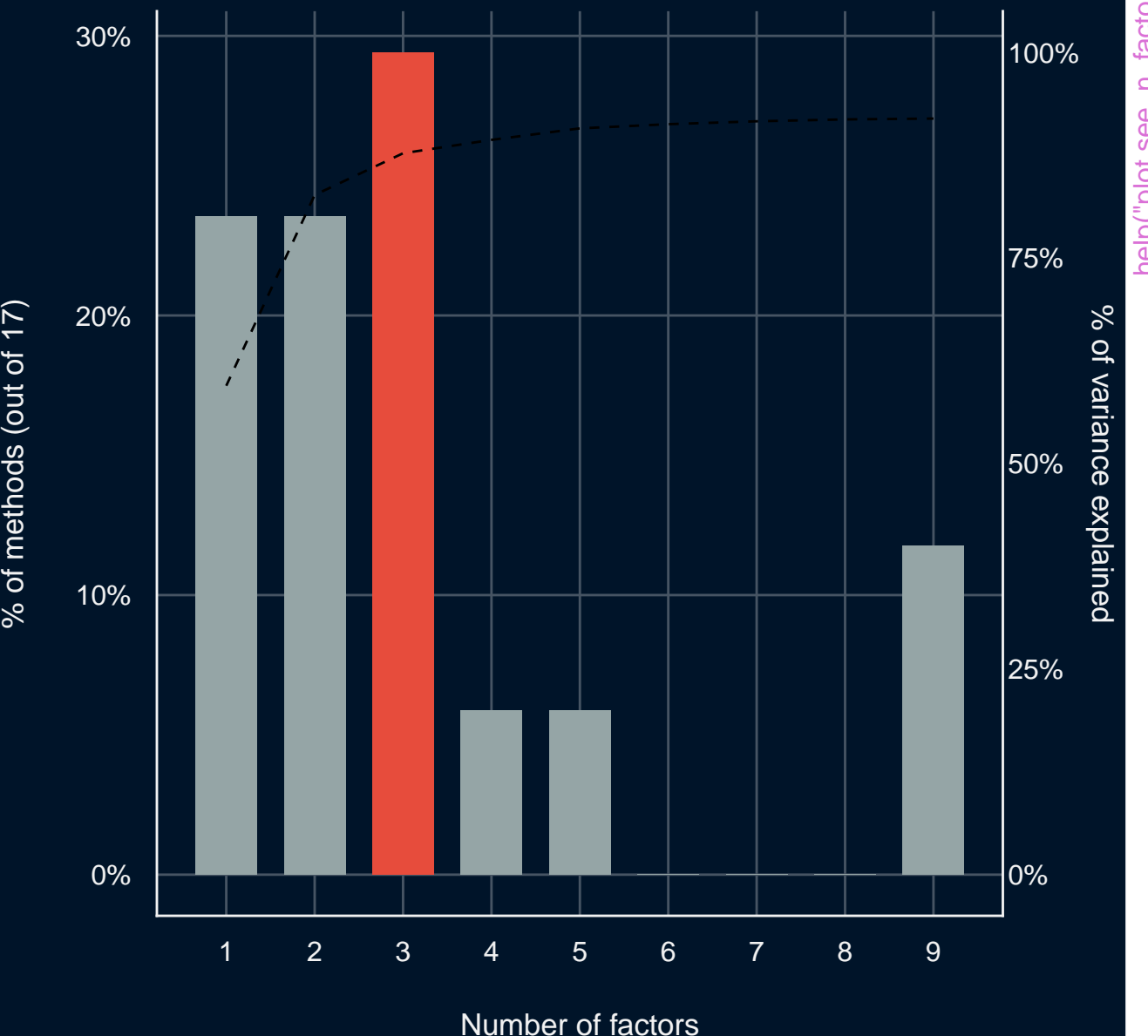
Parameter



help("plot.see_equivalence_test")

How many factors to retain

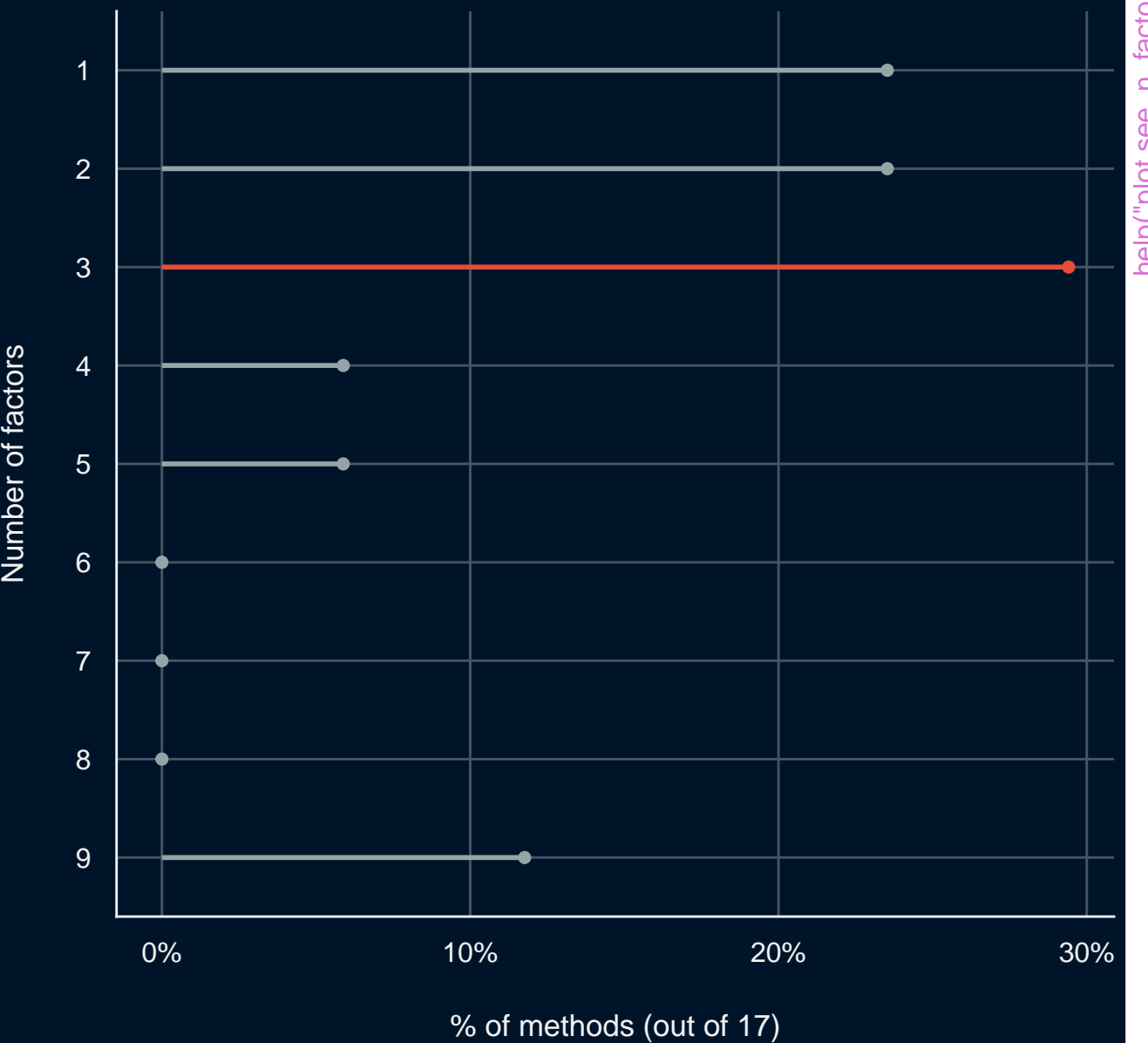
Number of factors considered optimal by various algorithm. The dashed line represent the cumulative



help("plot.see n_factors")

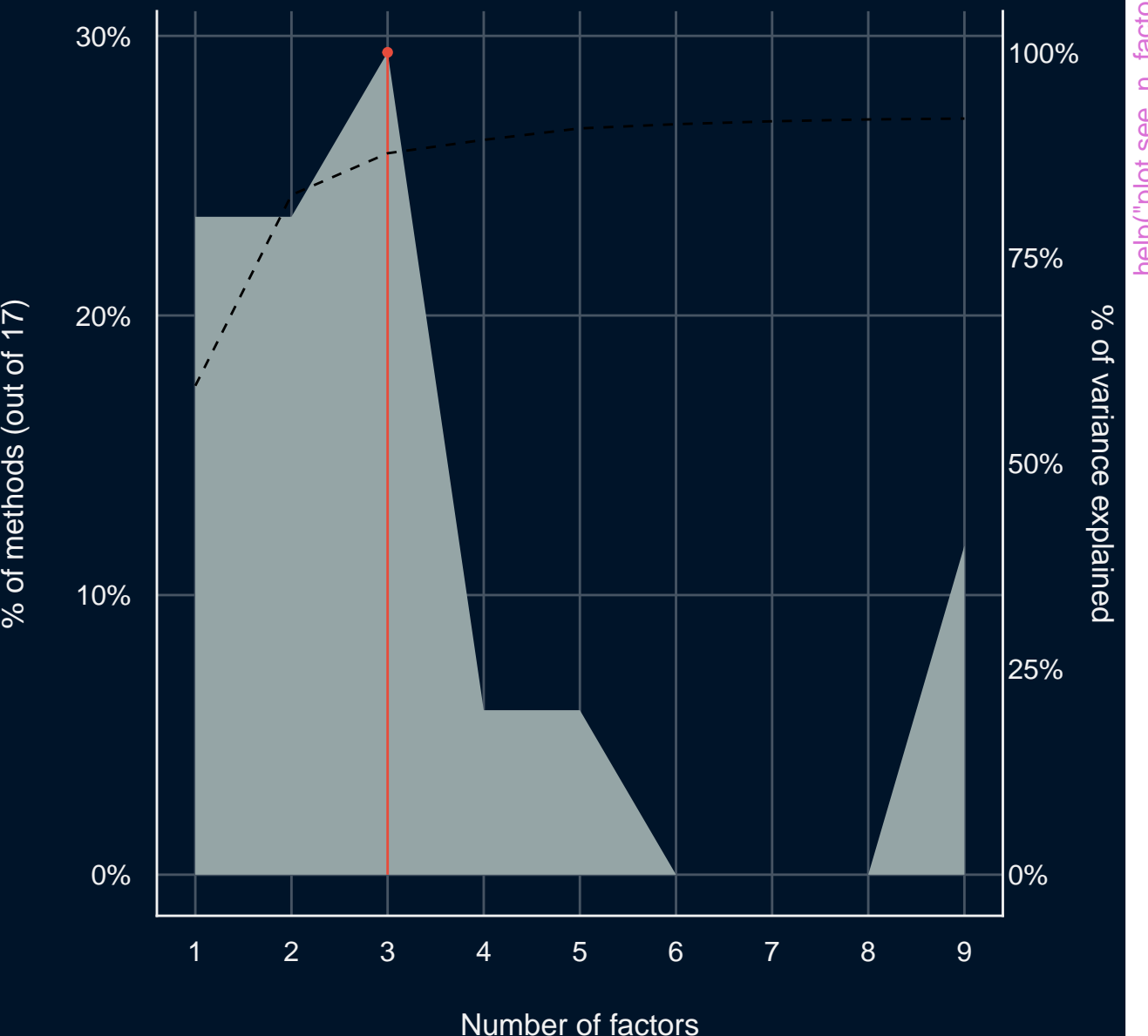
How many factors to retain

Number of factors considered optimal by various algorithm

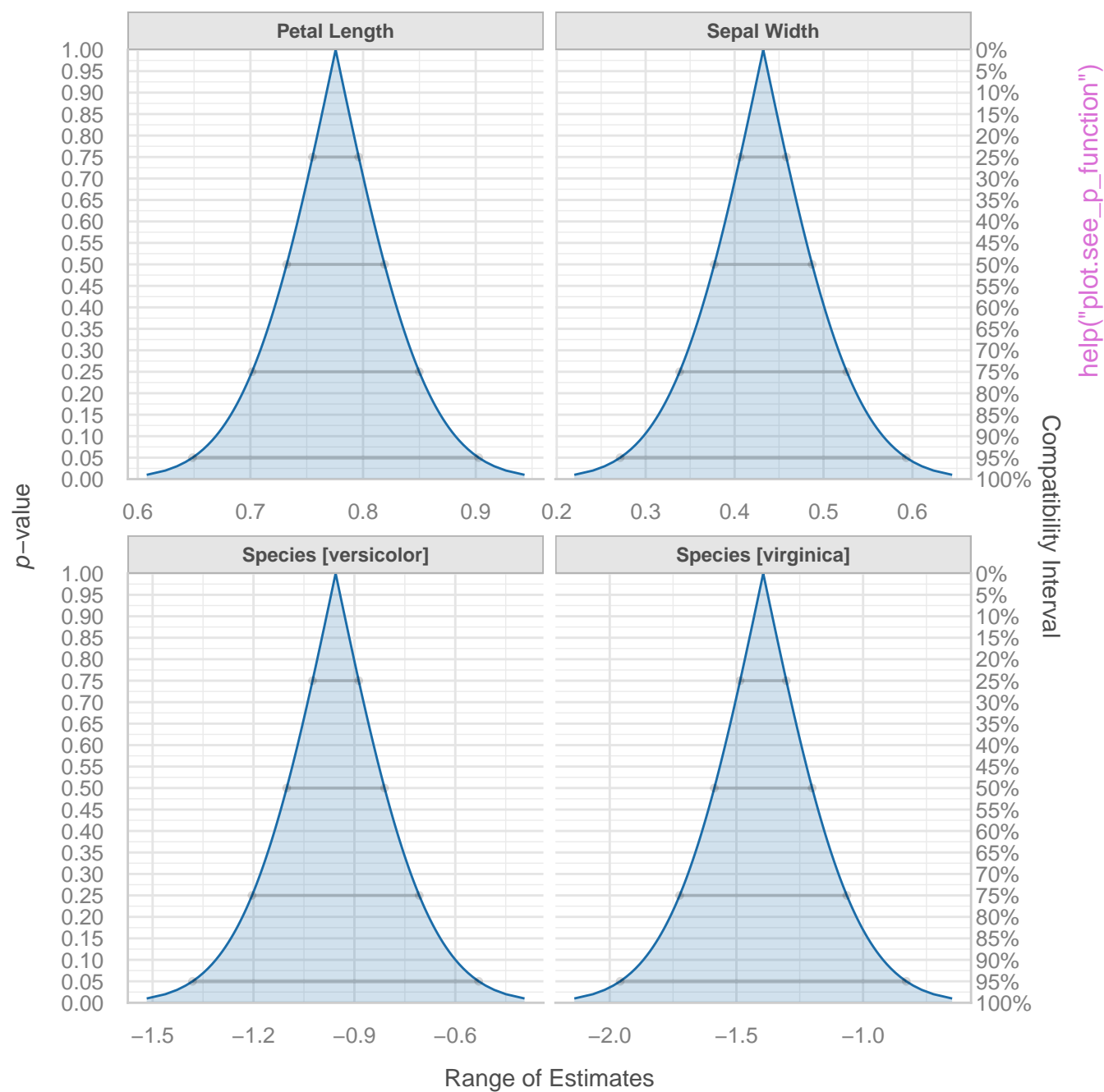


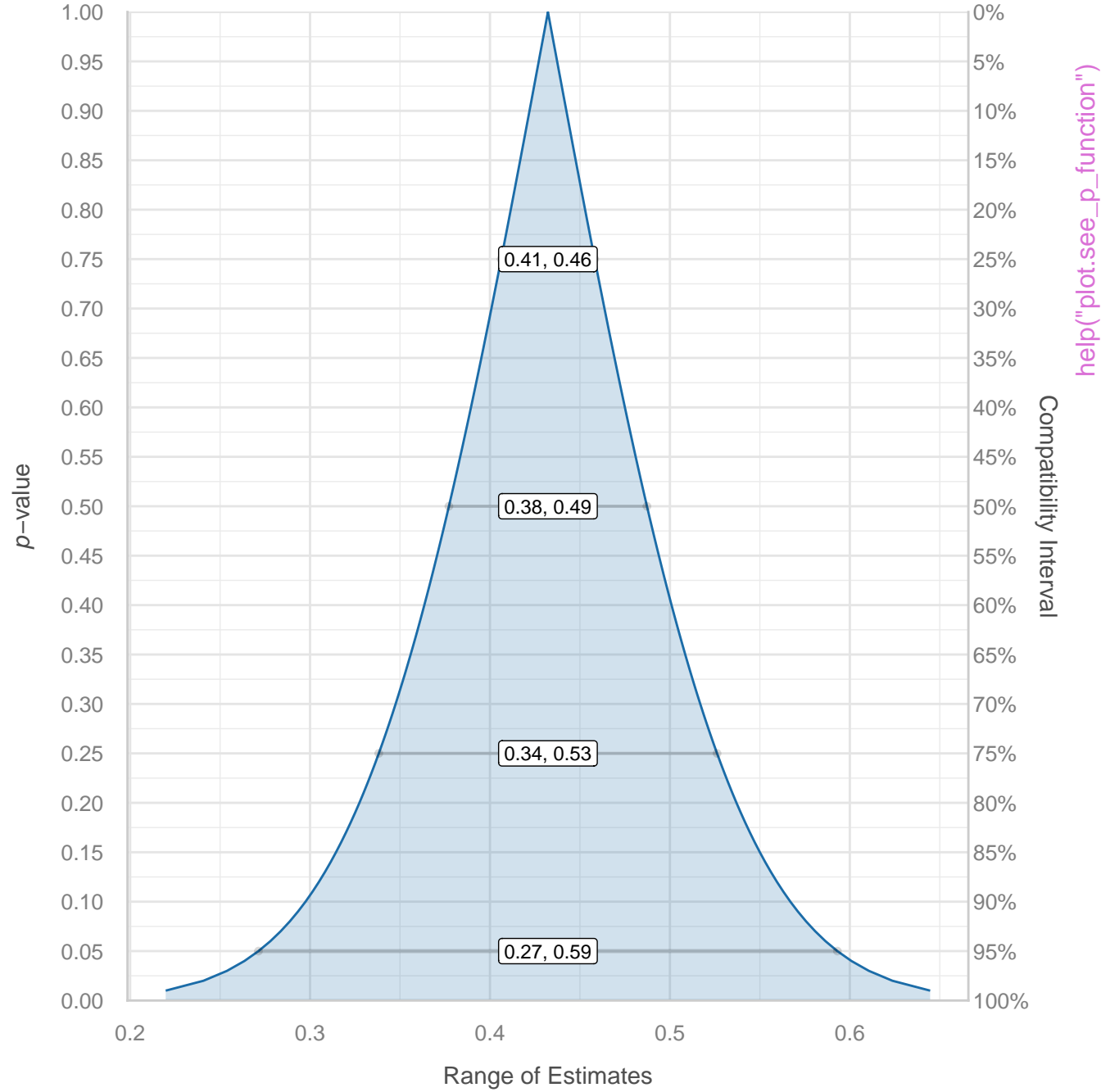
How many factors to retain

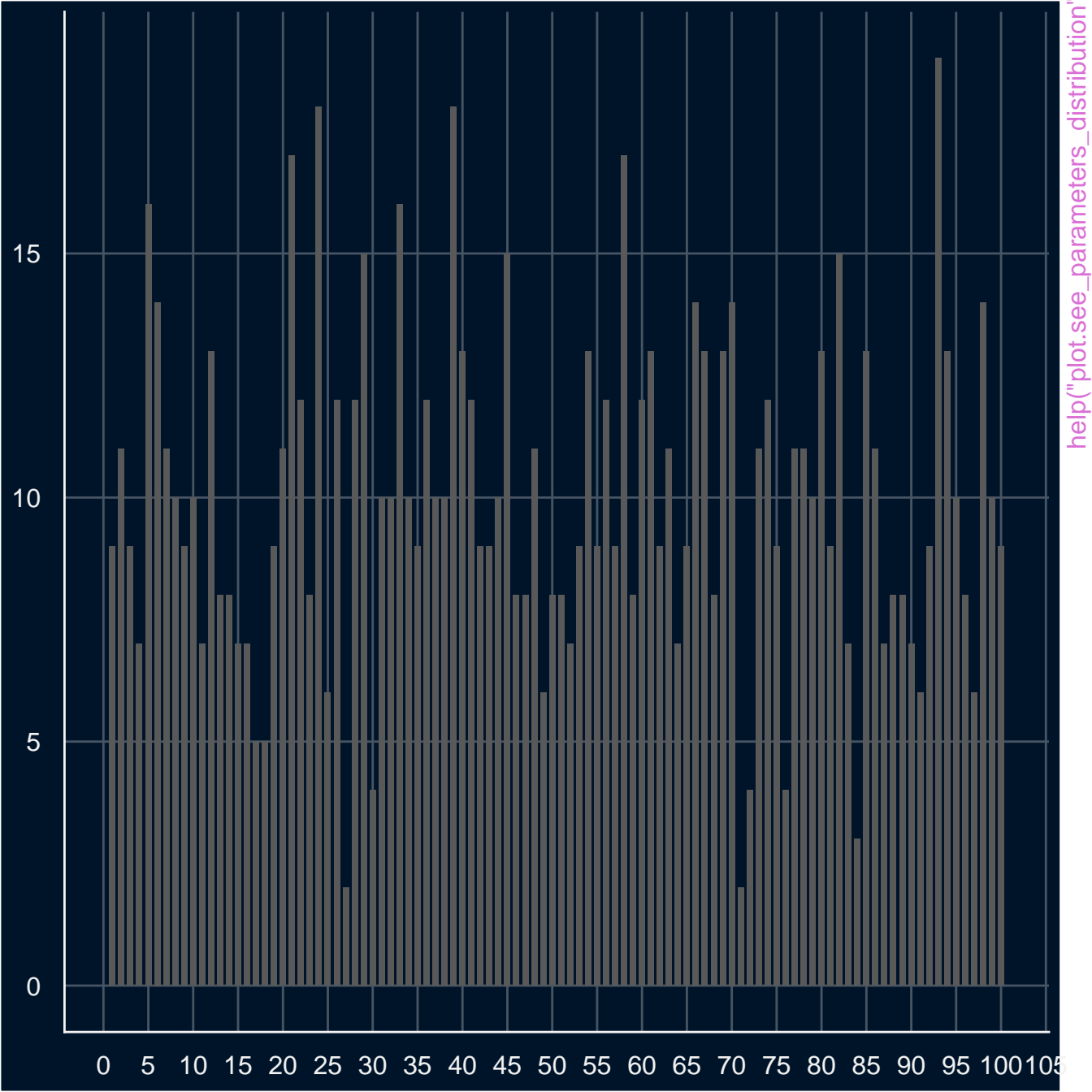
Number of factors considered optimal by various algorithm. The dashed line represent the cumulative

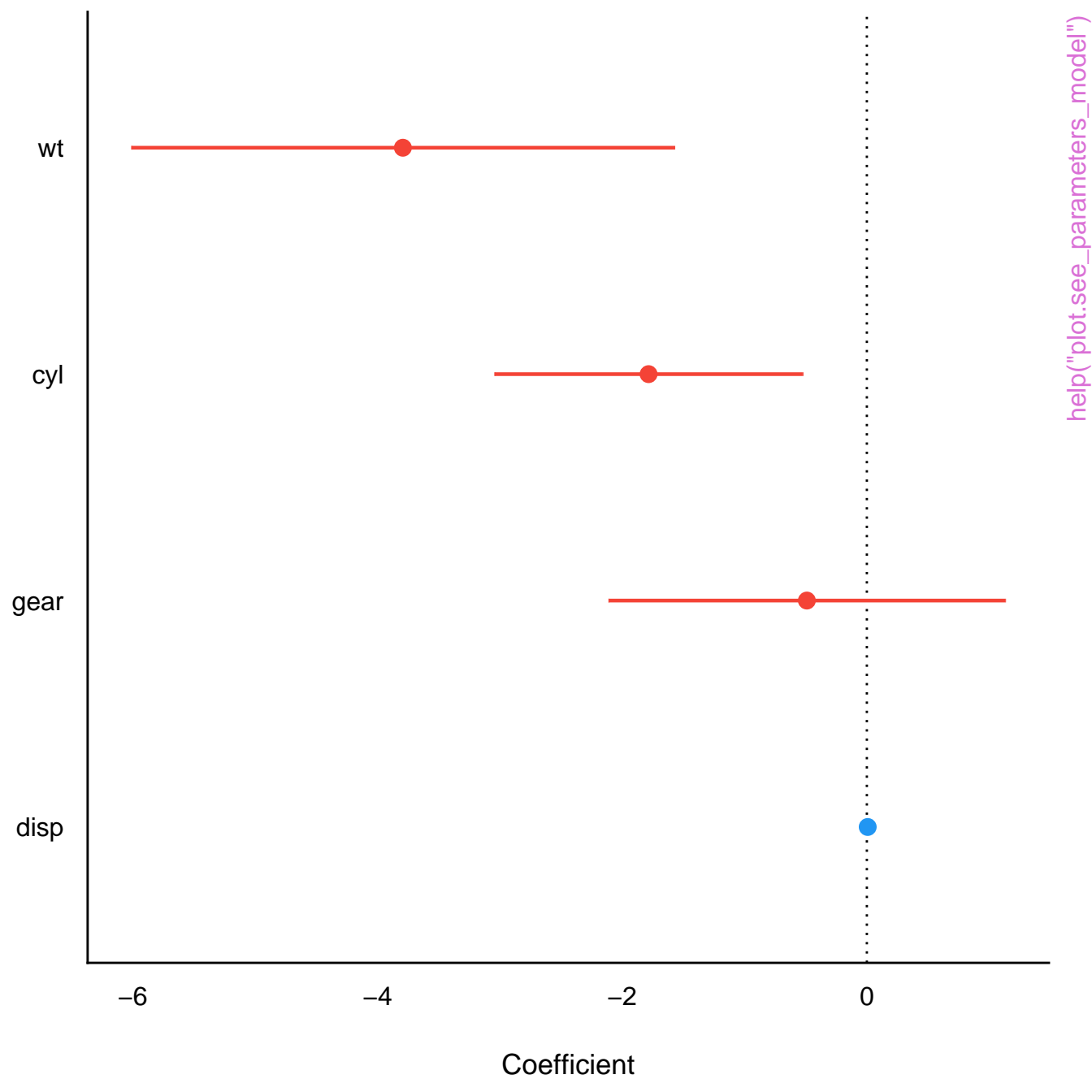


help("plot.see_n_factors")

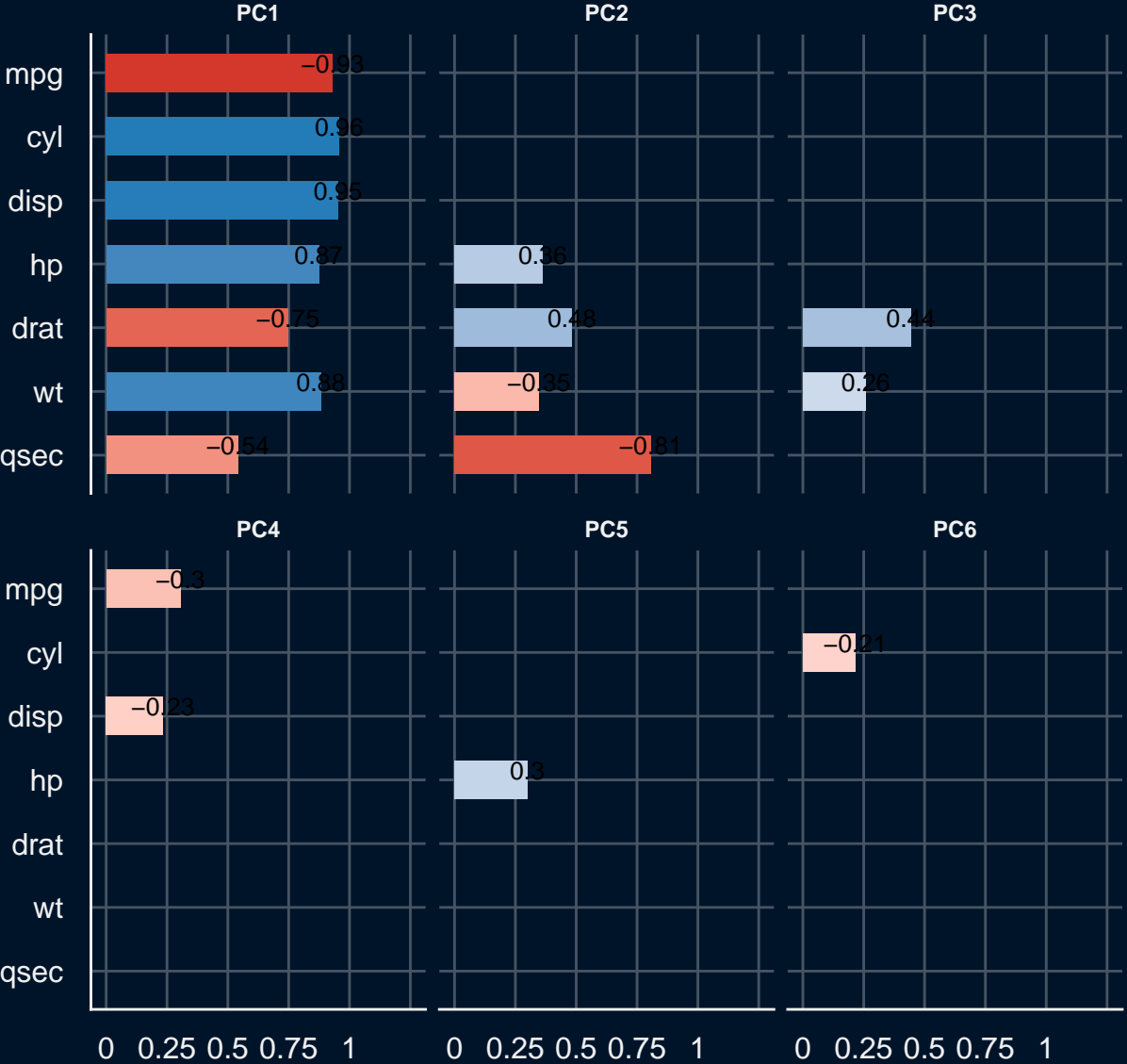






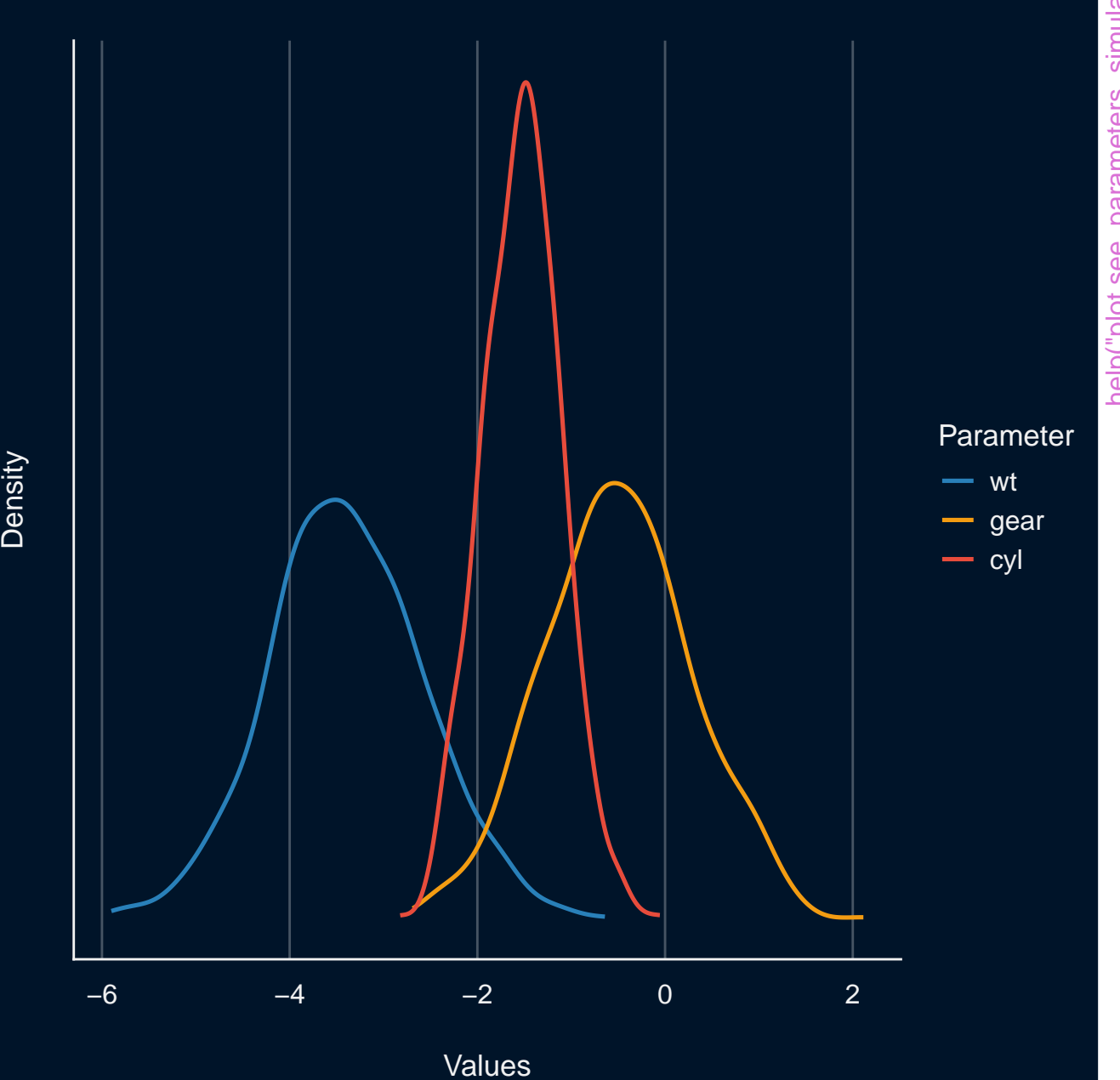


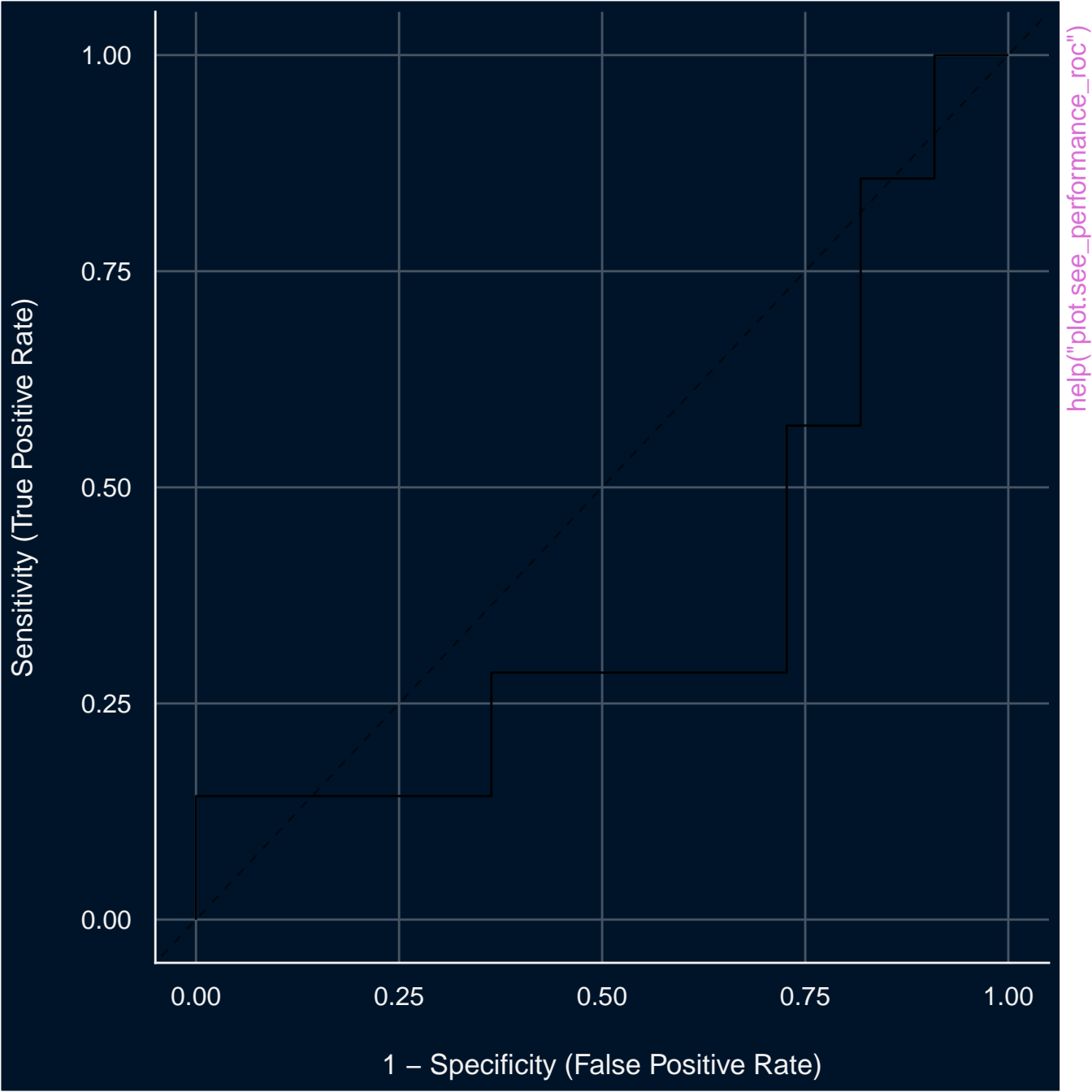
Loadings from Principal Component Analysis (no rotation)



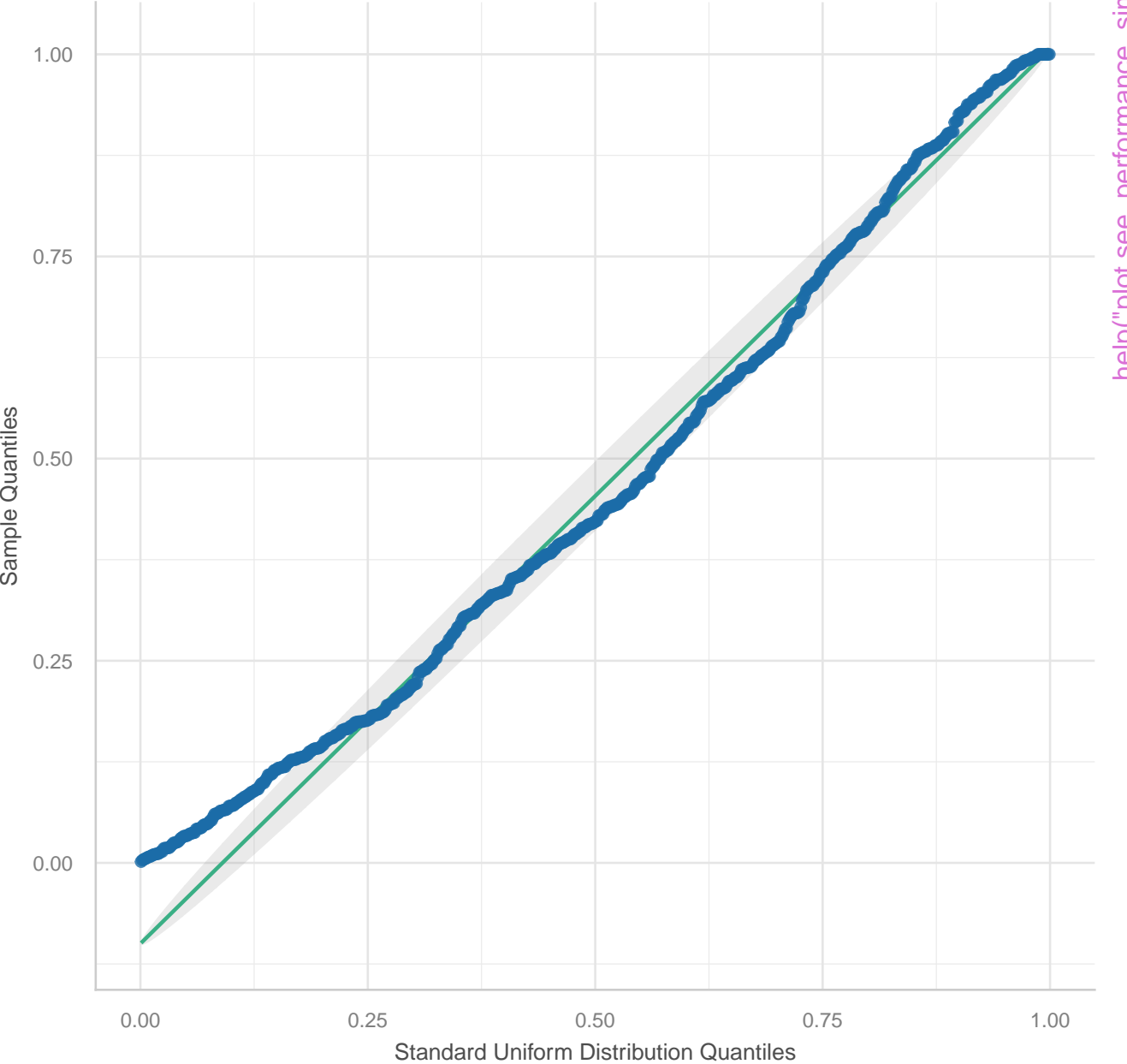
help("plot.see_parameters_pca")

Estimated Density Function



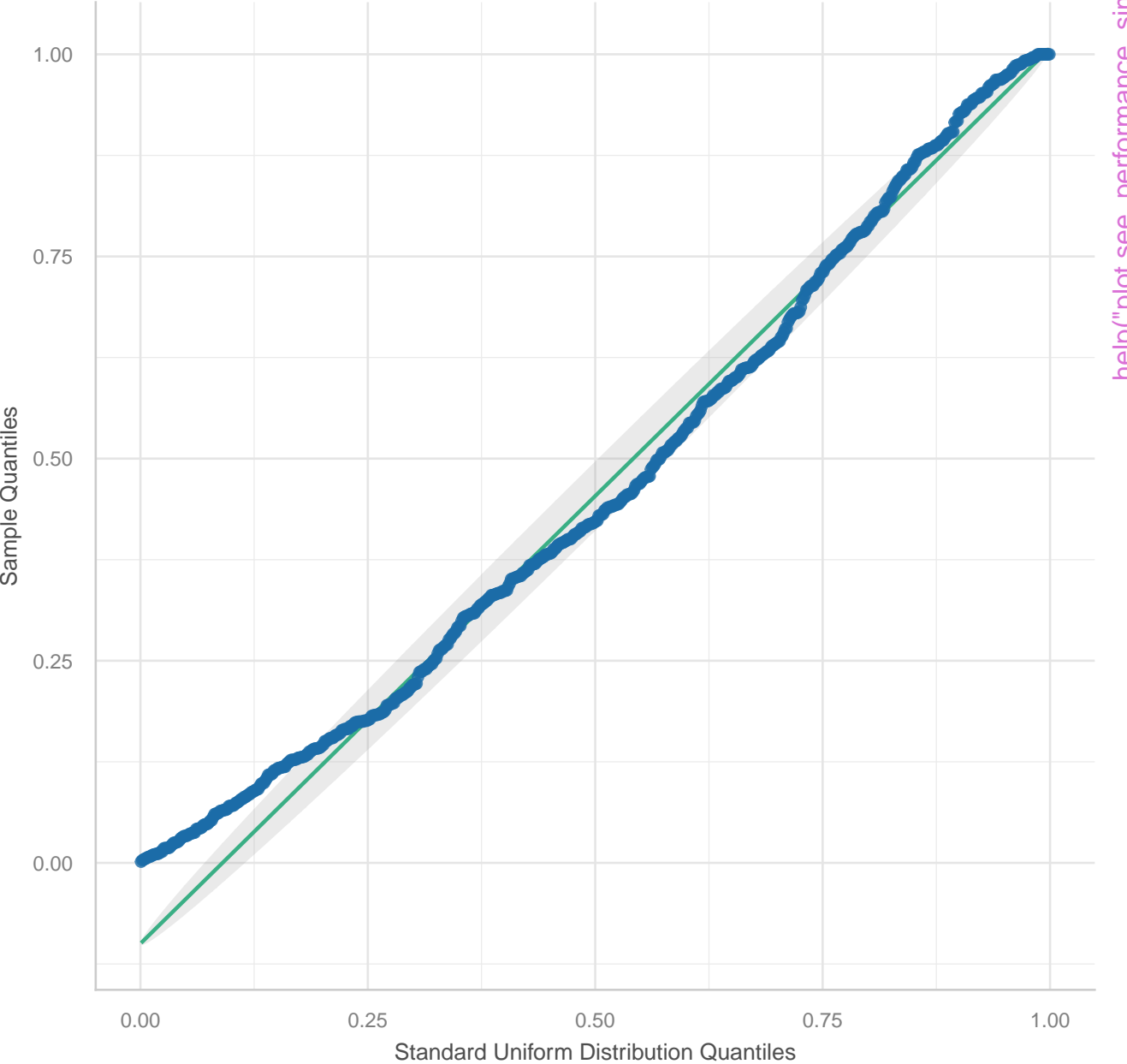


Distribution of Quantile Residuals
Dots should fall along the line

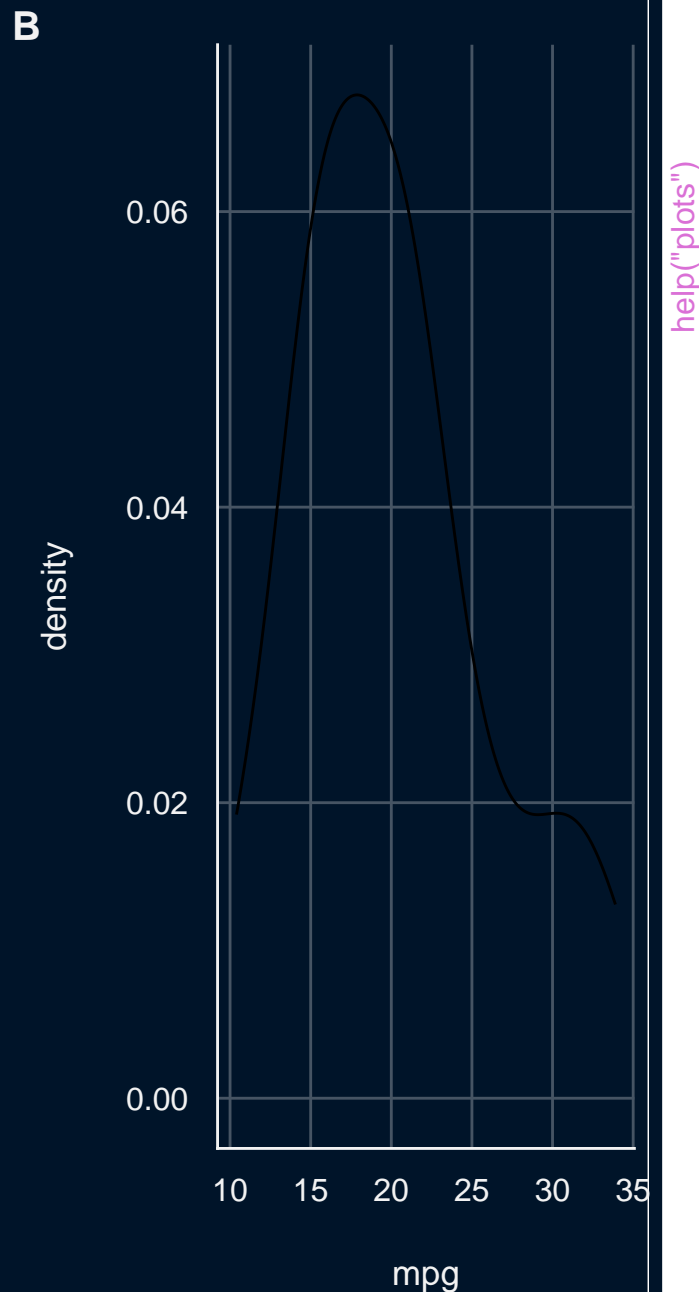
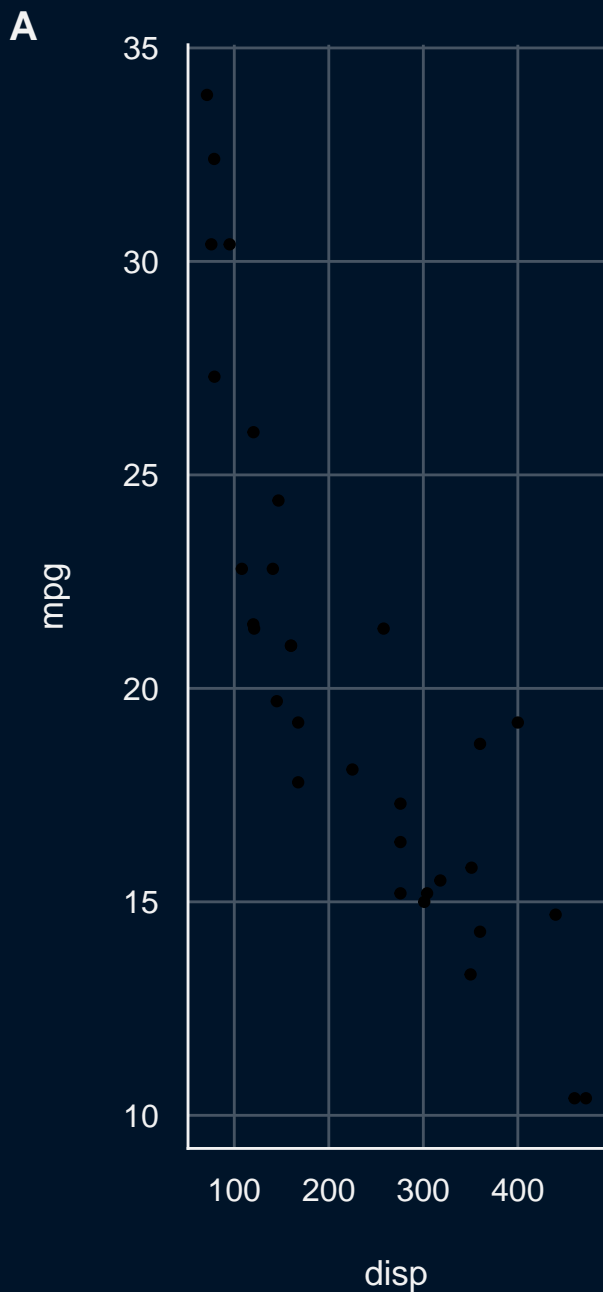


help("plot.see_performance_simres")

Distribution of Quantile Residuals
Dots should fall along the line



help("plot.see_performance_simres")



The surprising truth about mtcars

Fig. 1

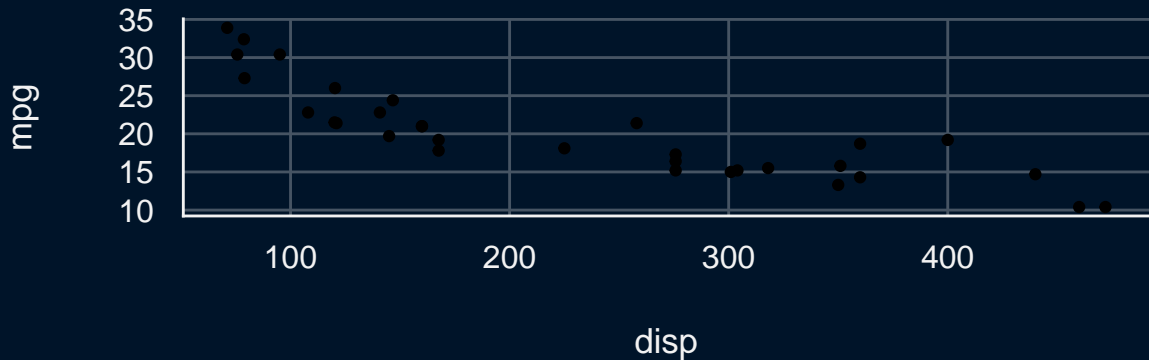


Fig. 2

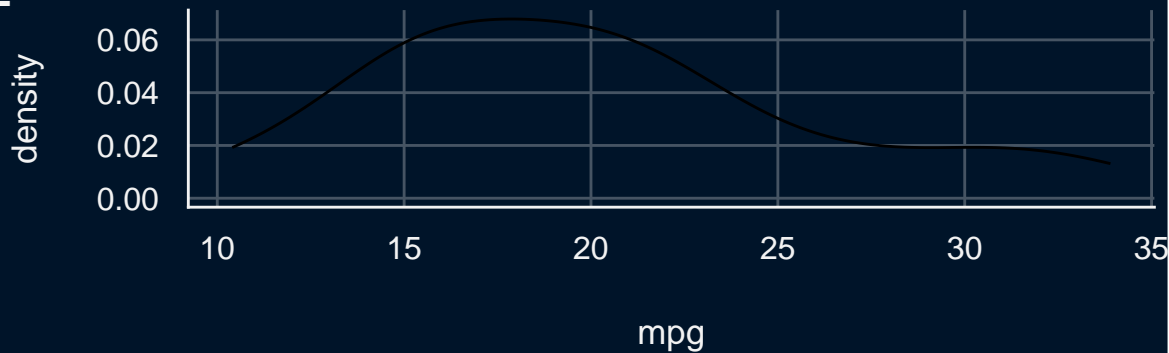
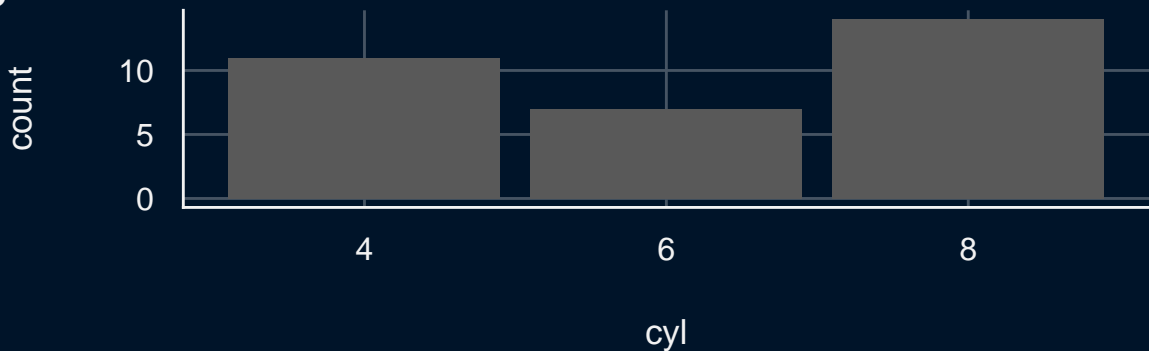


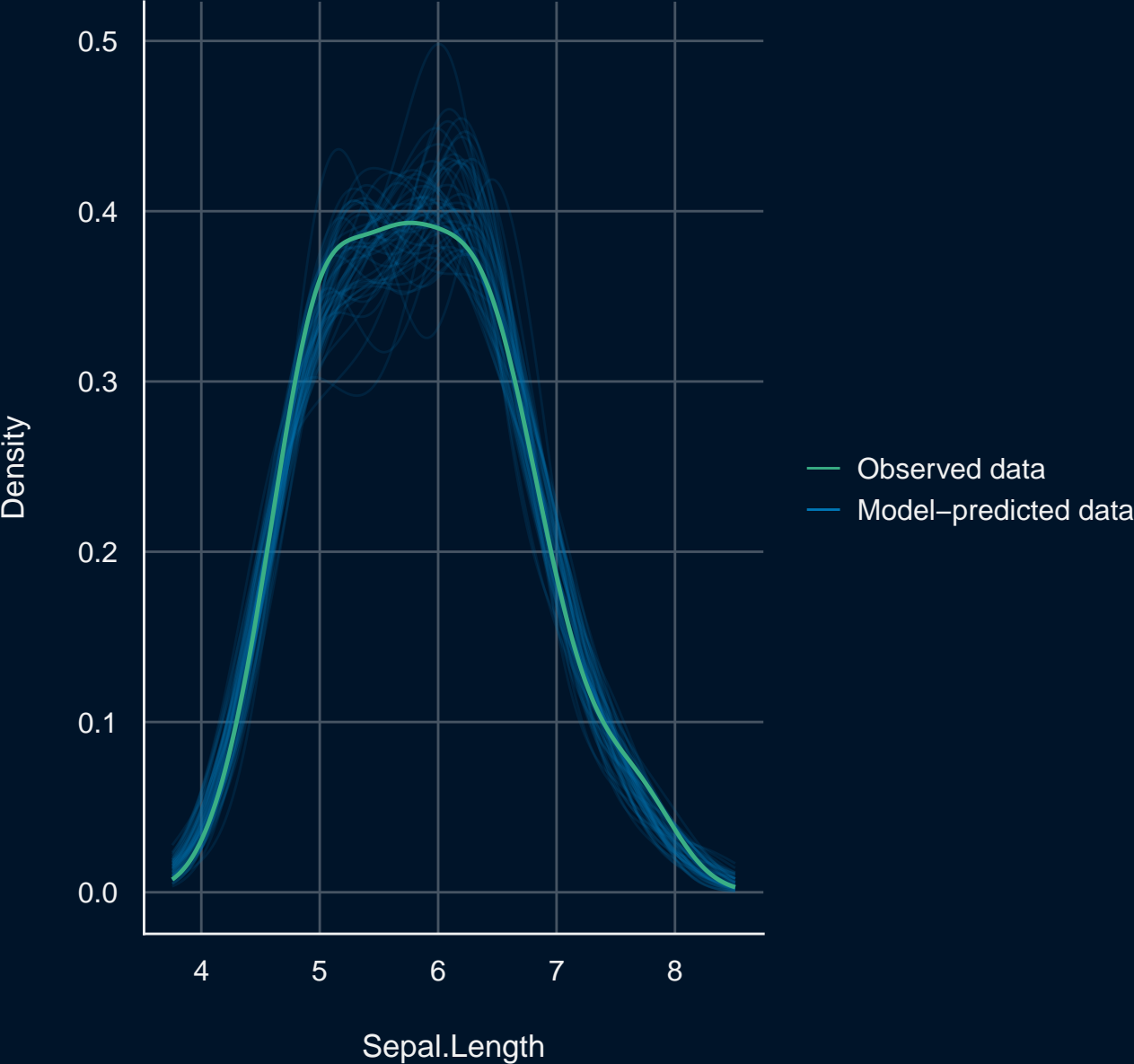
Fig. 3



help("plots")

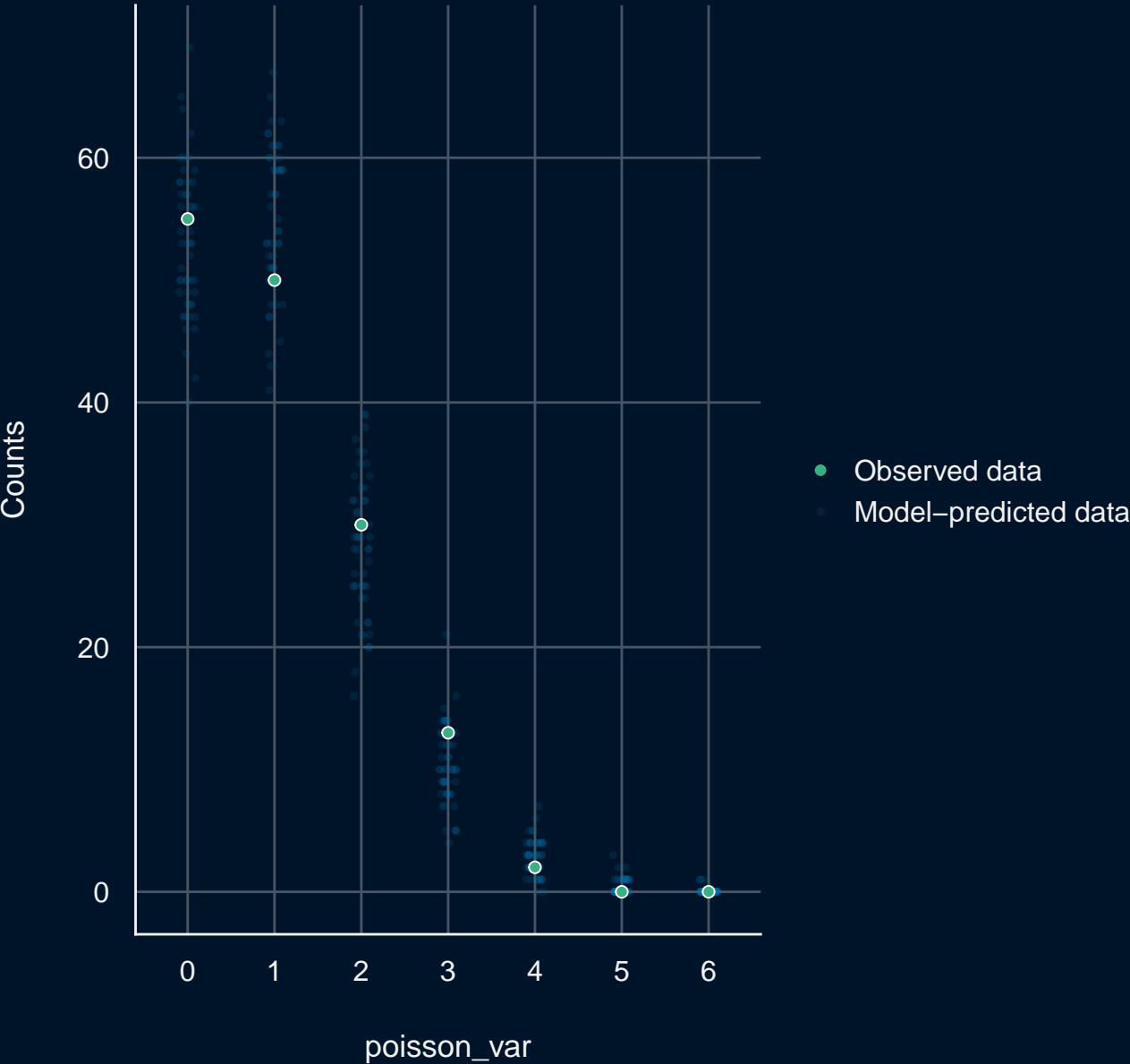
Posterior Predictive Check

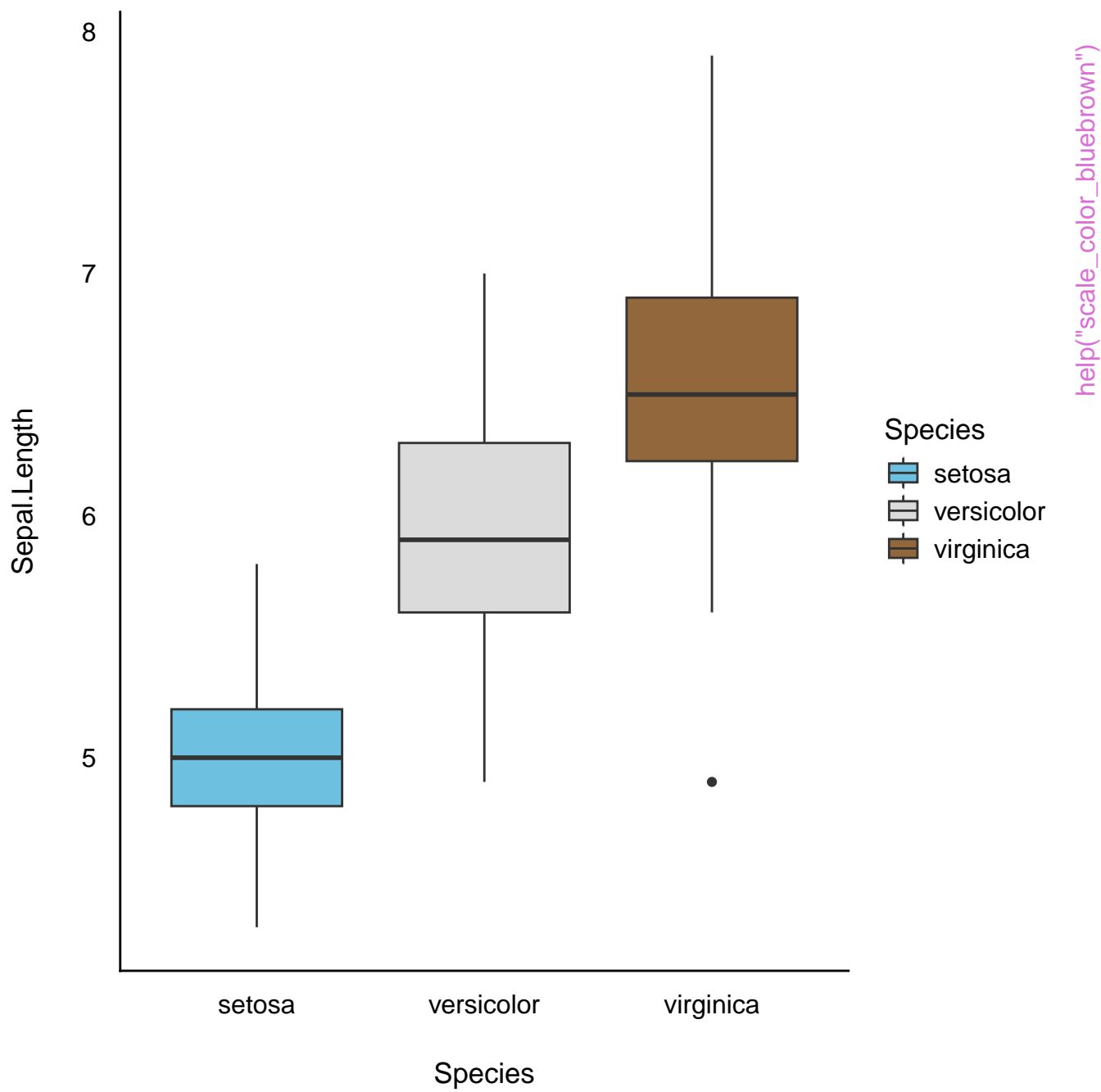
Model-predicted lines should resemble observed data line

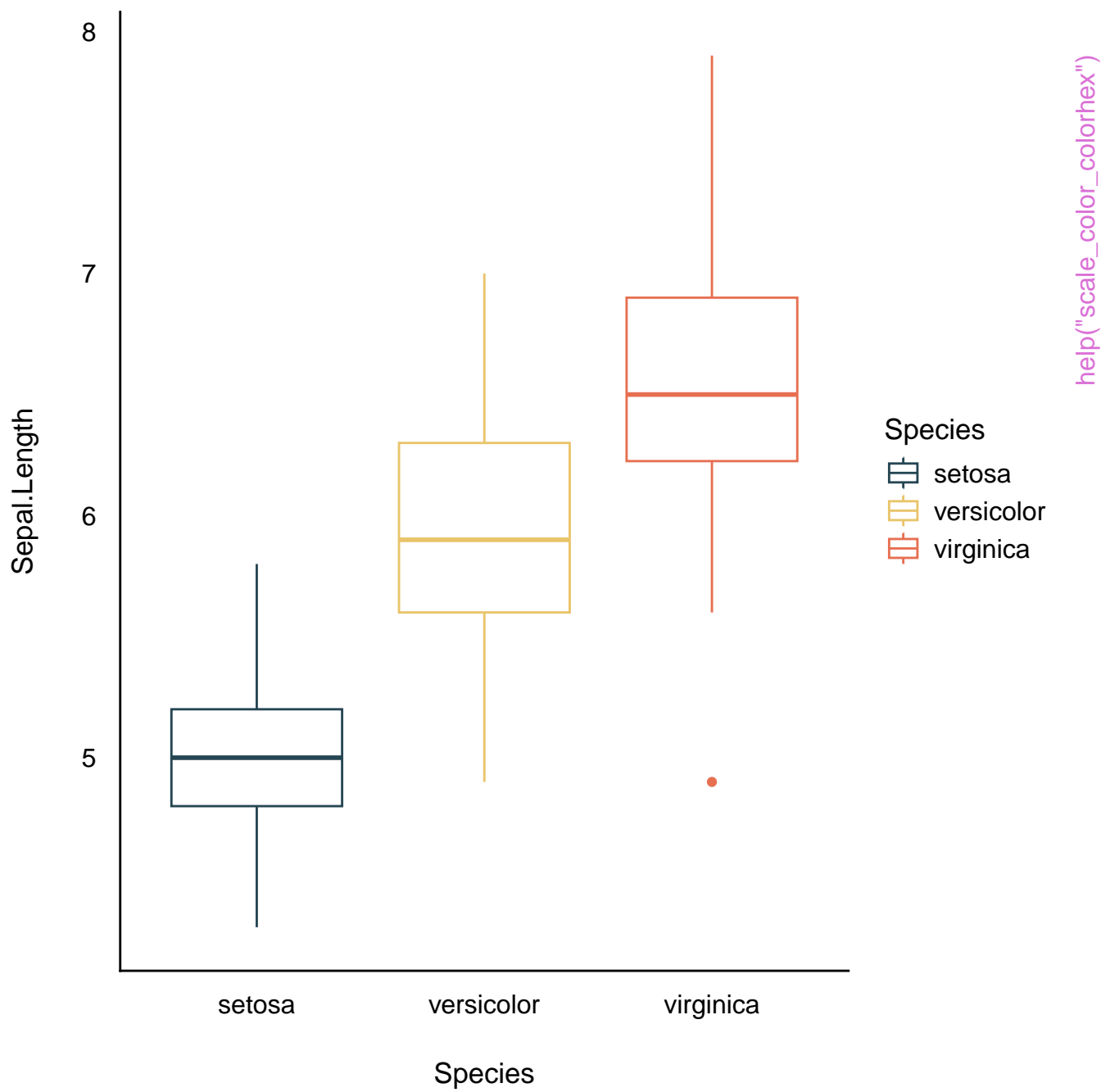


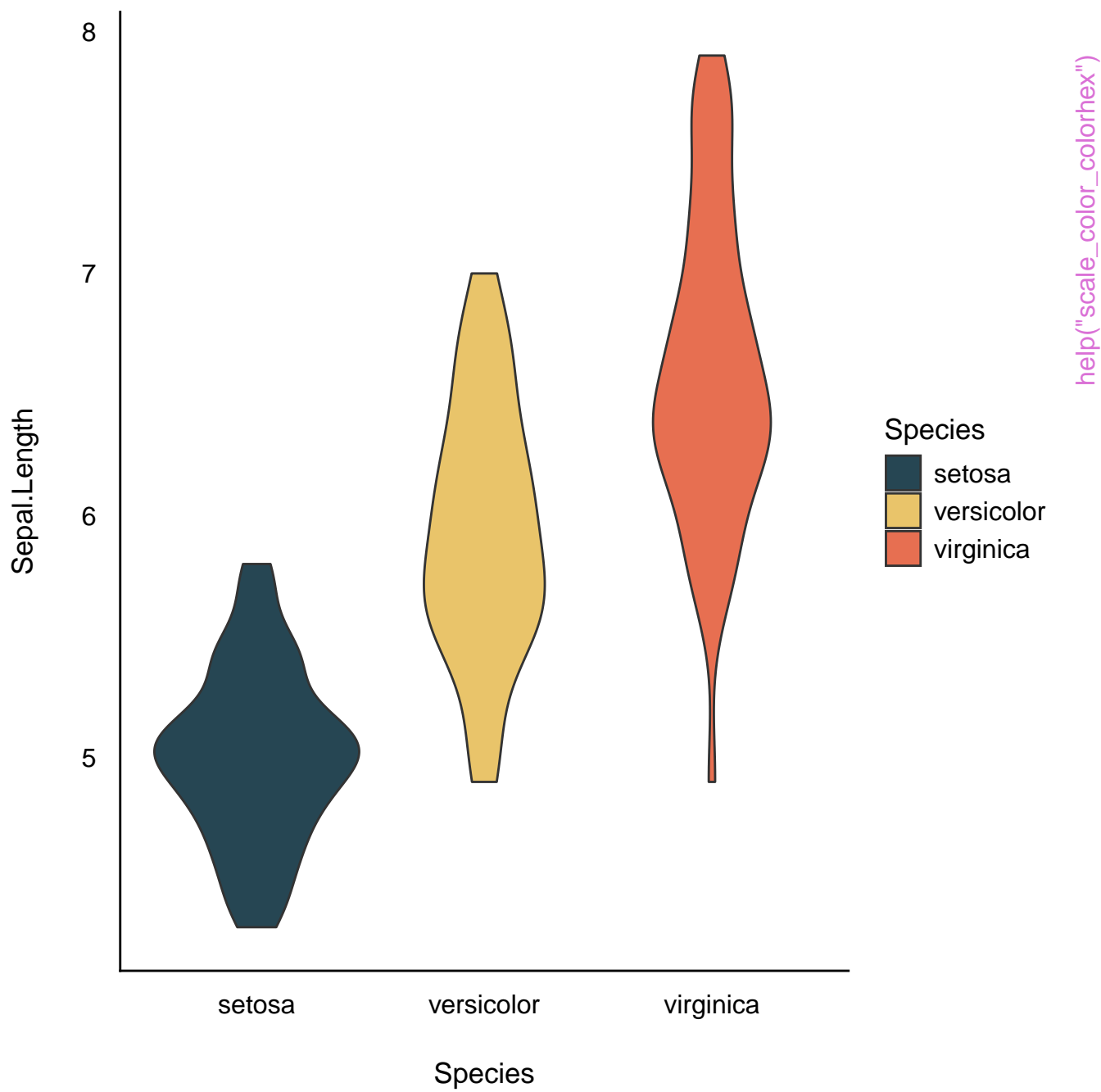
Posterior Predictive Check

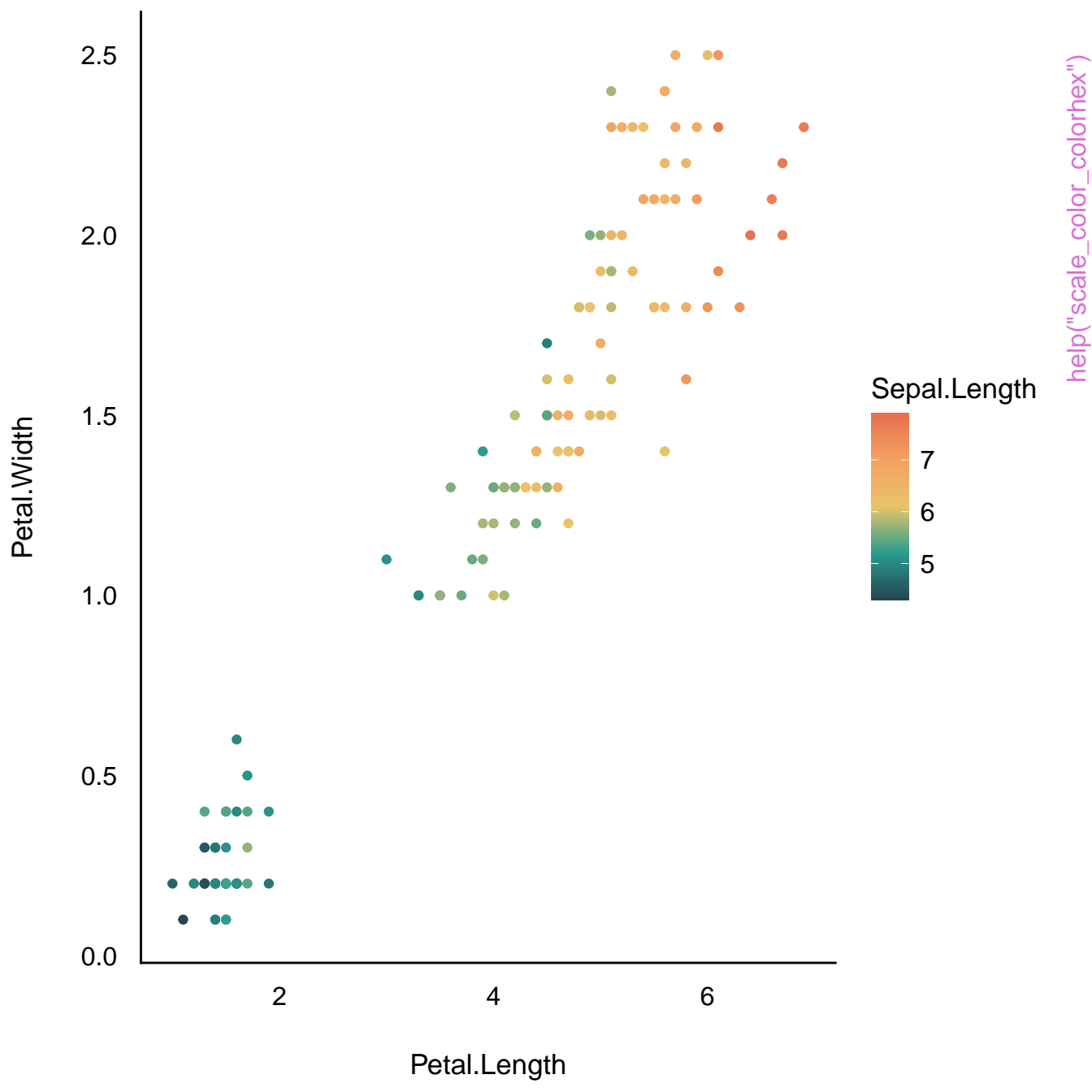
Model-predicted points should be close to observed data points

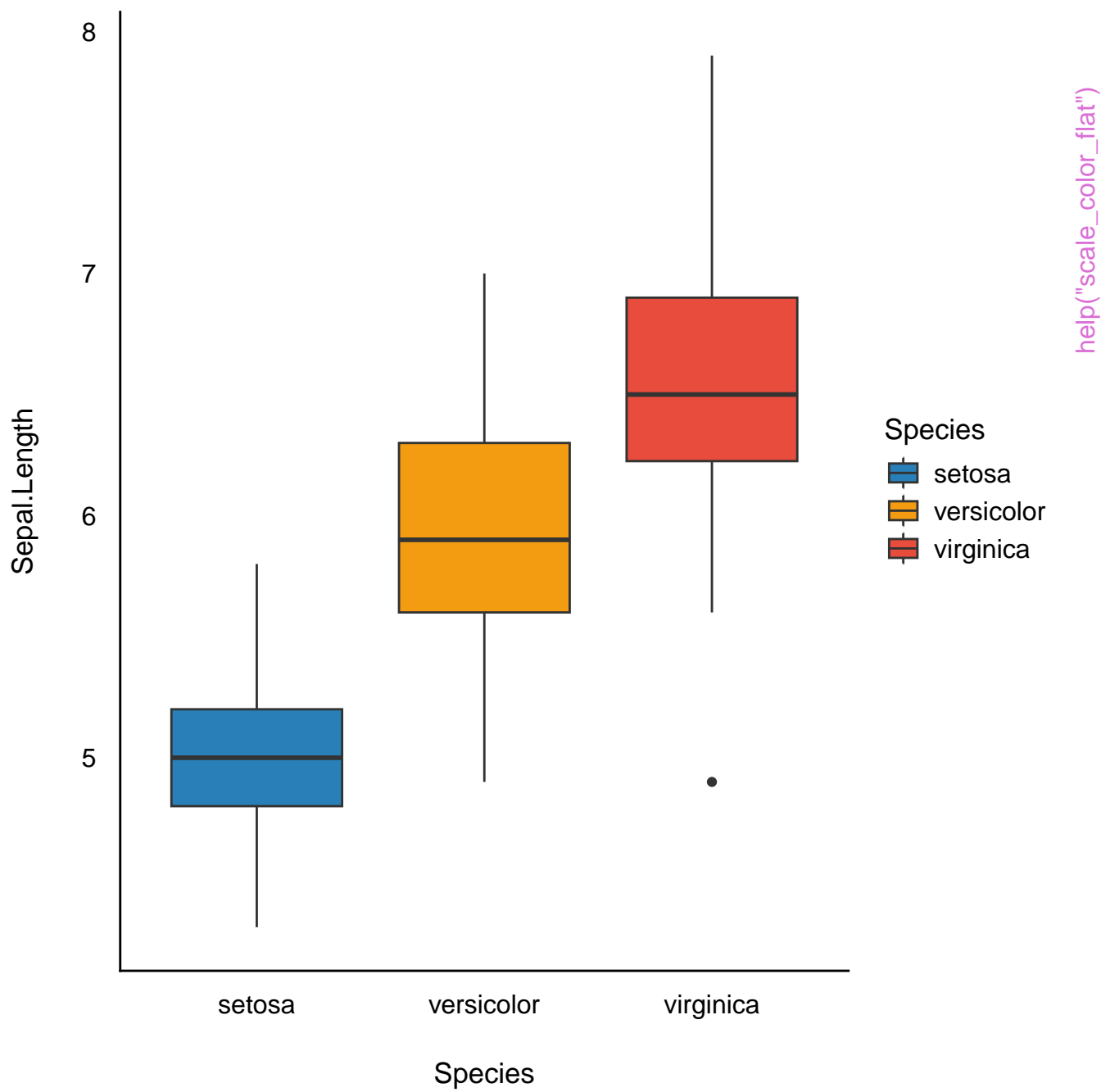


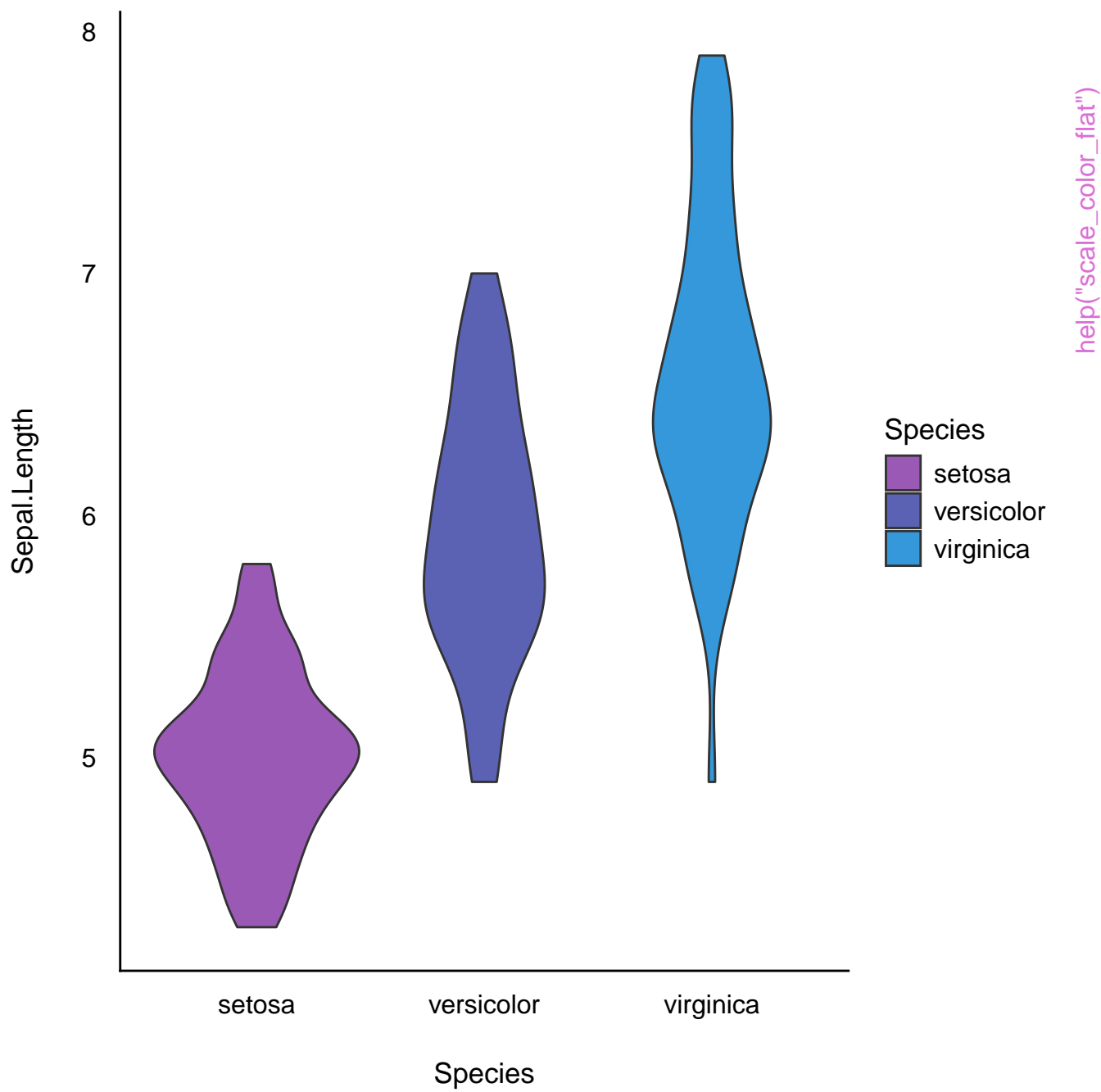












Petal.Width

2.5
2.0
1.5
1.0
0.5
0.0

2

4

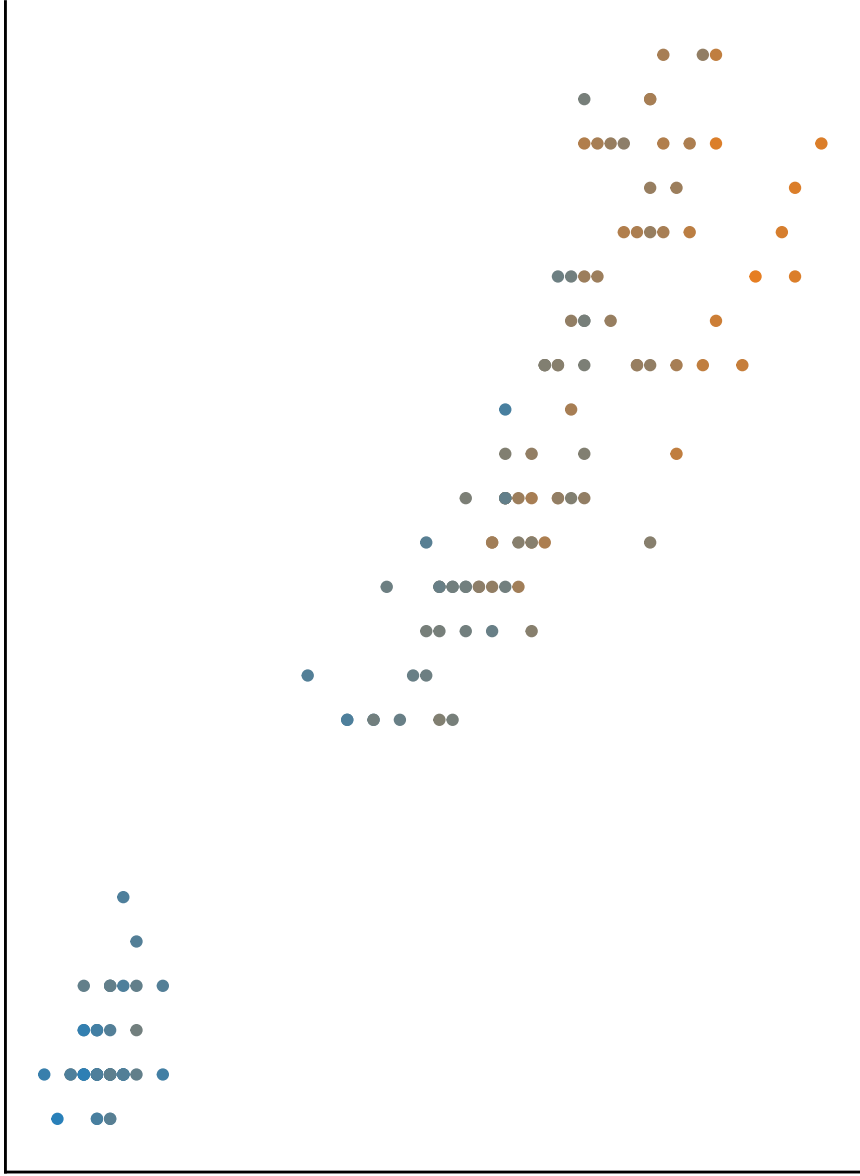
6

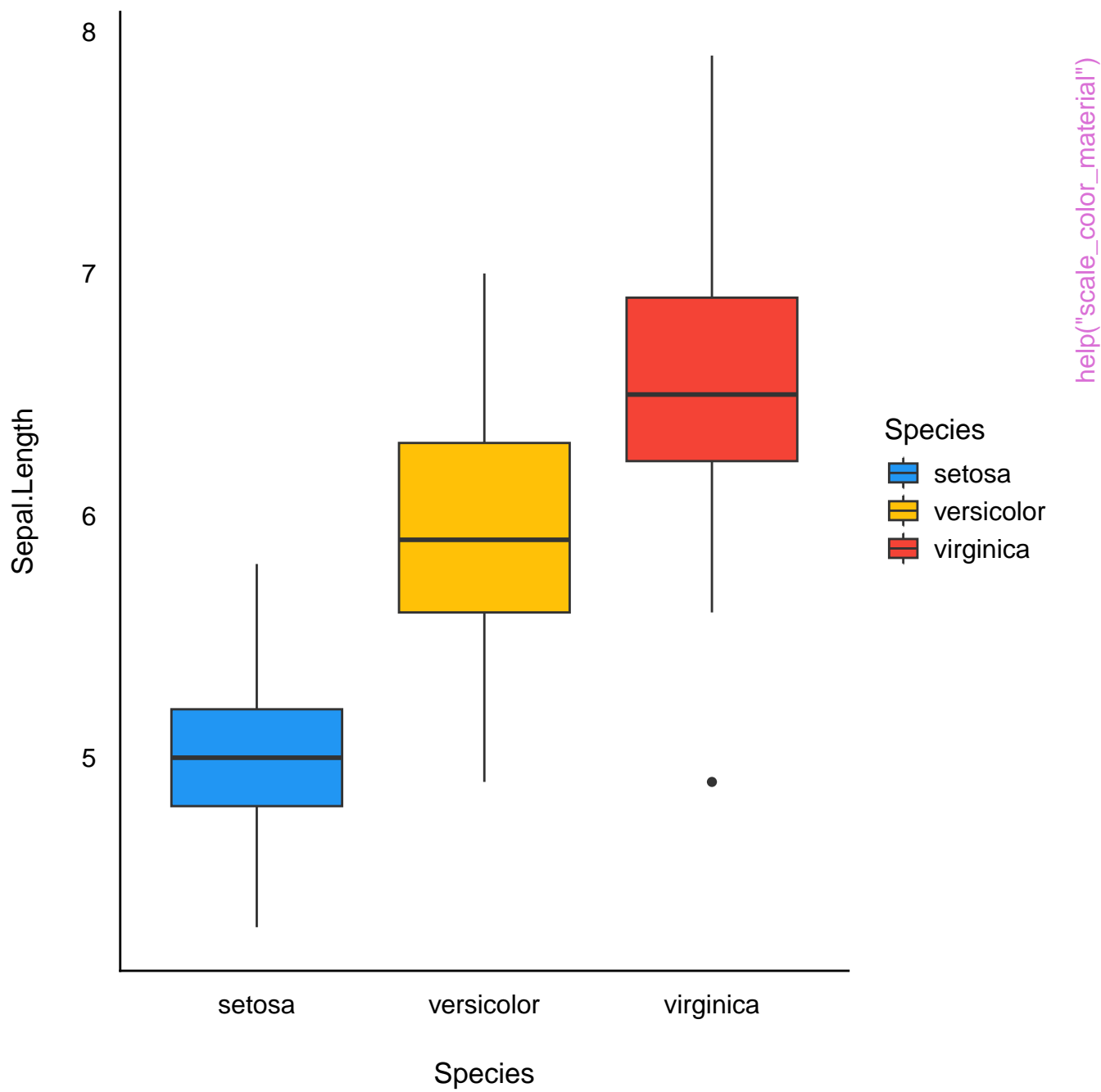
Petal.Length

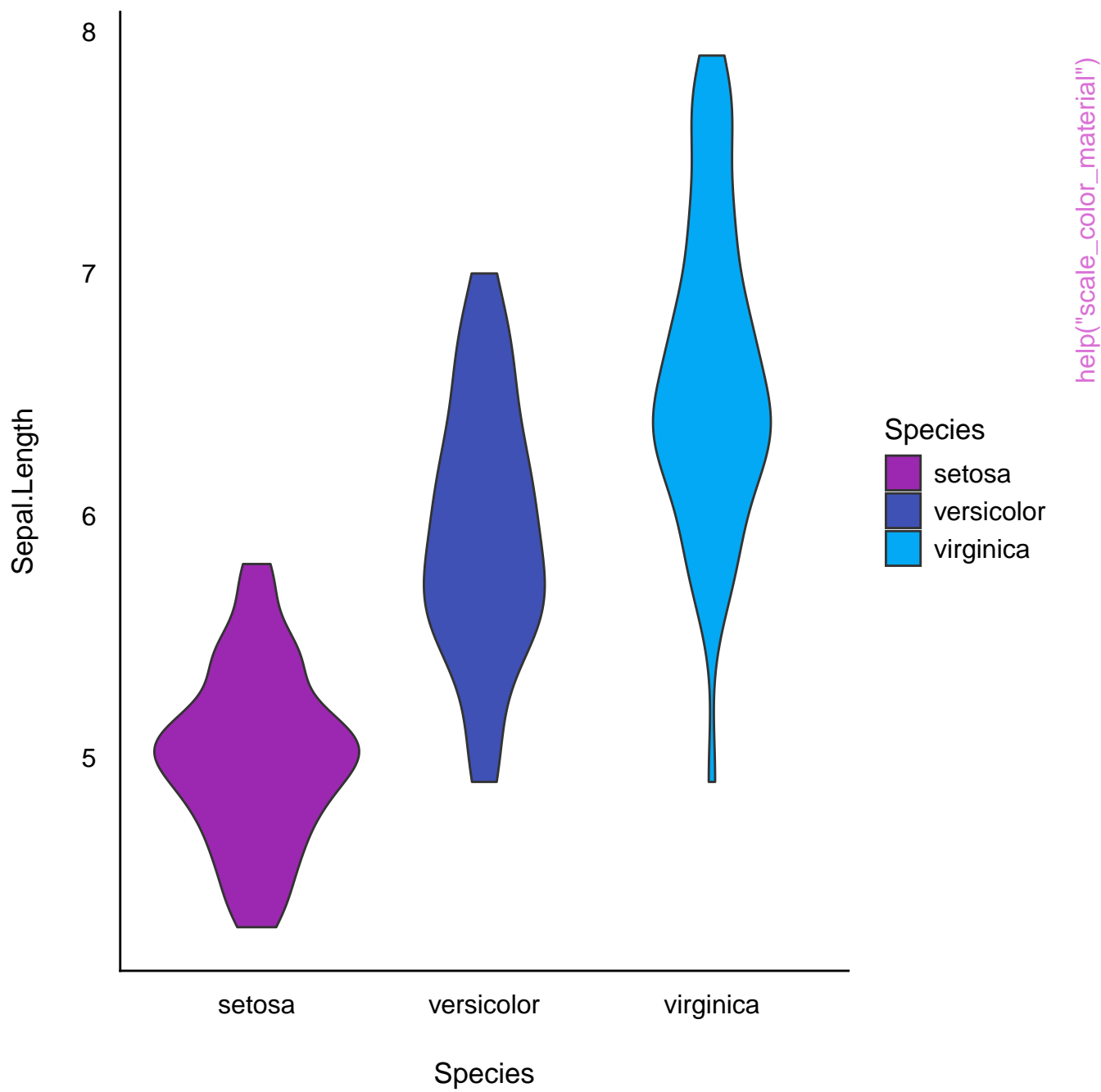
Sepal.Length

7
6
5

help("scale_color_flat")







Petal.Width

2.5
2.0
1.5
1.0
0.5
0.0

2

4

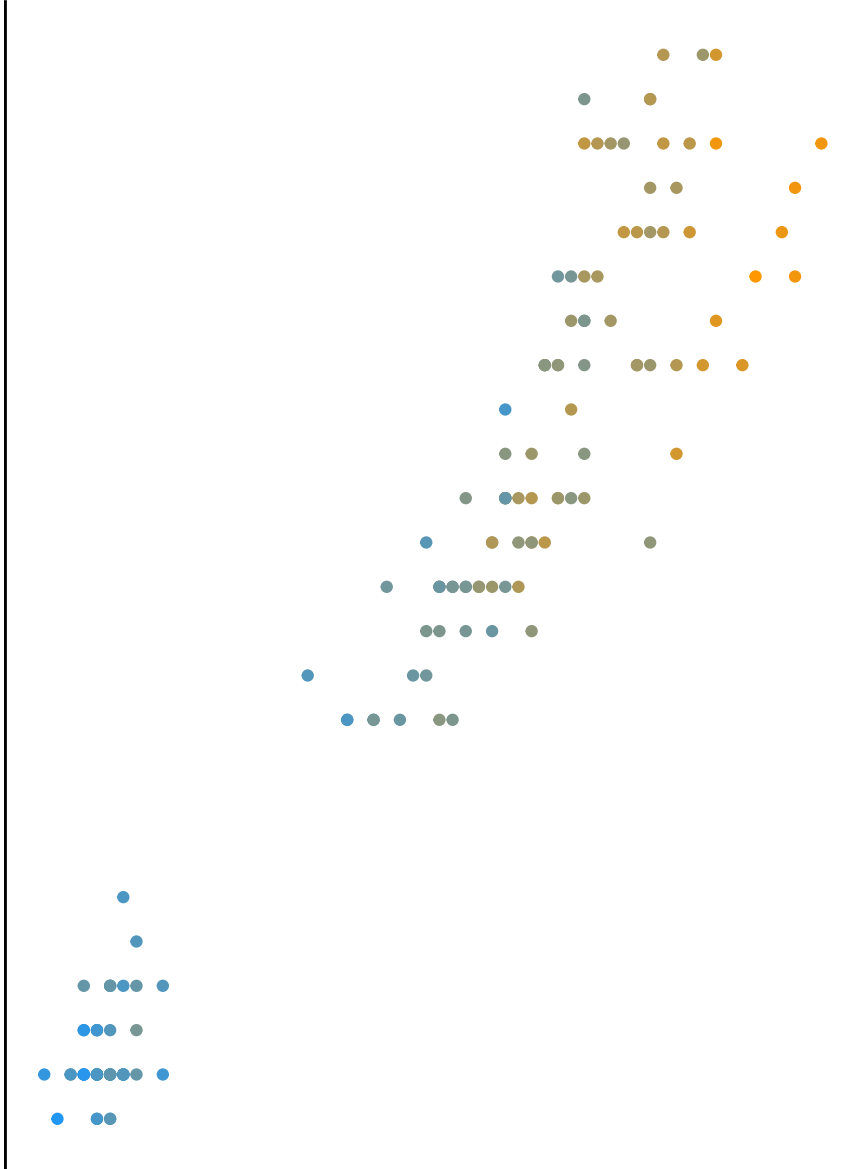
6

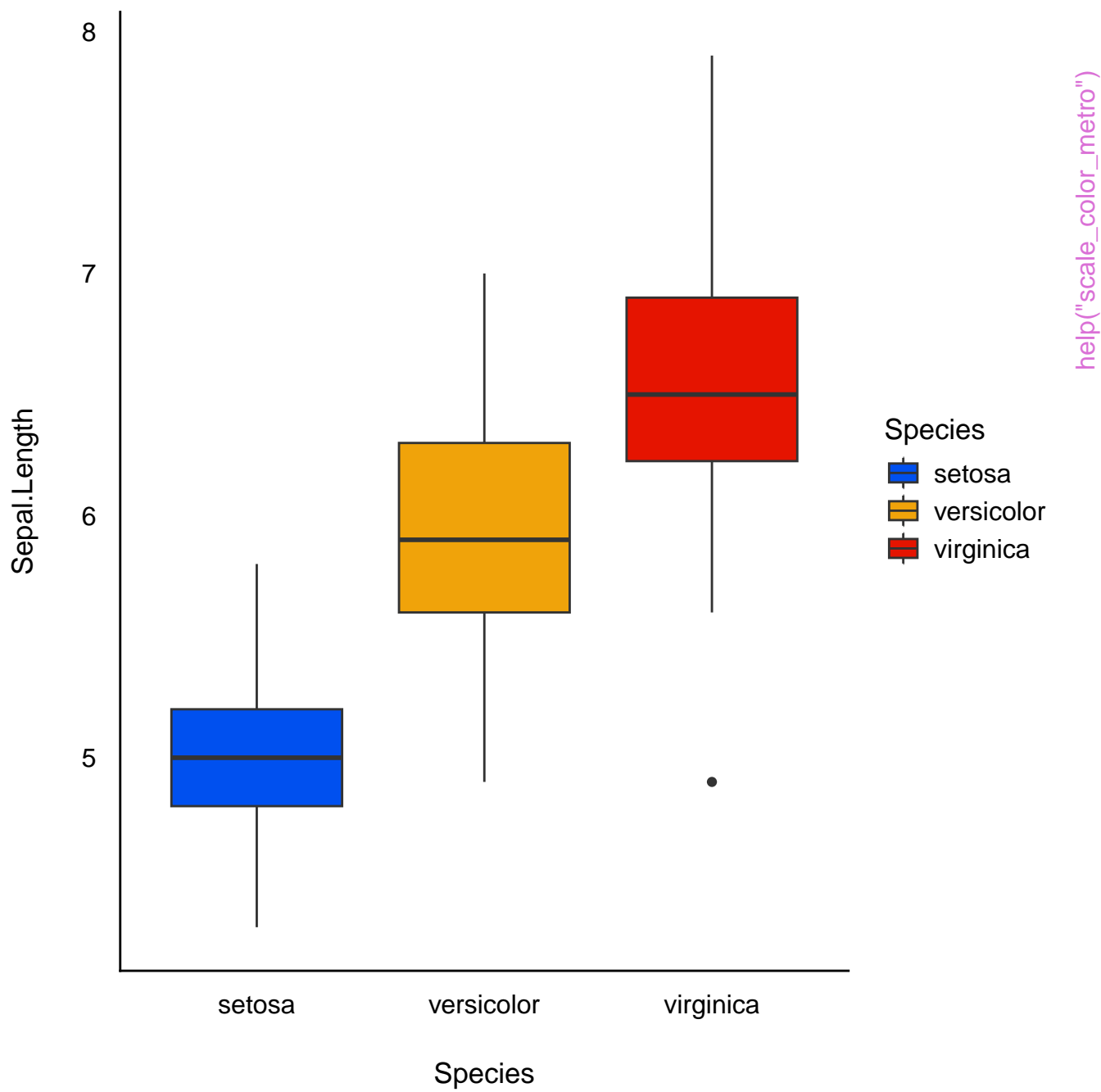
Petal.Length

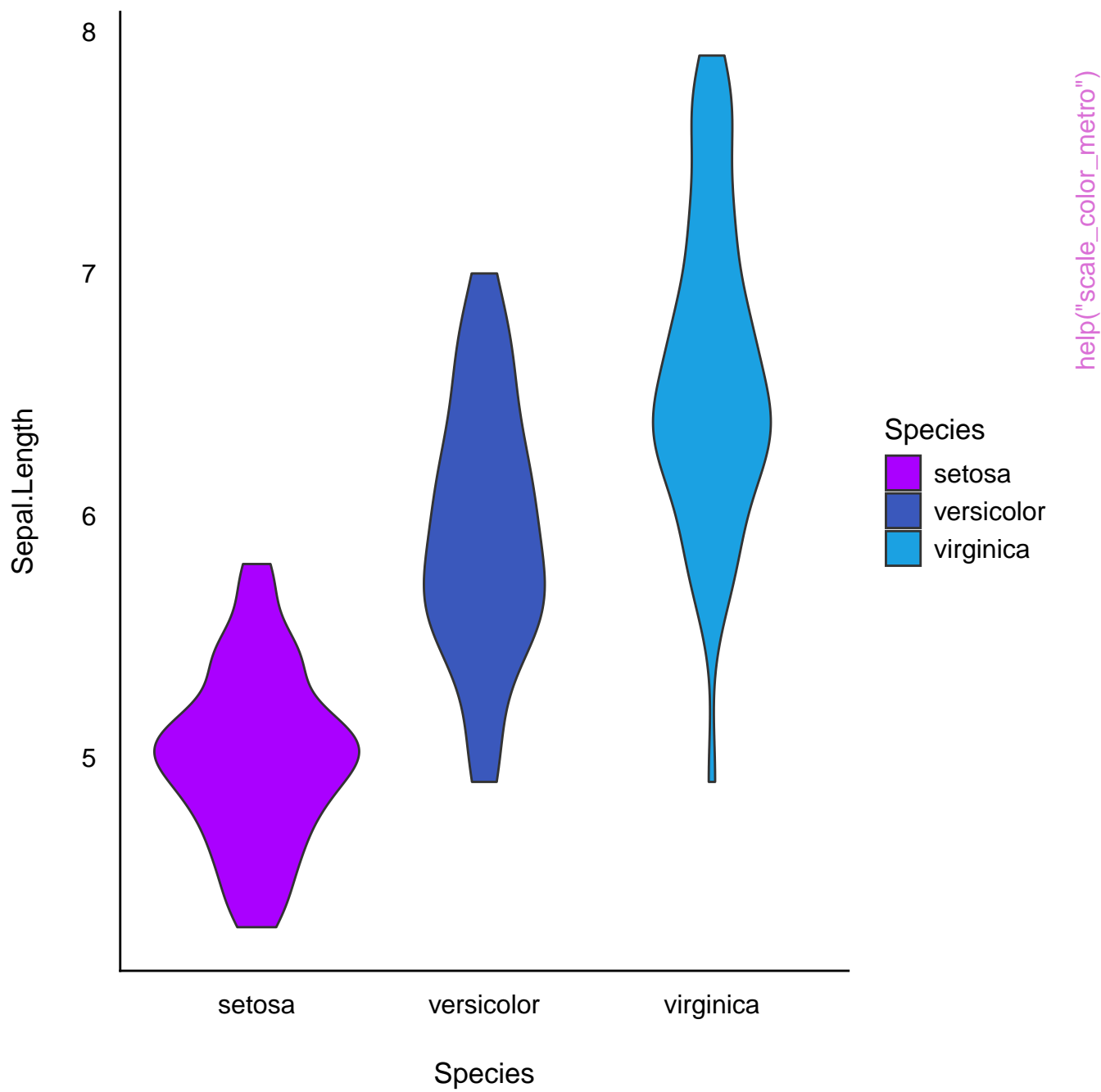
Sepal.Length

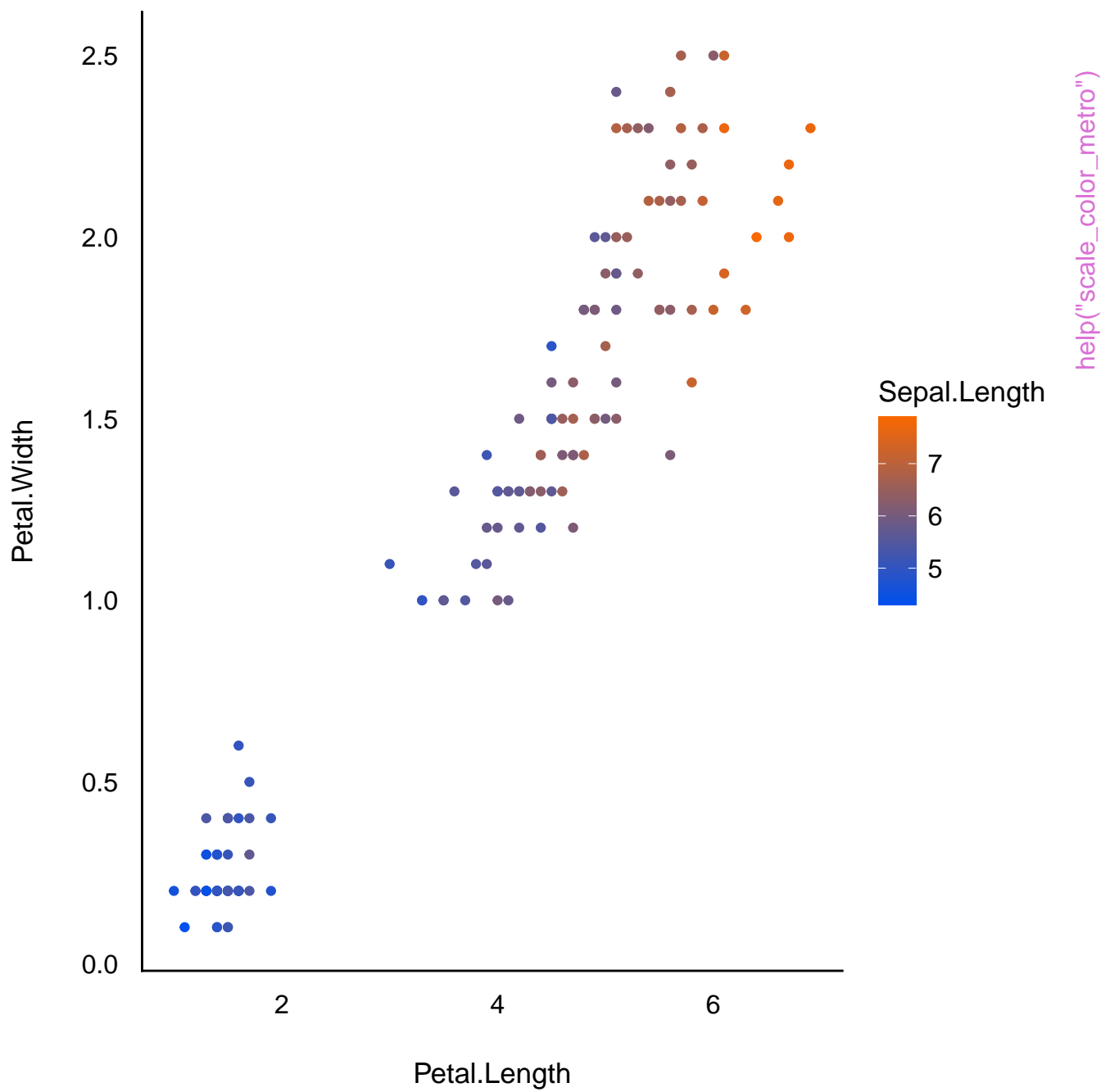
7
6
5

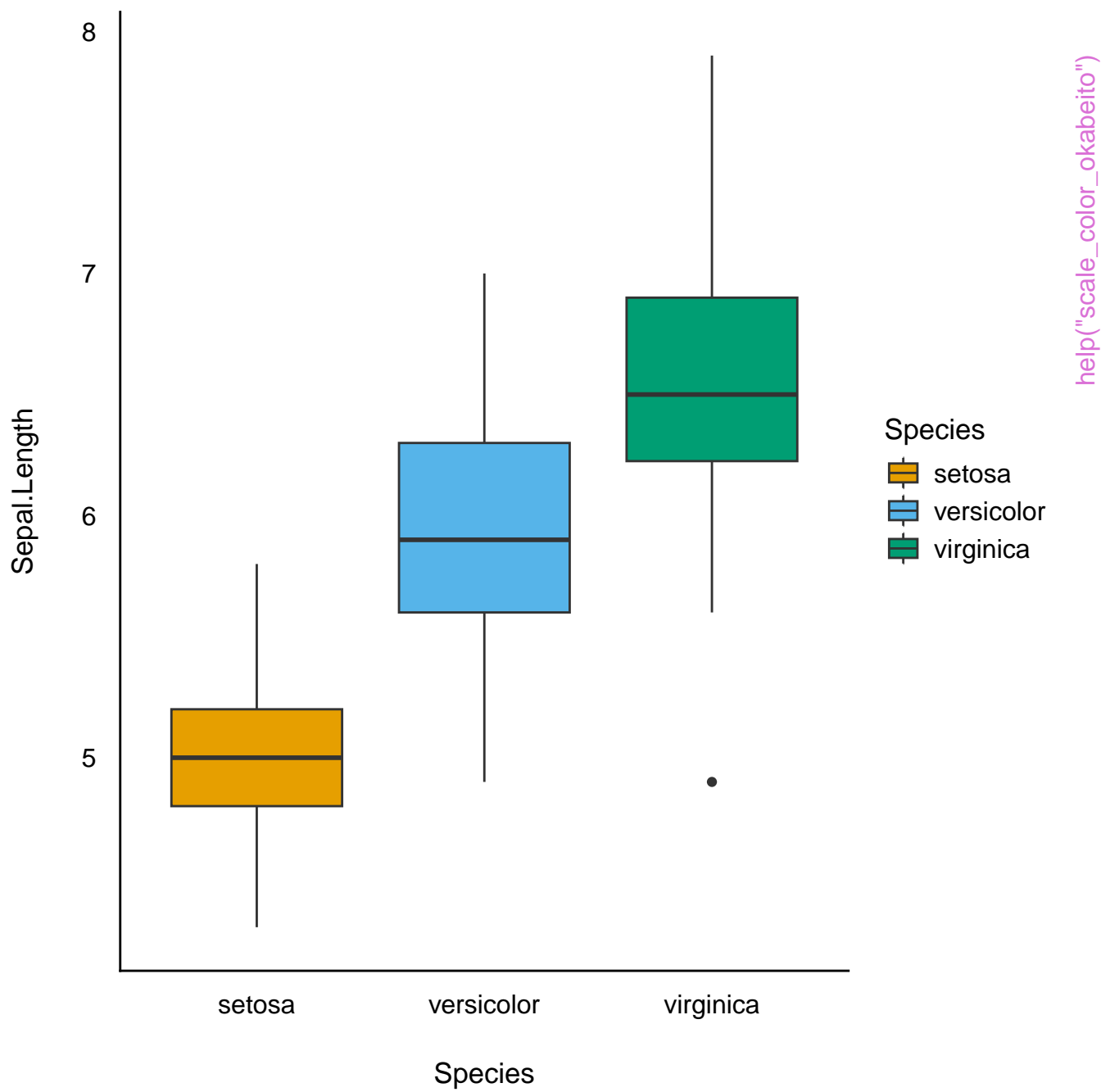
help("scale_color_material")

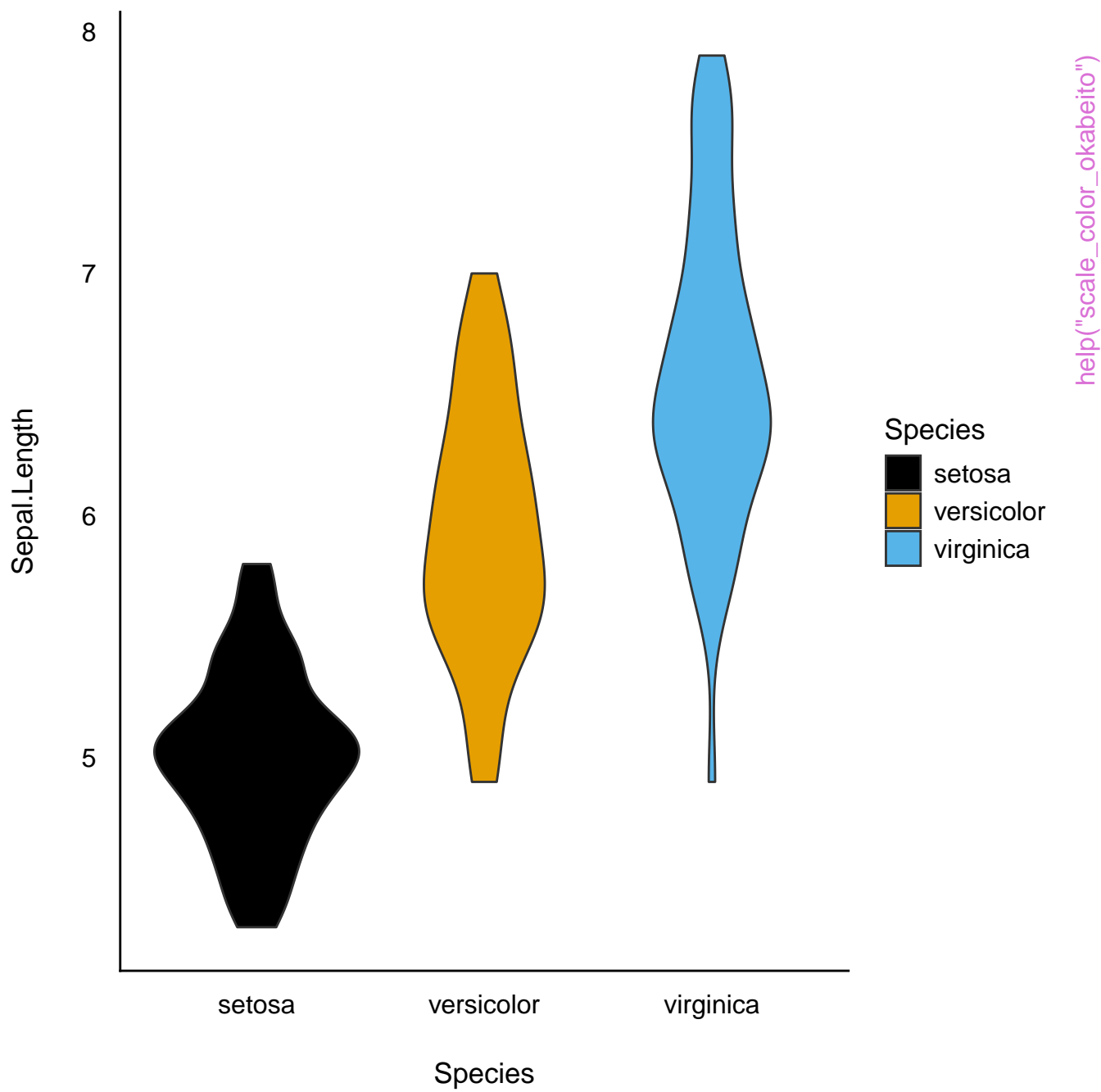


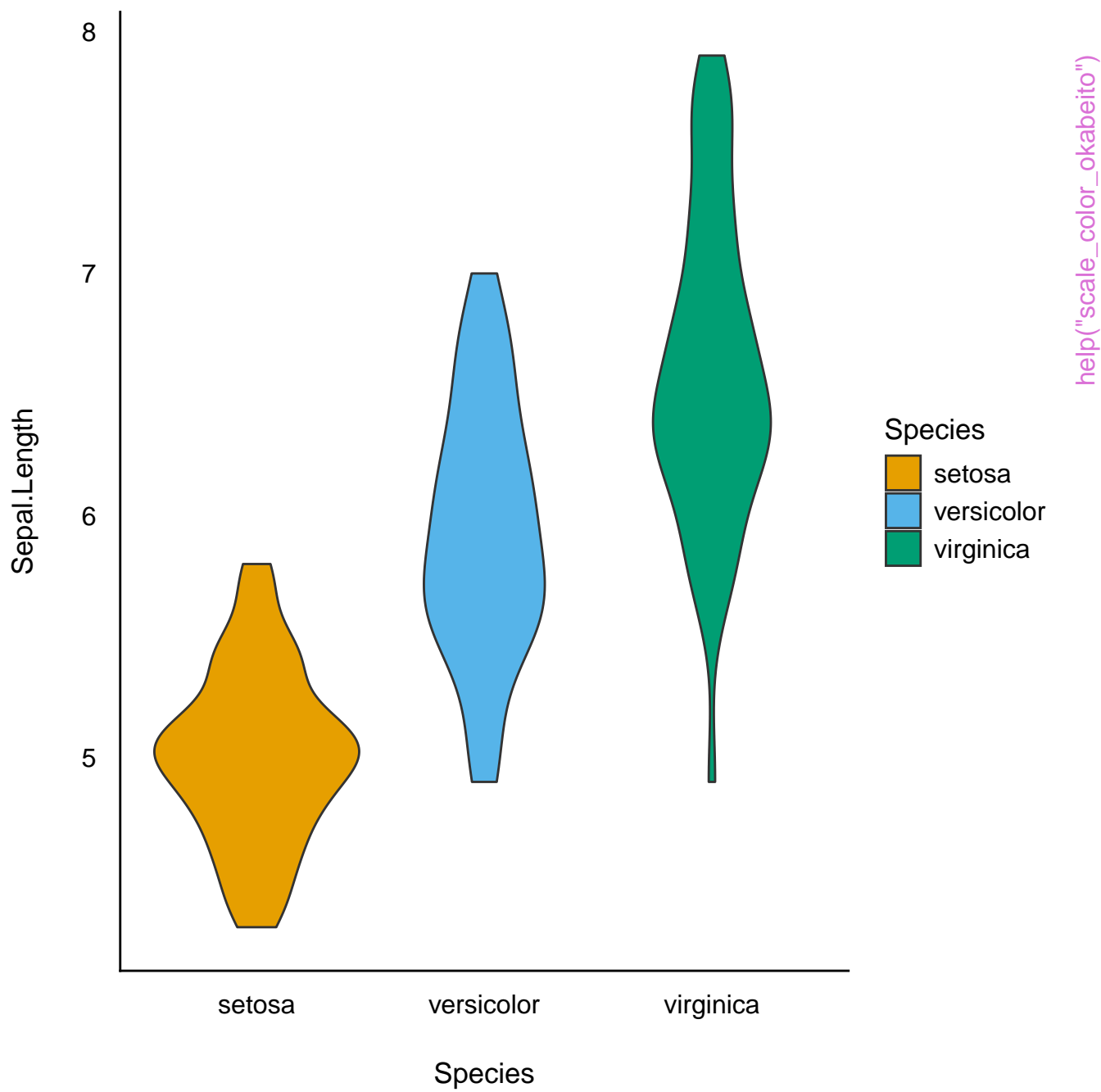


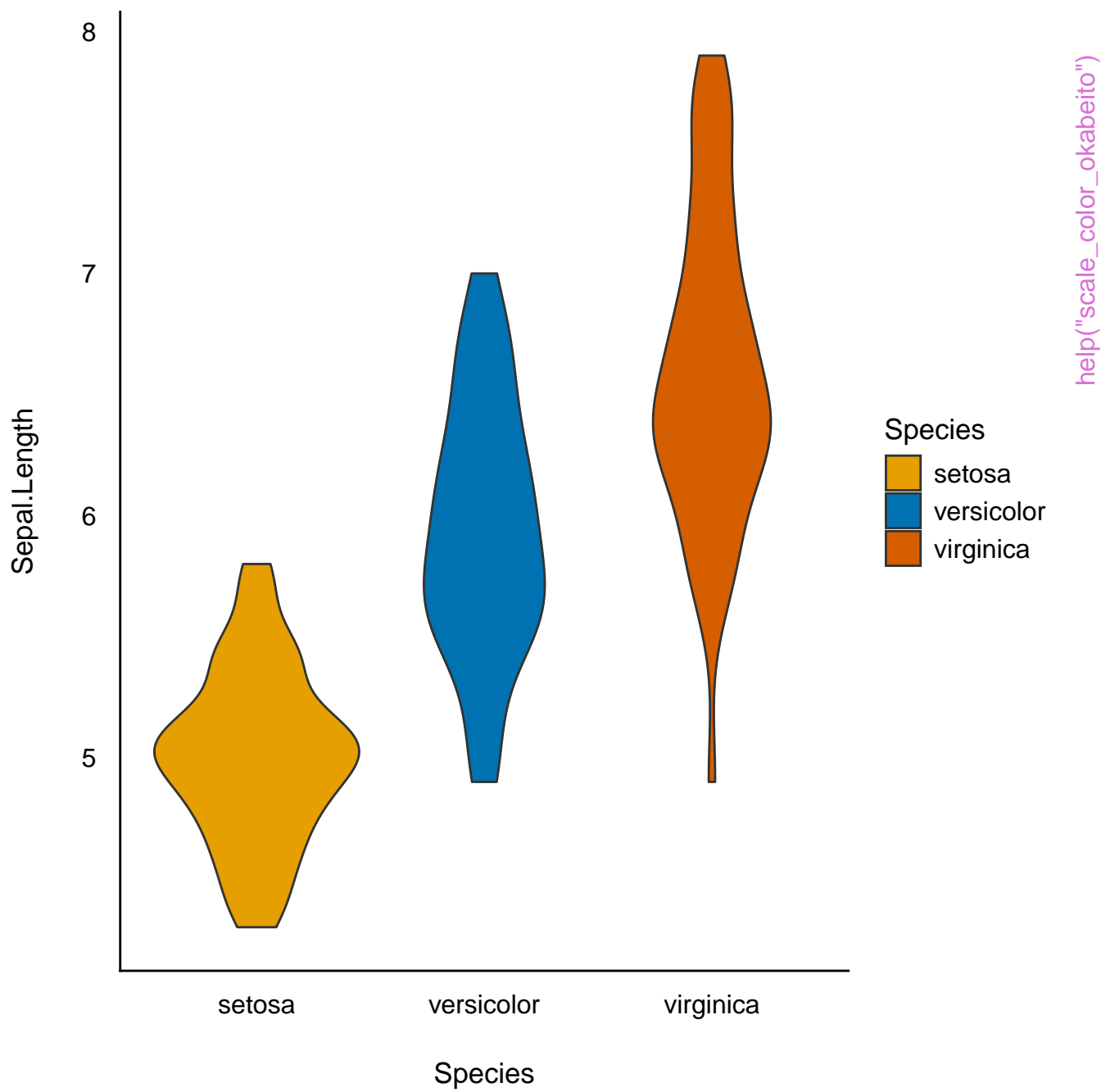


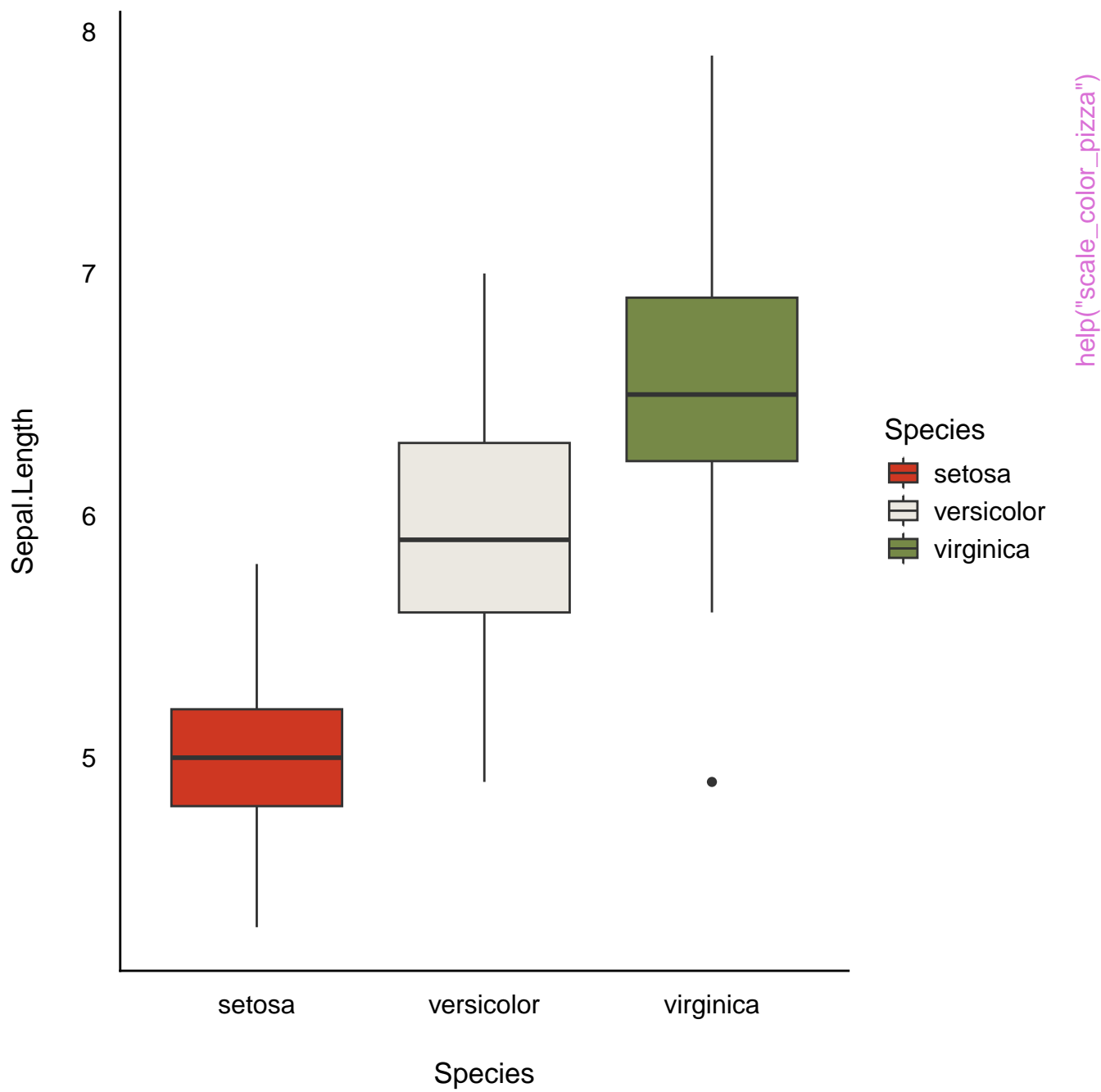












Petal.Width

2.5
2.0
1.5
1.0
0.5
0.0

2

4

6

Petal.Length

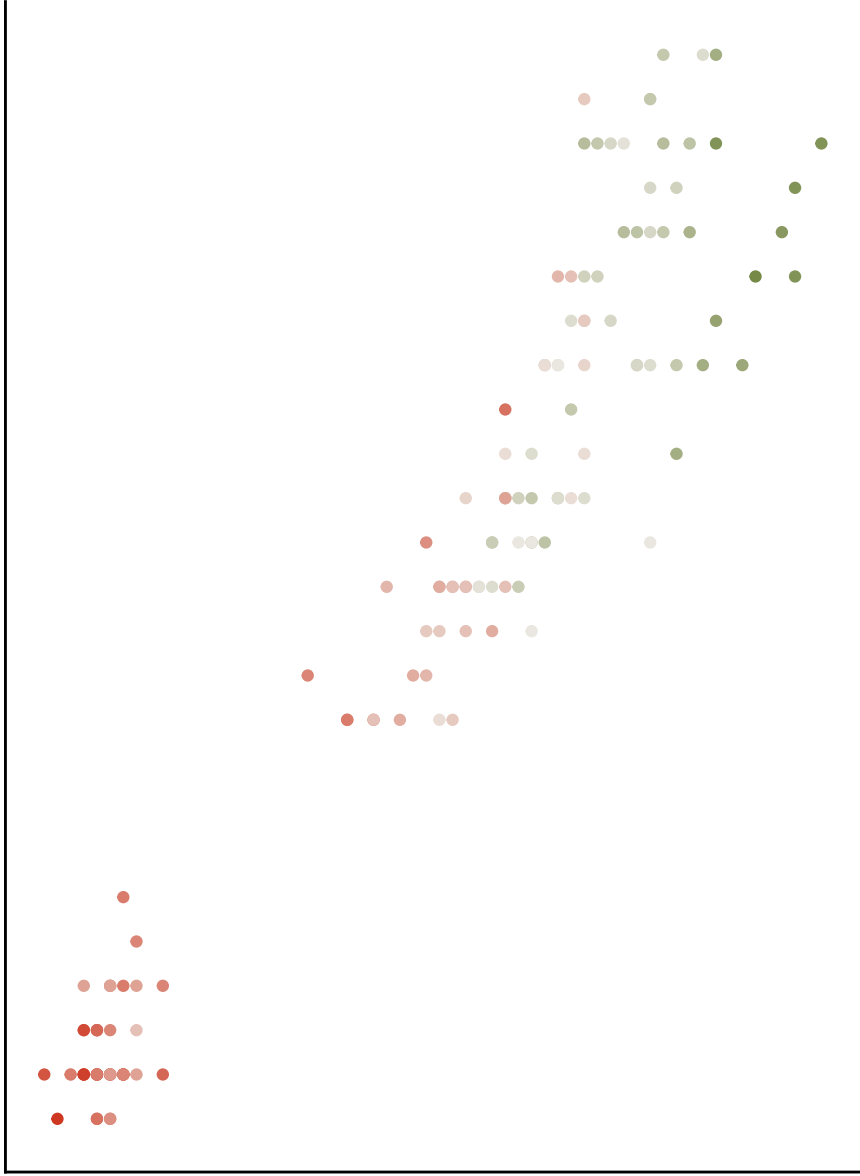
Sepal.Length

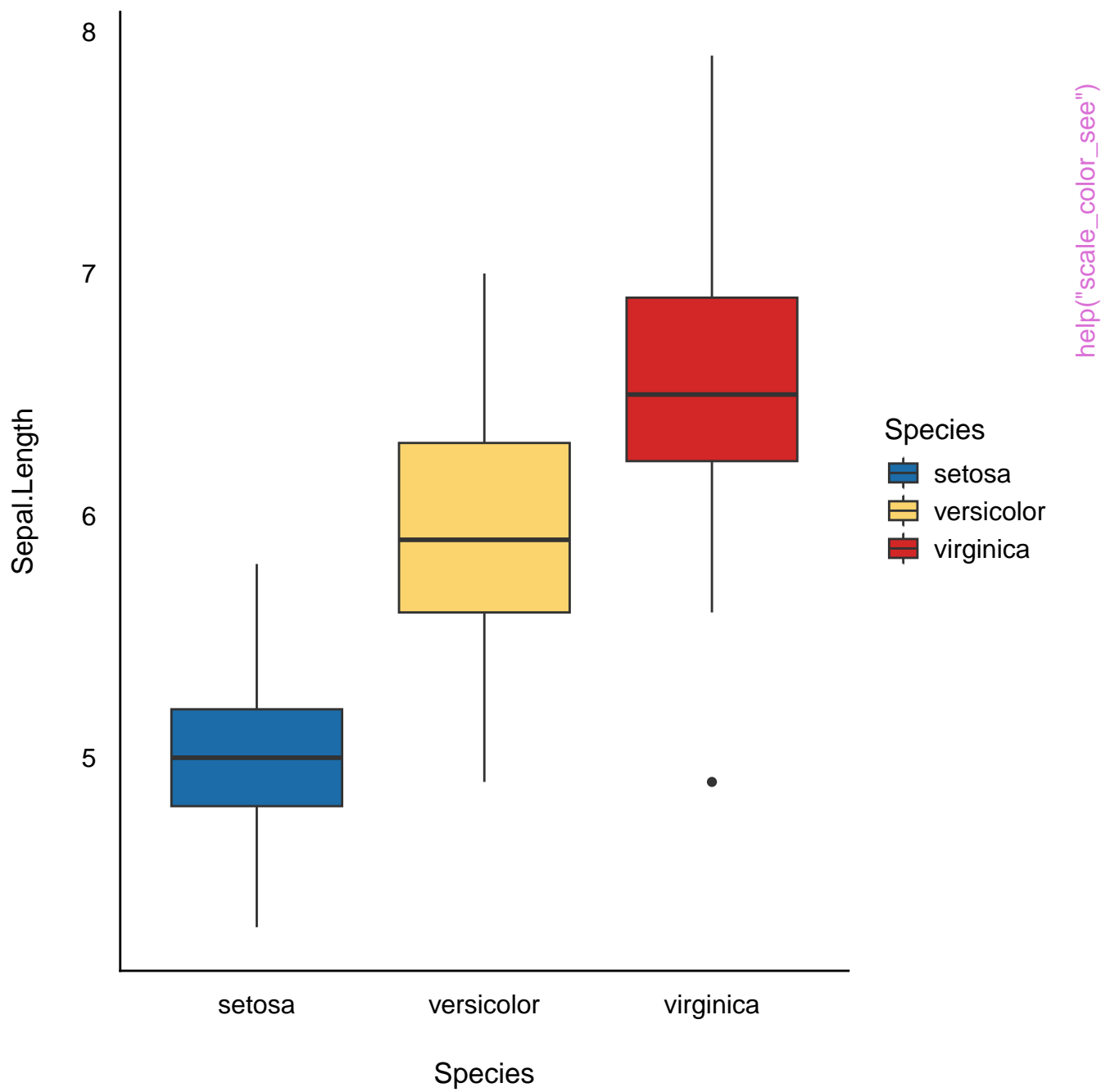
7

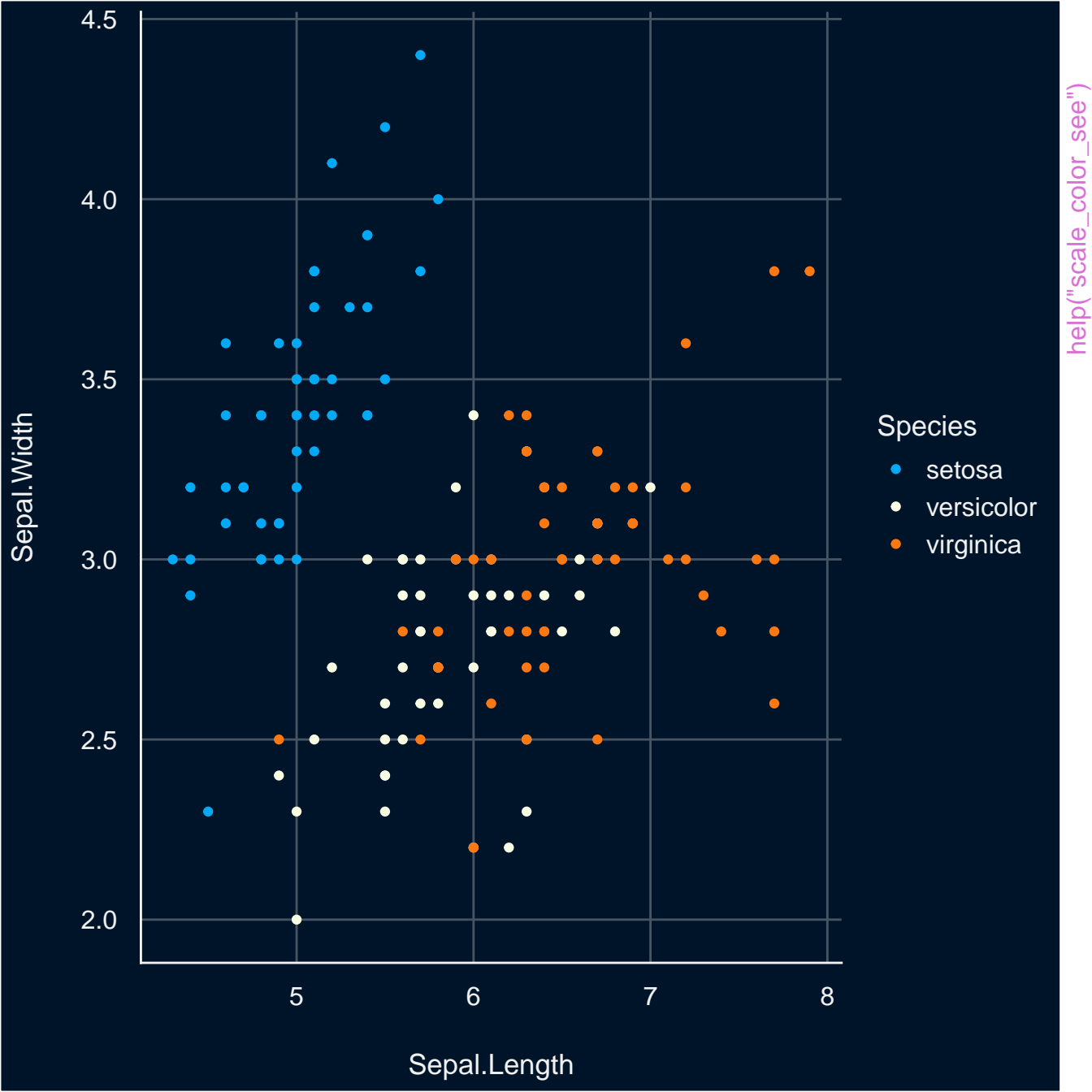
6

5

help("scale_color_pizza")







Petal.Width

2.5
2.0
1.5
1.0
0.5
0.0

2

4

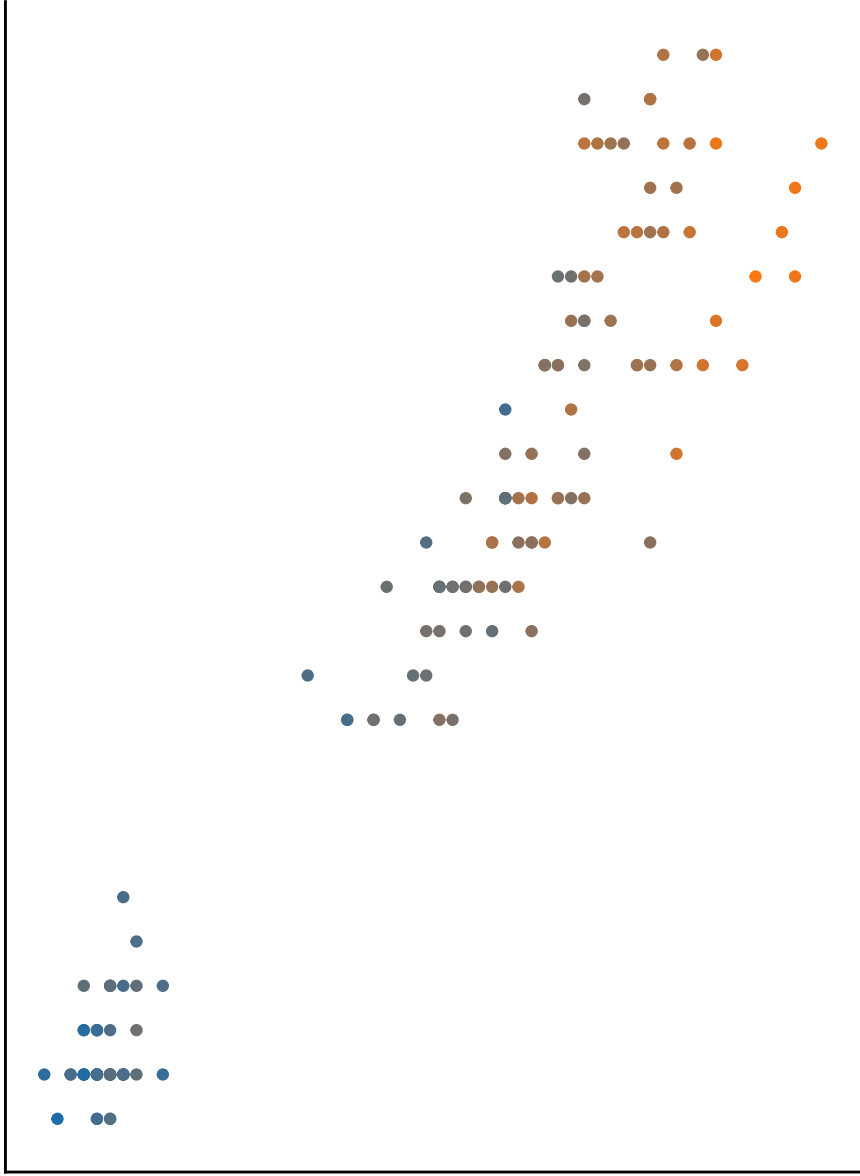
6

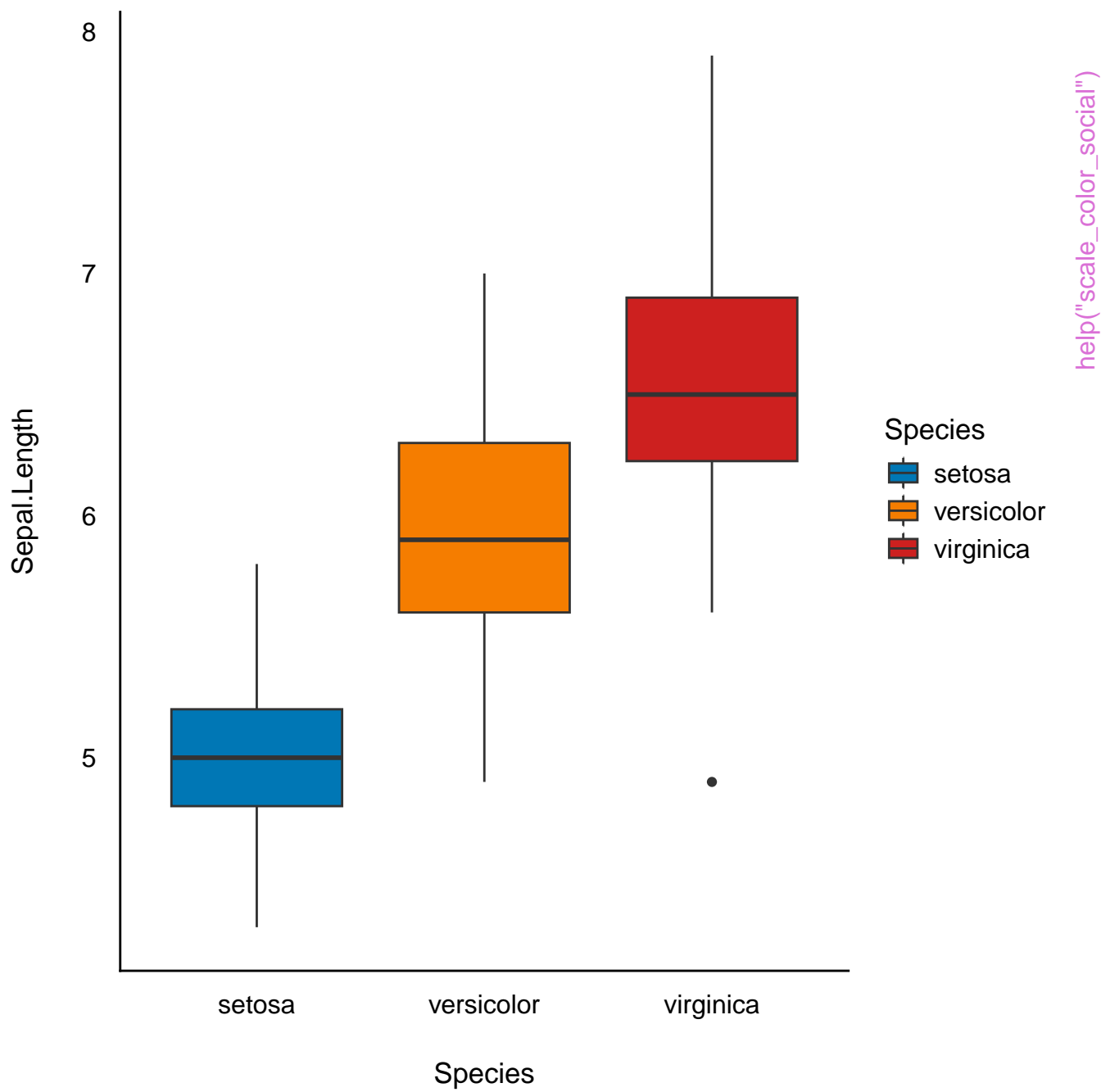
Petal.Length

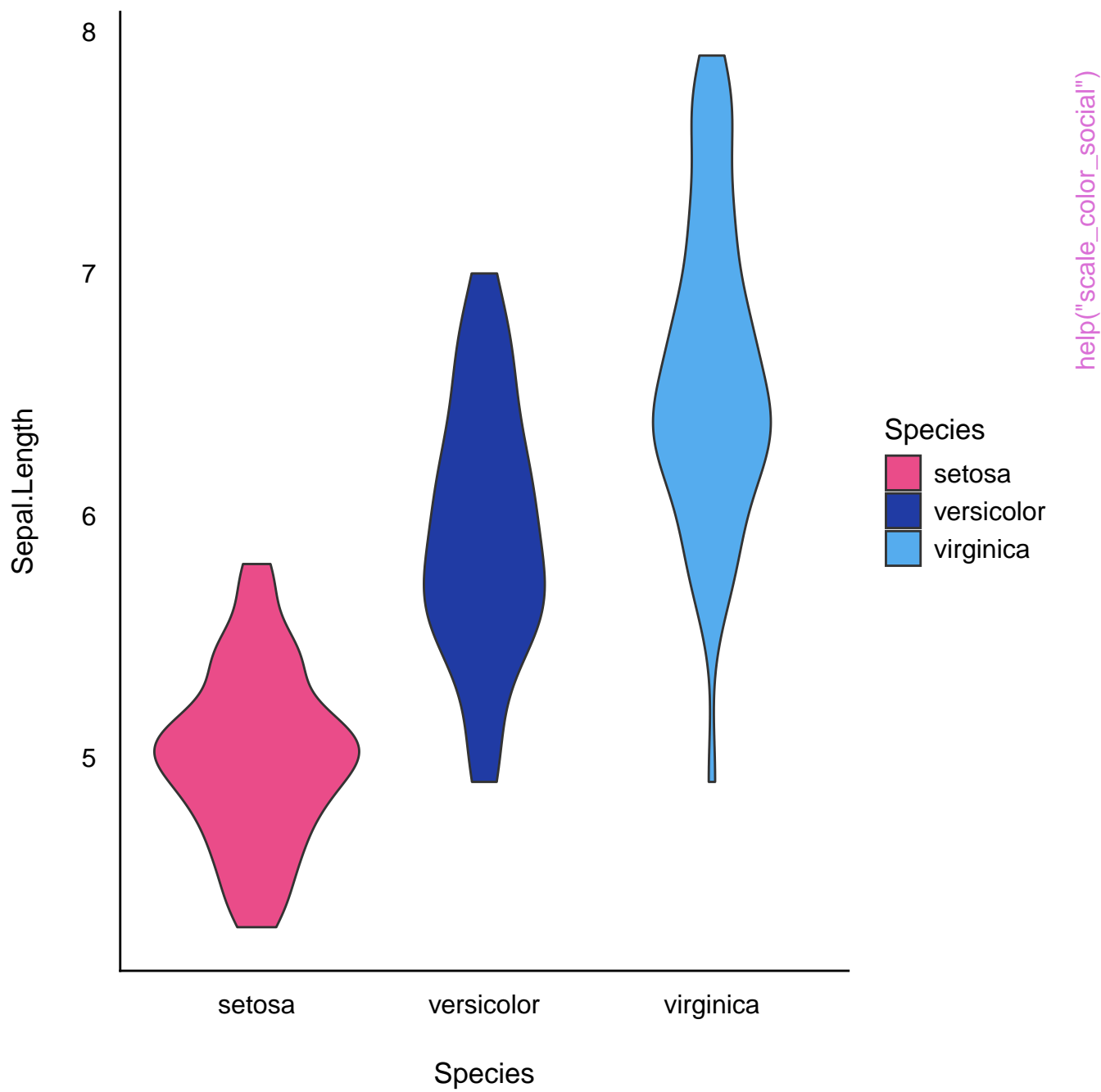
Sepal.Length

7
6
5

help("scale_color_see")







Petal.Width

2.5
2.0
1.5
1.0
0.5
0.0

2

4

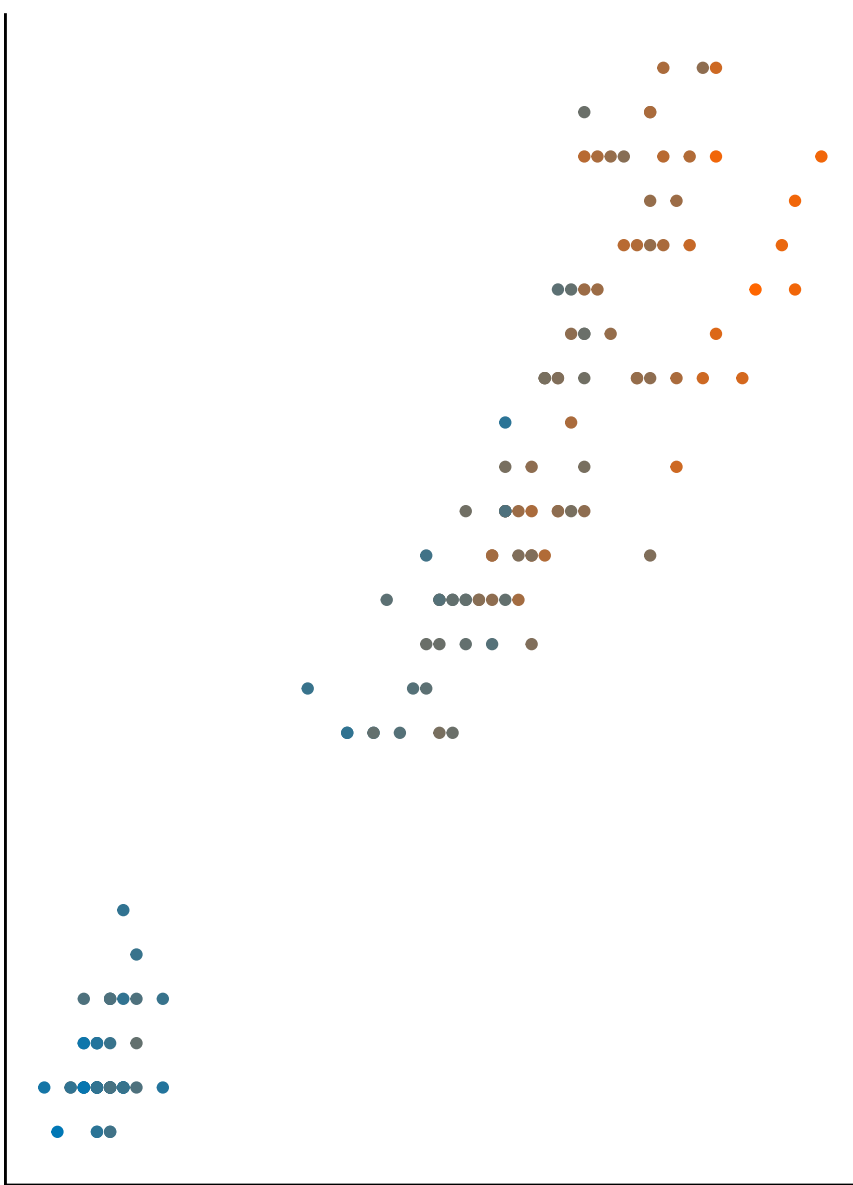
6

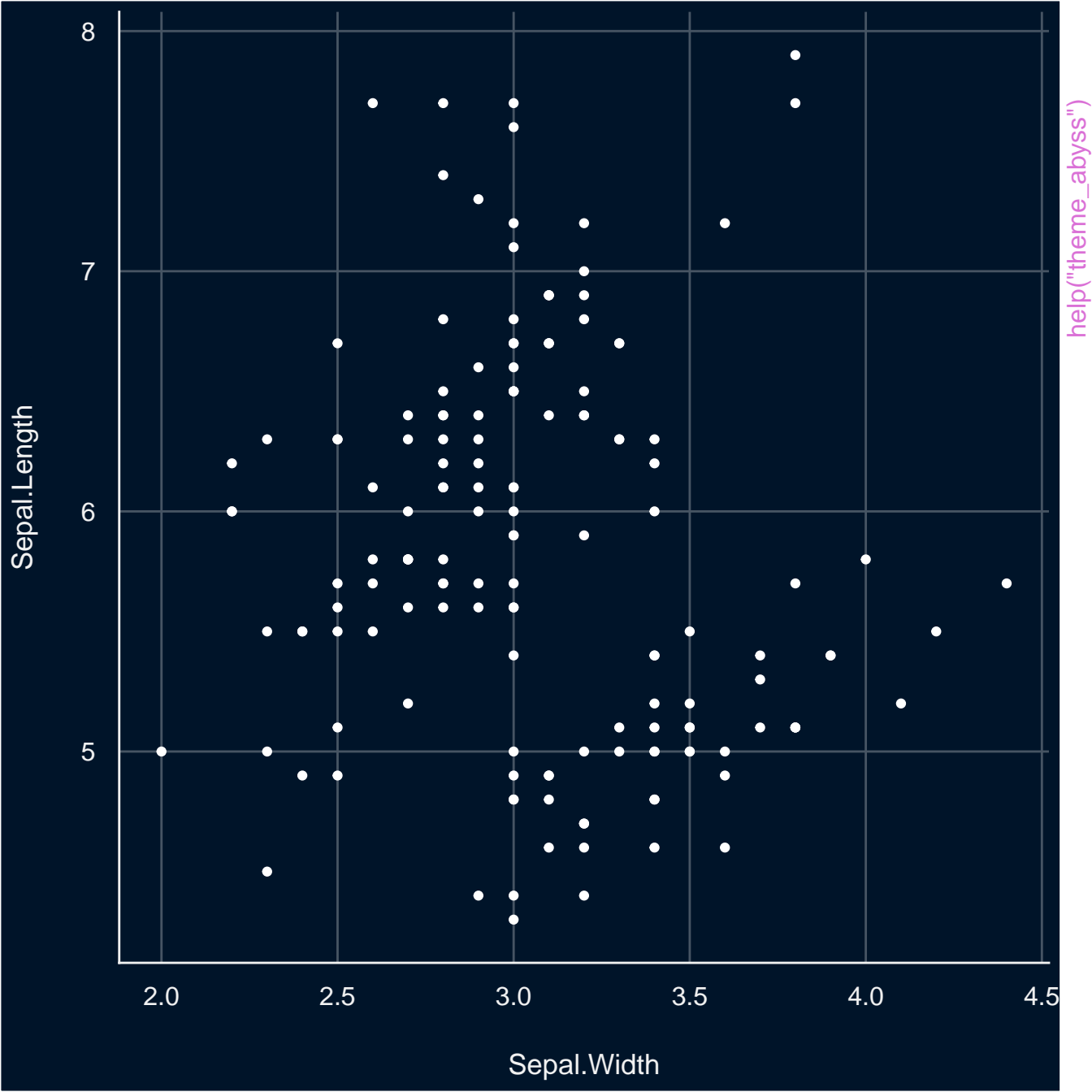
Petal.Length

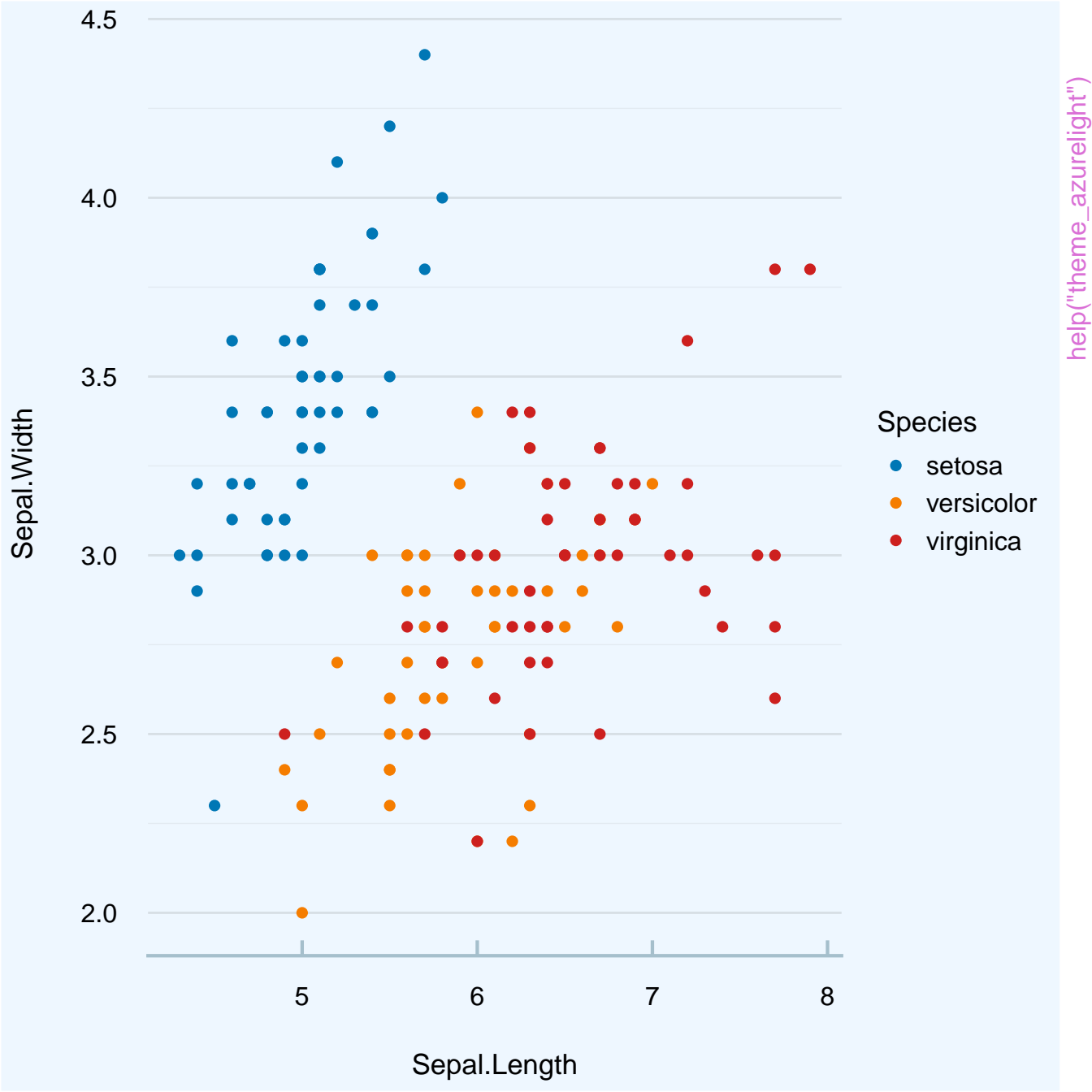
Sepal.Length

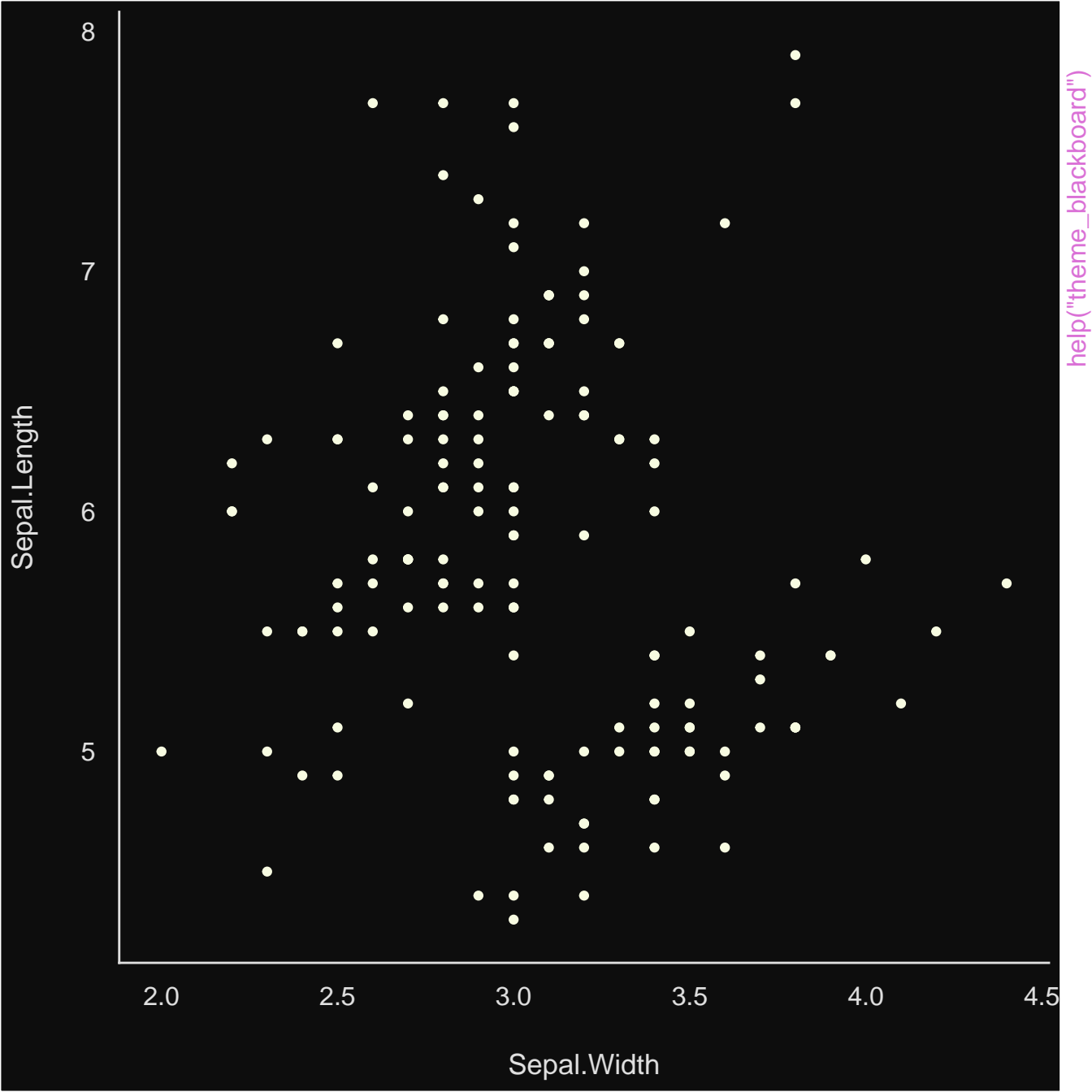
7
6
5

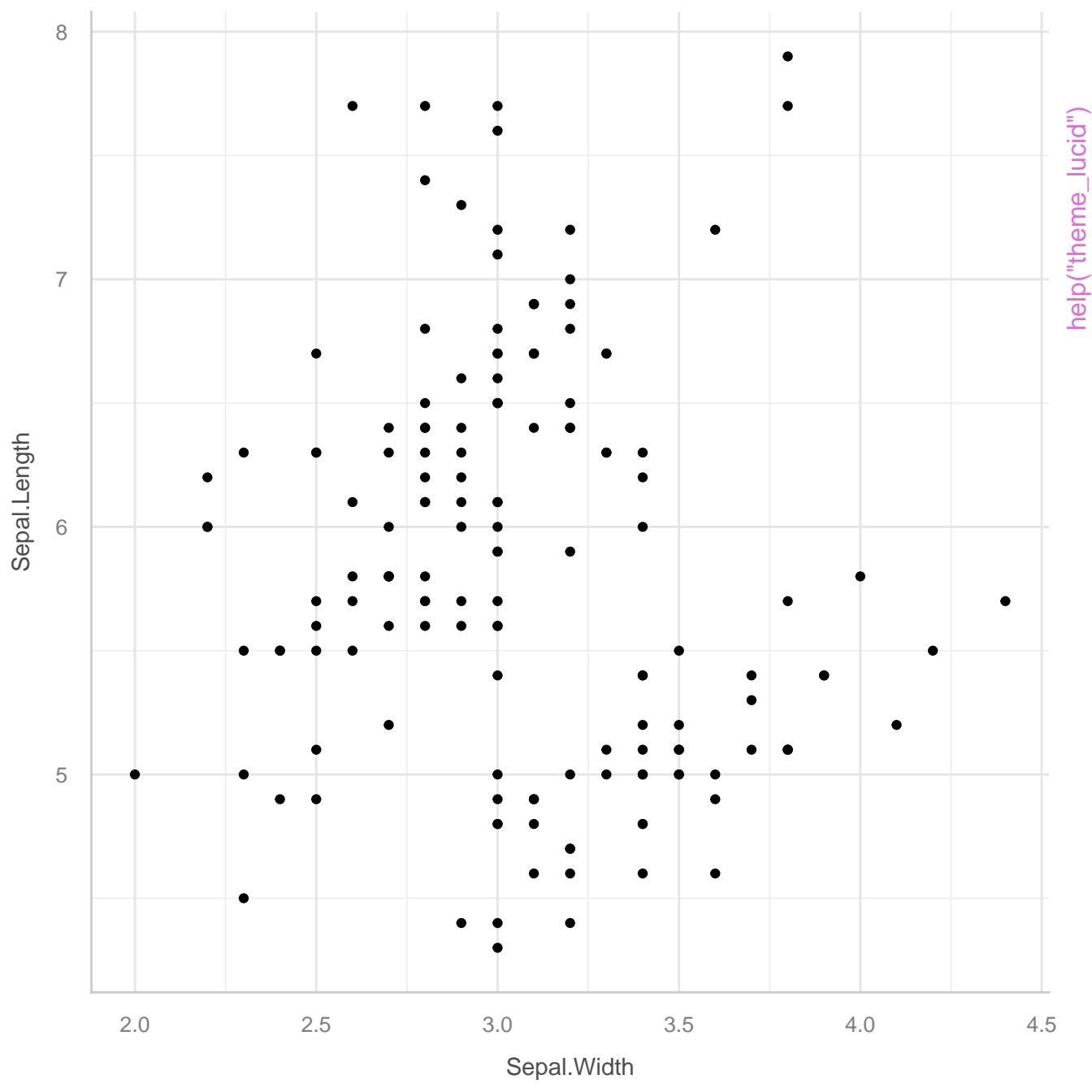
help("scale_color_social")

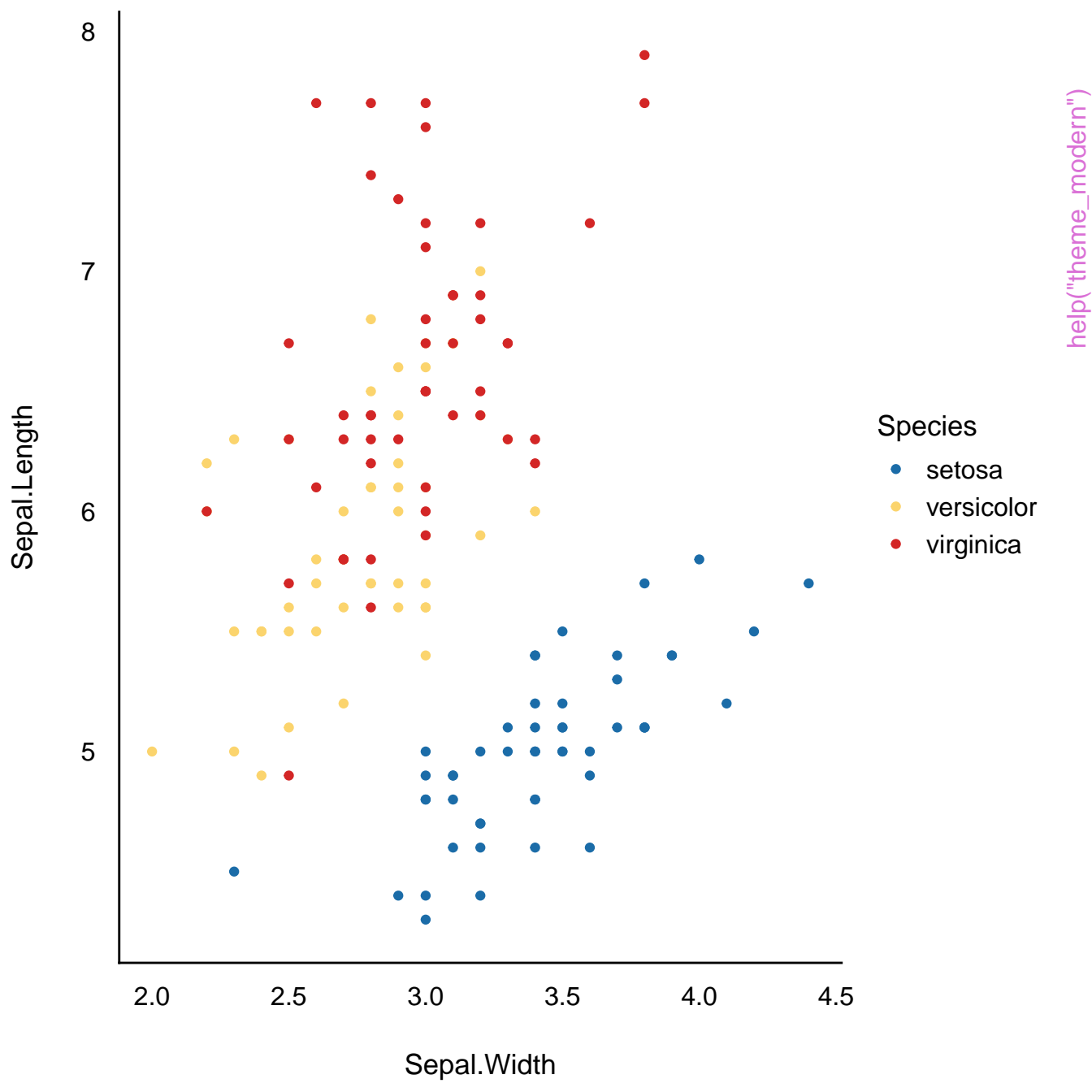


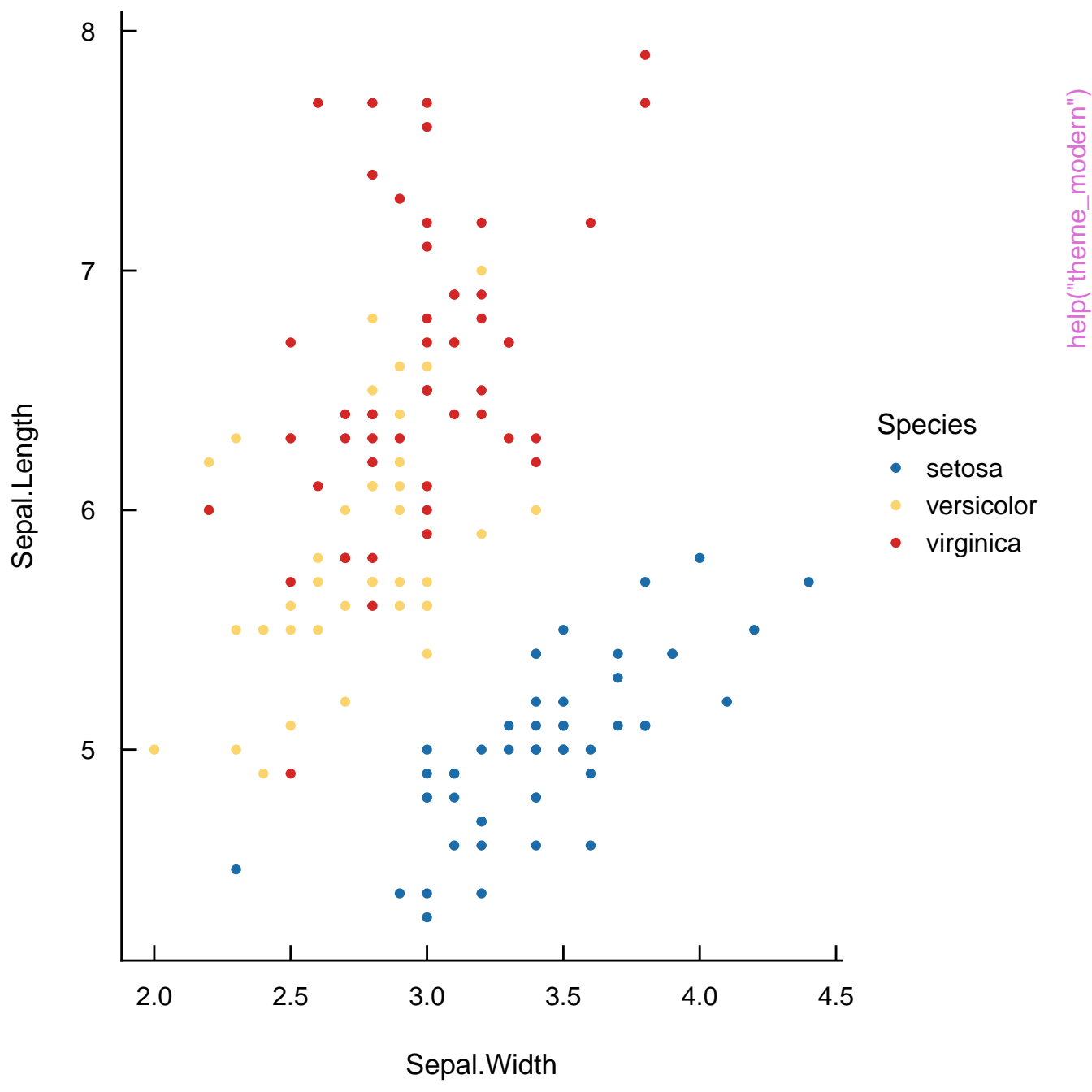












value

6

4

2

Sepal.Width

Petal.Length

Sepal.Length

Petal.Width

name

Species



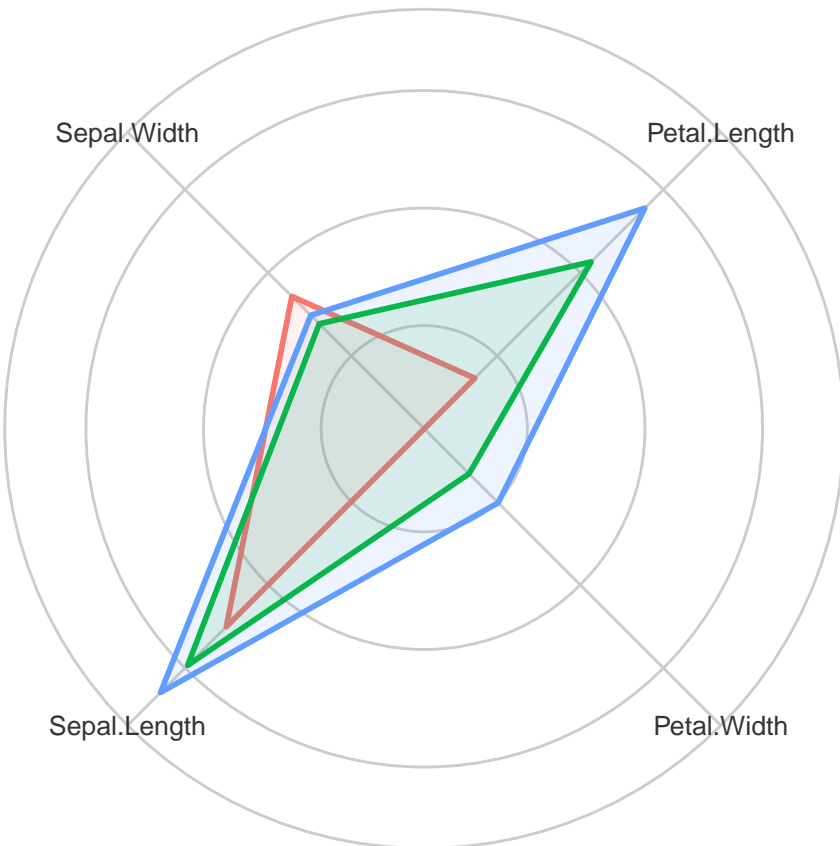
setosa



versicolor



virginica



help("theme radar")