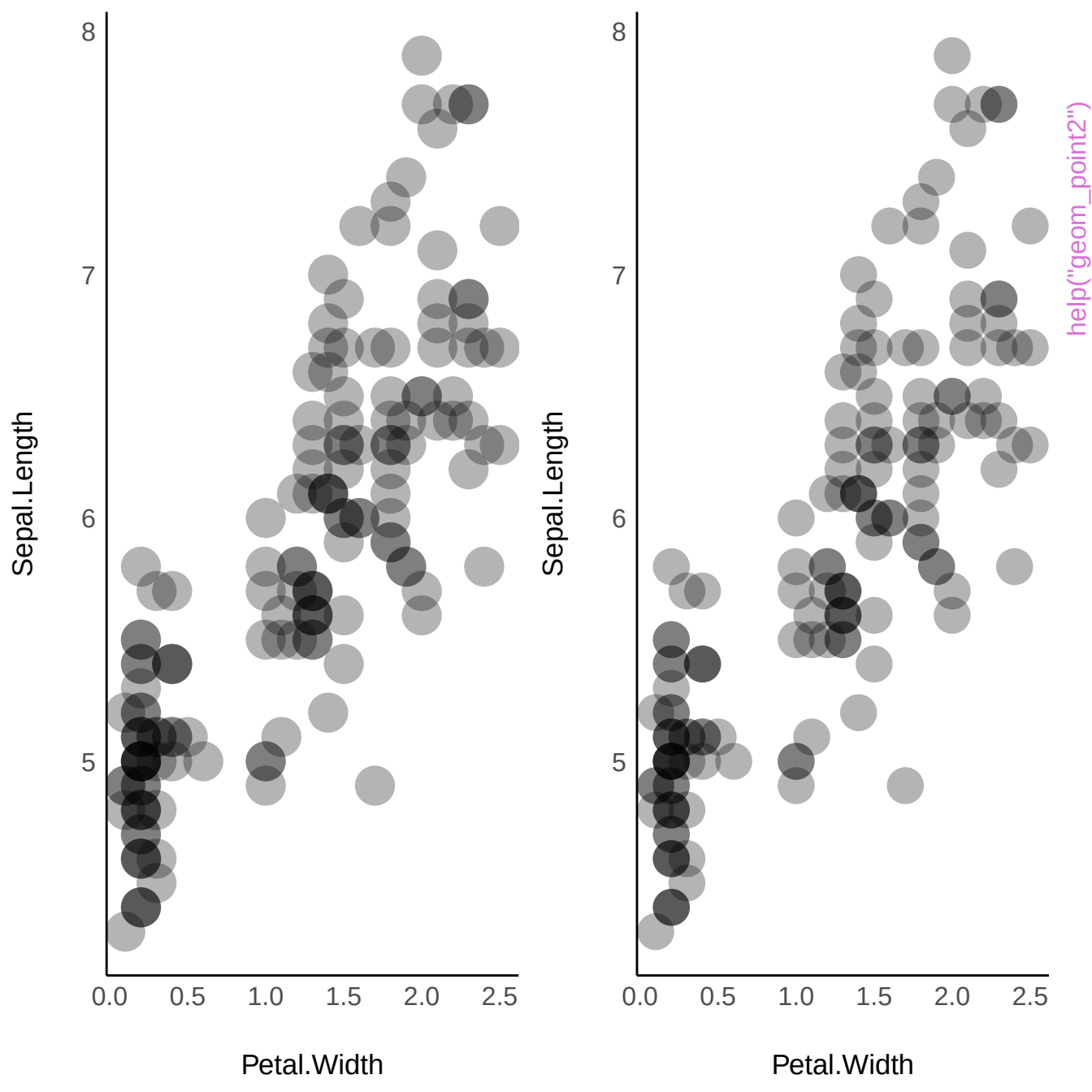
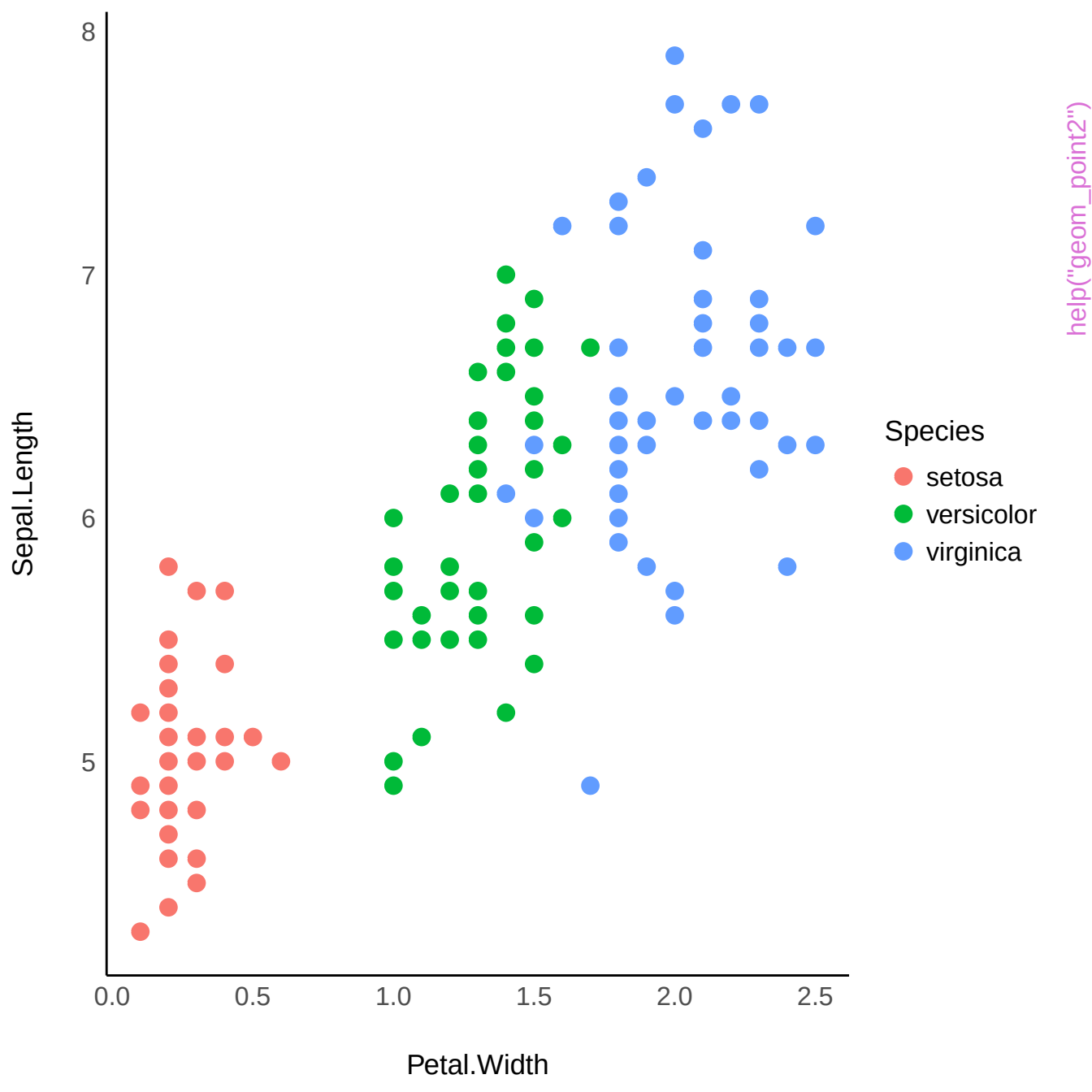
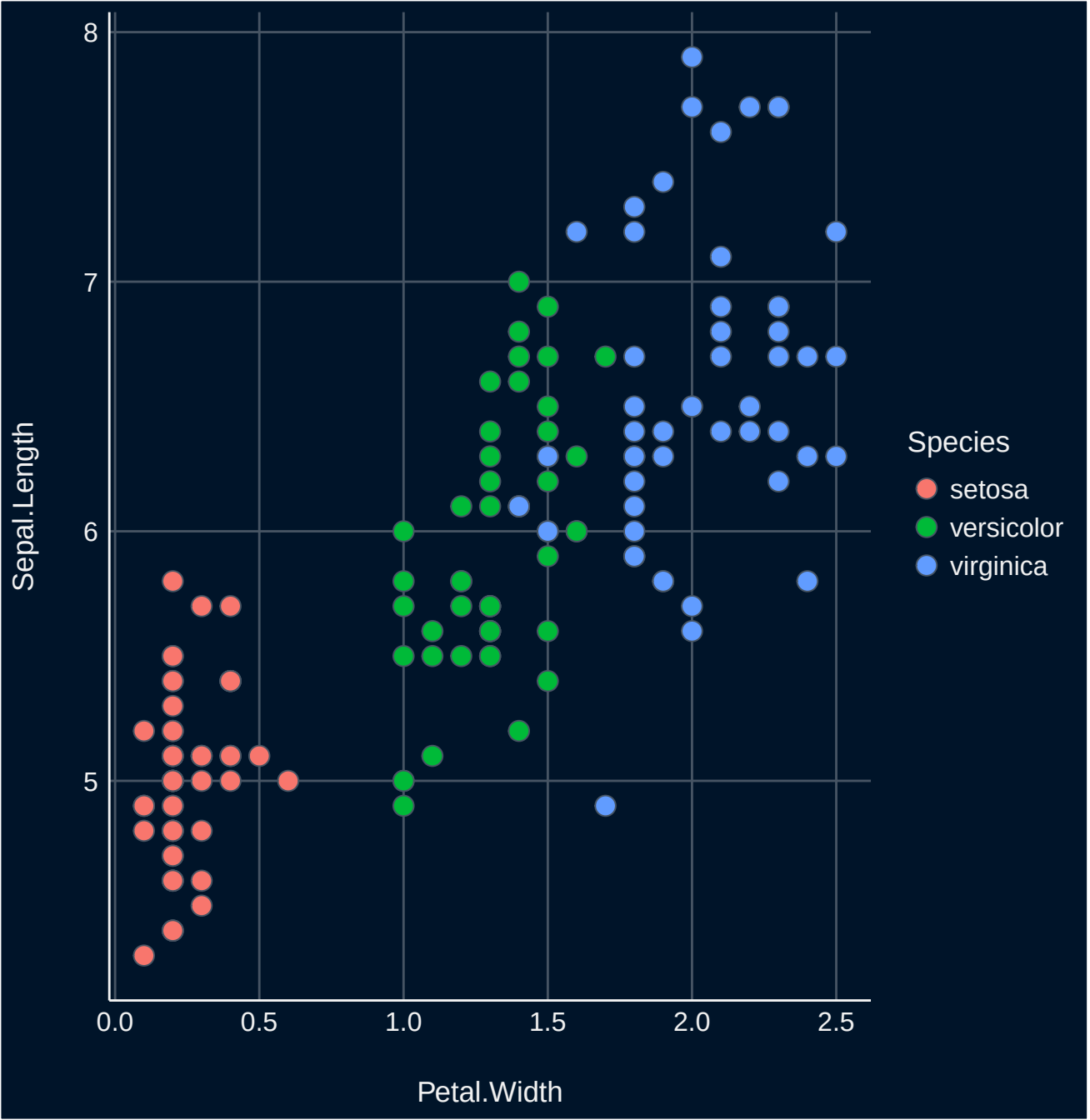
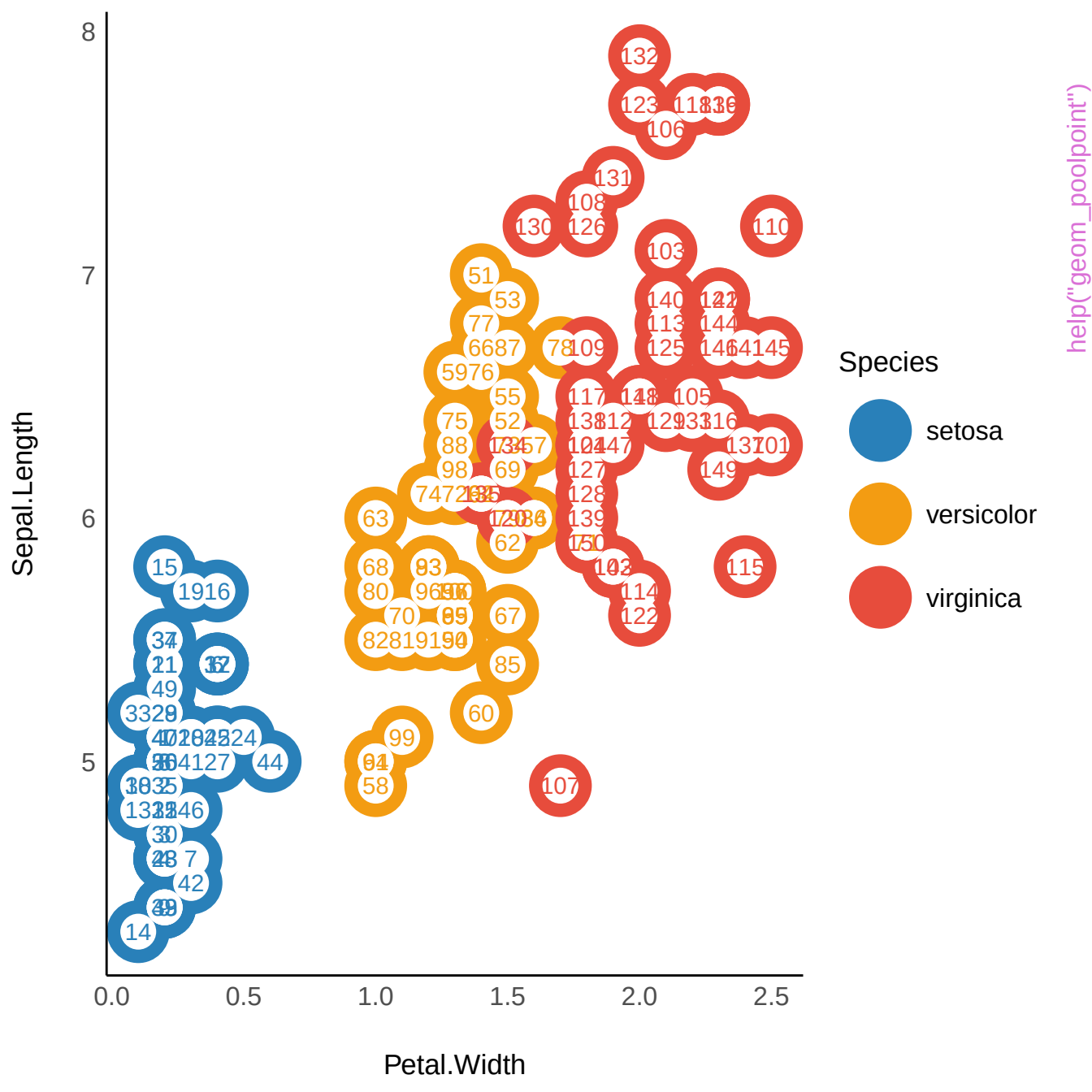
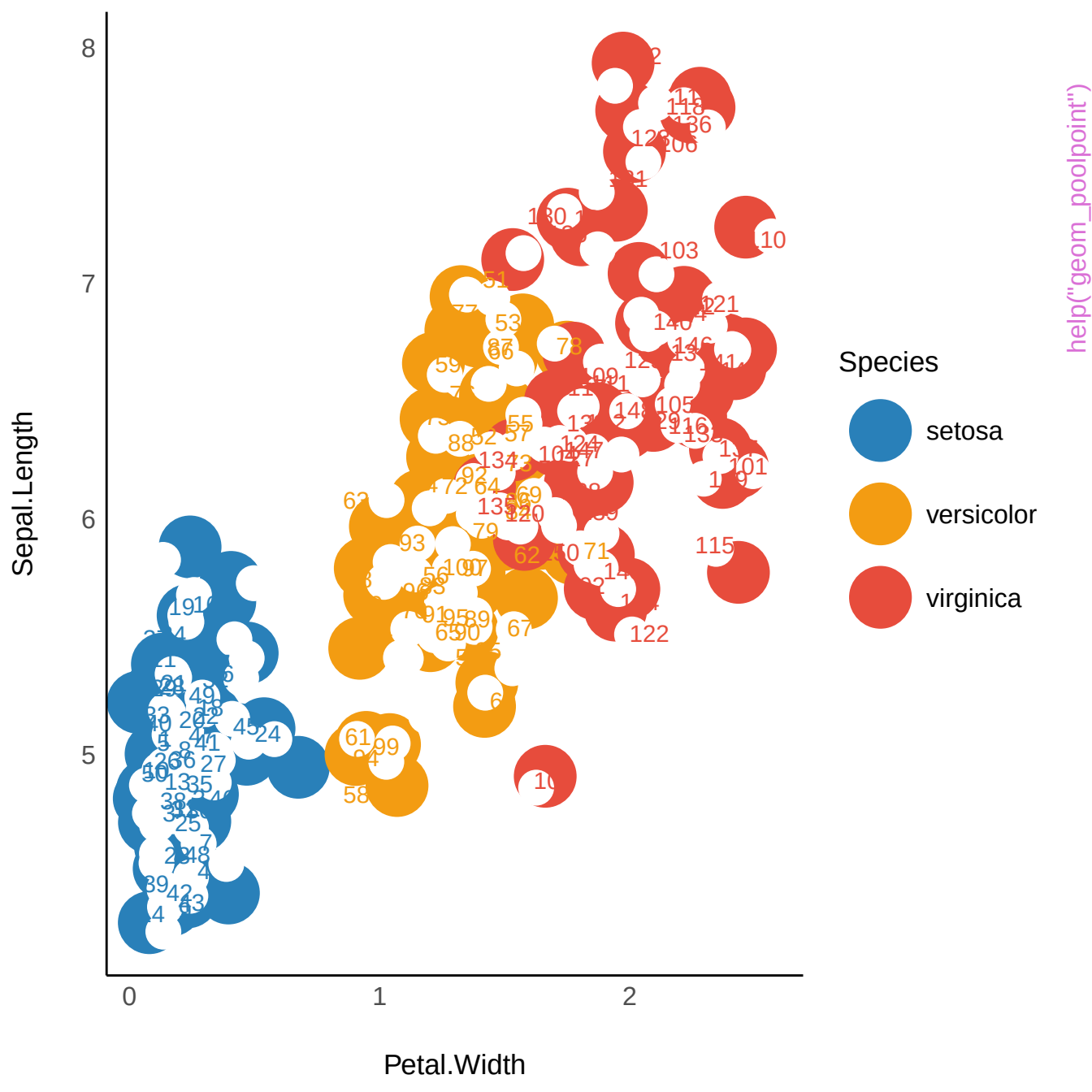
help("coord_radar")

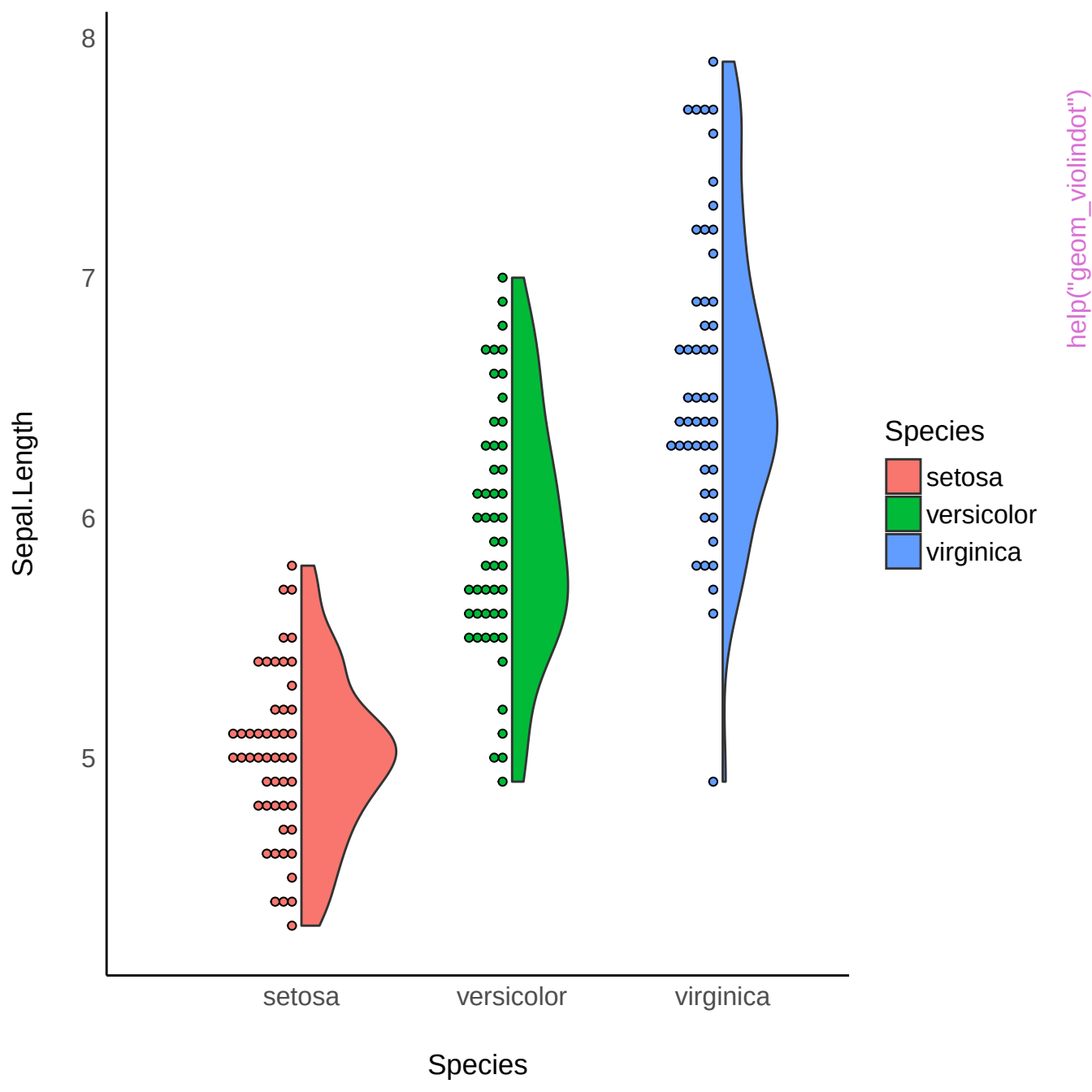

8
7
6
5
Sepal.Length
0.0
0.5
1.0
1.5
2.0
2.5
Petal.Width
8
7
6
5
Sepal.Length
0.0
0.5
1.0
1.5
2.0
2.5
Petal.Width
help("geom_point2")

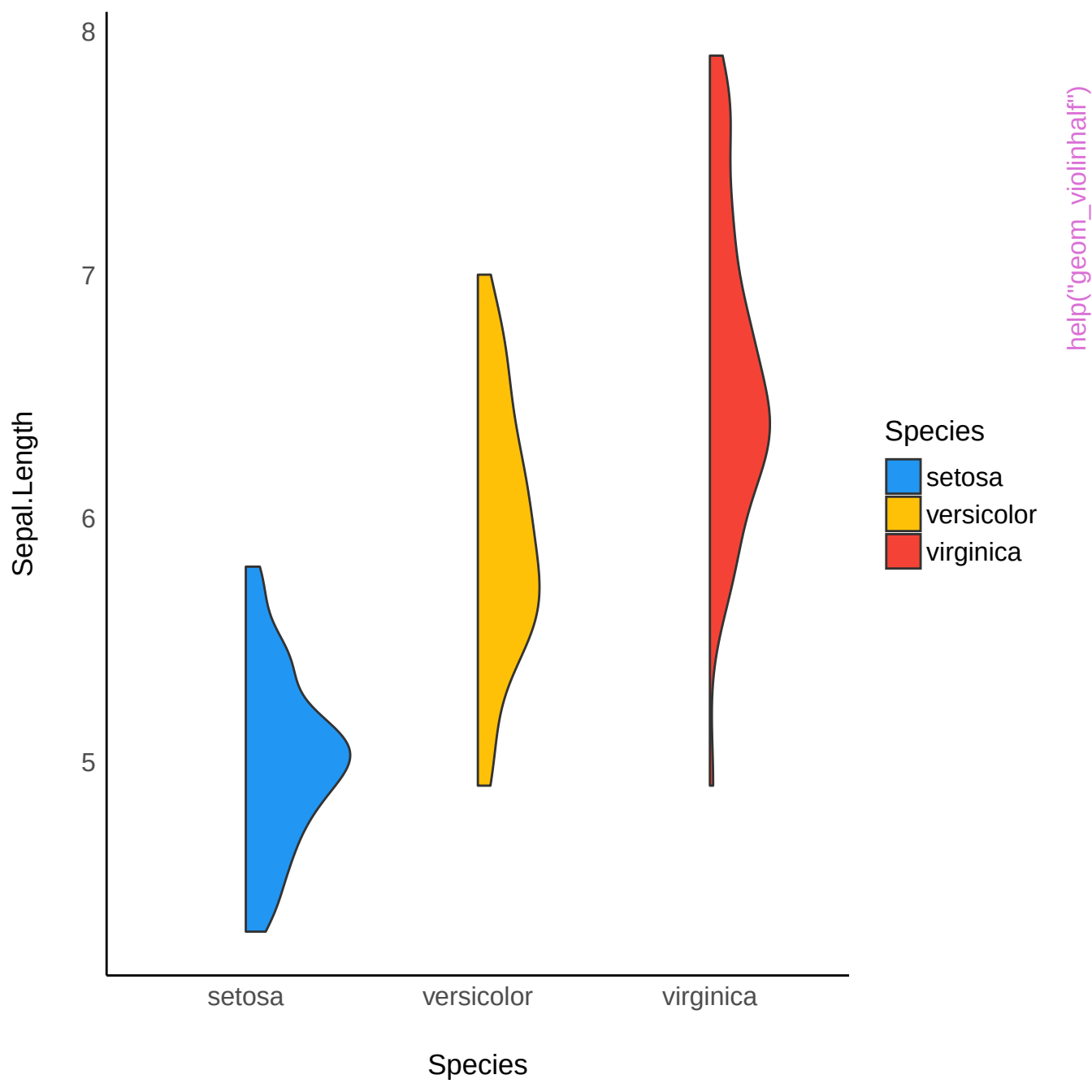

8
7
6
5
Sepal.Length
0.0
0.5
1.0
1.5
2.0
2.5
Petal.Width
Species
setosa
versicolor
virginica
help("geom_point2")

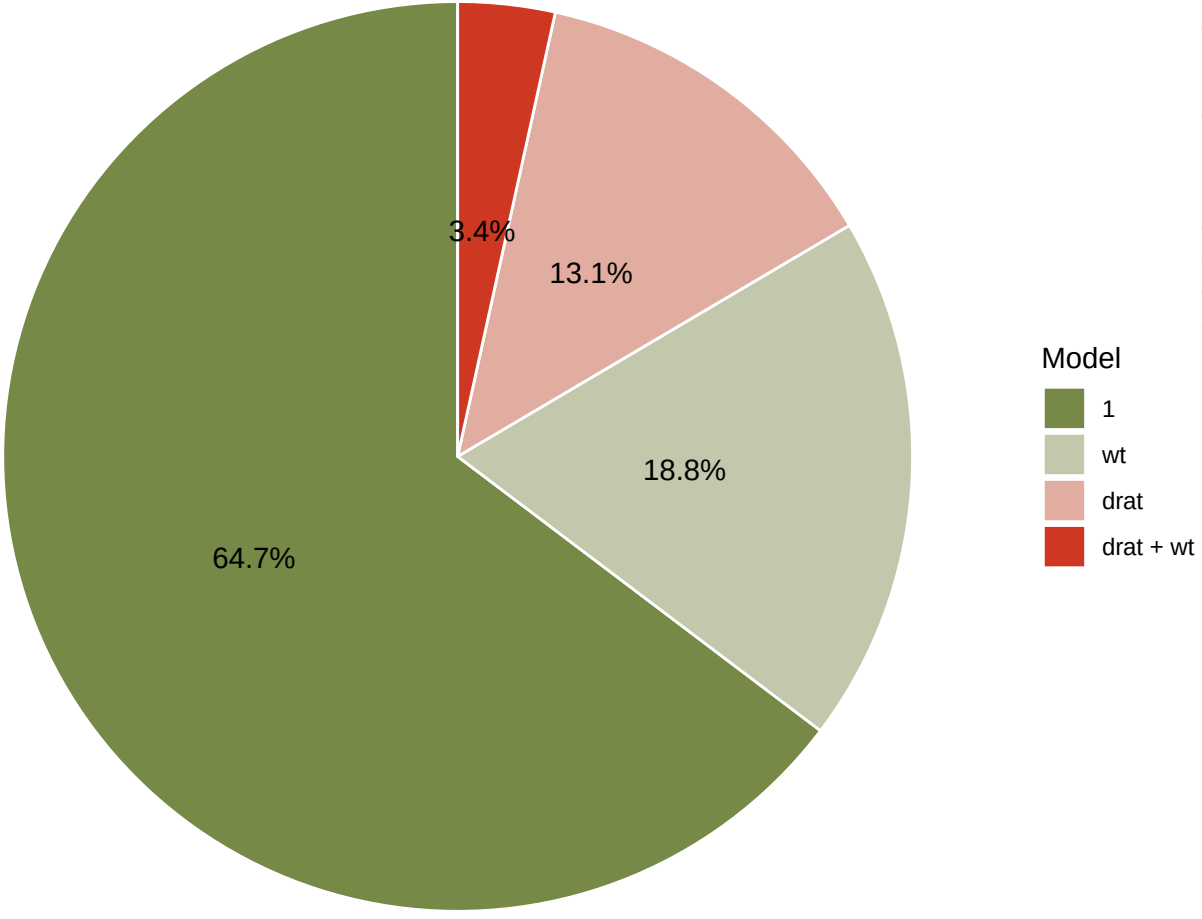

8
7
6
5
Sepal.Length
0.0
0.5
1.0
1.5
2.0
2.5
Petal.Width
Species
setosa
versicolor
virginica
help("geom_point2")


Sepal.Length
Petal.Width
8
7
6
5
0.0
0.5
1.0
1.5
2.0
2.5
Species
setosa
versicolor
virginica
help("geom_poolpoint")

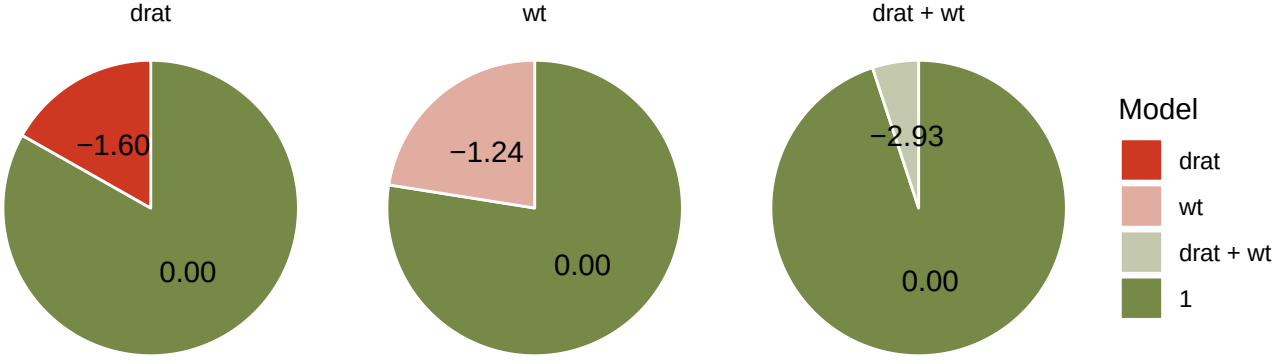

Sepal.Length
Petal.Width
8
7
6
5
0
1
2
Species
setosa
versicolor
virginica
help("geom_poolpoint")


8
7
6
5
Sepal.Length
setosa
versicolor
virginica
Species
Species
setosa
versicolor
virginica
help("geom_violindot")

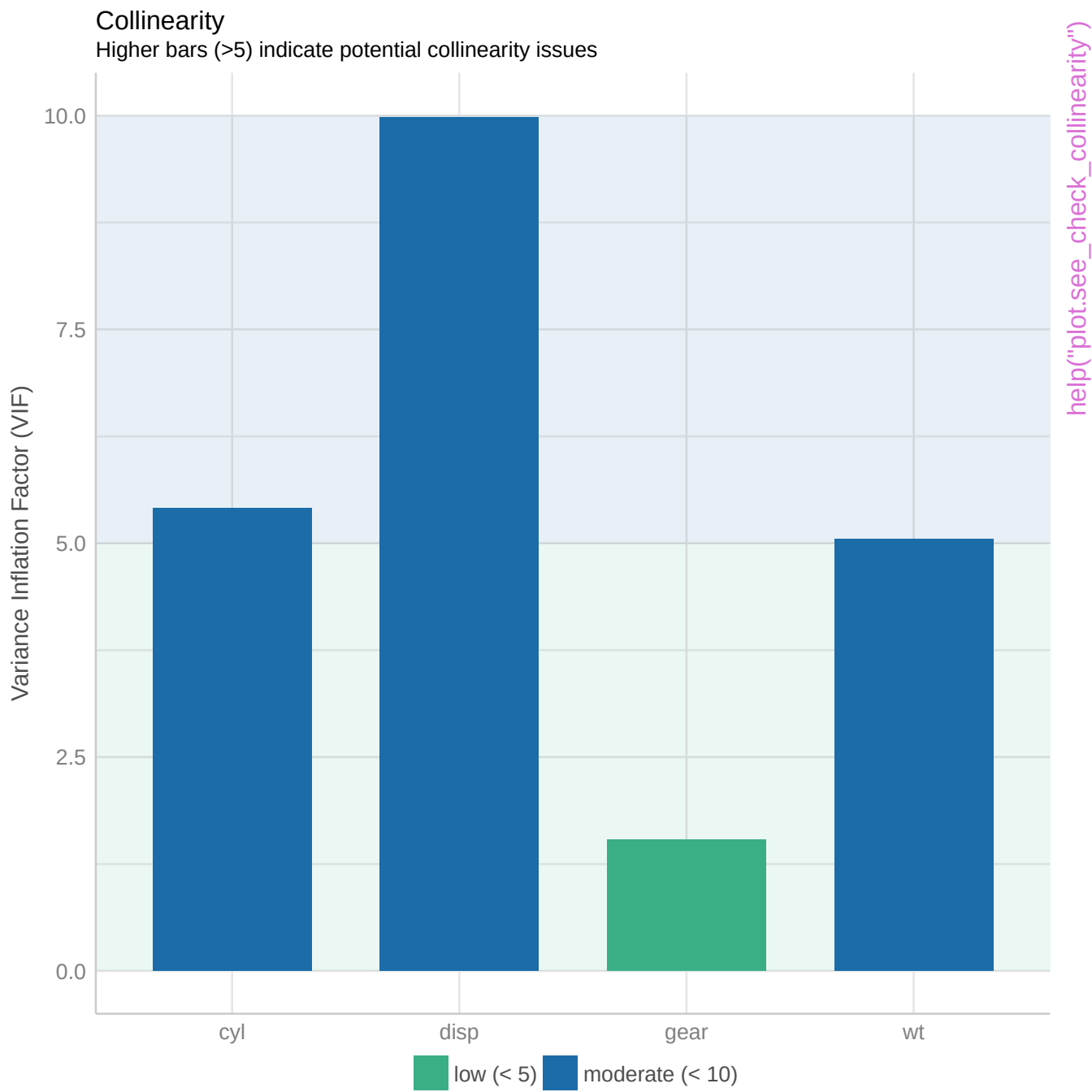

8
7
6
5
Sepal.Length
setosa
versicolor
virginica
Species
Species
setosa
versicolor
virginica
help("geom_violinhalf")

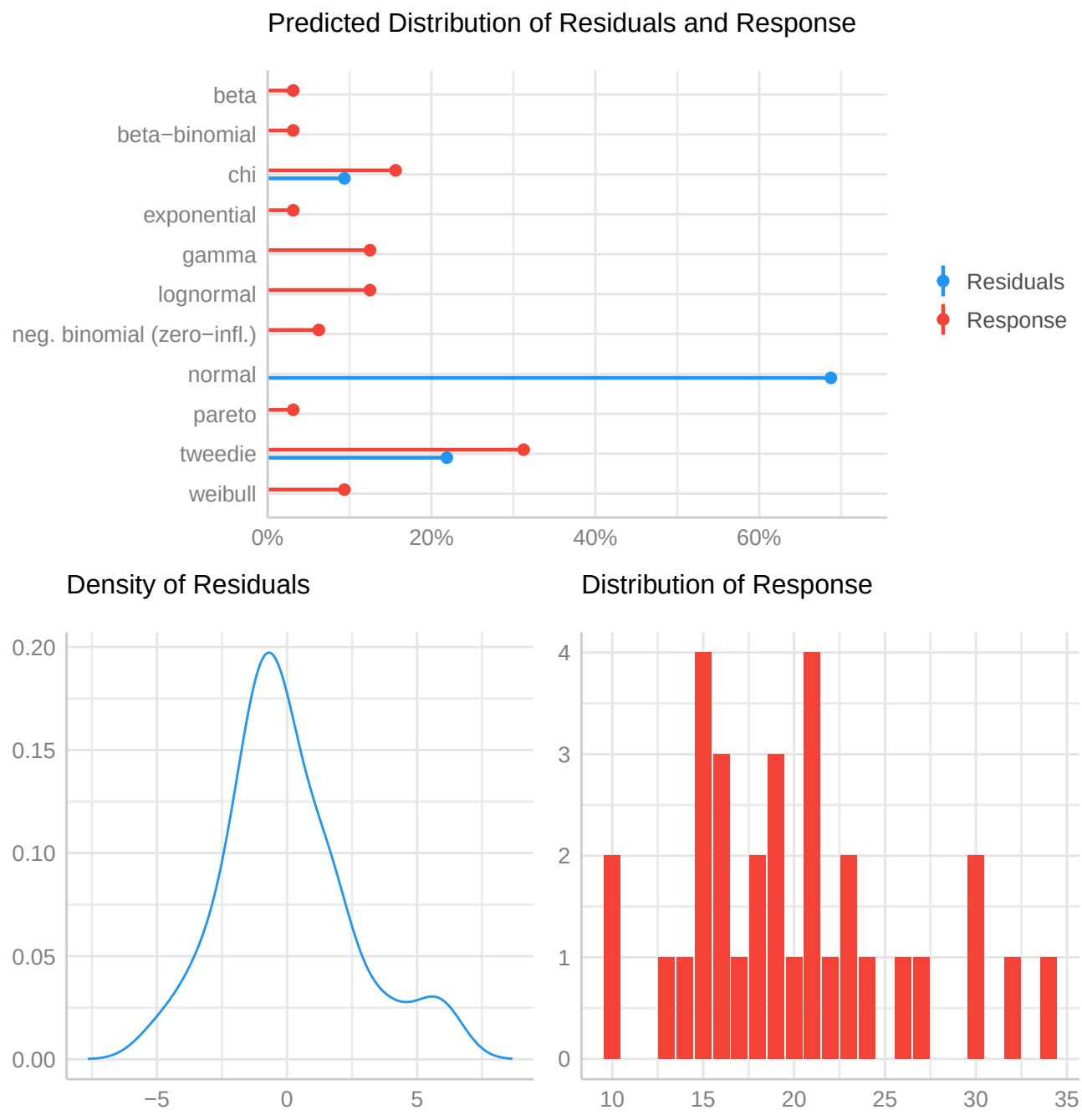


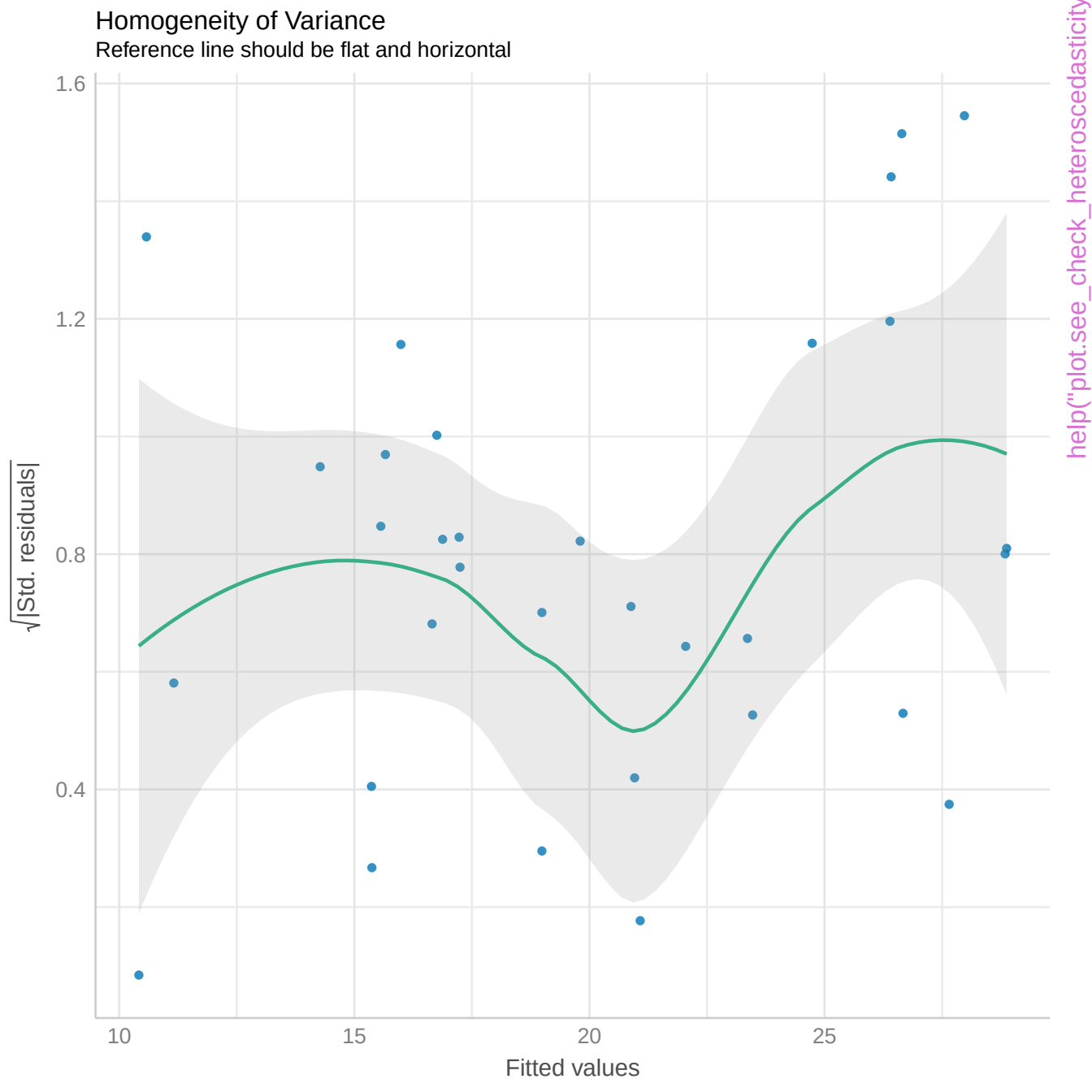
help("plot.see_bayesfactor_models")

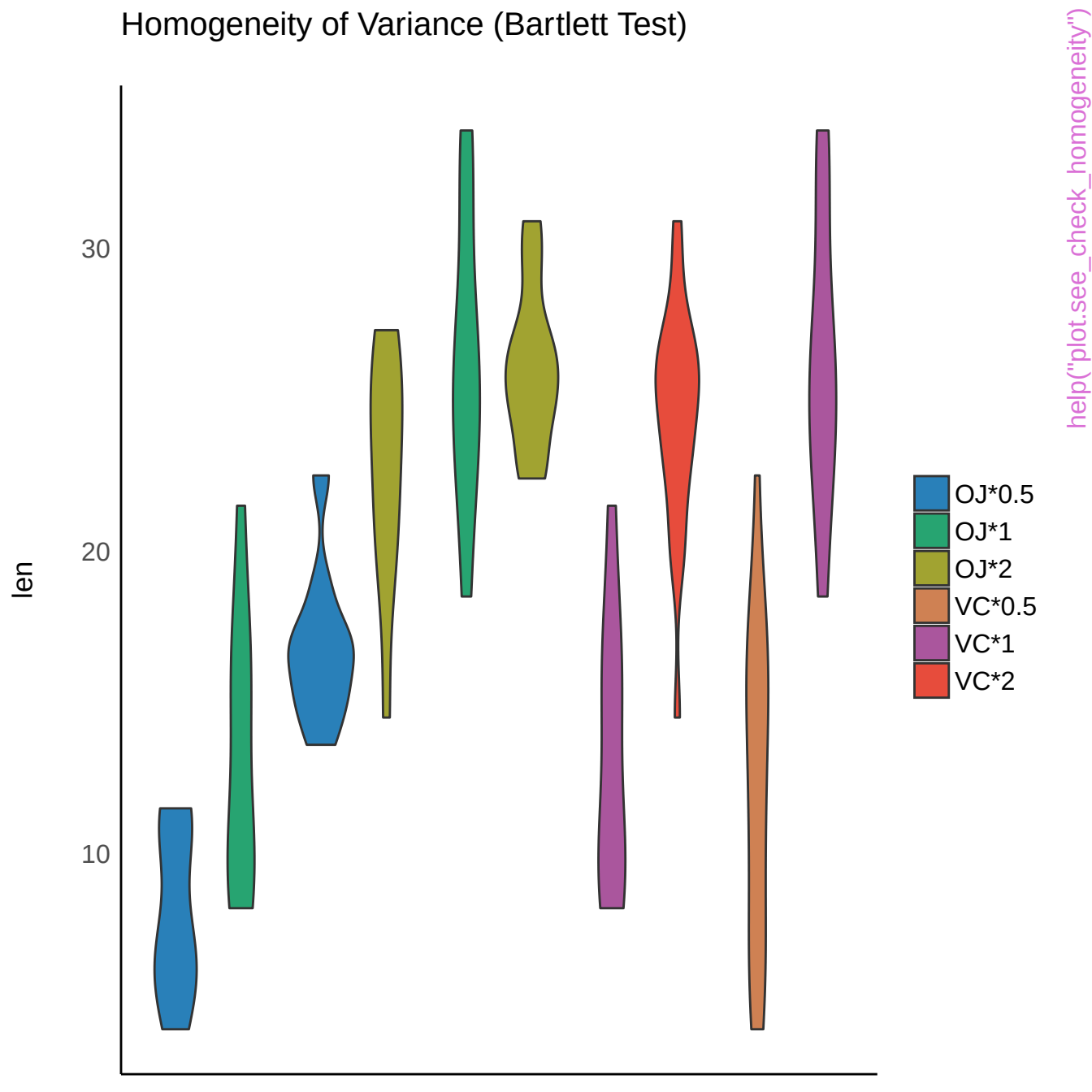


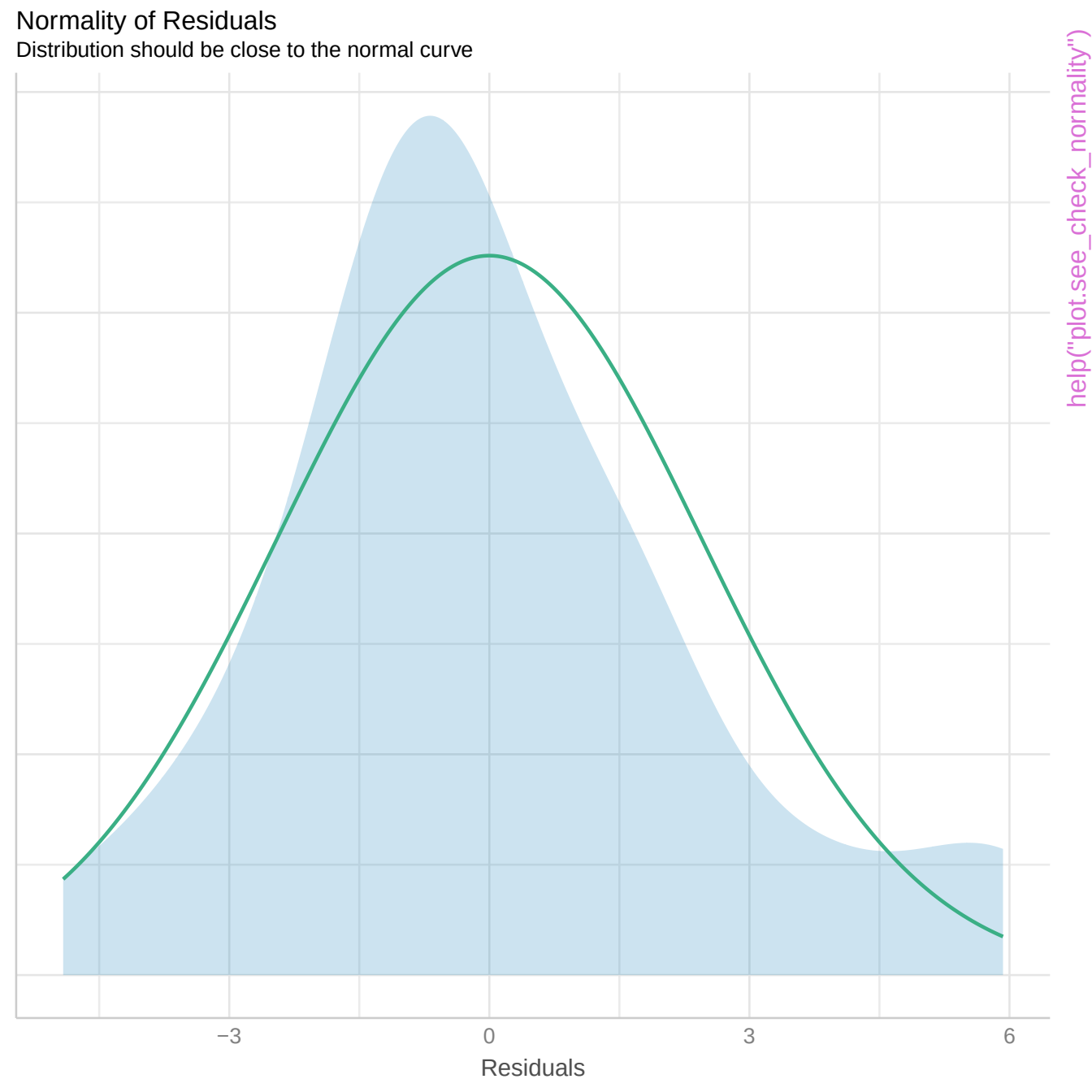
help("plot.see_bayesfactor_models")

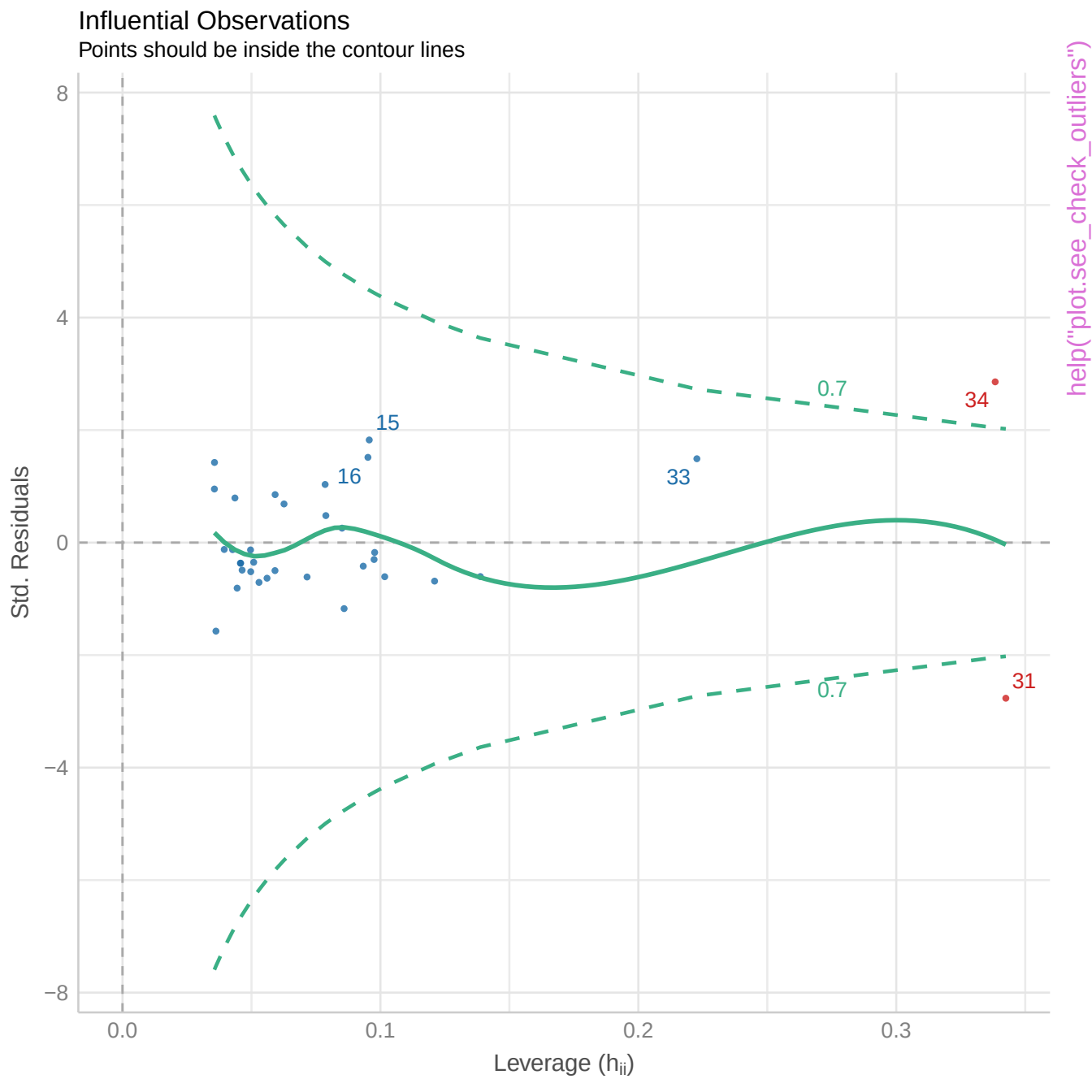

Collinearity
Higher bars (>5) indicate potential collinearity issues
help("plot.see_check_collinearity")
Variance Inflation Factor (VIF)
10.0
7.5
5.0
2.5
0.0
cyl
disp
gear
wt
low (< 5)
moderate (< 10)

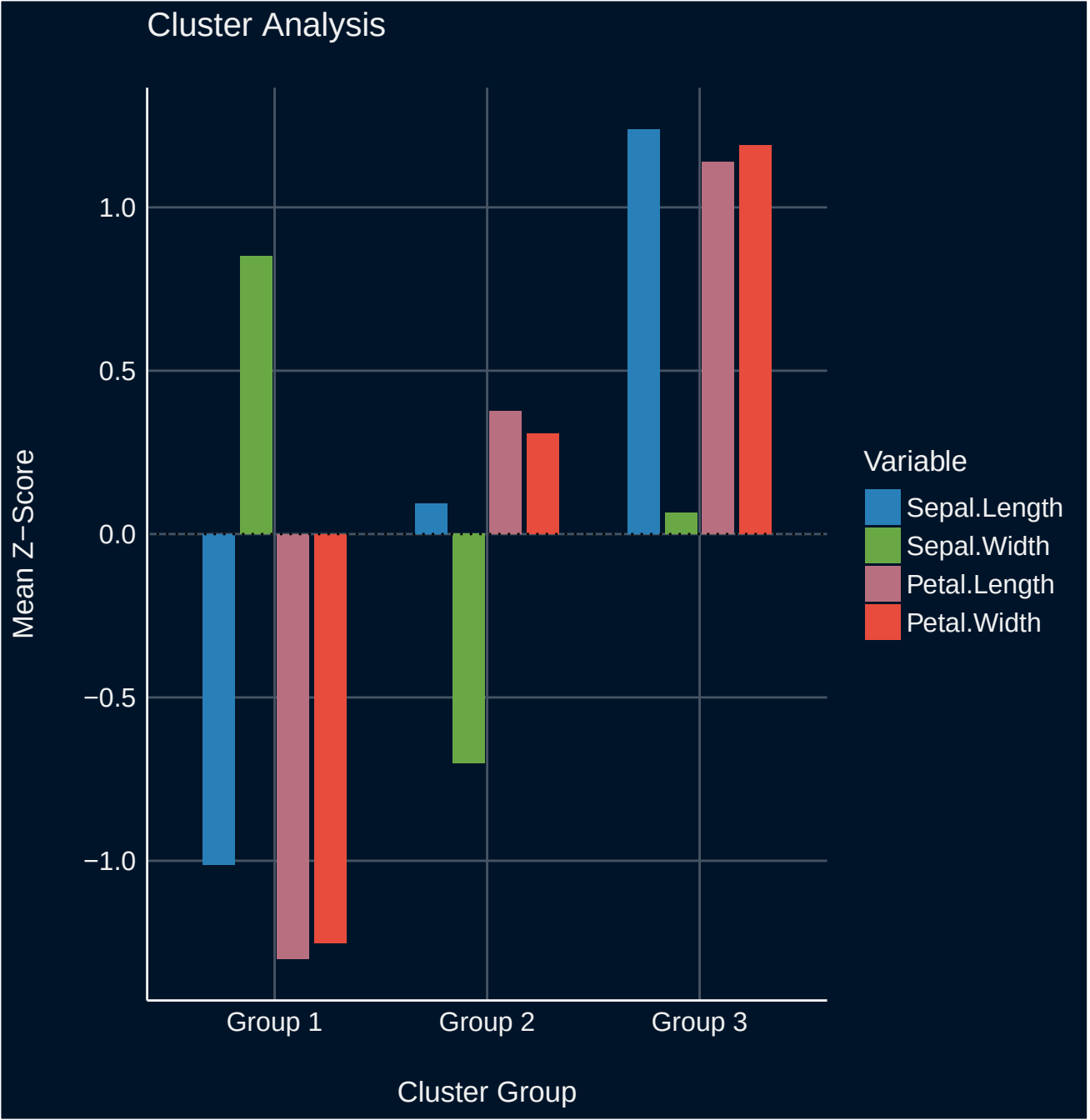

Predicted Distribution of Residuals and Response
beta
beta−binomial
chi
exponential
gamma
lognormal
neg. binomial (zero−infl.)
normal
pareto
tweedie
weibull
0%
20%
40%
60%
Residuals
Response
help("plot.see_check_distribution")
Density of Residuals
0.20
0.15
0.10
0.05
0.00
−5
0
5
Distribution of Response
4
3
2
1
0
10
15
20
25
30
35

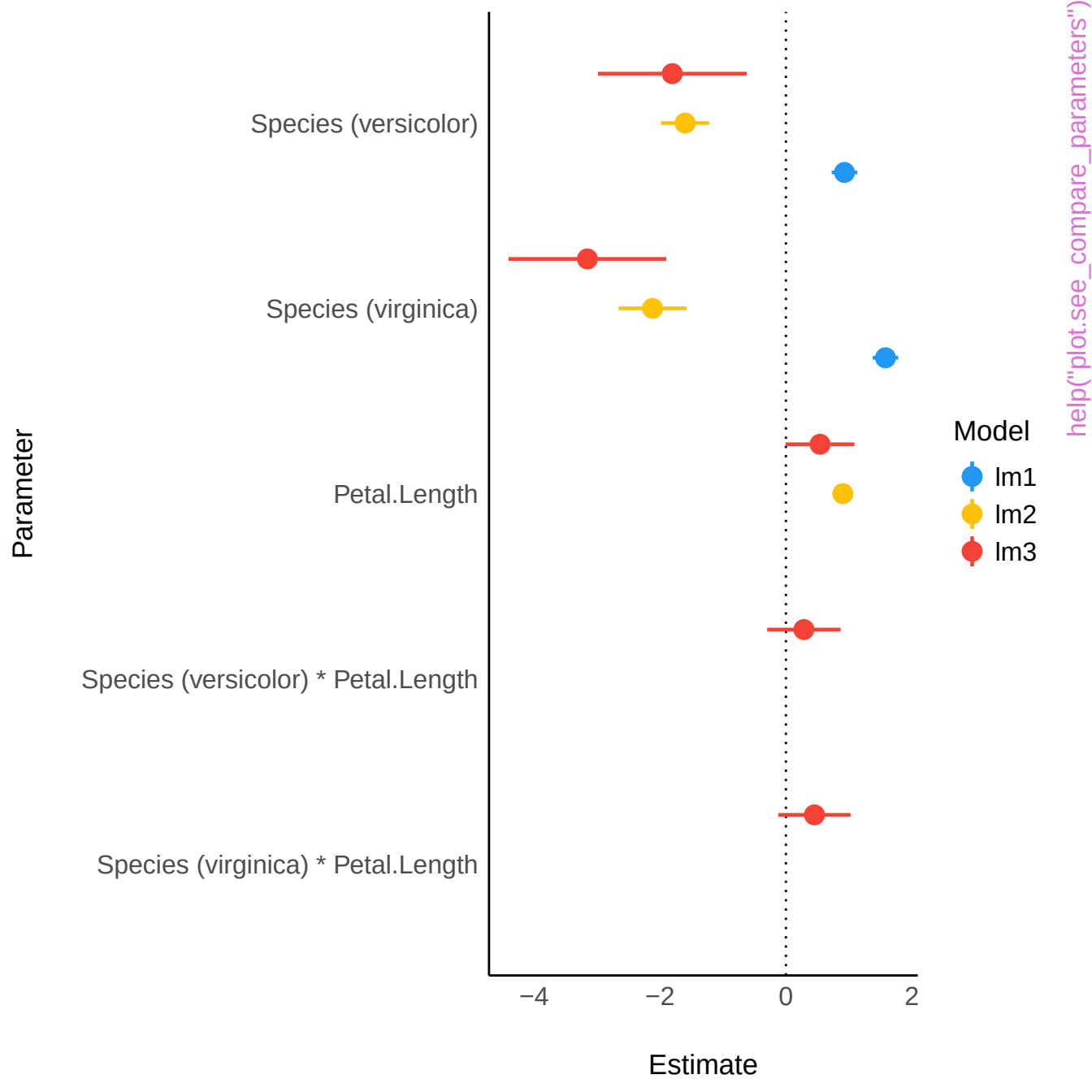

Homogeneity of Variance
Reference line should be flat and horizontal
1.6
1.2
0.8
0.4
√|Std. residuals|
10
15
20
25
Fitted values
help("plot.see_check_heteroscedasticity")


Homogeneity of Variance (Bartlett Test)
len
30
20
10
OJ*0.5
OJ*1
OJ*2
VC*0.5
VC*1
VC*2
help("plot.see_check_homogeneity")

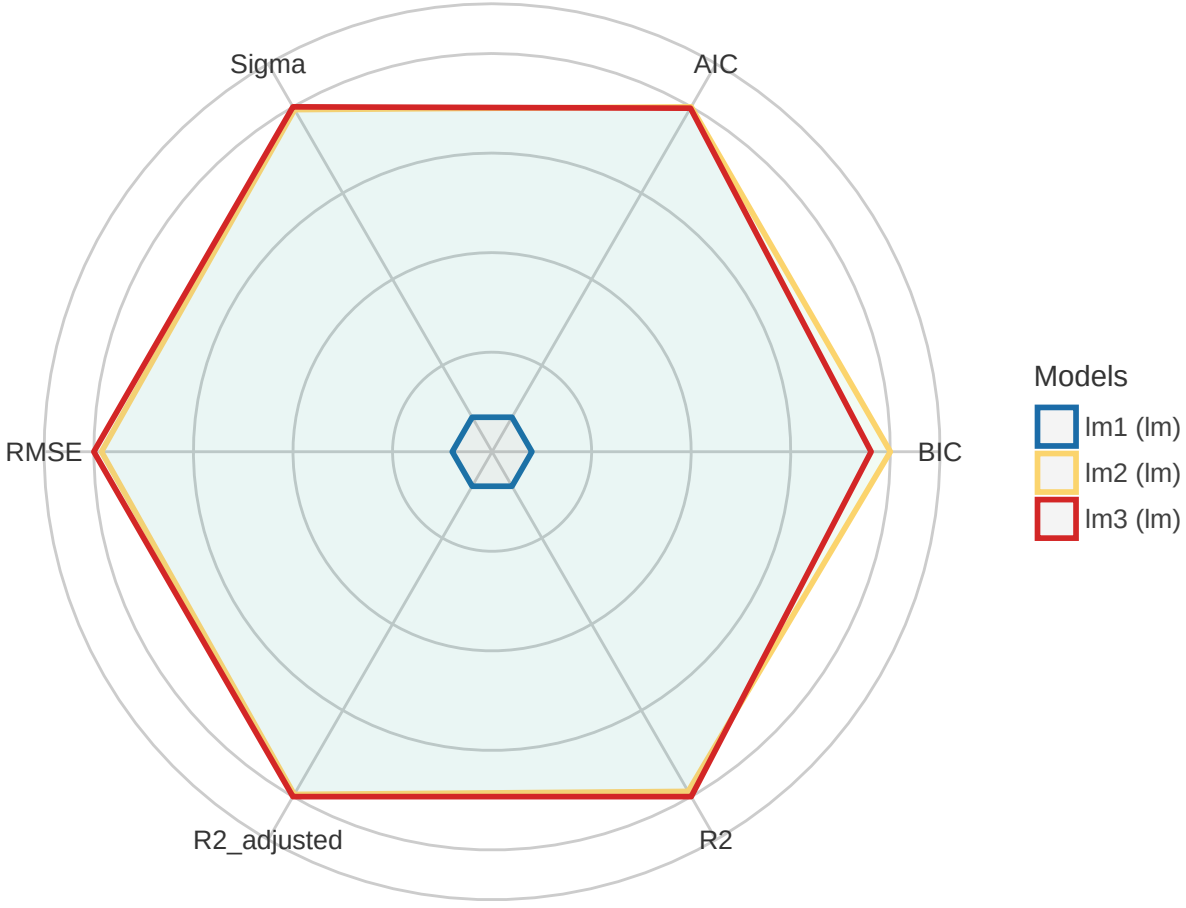

Normality of Residuals
Distribution should be close to the normal curve
help("plot.see_check_normality")
−3
0
3
6
Residuals


Influential Observations
Points should be inside the contour lines
8
4
0
−4
−8
Std. Residuals
0.0
0.1
0.2
0.3
Leverage (h_{ii})
0.7
0.7
15
16
33
34
31
help("plot.see_check_outliers")

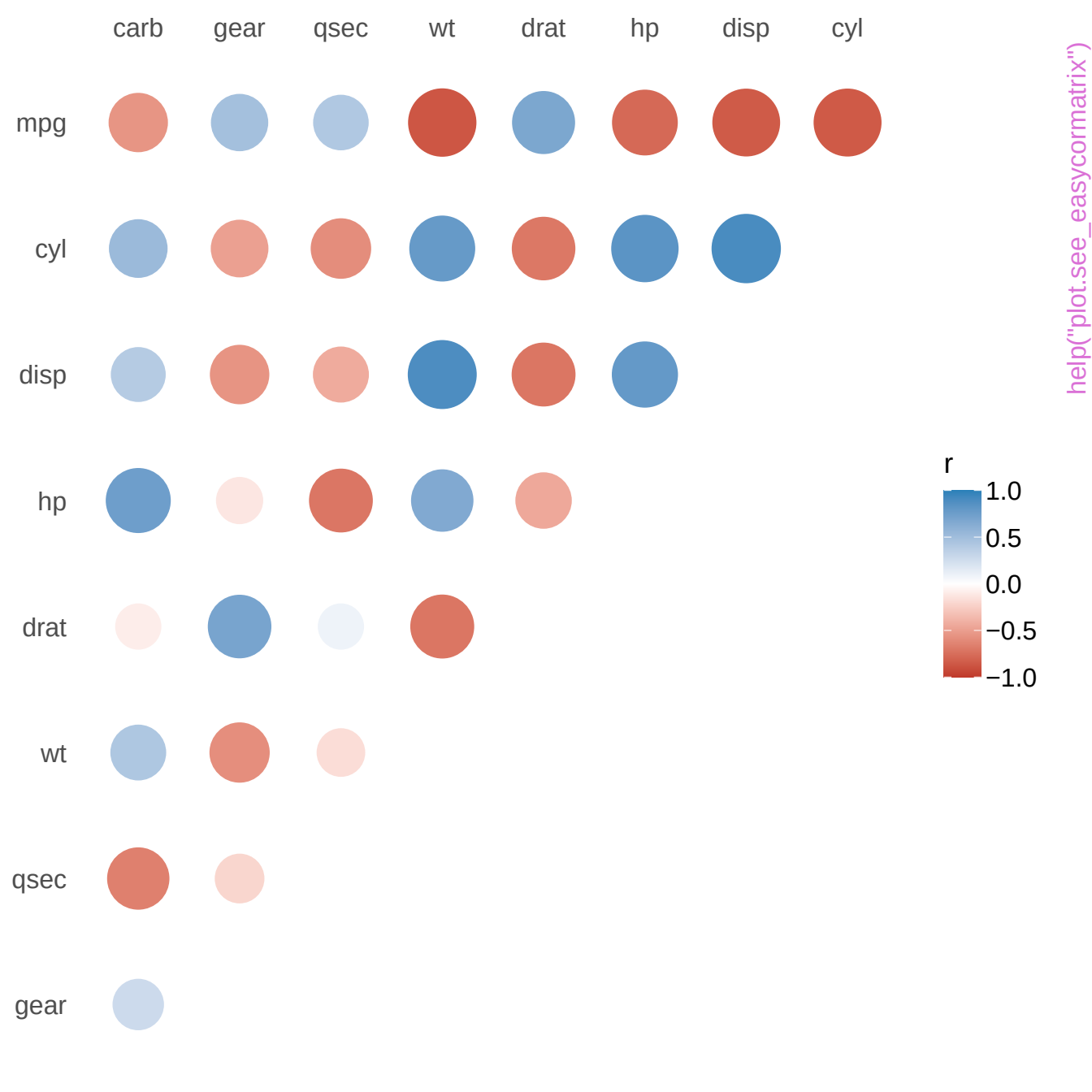

Cluster Analysis
1.0
0.5
0.0
−0.5
−1.0
Mean Z−Score
Group 1
Group 2
Group 3
Cluster Group
Variable
Sepal.Length
Sepal.Width
Petal.Length
Petal.Width
help("plot.see_cluster_analysis")

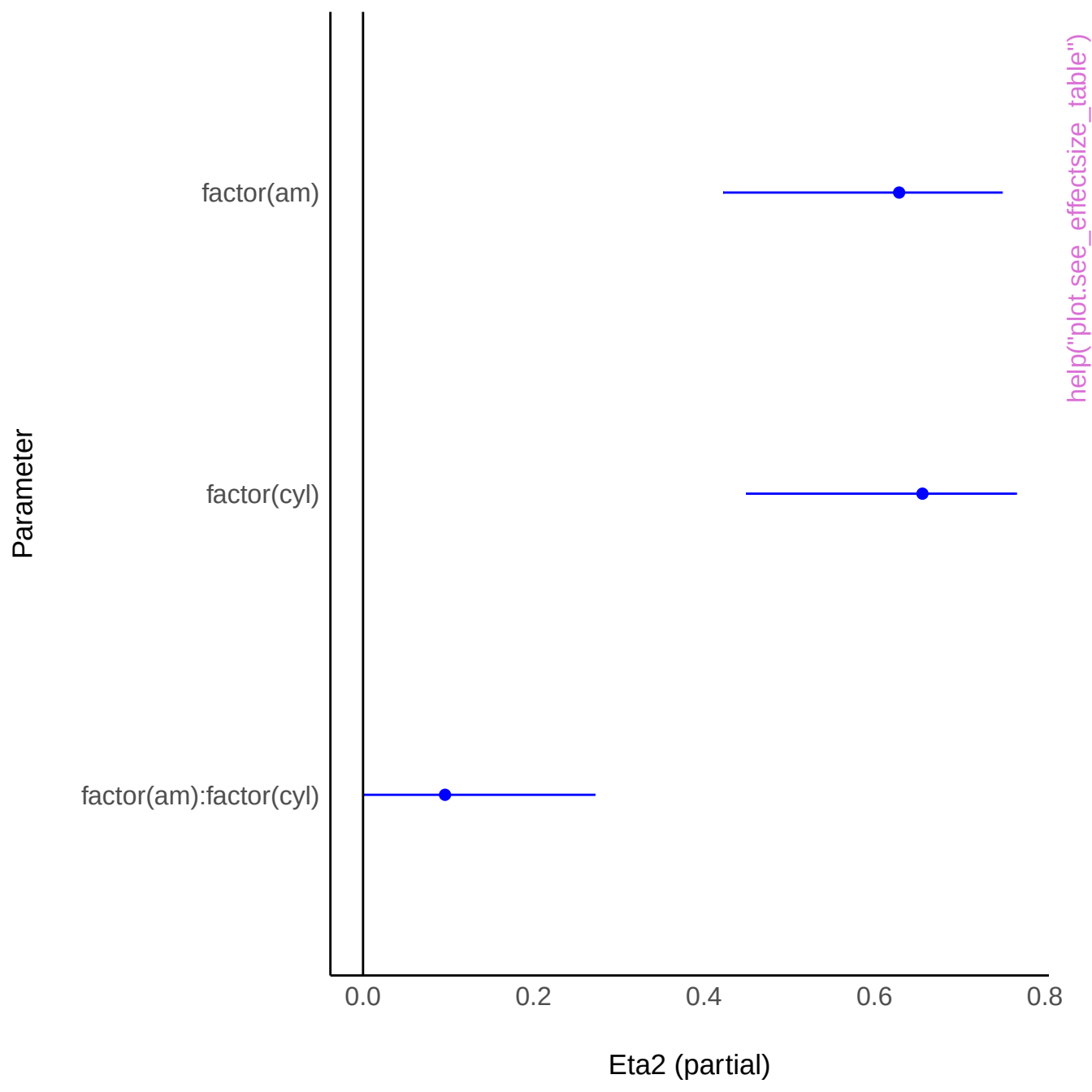

Species (versicolor)
Species (virginica)
Petal.Length
Species (versicolor) * Petal.Length
Species (virginica) * Petal.Length
Parameter
−4
−2
0
2
Estimate
Model
lm1
lm2
lm3
help("plot.see_compare_parameters")

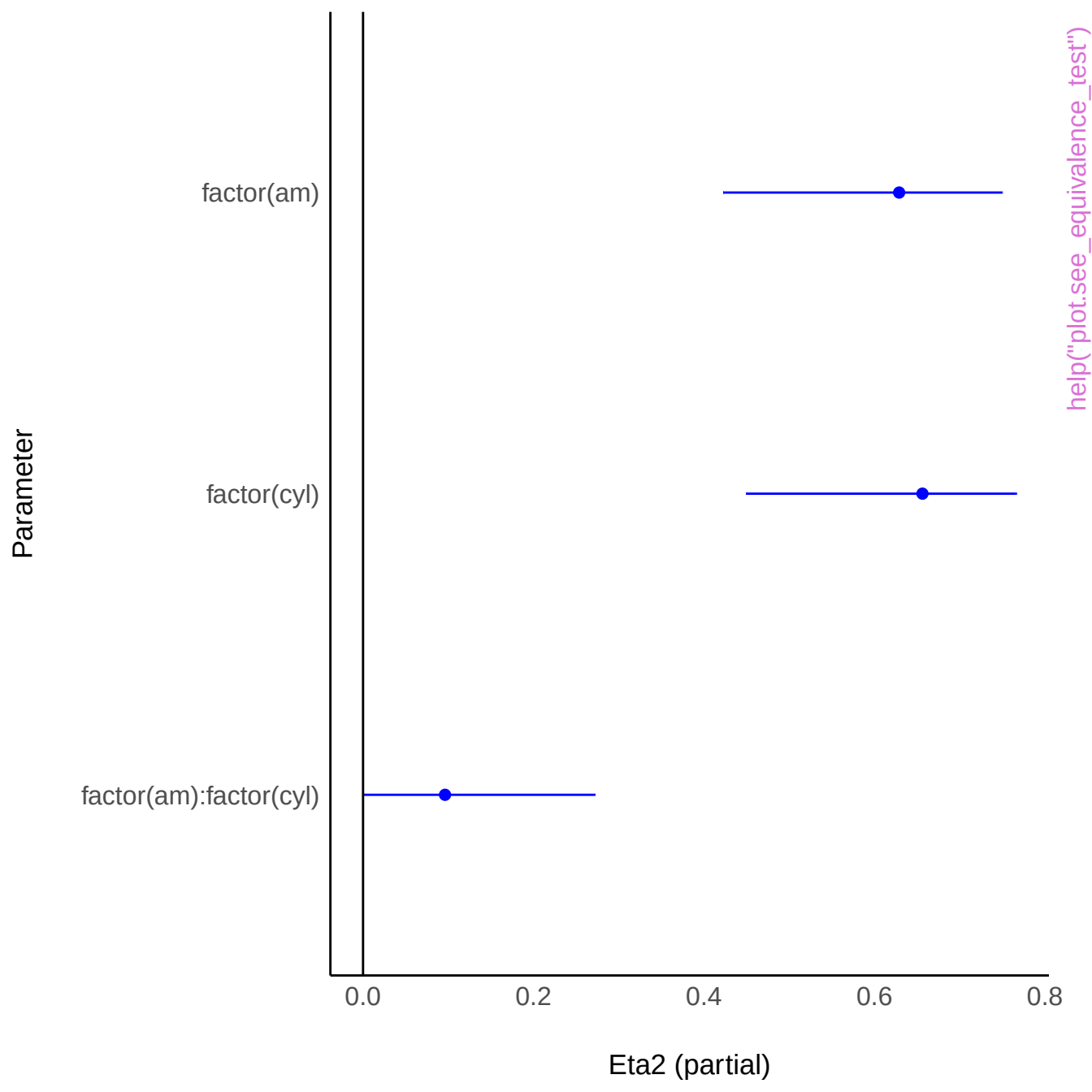
Comparison of Model Indices

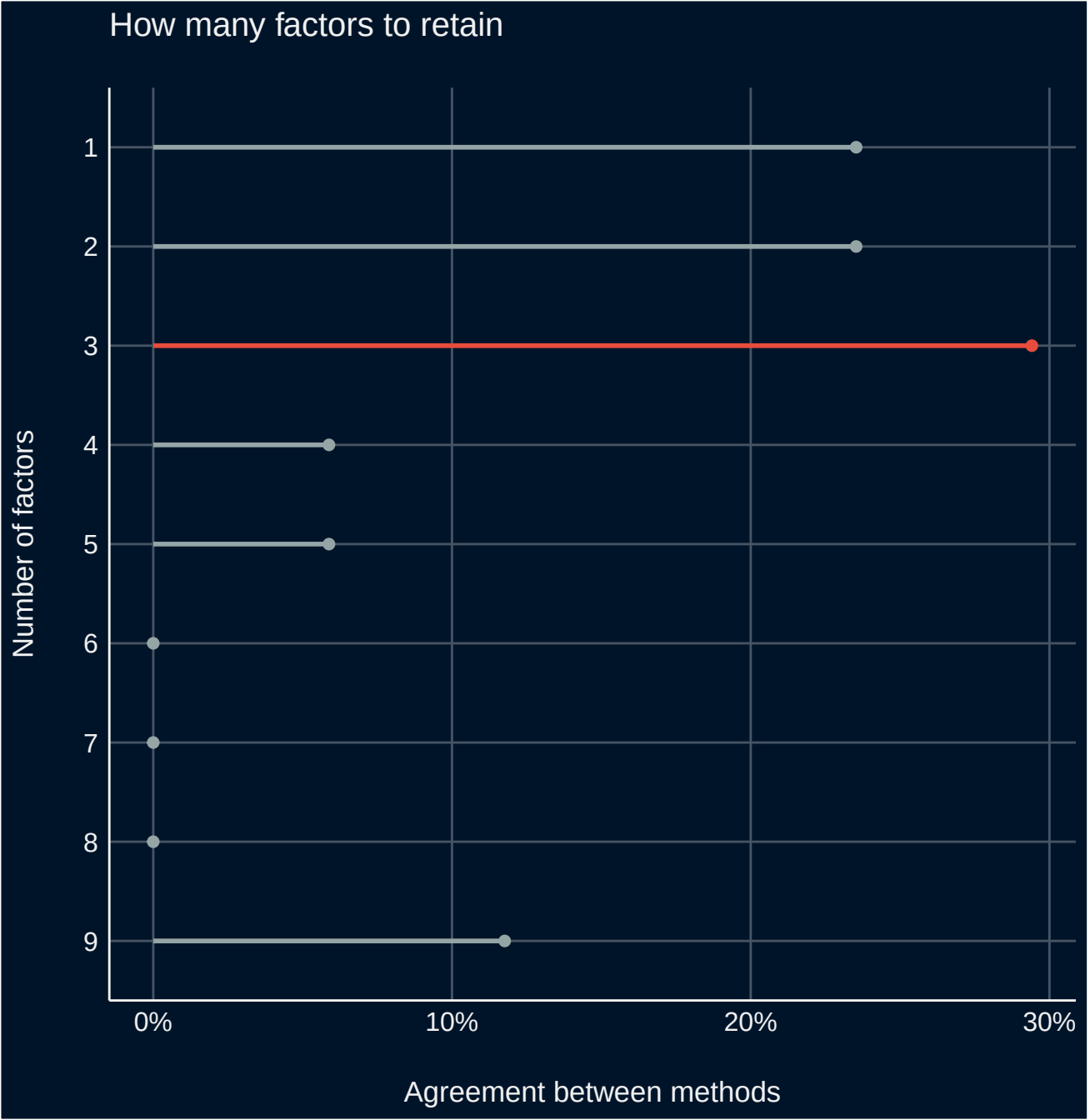


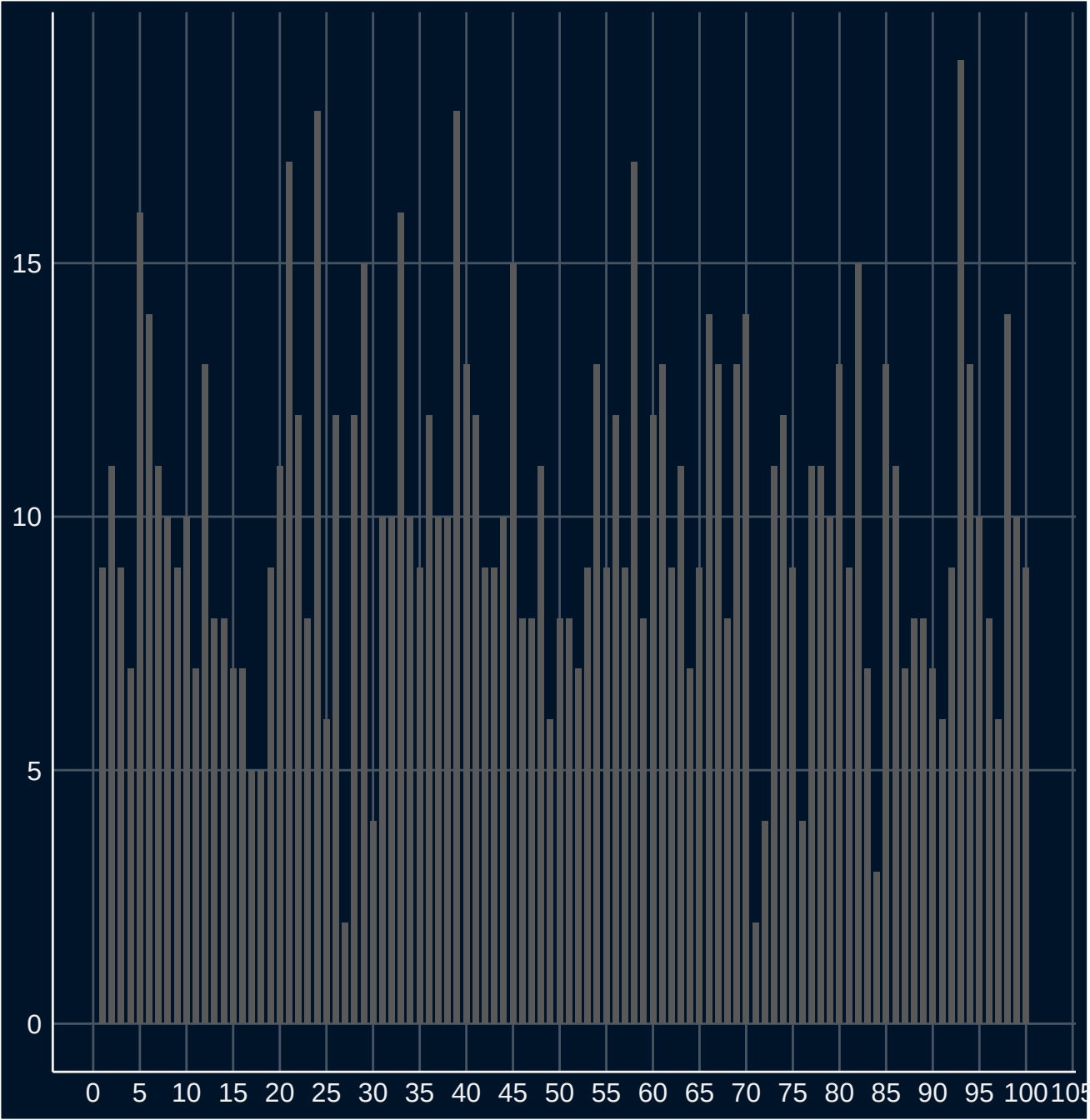
help("plot.see_compare_performance")

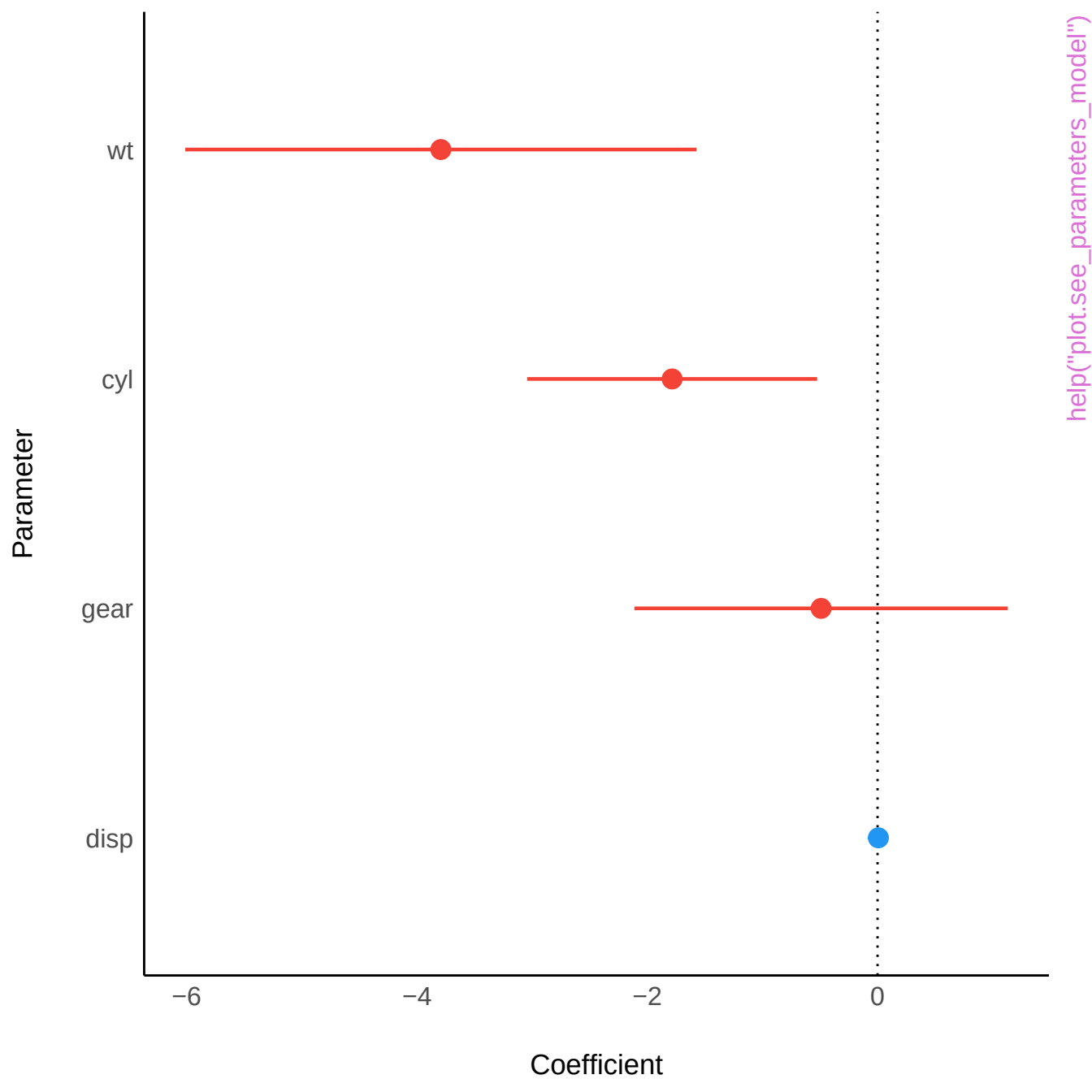

carb
gear
qsec
wt
drat
hp
disp
cyl
mpg
cyl
disp
hp
drat
wt
qsec
gear
r
1.0
0.5
0.0
−0.5
−1.0
help("plot.see_easycormatrix")

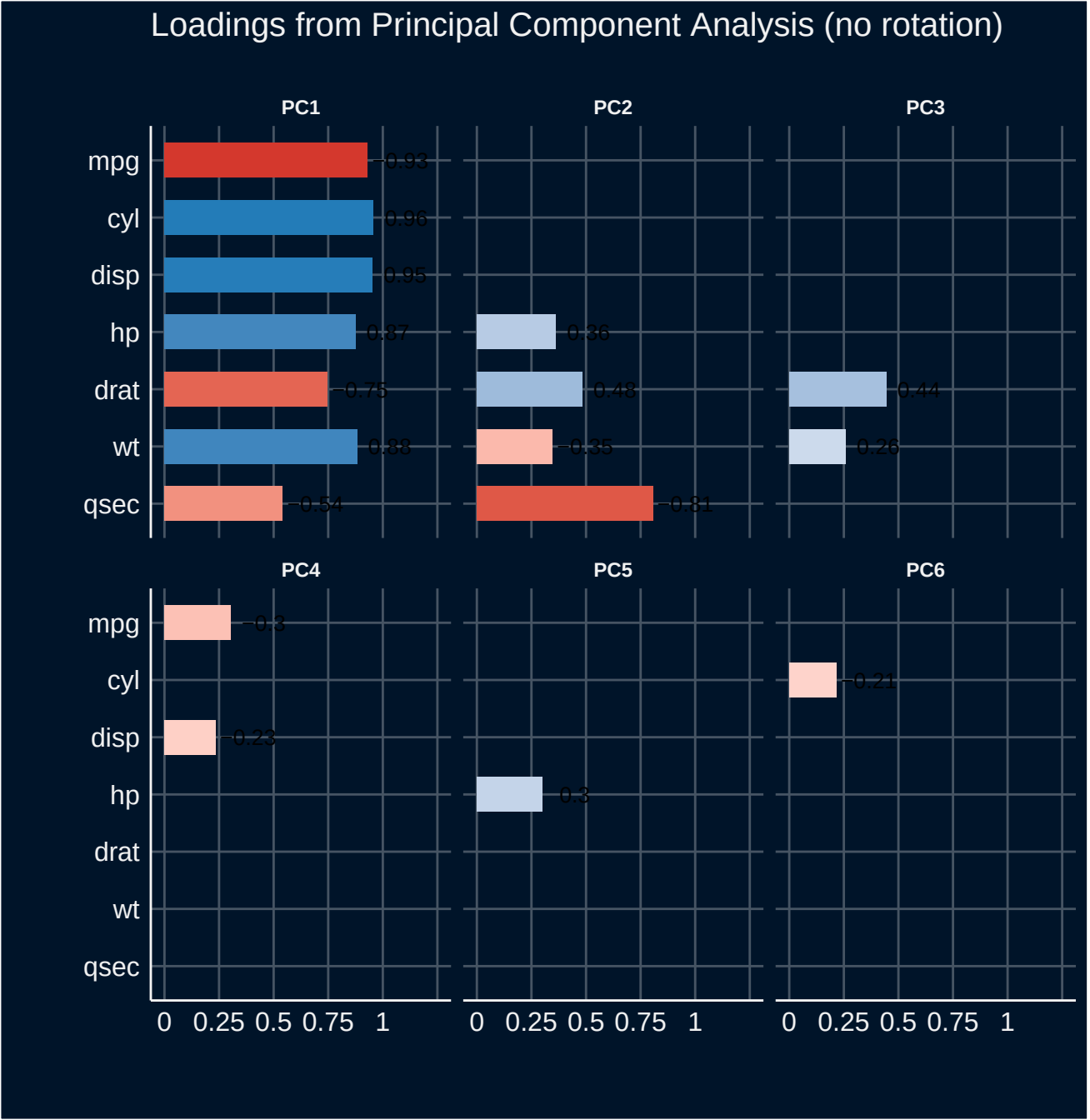

factor(am)
factor(cyl)
factor(am):factor(cyl)
Parameter
0.0
0.2
0.4
0.6
0.8
Eta2 (partial)
help("plot.see_effectsize_table")

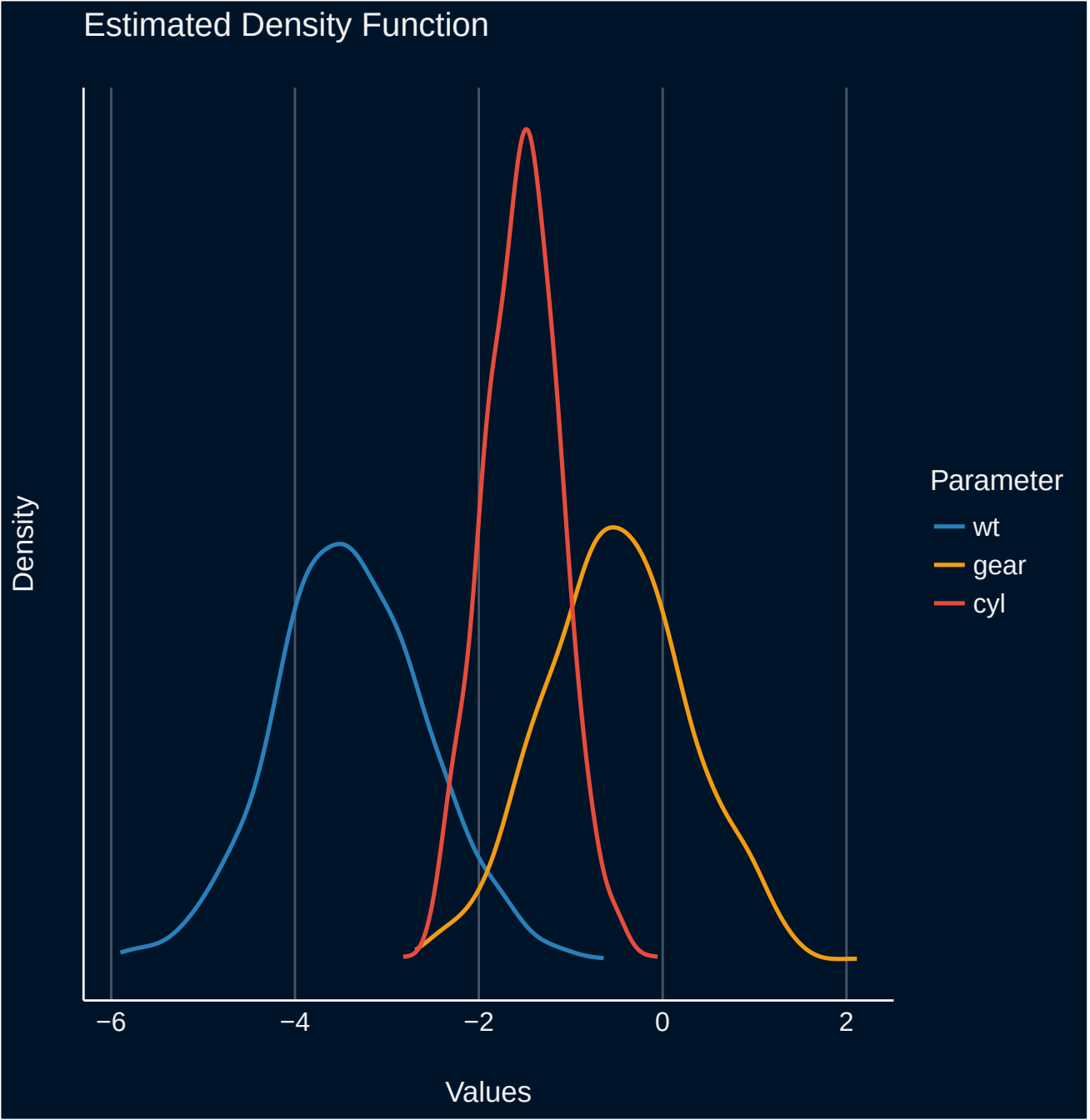

factor(am)
factor(cyl)
factor(am):factor(cyl)
Parameter
0.0
0.2
0.4
0.6
0.8
Eta2 (partial)
help("plot.see_equivalence_test")

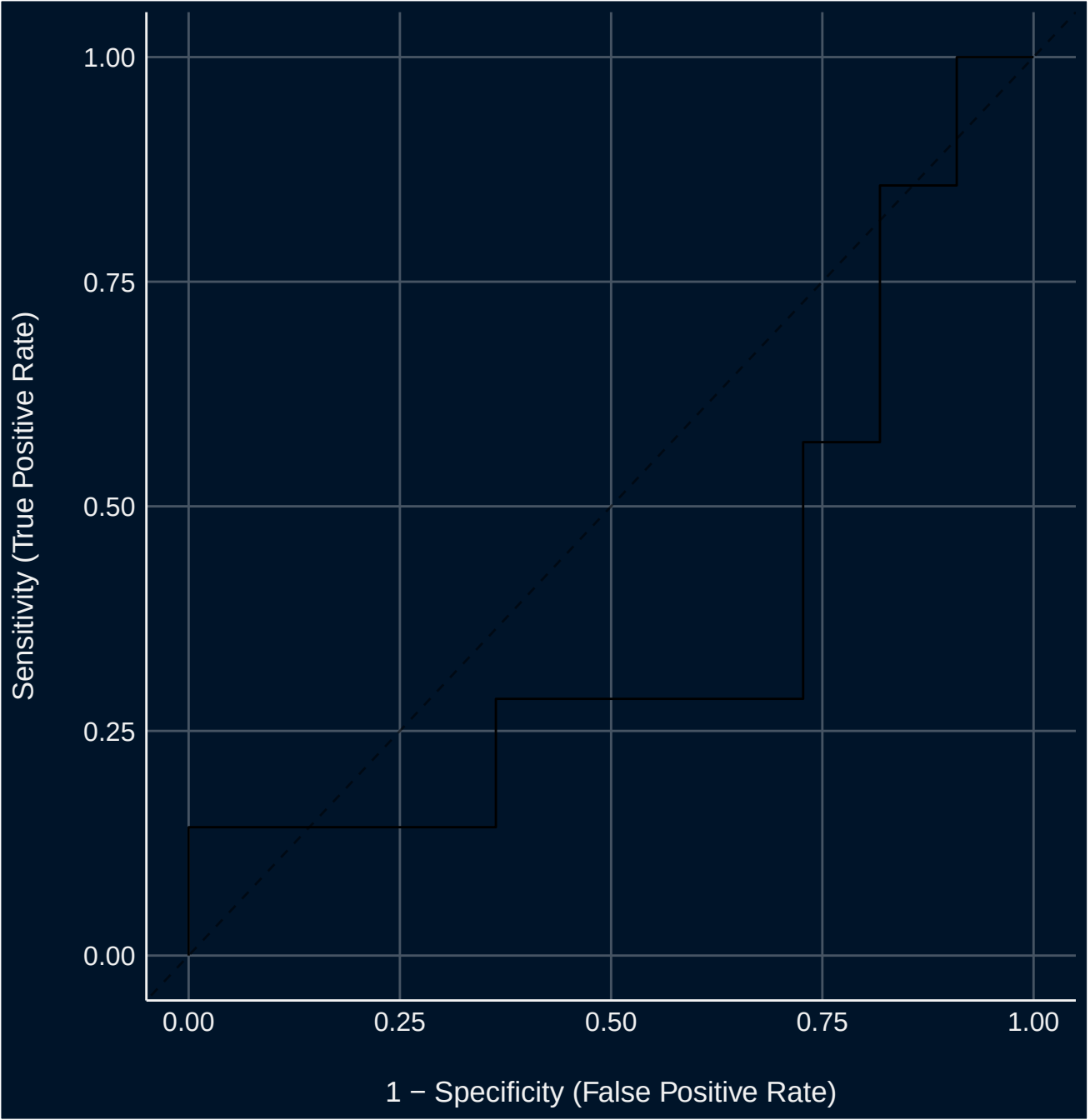

How many factors to retain
Number of factors
1
2
3
4
5
6
7
8
9
0%
10%
20%
30%
Agreement between methods
help("plot.see_n_factors")

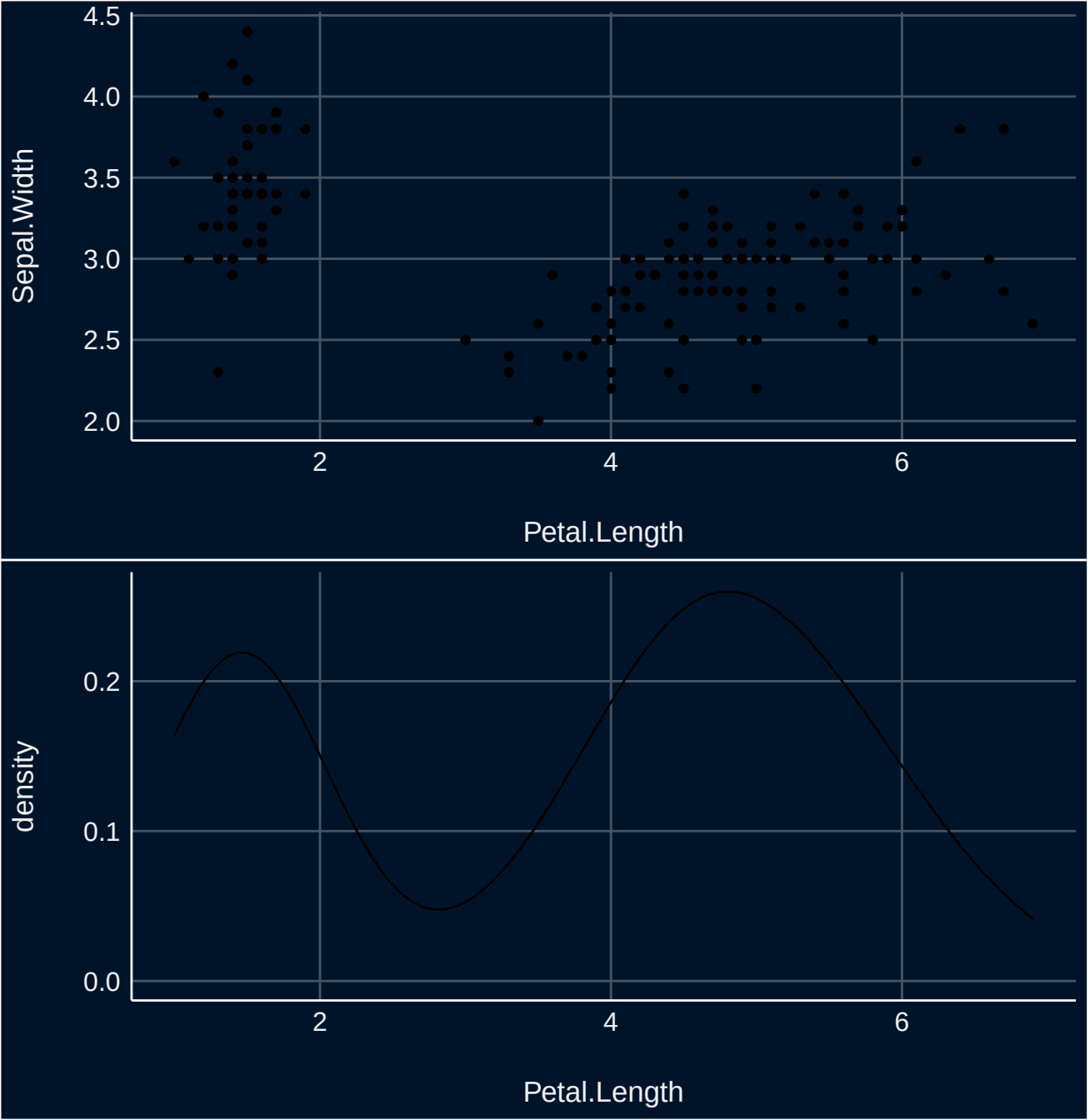

0
5
10
15
0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 105
help("plot.see_parameters_distribution")


wt
cyl
gear
disp
Parameter
−6
−4
−2
0
Coefficient
help("plot.see_parameters_model")


Loadings from Principal Component Analysis (no rotation)
PC1
PC2
PC3
PC4
PC5
PC6
mpg
cyl
disp
hp
drat
wt
qsec
−0.93
0.96
0.95
0.87
−0.75
0.88
−0.54
0.36
0.48
−0.35
−0.81
0.44
0.26
−0.3
−0.23
0.3
−0.21
0
0.25
0.5
0.75
1
help("plot.see_parameters_pca")


Estimated Density Function
Density
Values
−6
−4
−2
0
2
Parameter
wt
gear
cyl
help("plot.see_parameters_simulate")


1.00
0.75
0.50
0.25
0.00
Sensitivity (True Positive Rate)
0.00
0.25
0.50
0.75
1.00
1 − Specificity (False Positive Rate)
help("plot.see_performance_roc")


4.5
4.0
3.5
3.0
2.5
2.0
Sepal.Width
2
4
6
Petal.Length
help("plots")
0.2
0.1
0.0
density
2
4
6
Petal.Length

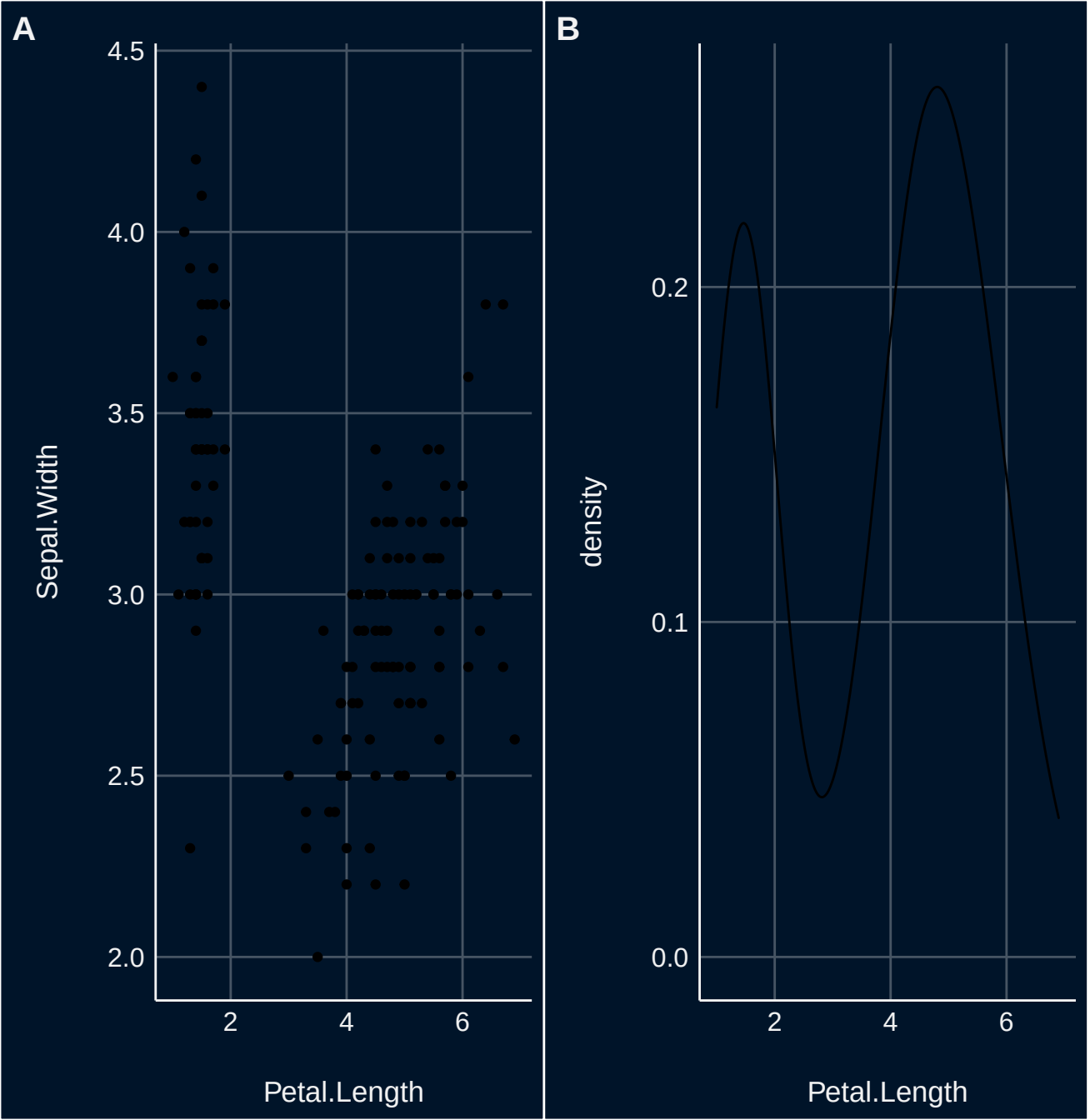

A
4.5
4.0
3.5
3.0
2.5
2.0
Sepal.Width
2
4
6
Petal.Length
B
0.2
0.1
0.0
density
2
4
6
Petal.Length
help("plots")

Fig. 1

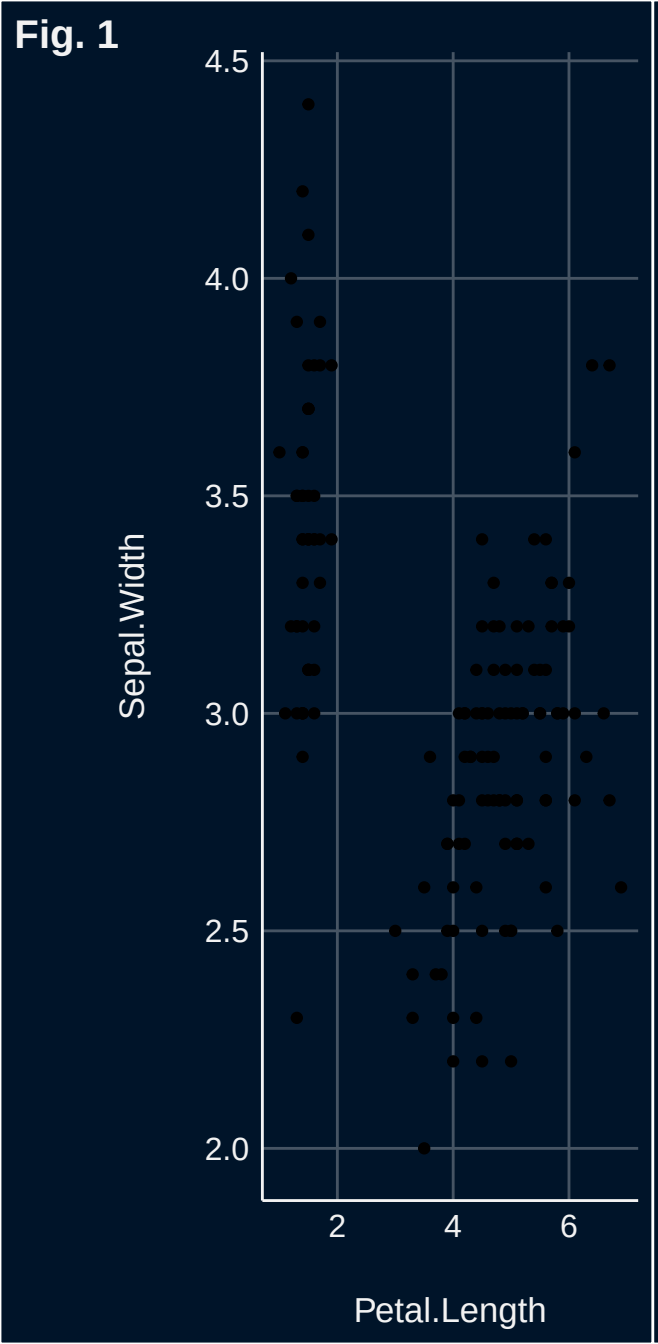
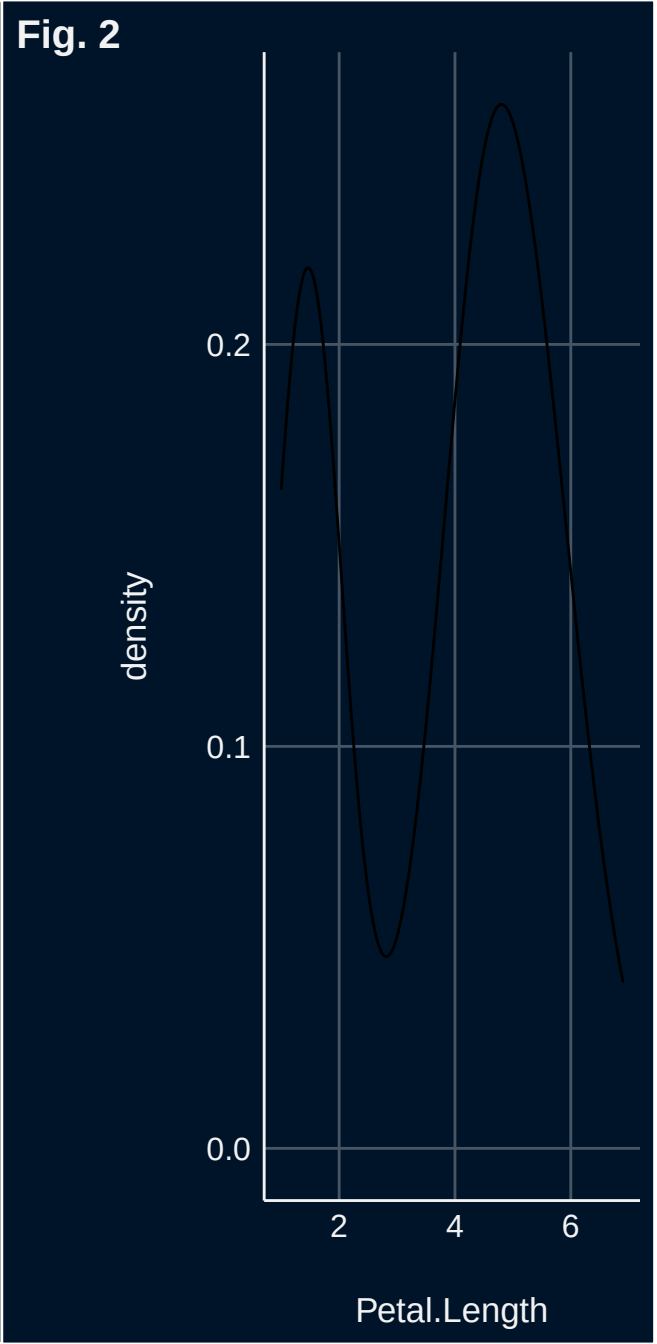
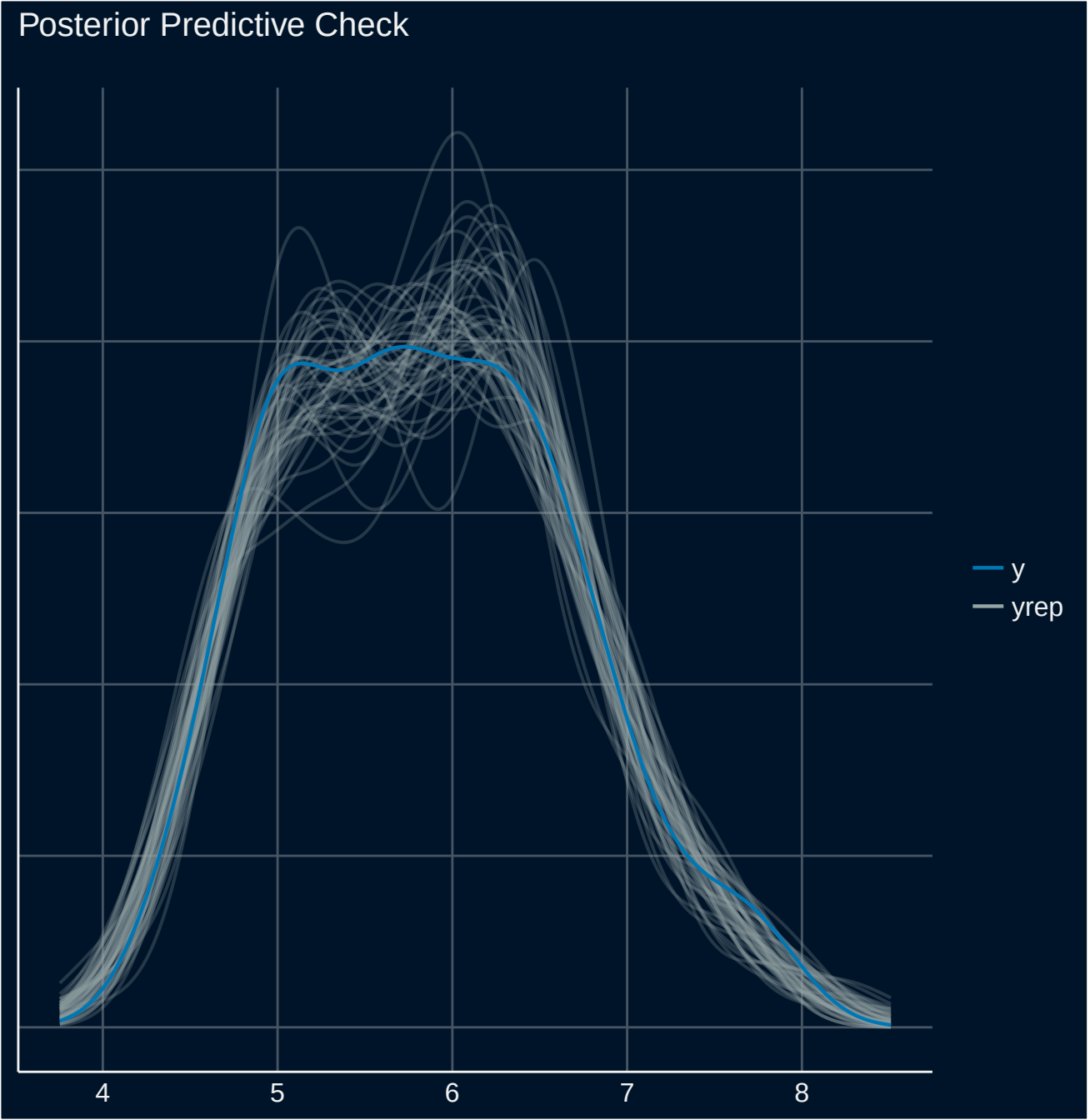
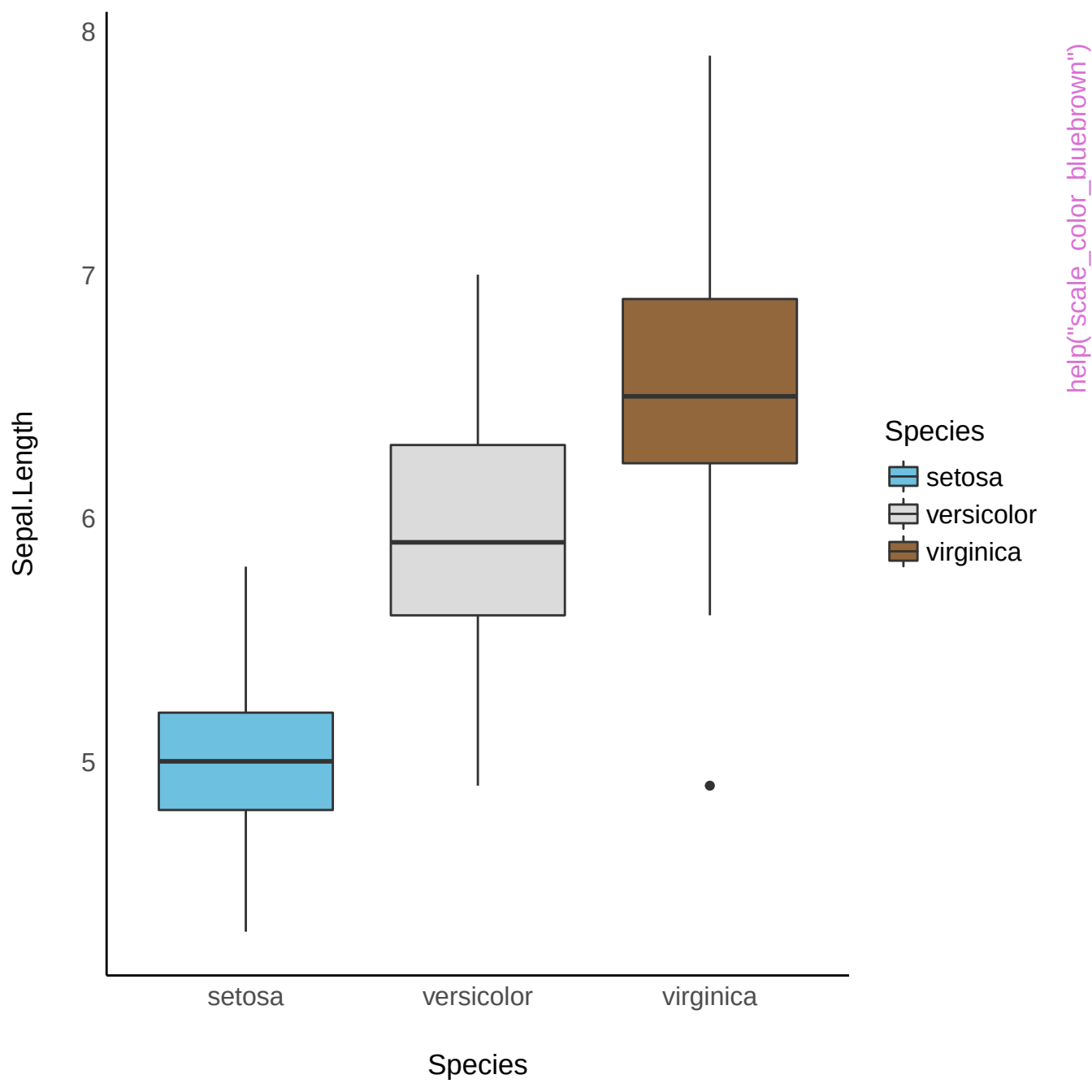


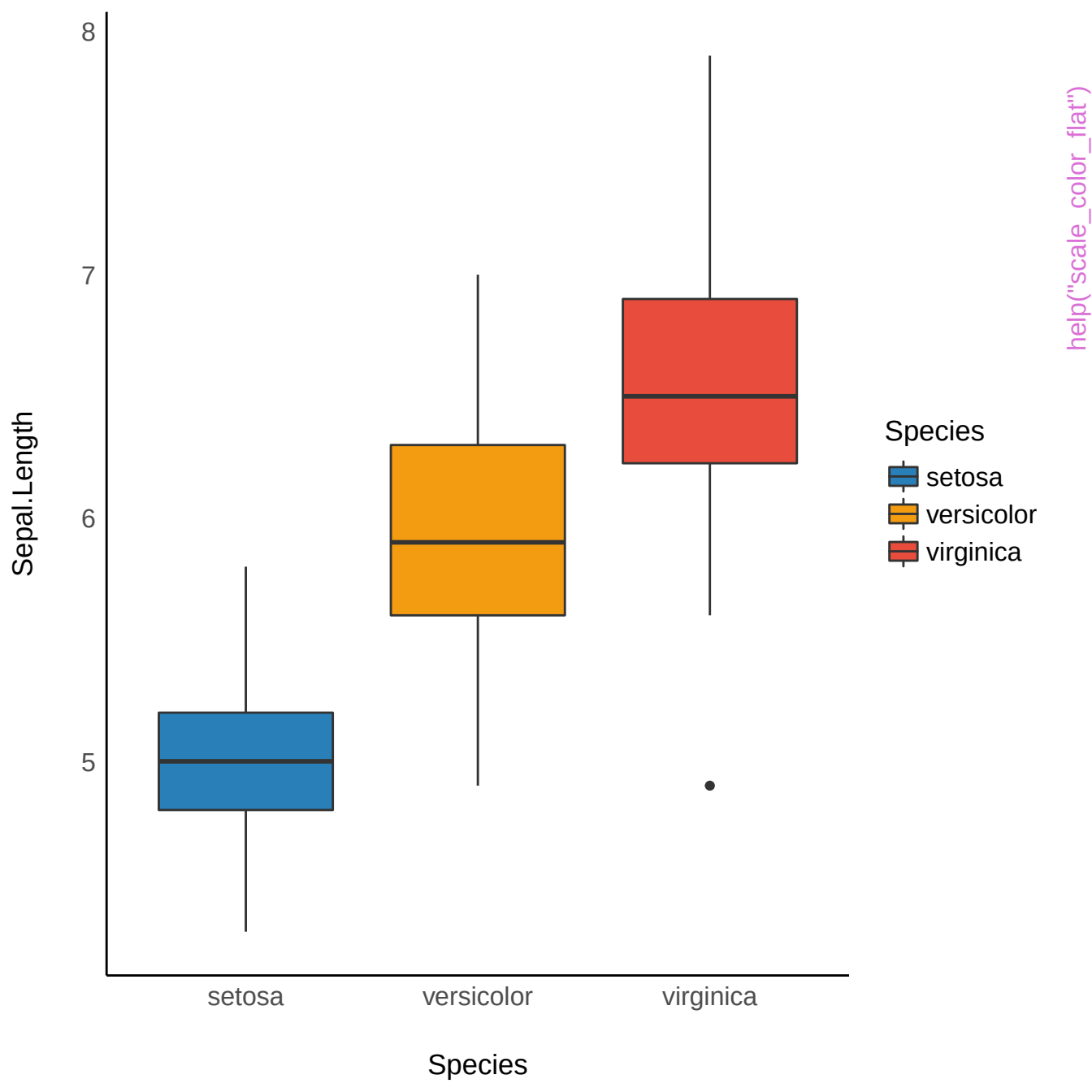
Fig. 2

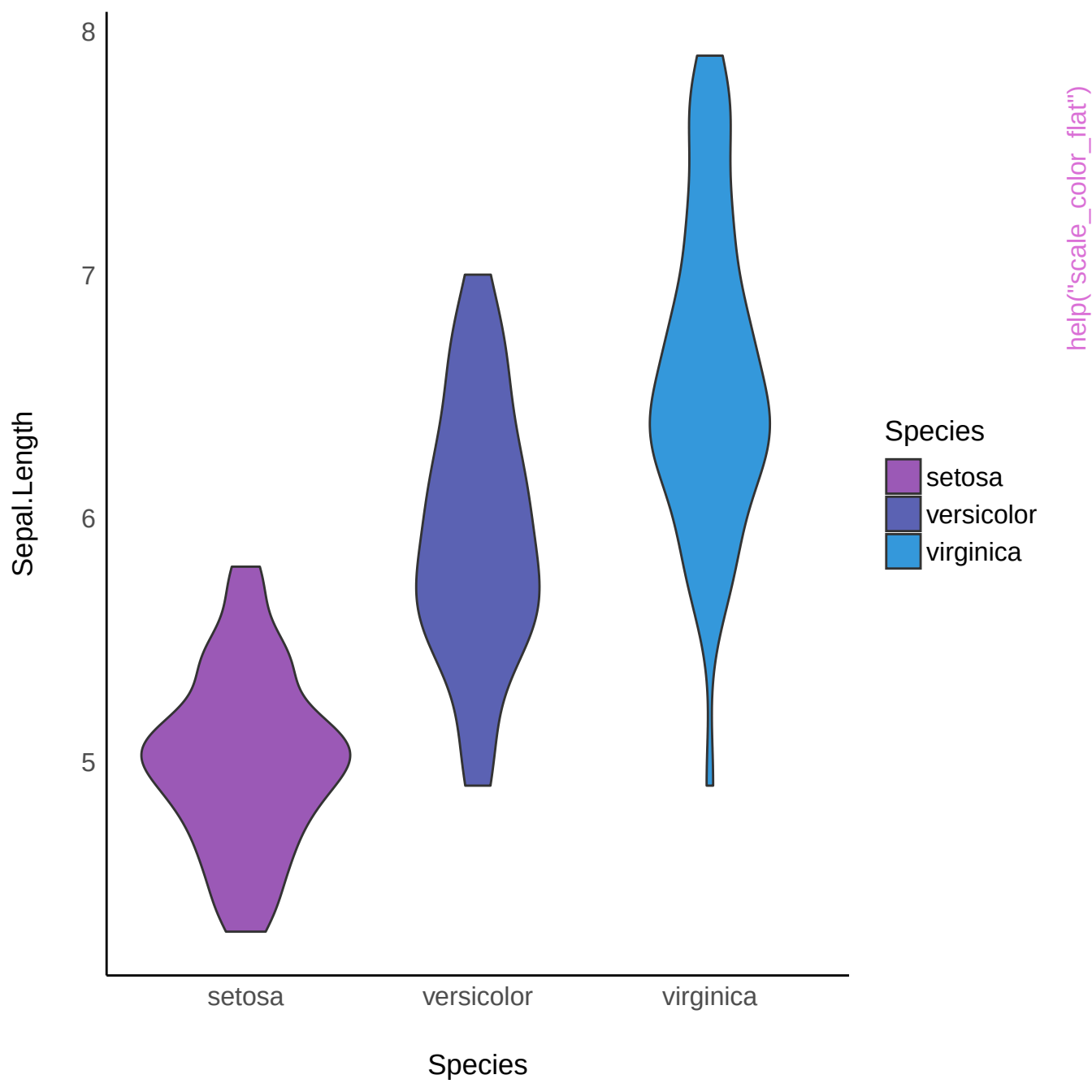


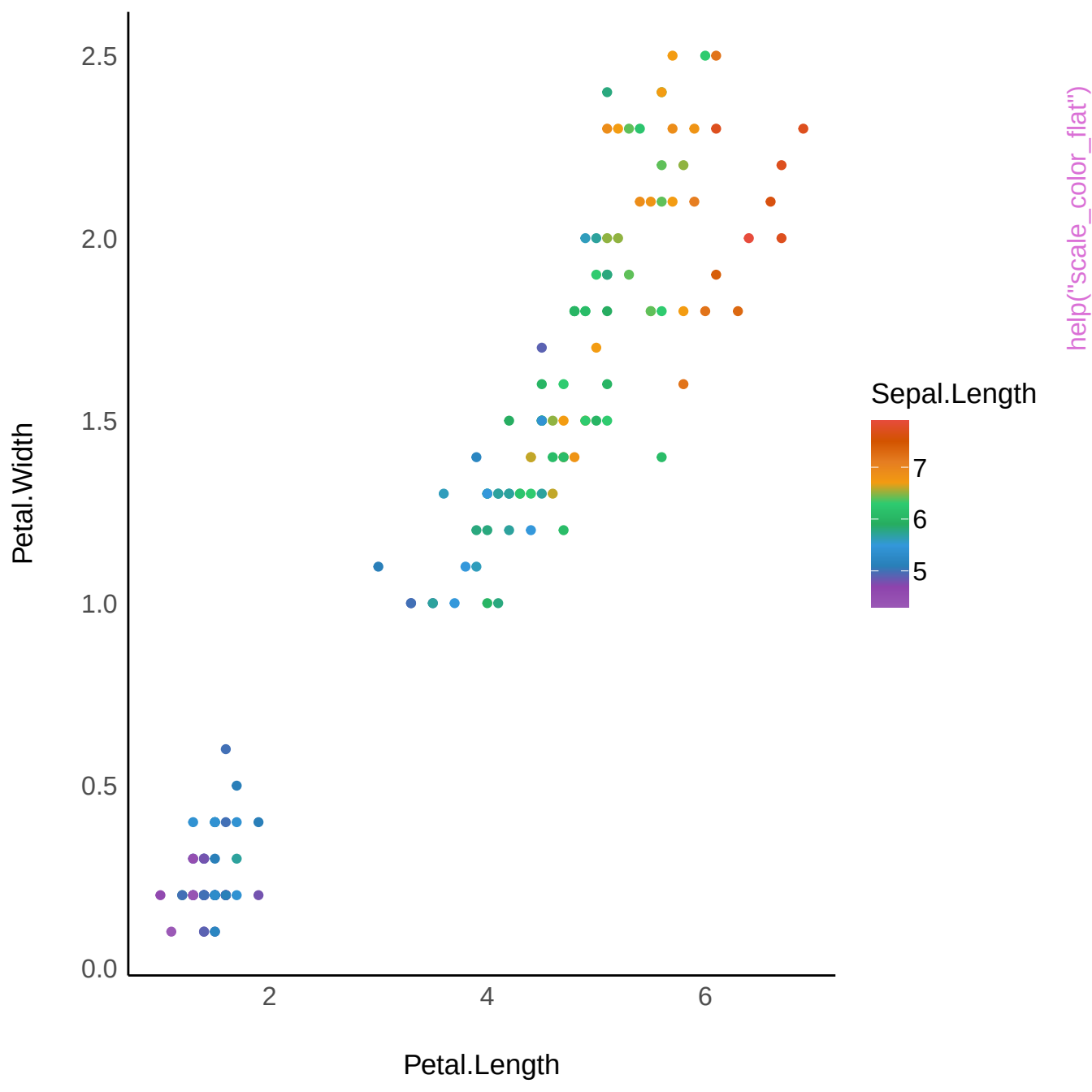
help("plots")

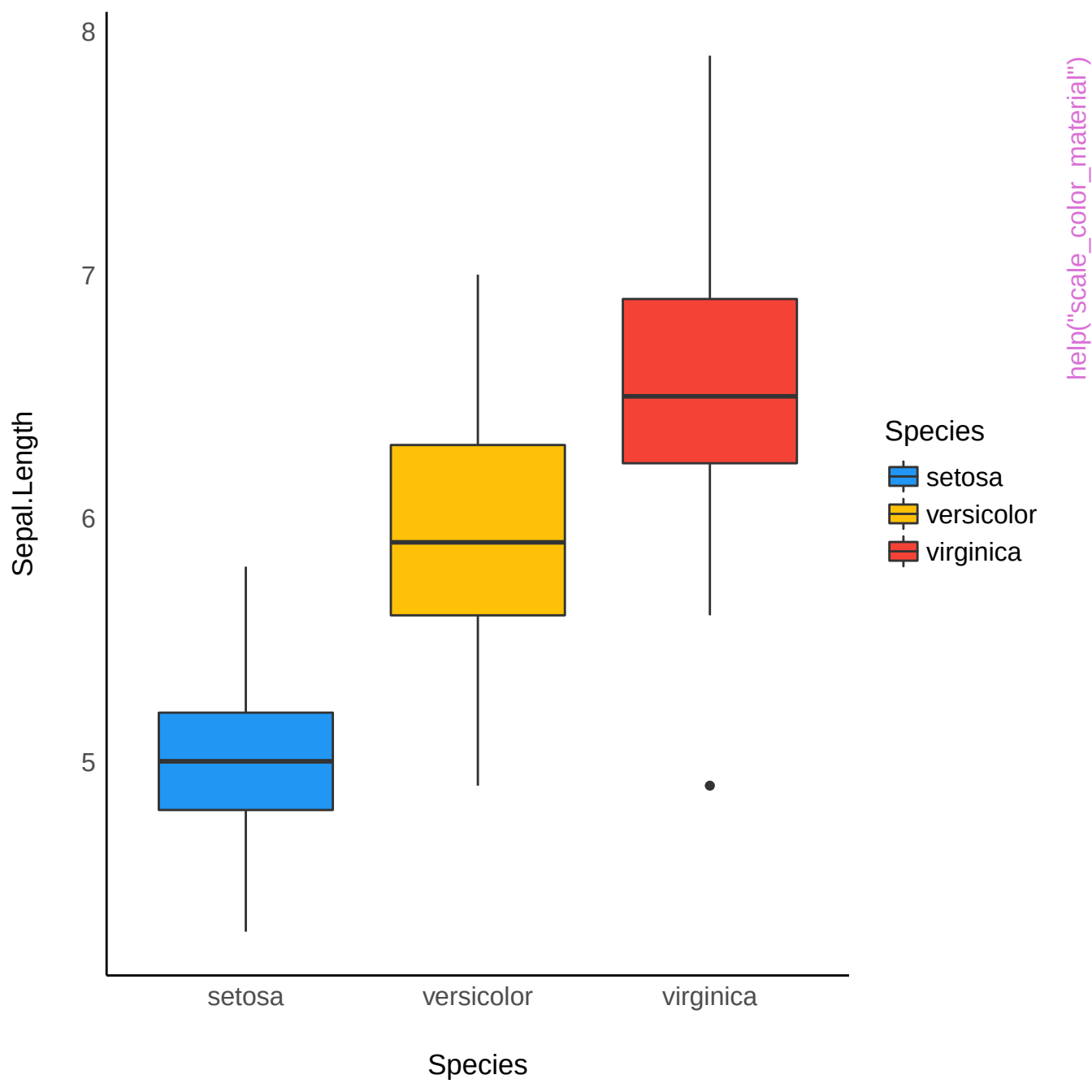

Posterior Predictive Check
y
yrep
4
5
6
7
8
help("print.see_performance_pp_check")

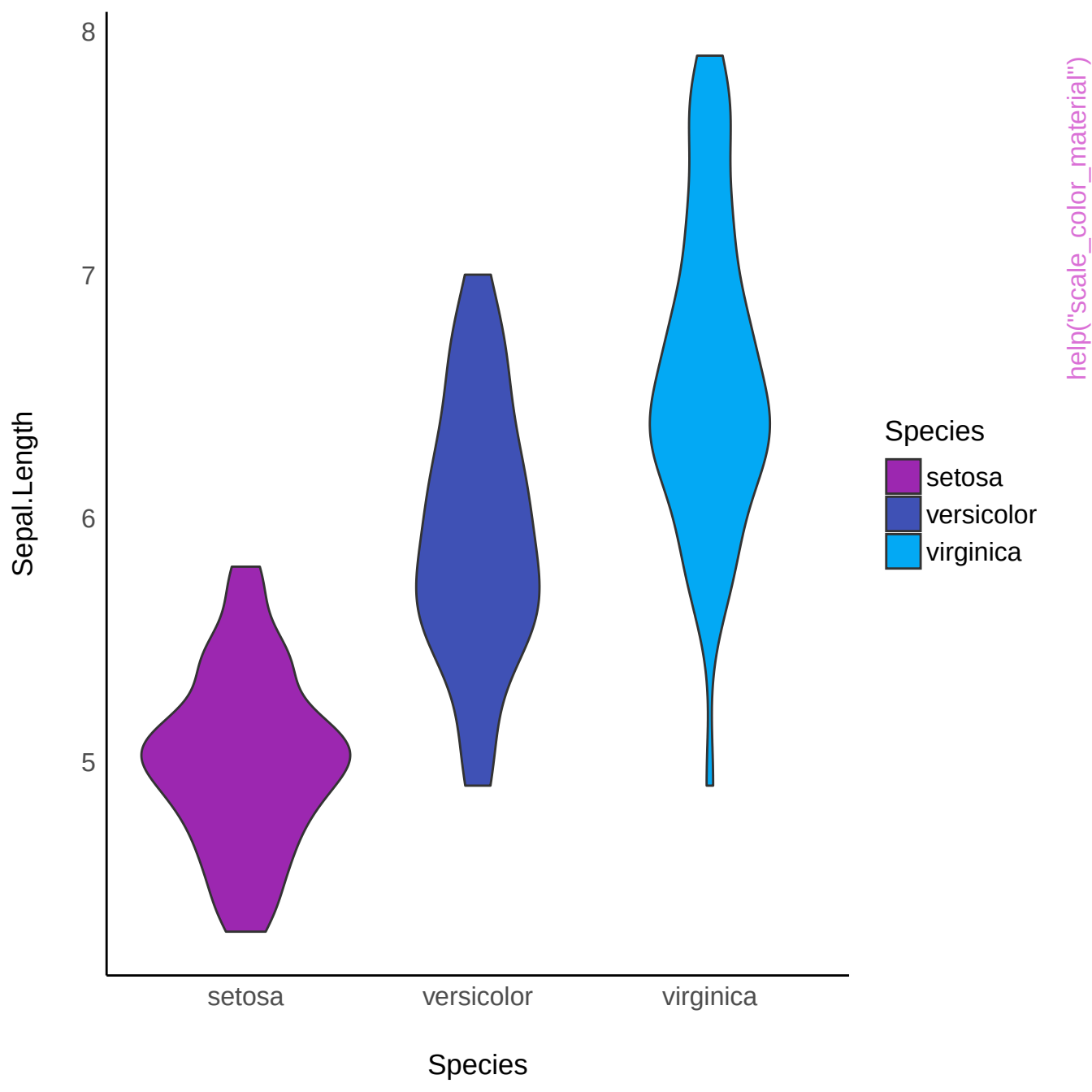

8
7
6
5
Sepal.Length
setosa
versicolor
virginica
Species
Species
setosa
versicolor
virginica
help("scale_color_bluebrown")

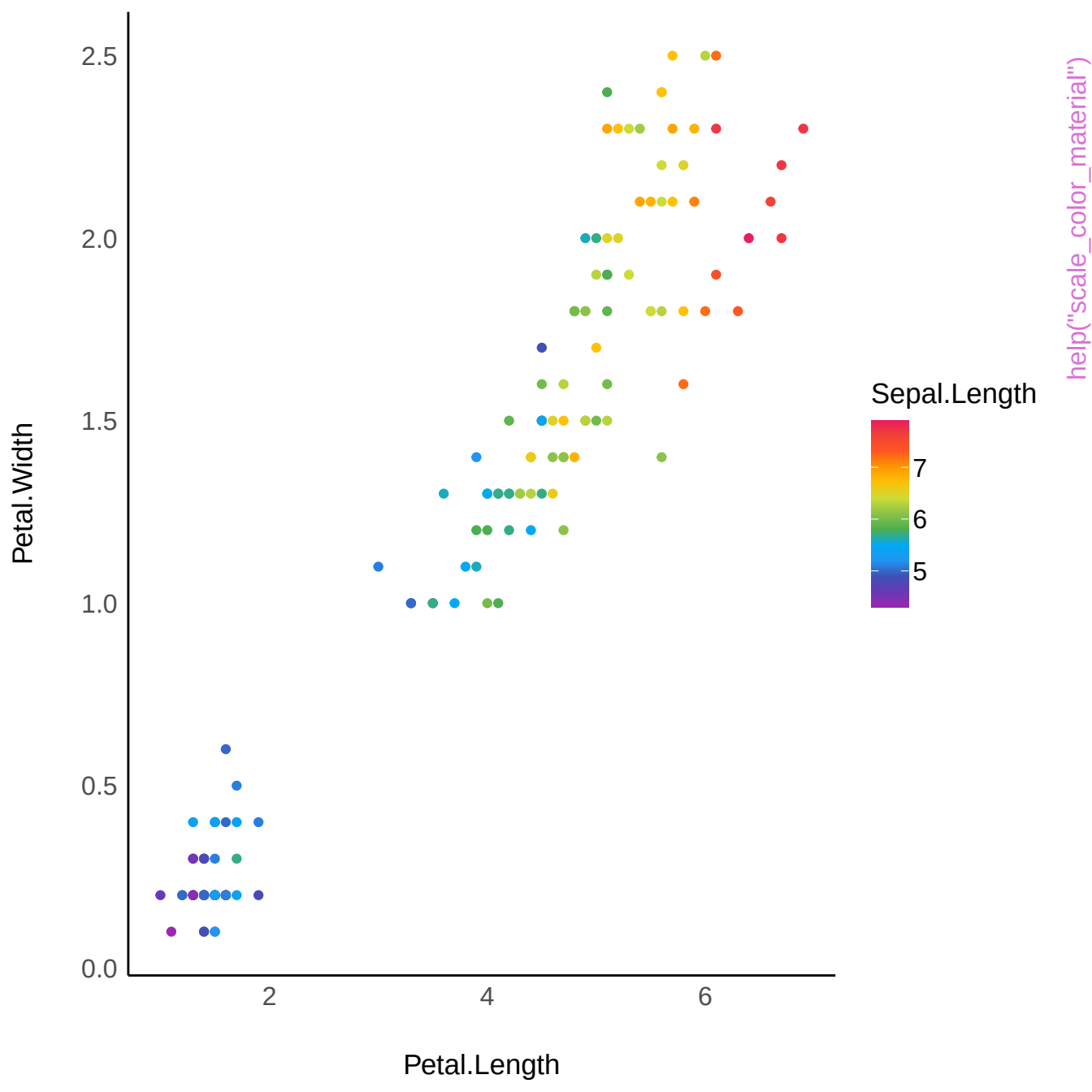

8
7
6
5
Sepal.Length
setosa
versicolor
virginica
Species
Species
setosa
versicolor
virginica
help("scale_color_flat")

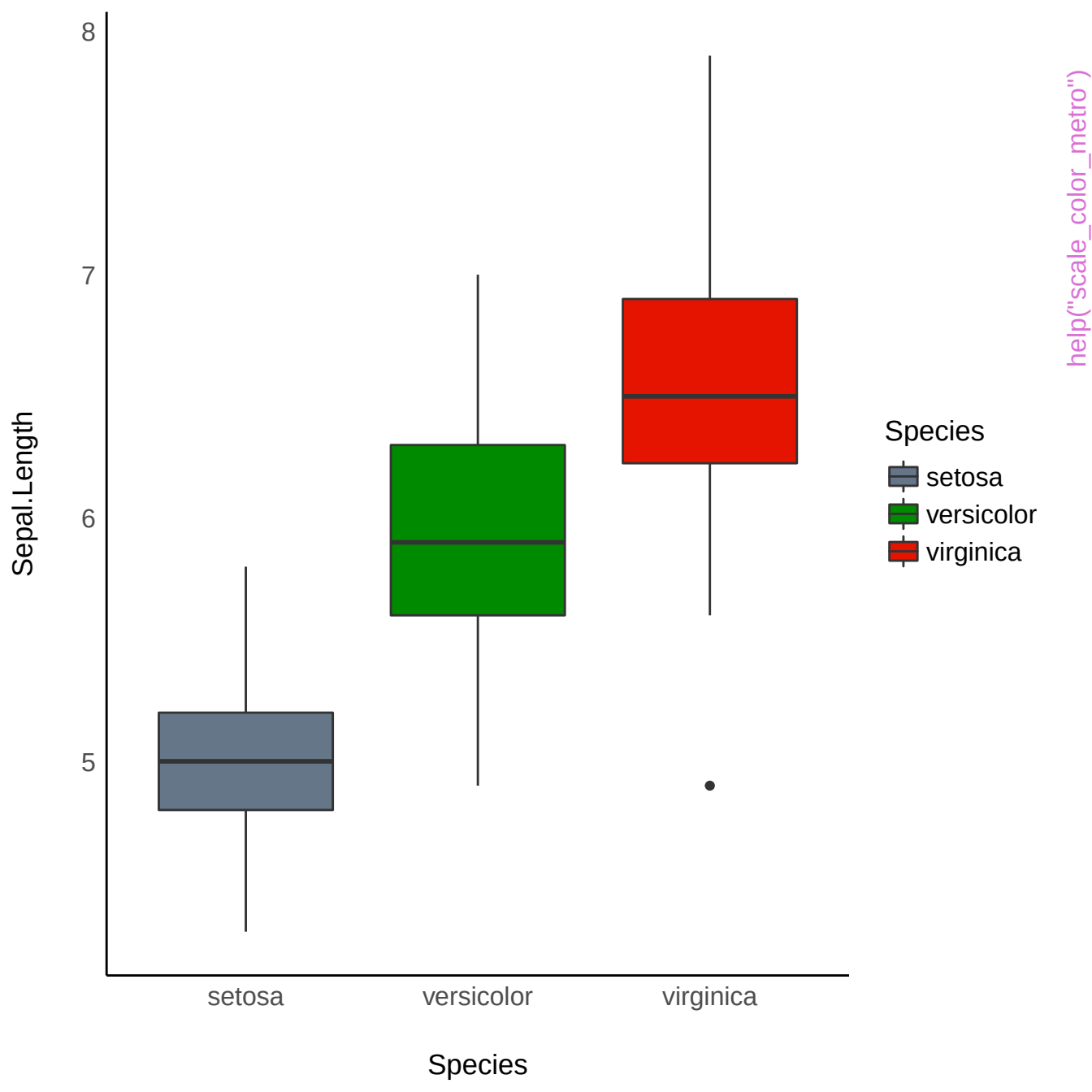

8
7
6
5
Sepal.Length
setosa
versicolor
virginica
Species
Species
setosa
versicolor
virginica
help("scale_color_flat")

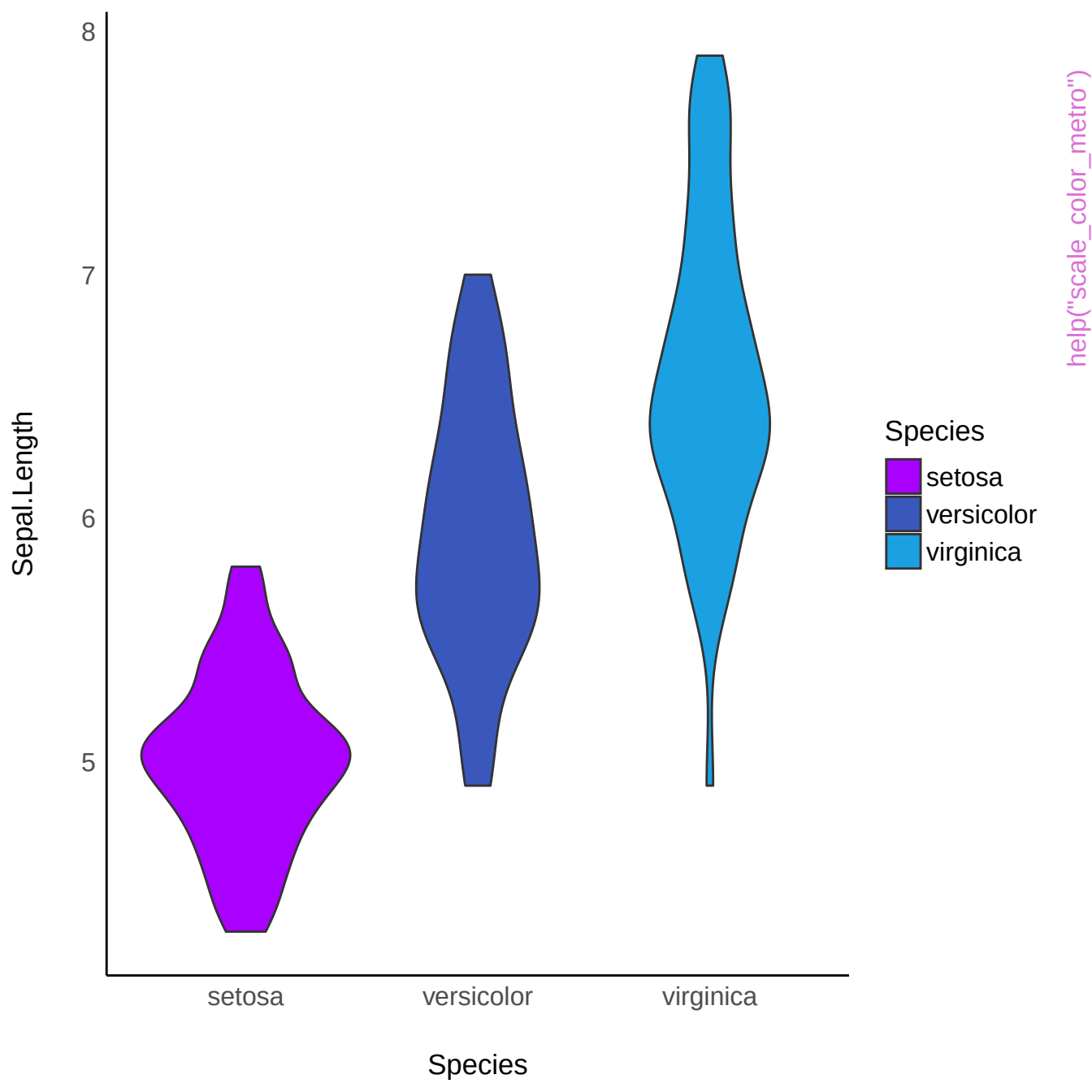

help("scale_color_flat")
Sepal.Length
7
6
5
Petal.Width
2.5
2.0
1.5
1.0
0.5
0.0
2
4
6
Petal.Length


8
7
6
5
Sepal.Length
setosa
versicolor
virginica
Species
Species
setosa
versicolor
virginica
help("scale_color_material")


8
7
6
5
Sepal.Length
setosa
versicolor
virginica
Species
Species
setosa
versicolor
virginica
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_material")


8
7
6
5
Sepal.Length
setosa
versicolor
virginica
Species
Species
setosa
versicolor
virginica
help("scale_color_metro")


8
7
6
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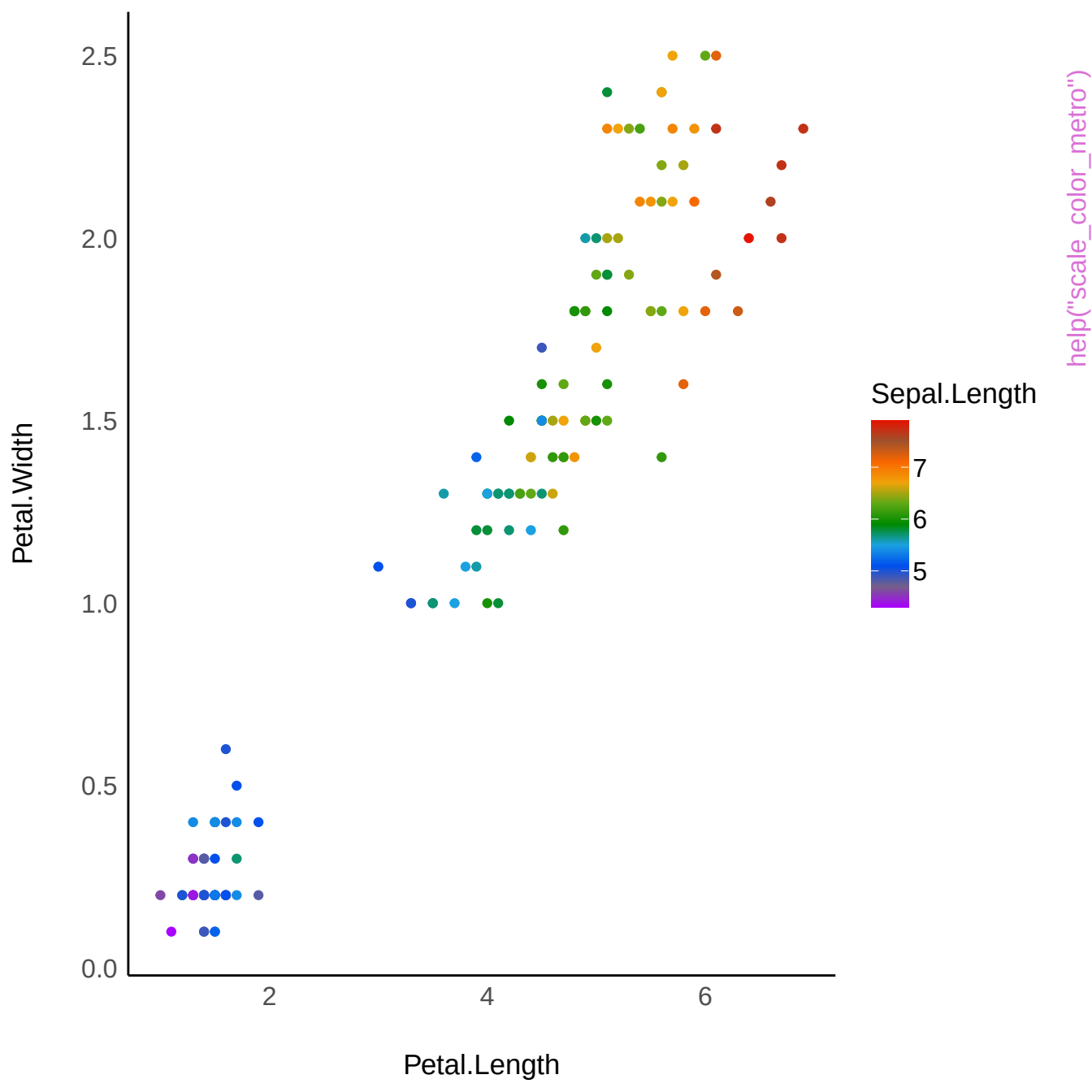
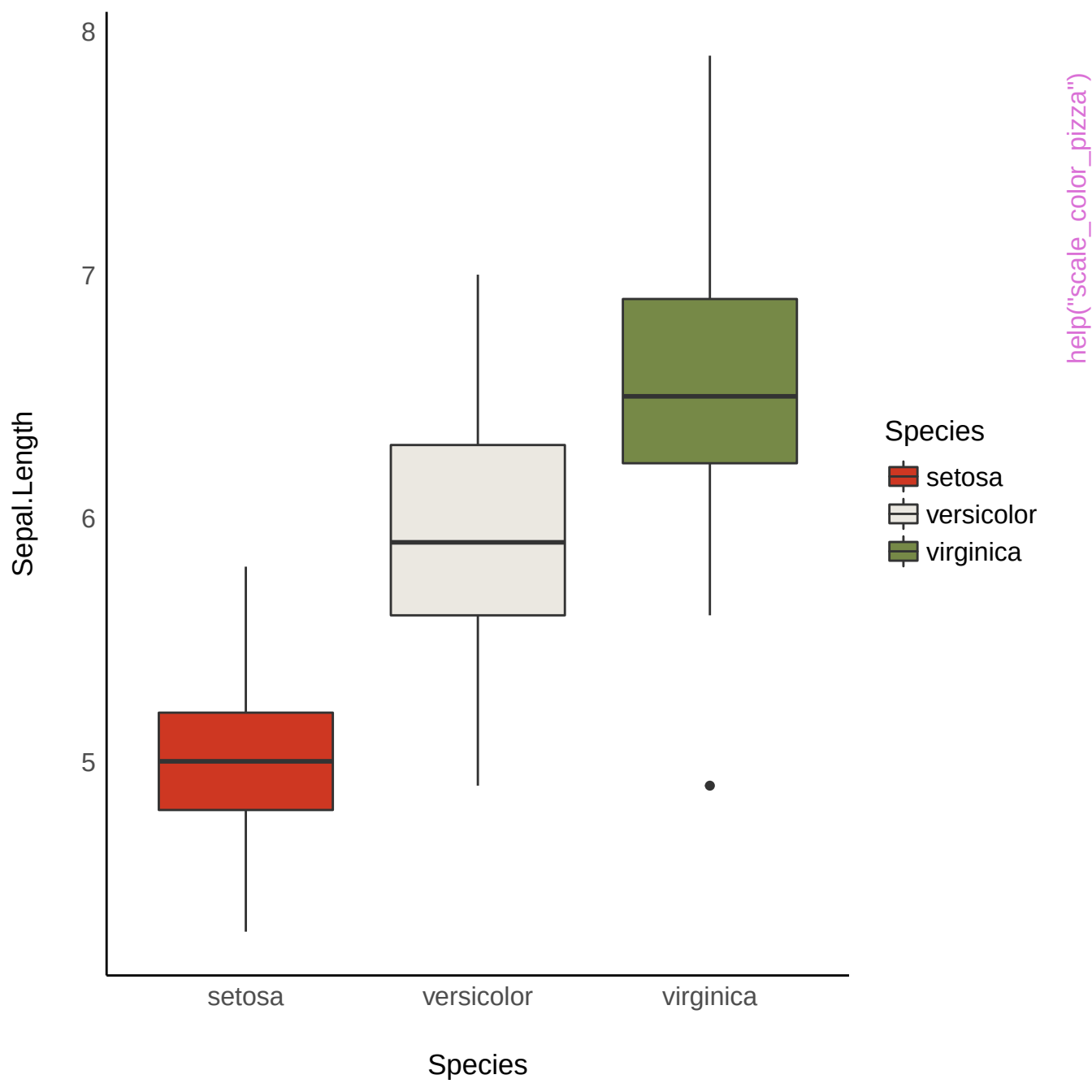
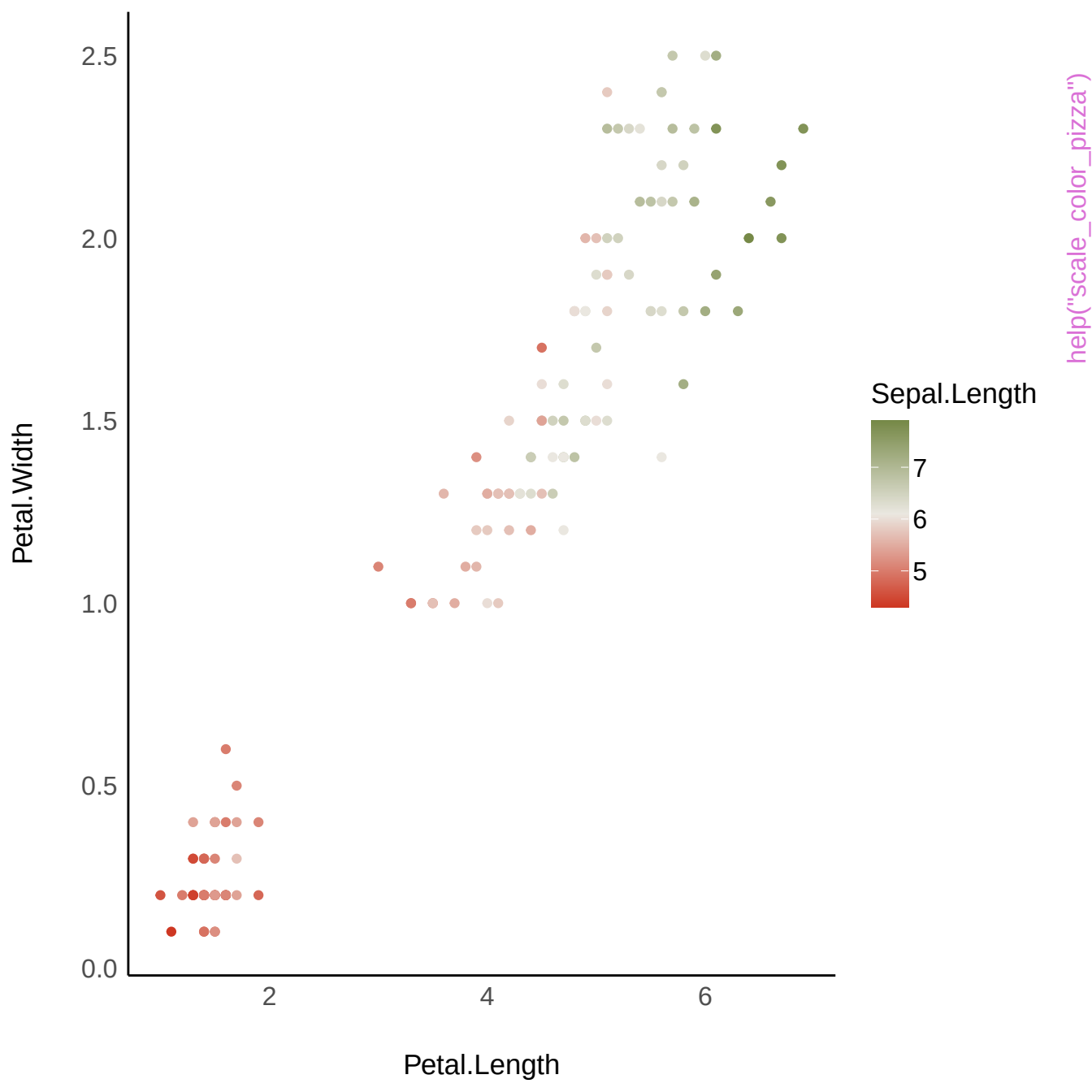
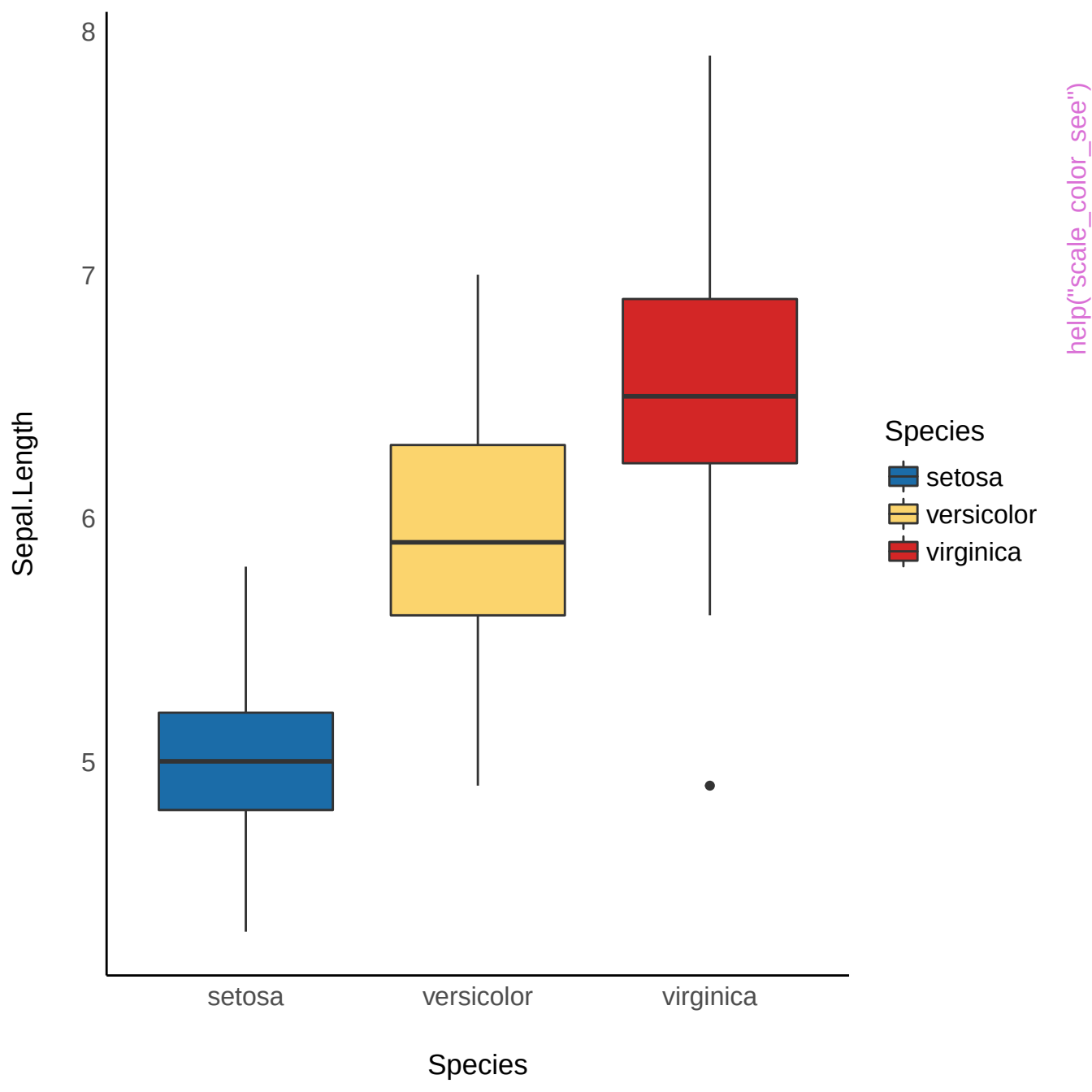
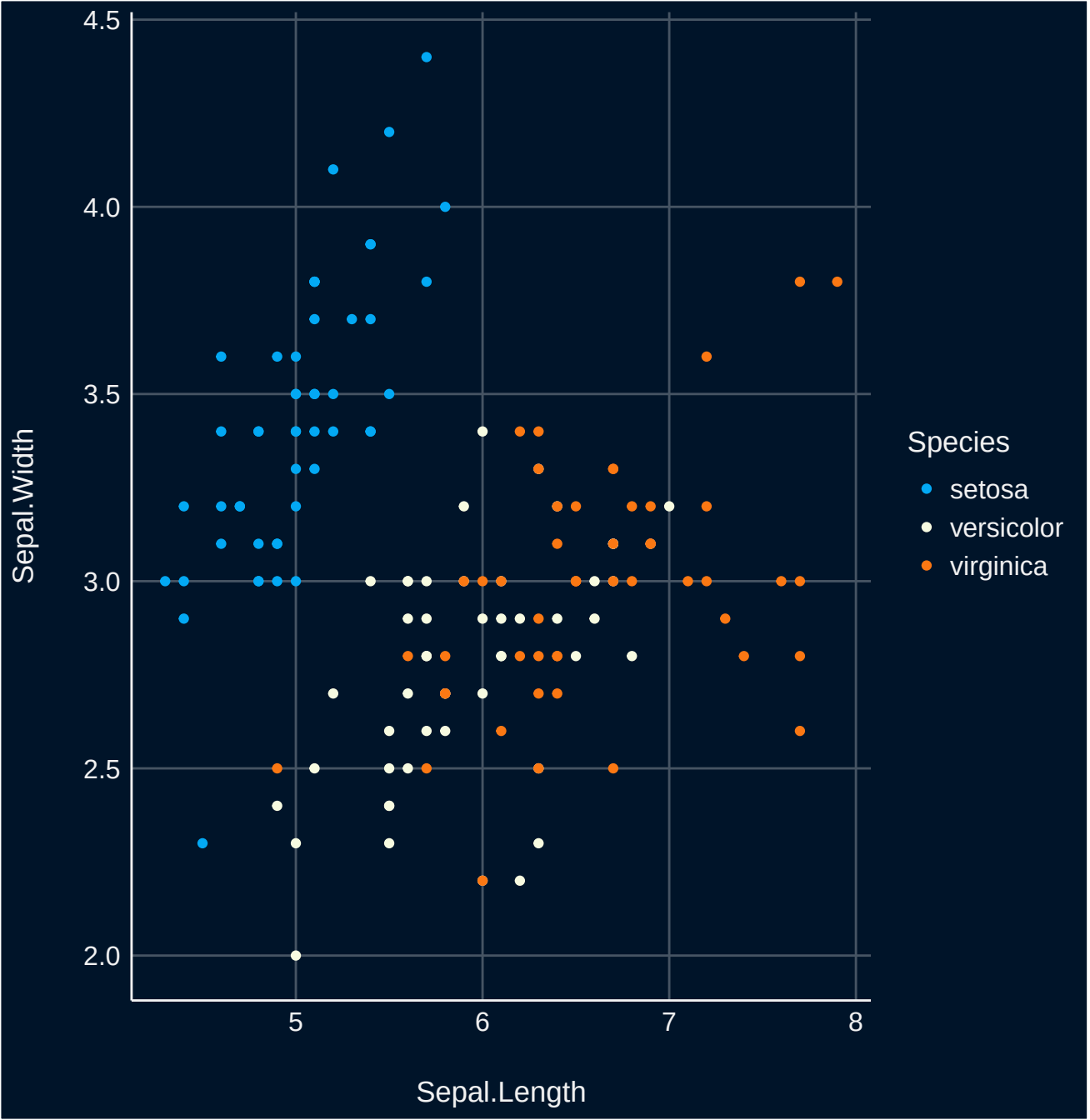
Sepal.Length
setosa
versicolor
virginica
Species
Species
setosa
versicolor
virginica
help("scale_color_metro")

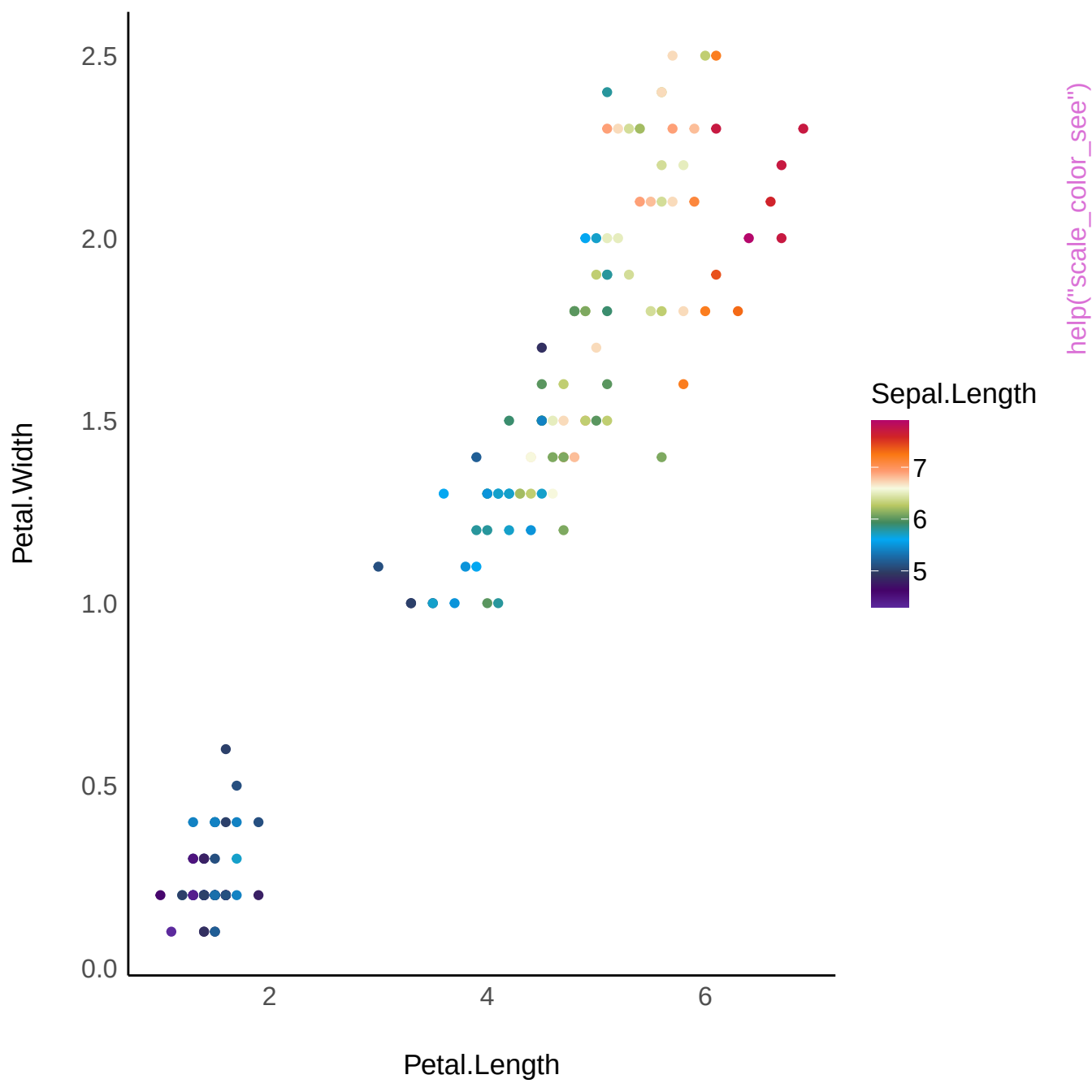

2.5
2.0
1.5
1.0
0.5
0.0
Petal.Width
2
4
6
Petal.Length
Sepal.Length
7
6
5
help("scale_color_metro")

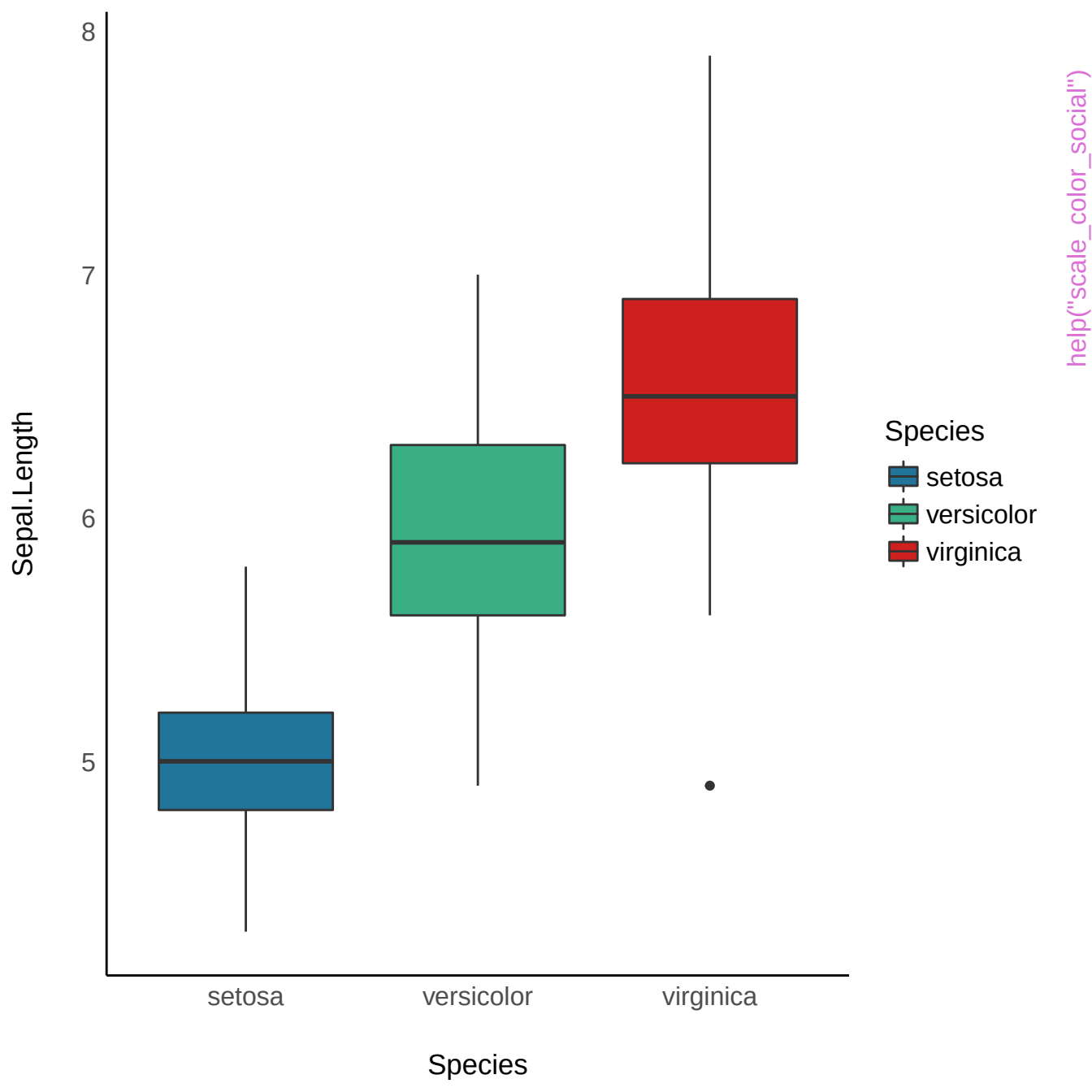

8
7
6
5
Sepal.Length
setosa
versicolor
virginica
Species
Species
setosa
versicolor
virginica
help("scale_color_pizza")

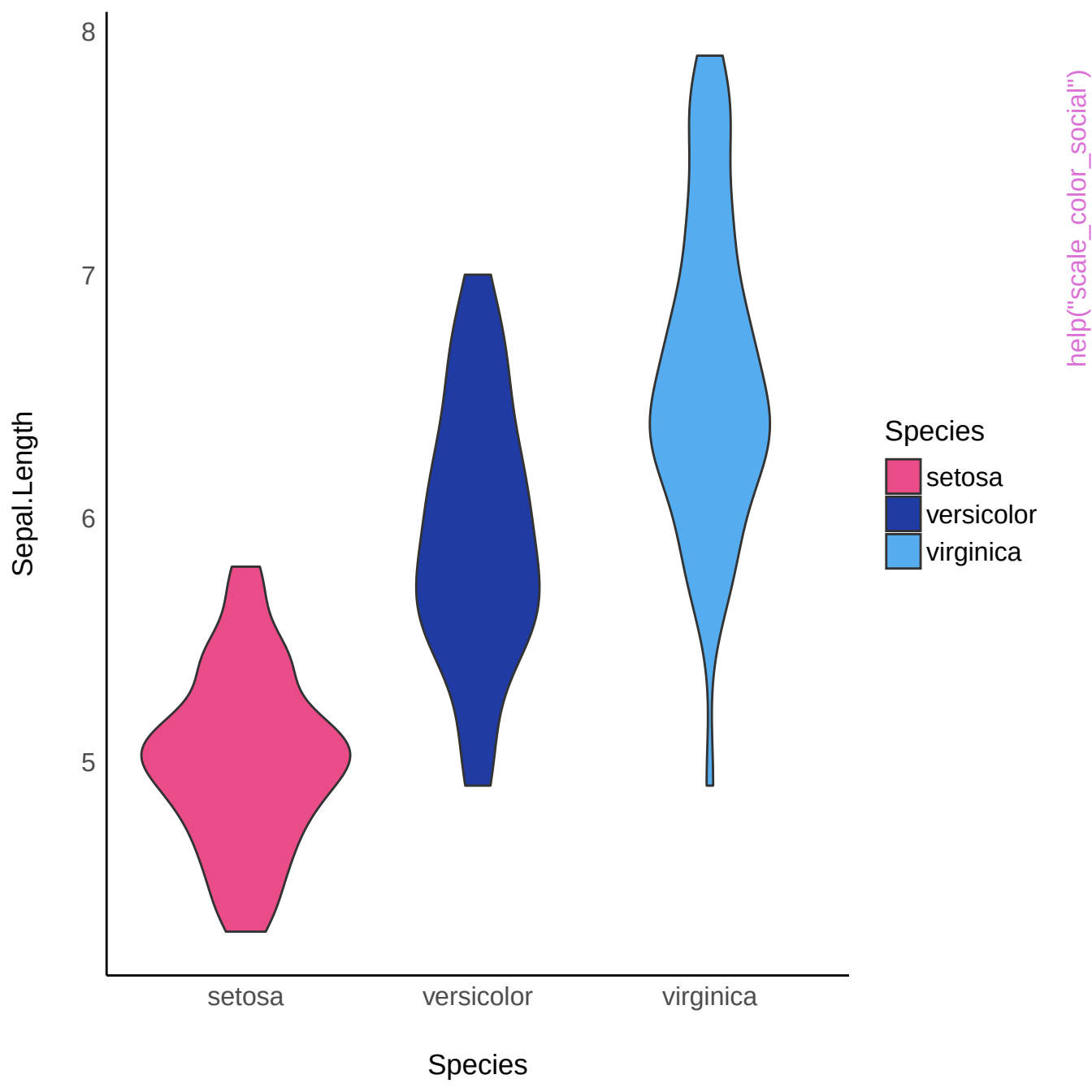

help("scale_color_pizza")
Sepal.Length
7
6
5
Petal.Width
2.5
2.0
1.5
1.0
0.5
0.0
2
4
6
Petal.Length

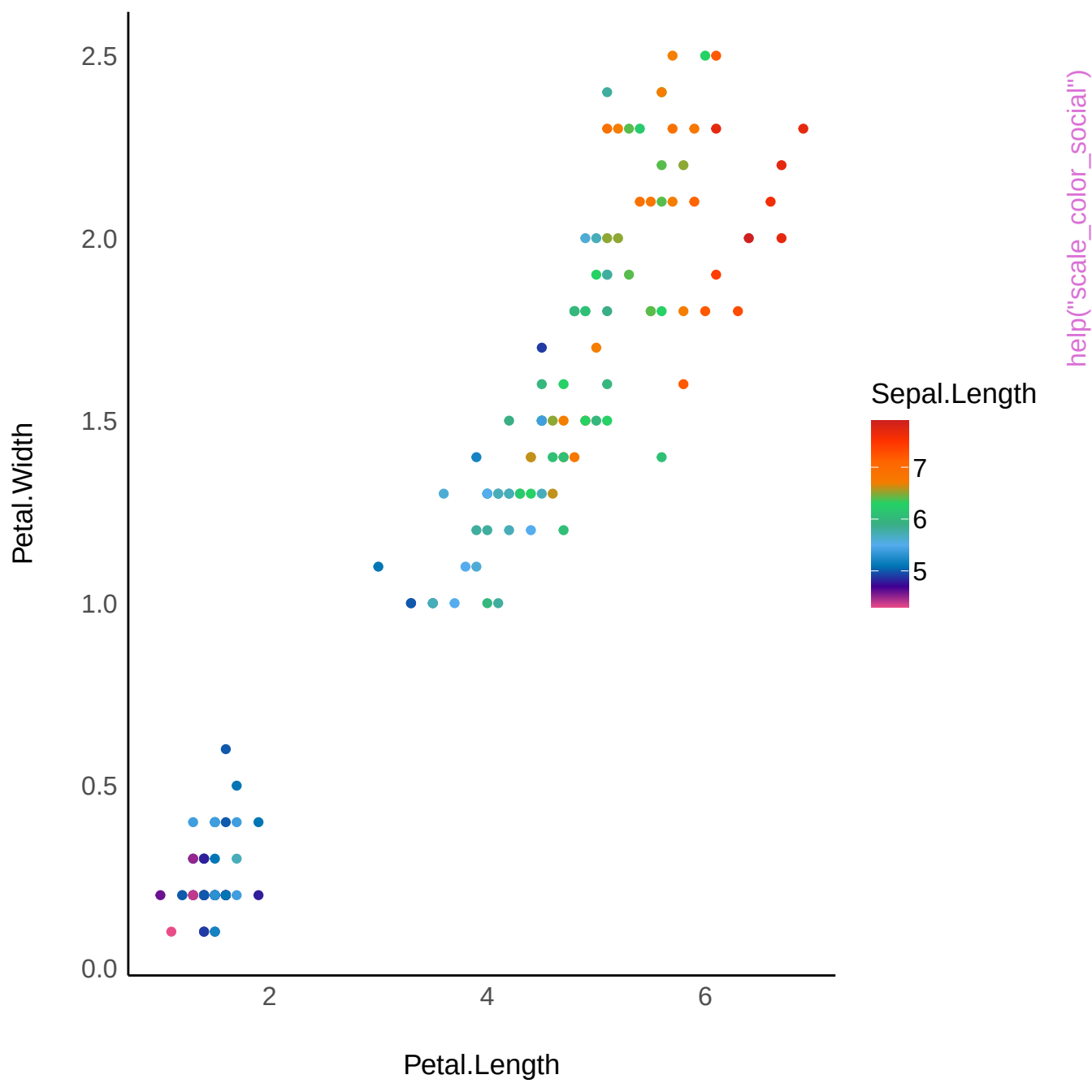

8
7
6
5
Sepal.Length
setosa
versicolor
virginica
Species
Species
setosa
versicolor
virginica
help("scale_color_see")

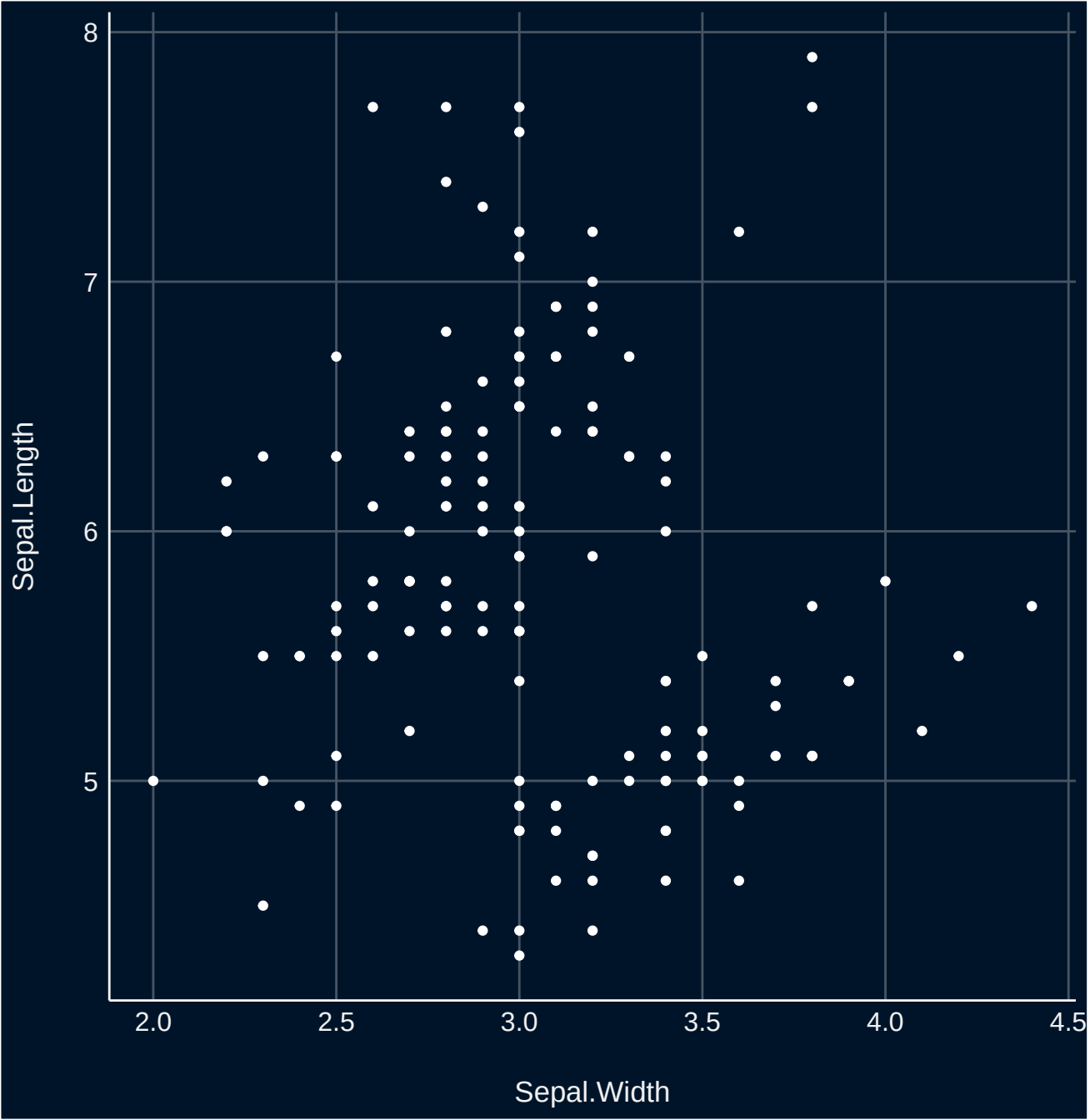

4.5
4.0
3.5
3.0
2.5
2.0
Sepal.Width
5
6
7
8
Sepal.Length
Species
setosa
versicolor
virginica
help("scale_color_see")

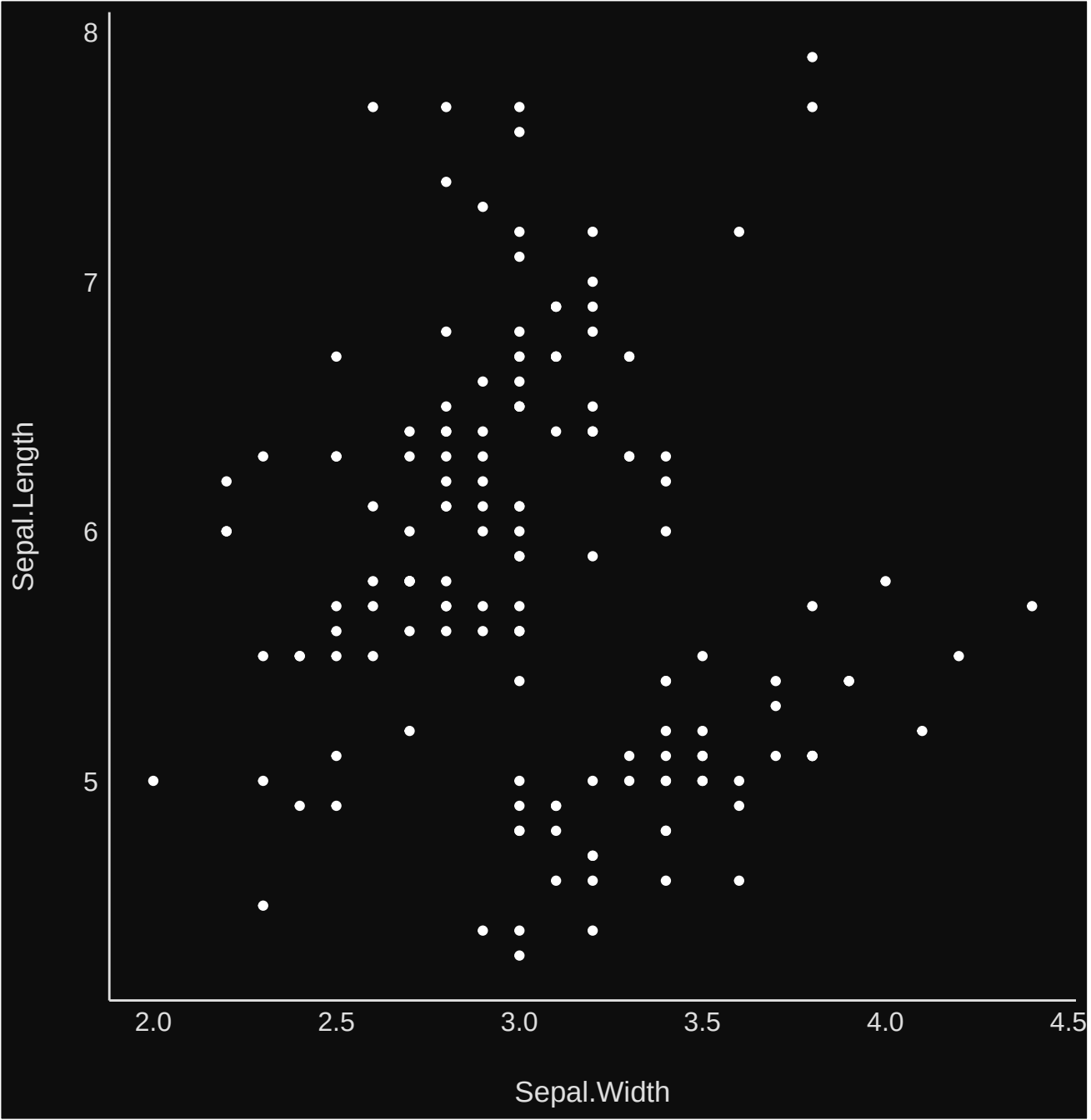

Petal.Width
2.5
2.0
1.5
1.0
0.5
0.0
2
4
6
Petal.Length
Sepal.Length
7
6
5
help("scale_color_see")

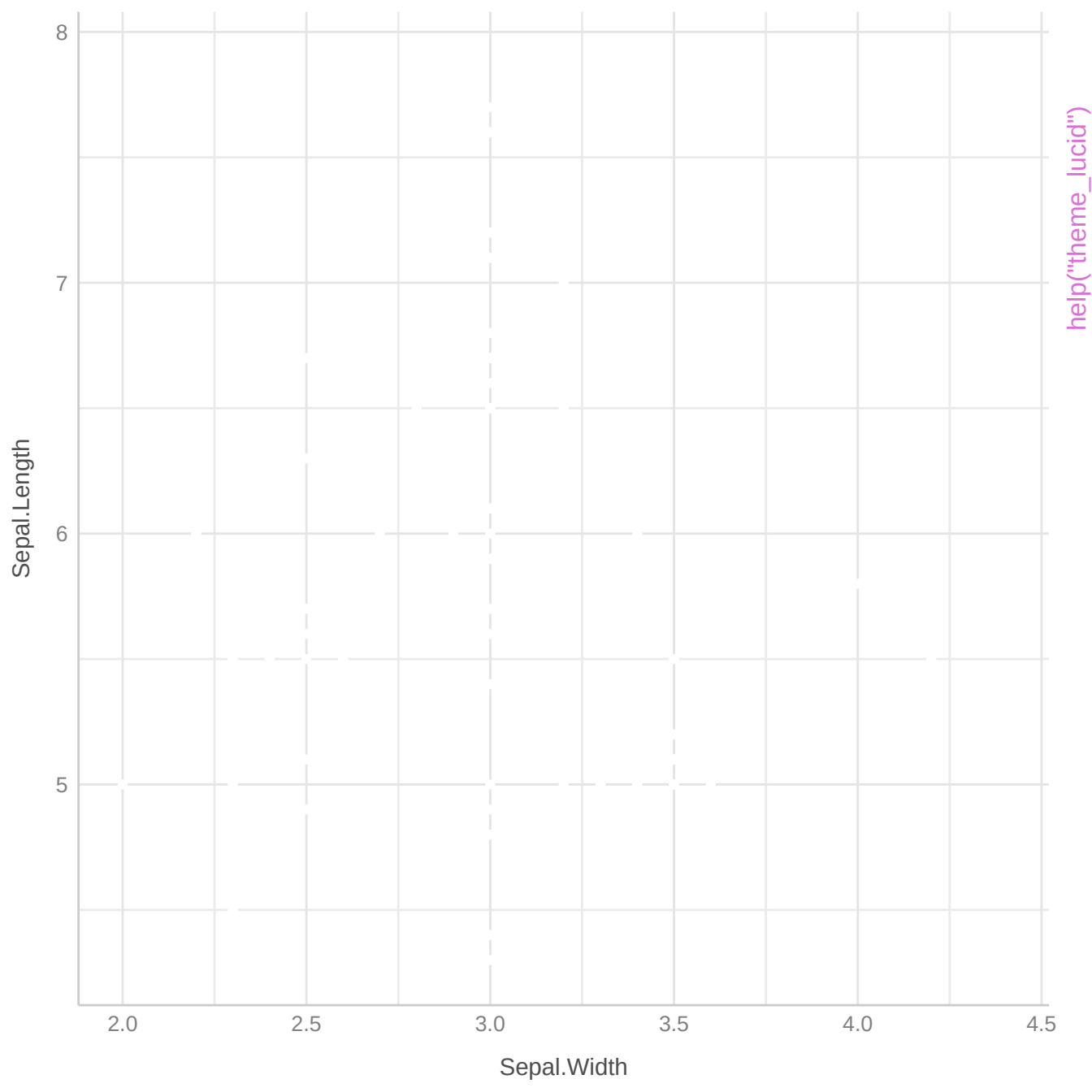

8
7
6
5
Sepal.Length
setosa
versicolor
virginica
Species
Species
setosa
versicolor
virginica
help("scale_color_social")

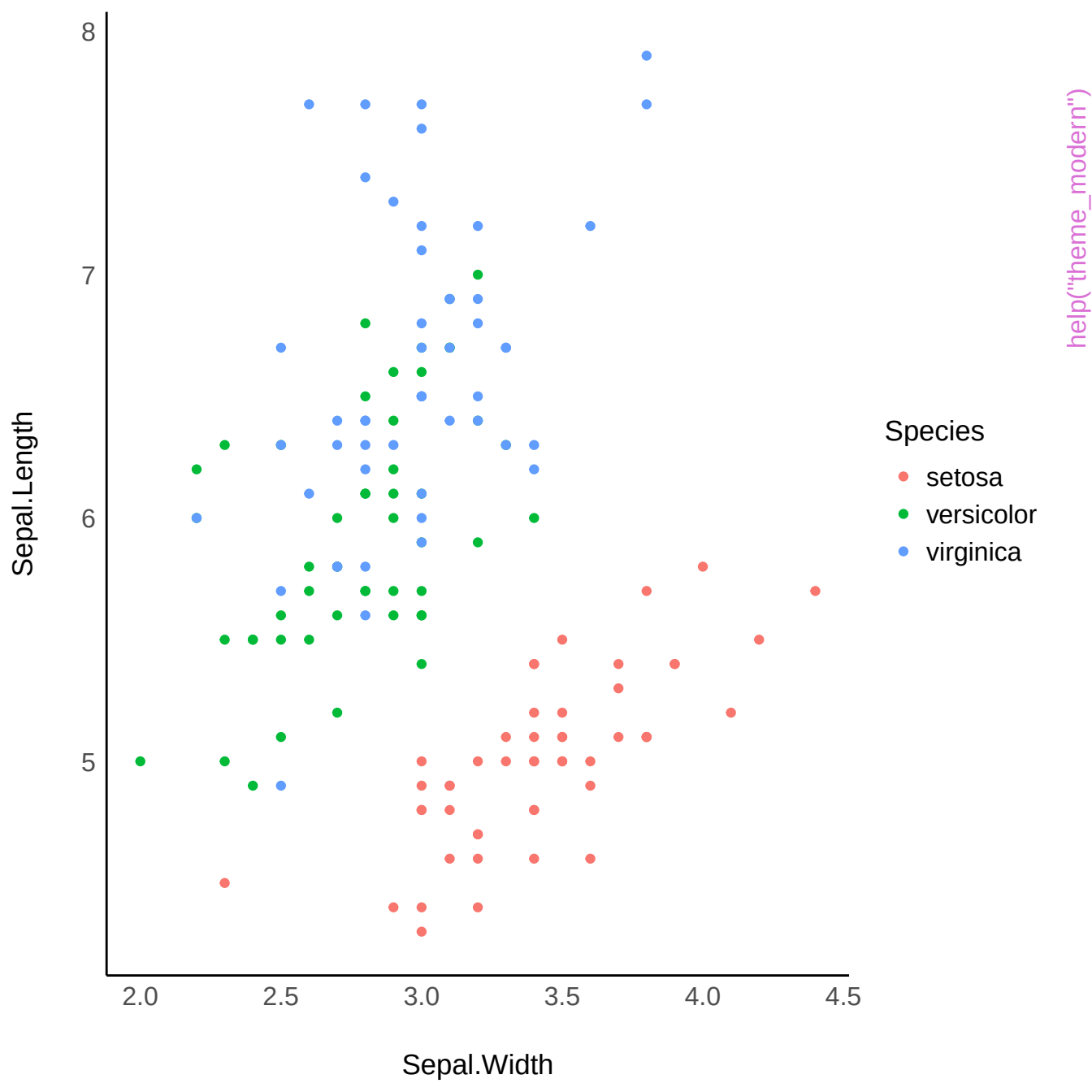

8
7
6
5
Sepal.Length
setosa
versicolor
virginica
Species
Species
setosa
versicolor
virginica
help("scale_color_social")

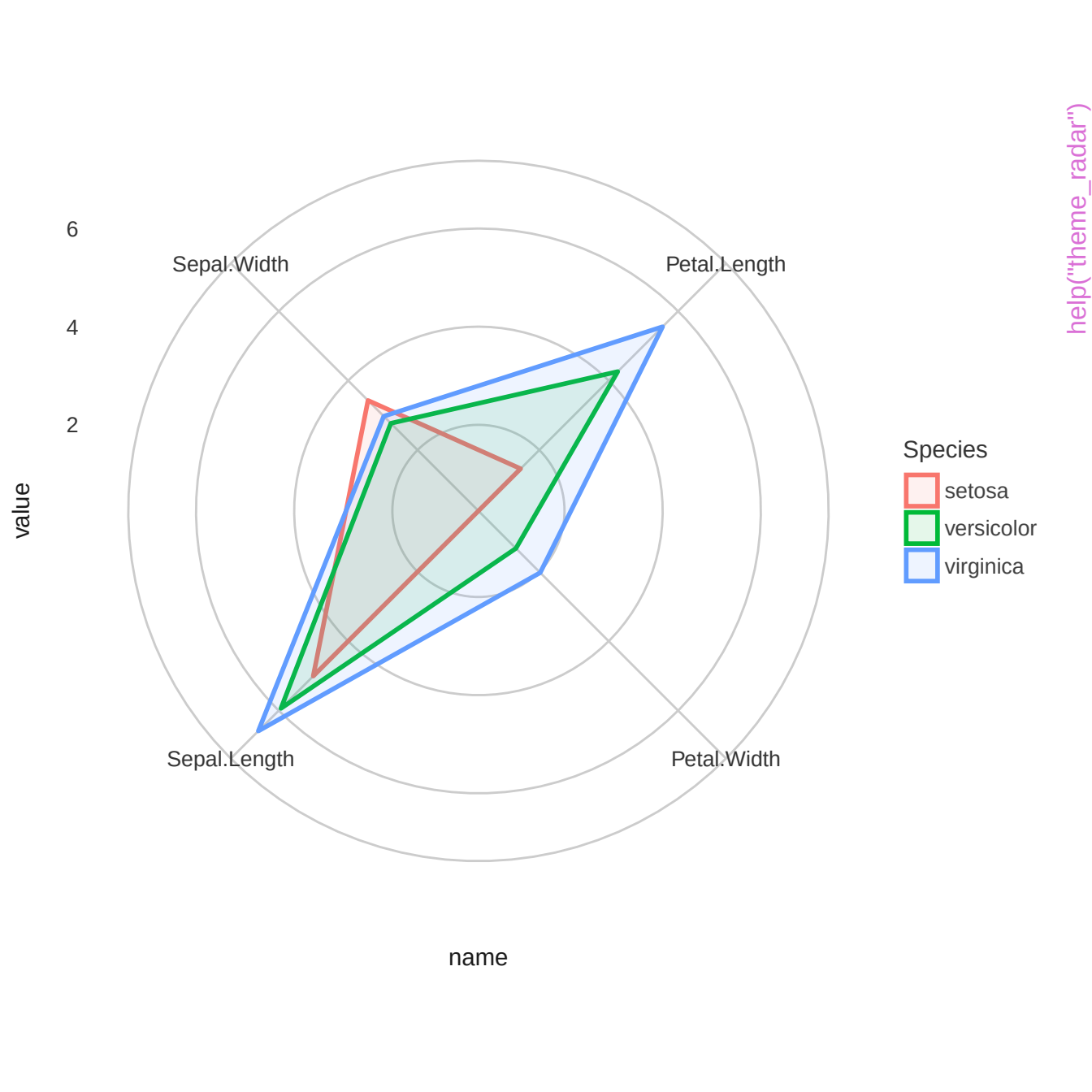

2.5
2.0
1.5
1.0
0.5
0.0
Petal.Width
2
4
6
Petal.Length
Sepal.Length
7
6
5
help("scale_color_social")


8
7
6
5
Sepal.Length
2.0
2.5
3.0
3.5
4.0
4.5
Sepal.Width
help("theme_abyss")


8
7
6
5
Sepal.Length
2.0
2.5
3.0
3.5
4.0
4.5
Sepal.Width
help("theme_blackboard")


8
7
6
5
Sepal.Length
2.0
2.5
3.0
3.5
4.0
4.5
Sepal.Width
help("theme_lucid")


8
7
6
5
Sepal.Length
2.0
2.5
3.0
3.5
4.0
4.5
Sepal.Width
Species
setosa
versicolor
virginica
help("theme_modern")


6
4
2
value
Sepal.Width
Petal.Length
Sepal.Length
Petal.Width
name
Species
setosa
versicolor
virginica
help("theme_radar")