Using {grateful} with Quarto

Load packages

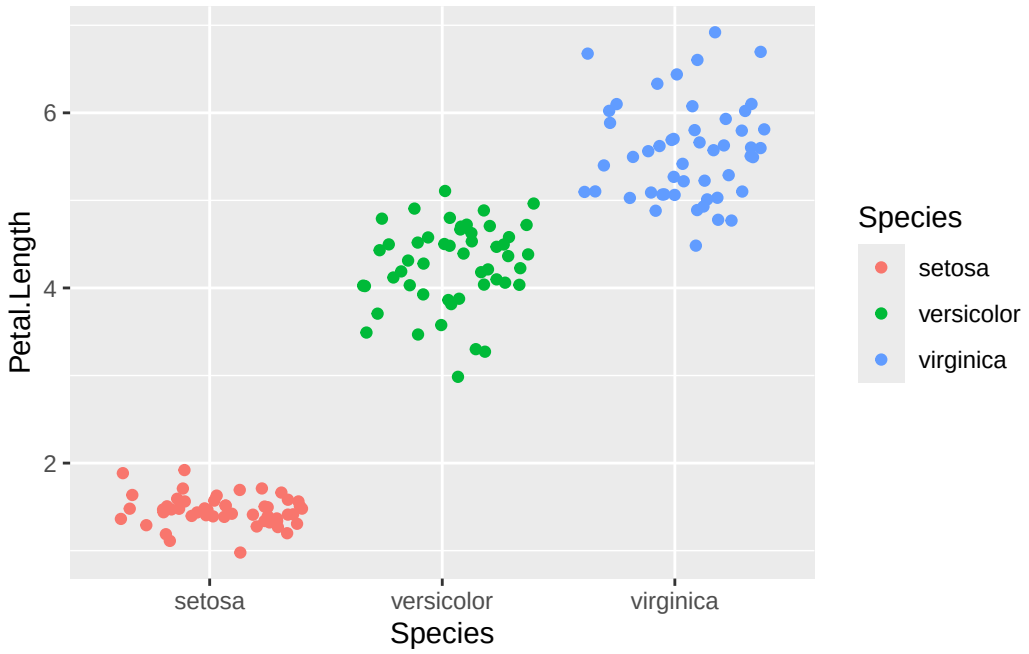
```
library(dplyr)
library(ggplot2)
library(visreg)
```

Run some analysis

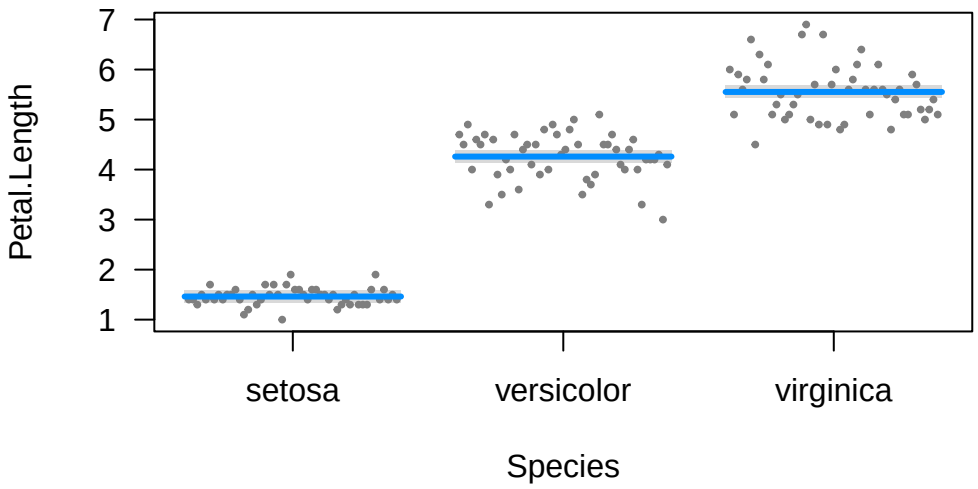
```
iris |>
  group_by(Species) |>
  summarise(mean(Petal.Length))
```

```
# A tibble: 3 x 2
  Species    `mean(Petal.Length)`
  <fct>                     <dbl>
1 setosa                     1.46
2 versicolor                 4.26
3 virginica                  5.55
```

```
ggplot(iris) +
  geom_jitter(aes(Species, Petal.Length, colour = Species))
```




```
model <- lm(Petal.Length ~ Species, data = iris)
visreg(model)
```



Software used

Paragraph output:

We used R version 4.4.1 (R Core Team 2024) and the following R packages: tidyverse v. 2.0.0 (Wickham et al. 2019), visreg v. 2.7.0 (Breheny and Burchett 2017).

Table output:

Package	Version	Citation
base	4.4.1	R Core Team (2024)
tidyverse	2.0.0	Wickham et al. (2019)
visreg	2.7.0	Breheny and Burchett (2017)

References

Breheny, Patrick, and Woodrow Burchett. 2017. "Visualization of Regression Models Using Visreg." *The R Journal* 9 (2): 56–71.

R Core Team. 2024. *R: A Language and Environment for Statistical Computing*. Vienna, Austria: R Foundation for Statistical Computing. https://www.R-project.org/.

Wickham, Hadley, Mara Averick, Jennifer Bryan, Winston Chang, Lucy D'Agostino McGowan, Romain François, Garrett Grolemund, et al. 2019. "Welcome to the tidyverse." *Journal of Open Source Software* 4 (43): 1686. https://doi.org/10.21105/joss.01686.