

Using {grateful} with Rmarkdown

Load packages

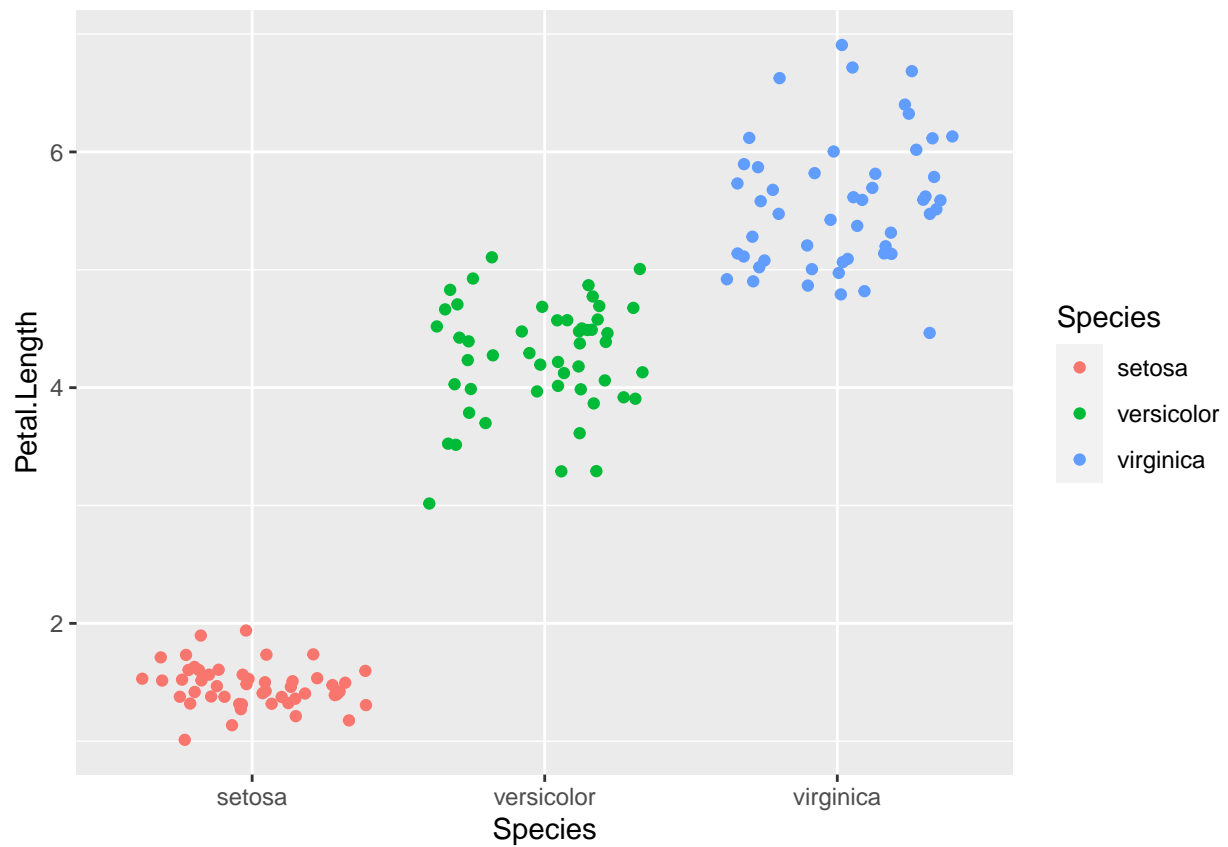
```
library(dplyr)
library(ggplot2)
library(visreg)
```

Run some analysis

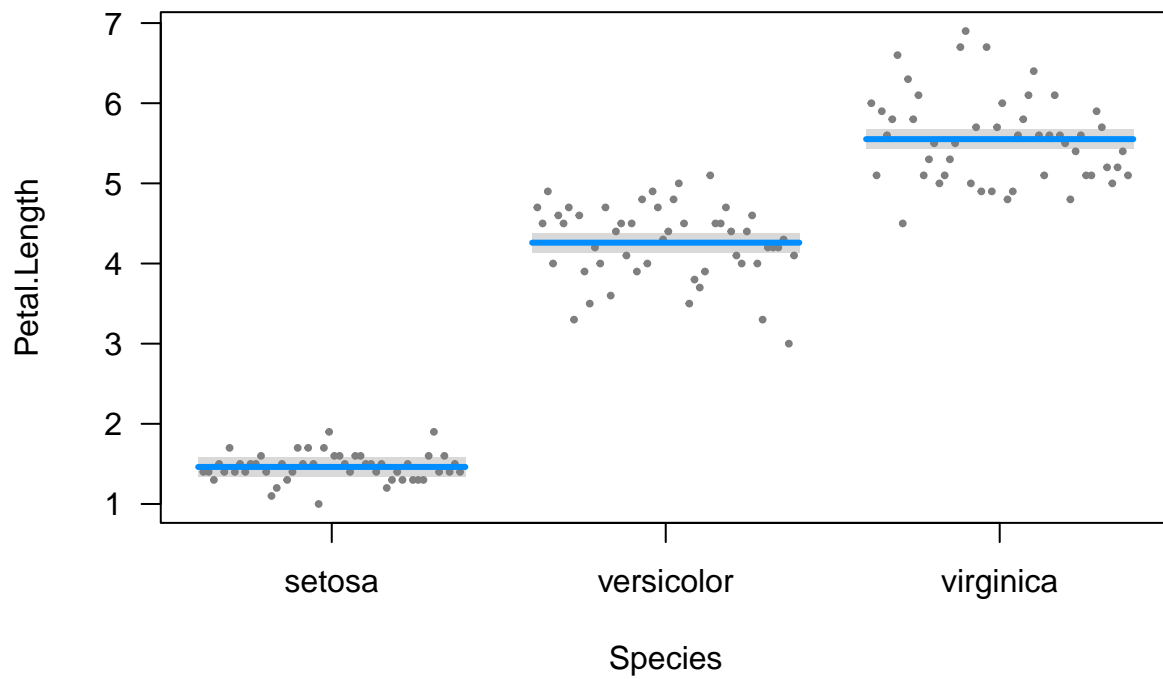
```
iris |>
  group_by(Species) |>
  summarise(mean(Petal.Length))
```

```
## # 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

We used R version 4.3.1 (R Core Team 2023) and the following R packages: tidyverse v. 2.0.0 (Wickham et al. 2019), visreg v. 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. 2023. *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 Golemund, et al. 2019. “Welcome to the tidyverse.” *Journal of Open Source Software* 4 (43): 1686. <https://doi.org/10.21105/joss.01686>.