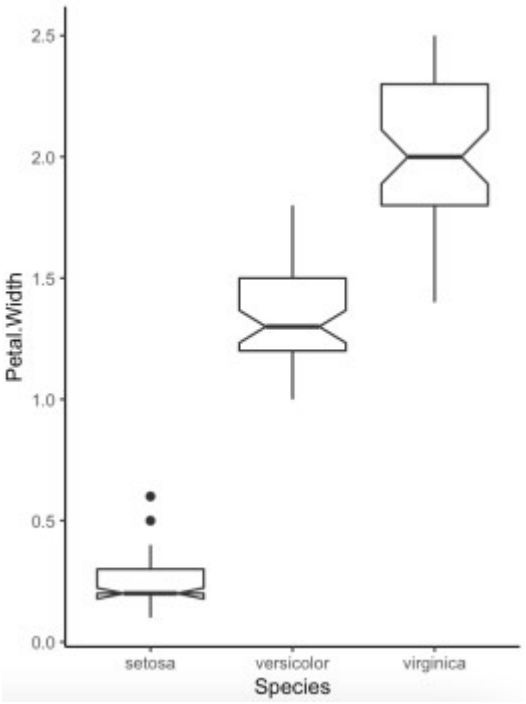
Facets in ggplot2 are great for showing multiple plots on a single canvas. Assuming this usually covers many scenarios, there might be a case that you would want to save all the combinations of x and y variables in a plot as a file. Useless scenario, and again somehow useful.



Combination of Species and Petal.Width as boxplot

Given a x-variable (in this case Species) we would like to have as much as four plots, each time with different y-variable (in this case Petal.Width). So the combinations would be:

- Species x Petal.Width
- Species x Petal.Length
- Species x Sepal.Width
- Species x Sepal.Length

Creating a helper function that will take an input string and convert it to variable for boxplot:

```
# Helper function
Iris_plot <- function(df=iris, y) {
  ggplot(df, aes(x = Species, y = !! sym(y) )) +
    geom_boxplot(notch = TRUE) +
    theme_classic(base_size = 10)
}
```

Once we have a helper function defined, loop into the datasets:

```
# Main loop through the columns and dataset
for(varR in variableR){
  name <- paste0(varR, "_x_Species")
  png(paste0(name, ".png"))
  print(Iris_plot(df=iris, y=varR))
  dev.off()
}
```

At the end, you will have in your work enviroment (check path by *getwd()*) files, each holding the combination of graph.