

# Minimal pgfSweave Example

Cameron Bracken

February 22, 2011

This example is identical to that in the Sweave manual and is intended to introduce pgfSweave and highlight the basic differences. Please refer to the pgfSweave vignette for more usage instructions.

We embed parts of the examples from the `kruskal.test` help page into a  $\text{\LaTeX}$  document:

```
>      #      hey, a comment
> data(airquality)
> print(kruskal.test(Ozone ~ Month, data = airquality)) # and another
```

Kruskal-Wallis rank sum test

data: Ozone by Month

Kruskal-Wallis chi-squared = 29.2666, df = 4, p-value = 6.901e-06

which shows that the location parameter of the Ozone distribution varies significantly from month to month. Finally we include a boxplot of the data:

```
> boxplot(Ozone ~ Month, data = airquality, main = "Ozone distribution",
+         xlab = "Month", ylab = "Concentration")
```

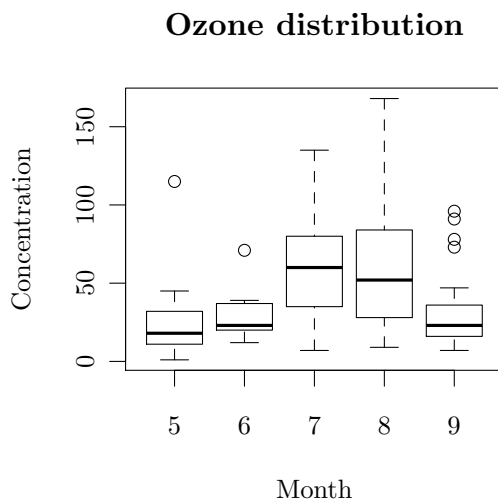


Figure 1: This is from pgfSweave. Text is typeset by  $\text{\LaTeX}$  and so matches the font of the document.