

# Sweave Example 1

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

```
> data(airquality,package="datasets")
> library("stats")
> kruskal.test(Ozone ~ Month,data = airquality)
```

Kruskal-Wallis rank sum test

data: Ozone by Month

Kruskal-Wallis chi-squared = 29.267, 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 , using

```
> boxplot(Ozone ~ Month,data = airquality)
```

