## Sweave Example 1

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In this example we embed parts of the examples from the kruskal.test help page into a  $\texttt{LAT}_{EX}$  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 = 29.3, 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:

- > library ("graphics")
- > boxplot(Ozone ~ Month, data = airquality)

