

# Kolmogorov-Smirnov

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## Kolmogorov-Smirnov

Kolmogorov-Smirnov test evaluates whether  $F_n$  (the empirical ) is equal to  $F^*$

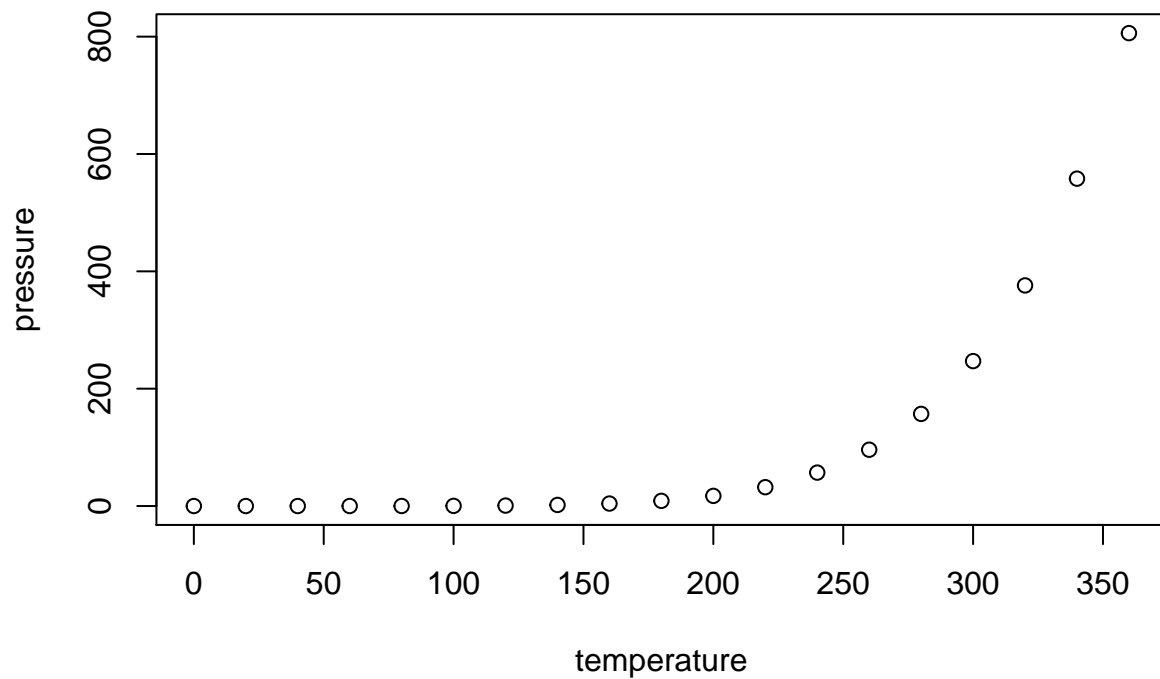
$$KS = \int_R F_n(x) - F^*(x)$$

```
summary(cars)
```

```
##      speed      dist
##  Min.   : 4.0    Min.    :  2.00
## 1st Qu.:12.0    1st Qu.: 26.00
##  Median :15.0    Median : 36.00
##   Mean  :15.4    Mean    : 42.98
## 3rd Qu.:19.0    3rd Qu.: 56.00
##   Max.  :25.0    Max.    :120.00
```

## Including Plots

You can also embed plots, for example:



Note that the `echo = FALSE` parameter was added to the code chunk to prevent printing of the R code that generated the plot.