iris_data_set_vm5 ascending

Han Oostdijk (www.hanoostdijk.nl)

16 December, 2015

Introduction

Depending on the parameter *sortorder* we will show the first 10 observations of the iris data set sorted in ascending or descending order of the variable *Sepal.Length*.

Apparently the parameter in this case is *ascending*. Table 1 on page 1 shows the resulting table.

Advantage of working with different child sources is that the global structure is very transparent. Forcing the logic in one file is possible but at the cost of readability and length of code. On the other hand the maintenance of various sources is more error-prone.

First 10 observations of iris data set (ascending)

Because the *sortorder* parameter was set to ascending we will first sort the iris dataset in ascending order on *Sepal.Length*.

```
data(iris)
iris = iris[order(iris$Sepal.Length,decreasing = FALSE),]
caption1a = paste('first',numlist,
  'observations of iris data set in ascending order of  Sepal.Length')
kable(iris[1:numlist,],row.names=F, caption=def_tab('r1a',caption1a),
  format='latex', longtable=F)
```

Table 1: first 10 observations of iris data set in ascending order of Sepal.Length

Sepal.Length	Sepal.Width	Petal.Length	Petal.Width	Species
4.3	3.0	1.1	0.1	setosa
4.4	2.9	1.4	0.2	setosa
4.4	3.0	1.3	0.2	setosa
4.4	3.2	1.3	0.2	setosa
4.5	2.3	1.3	0.3	setosa
4.6	3.1	1.5	0.2	setosa
4.6	3.4	1.4	0.3	setosa
4.6	3.6	1.0	0.2	setosa
4.6	3.2	1.4	0.2	setosa
4.7	3.2	1.3	0.2	setosa