iris_data_set_vm5 ascending

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```r
library(xtable)
```

```
## Warning: package 'xtable' was built under R version 3.2.2
```

Introduction

See the Introduction pdf for the various examples and the relation of this example to the others.

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 2 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*.

```r
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')
xtable(iris[1:numlist,],row.names=F, caption=def_tab('r1a',caption1a),
  format='latex', longtable=F)
```

Session Info

```r
sessionInfo()
```

```
## R version 3.2.0 (2015-04-16)
## Platform: x86_64-w64-mingw32/x64 (64-bit)
## Running under: Windows 8 x64 (build 9200)
```

	Sepal.Length	Sepal.Width	Petal.Length	Petal.Width	Species
14	4.30	3.00	1.10	0.10	setosa
9	4.40	2.90	1.40	0.20	setosa
39	4.40	3.00	1.30	0.20	setosa
43	4.40	3.20	1.30	0.20	setosa
42	4.50	2.30	1.30	0.30	setosa
4	4.60	3.10	1.50	0.20	setosa
7	4.60	3.40	1.40	0.30	setosa
23	4.60	3.60	1.00	0.20	setosa
48	4.60	3.20	1.40	0.20	setosa
3	4.70	3.20	1.30	0.20	setosa

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

```
## 
## locale:
## [1] LC_COLLATE=English_United States.1252  LC_CTYPE=English_United States.1252
## [3] LC_MONETARY=English_United States.1252 LC_NUMERIC=C
## [5] LC_TIME=English_United States.1252
## 
## attached base packages:
## [1] stats     graphics  grDevices utils     datasets  methods   base
## 
## other attached packages:
## [1] xtable_1.8-0 knitr_1.12.3
## 
## loaded via a namespace (and not attached):
##  [1] magrittr_1.5   formatR_1.2.1  tools_3.2.0    htmltools_0.2.6 yaml_2.1.13
##  [6] stringi_1.0-1  rmarkdown_0.9.2 stringr_1.0.0  digest_0.6.8    evaluate_0.8
```