

Command files

(STATS240.1: A short course in R)

Gunnar Stefánsson, Ásta Jenný Sigurðardóttir and Lorna Taylor

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Repeated commands

The following commands can be used to compute the mean weight and mean length from a given file:

```
data<-read.table("file.dat",header=T)
length<-data$length
weight<-data$weight
meanlength<-mean(length)
meanweight<-mean(weight)
print(meanlength)
print(meanweight)
```

These may need to be repeated for different data files...

Command files

R commands can be stored in a file for later perusal.

Example: Use simple copy-paste from R to an editor and save into file.

Typical name: file.r

Use emacs/notepad to edit files - text only, no formatting - not Word etc.

Alternative: Run R within emacs and open file - with two windows.

Running commands stored in a file

Store R commands in a file with some name, e.g. "file.r".
Within R give the command

```
> source("file.r")
```

This makes R read and execute all commands in the file.

Batch runs

Pure batch processing

```
R --slave < cmdfile
```

or in background.