

HomeWork 1 - R Warmup wi19b013

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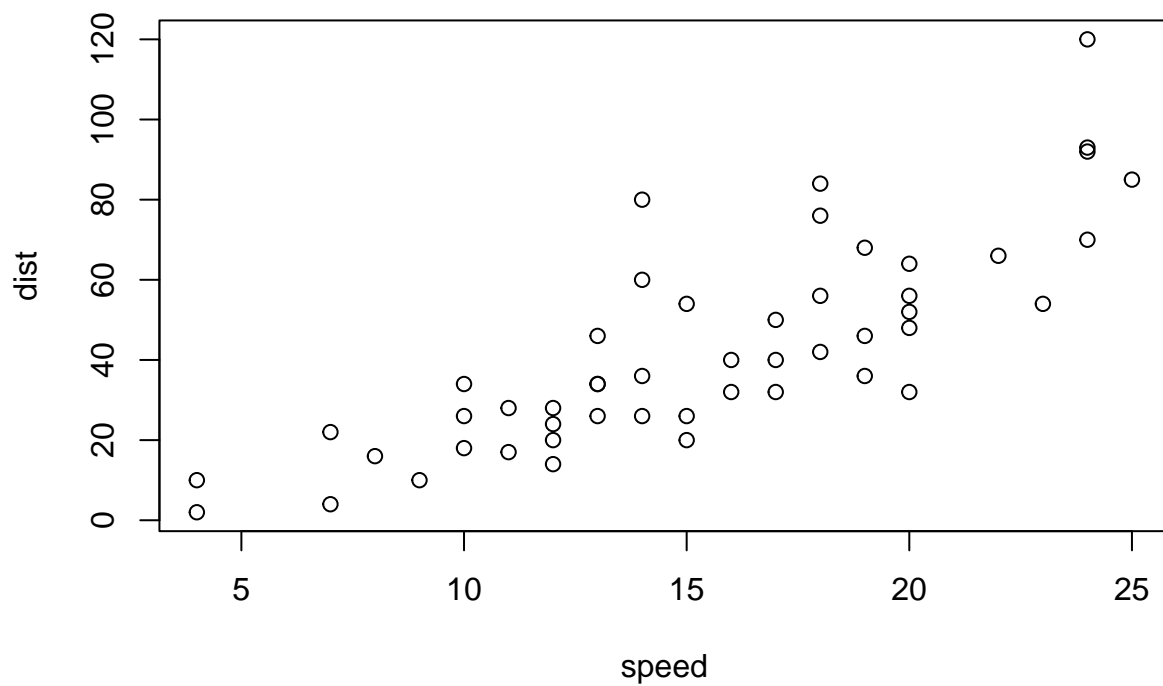
1 Exercise 18 (Pretzner)

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This is an R Markdown Notebook. When you execute code within the notebook, the results appear beneath the code.

Try executing this chunk by clicking the *Run* button within the chunk or by placing your cursor inside it and pressing *Ctrl+Shift+Enter*.

```
plot(cars)
```



1 Exercise 18 (Pretzner)

Create a list that contains the data sets `presidents`, `iris`, `Nile`, and `HairEyeColor`. Create a function `myclasses(x)` taking a list of data sets and returning a named vector with the classes for each data set (use `class()`). The return value should be of class “`myclasses`”. Implement a `print` method that just informs about the total amount of data sets, and prints a comma-separated list of the data set names (use `names()`) and their corresponding data set class. Demonstrate the functions with the list initially created. Document all steps in an R-Markdown-notebook and upload the PDF on Moodle.

Add a new chunk by clicking the *Insert Chunk* button on the toolbar or by pressing *Ctrl+Alt+I*.

When you save the notebook, an HTML file containing the code and output will be saved alongside it (click the *Preview* button or press *Ctrl+Shift+K* to preview the HTML file).

The preview shows you a rendered HTML copy of the contents of the editor. Consequently, unlike *Knit*, *Preview* does not run any R code chunks. Instead, the output of the chunk when it was last run in the editor is displayed.