Installing R, RStudio and R Commander

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Please go through the following steps to ensure that you have the correct software installed on your laptop. Threee pieces of software are required.

`R` is our recommended language for statistical analysis and `RStudio` is the GUI that we recommend for working with `R`. However, `RStudio` requires the user to work at the command-line, which is beyond the scope of the course and distracts from the statistical concepts we are trying to teach. Therefore, we use another software package, `R commander`, to run within RStudio and provide point and click access to statistical tests.

Windows PC

1. Download the latest version of 'R' from >>>here<<<. Install onto your laptop, accepting the default options.

2. Download the latest version of 'RStudio Desktop' from >>>here<<< and install onto your laptop, accepting the default options

3. Load RStudio

Once loaded, type the following in the 'Console' in the bottom-left where the 'blinking' cursor is;

```
install.packages("Rcmdr")
```

4. You should now be able to load 'R commander' by typing the following

```
library(Rcmdr)
```

A new X11 window should open. This is R commander.

Mac OSX

1. Download the latest version of 'R' from >>>here<<<. Install onto your laptop, accepting the default options.

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2. Download the latest version of 'RStudio Desktop' from >>>here<<< and install onto your laptop, accepting the default options

3. Mac OSX users also need to download and install >>>Xcode<<<. You may need to sign-up for a **Apple-ID** to do this.

4. Load RStudio

Once loaded, type the following in the 'Console' in the bottom-left where the 'blinking' cursor is;

```
install.packages("Rcmdr")
```

5. You should now be able to load 'R commander' by typing the following

```
library(Rcmdr)
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A new X11 window should open. This is R commander.