

Gutember Analysis

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1 Our first analyss

1.1 Packages

We will work with a classic work by Machado de Assis scraped from [Gutemberg Project's] (<https://www.gutenberg.org/>) website. This project is responsible for making books that are in *public domain* available in all languages. There are packages in R that allow us to do this kind of scrapping automatically.

First we will download and install **gutenbergr** and a few others. There are two ways to do this, one is by the command line, the other is by the Rstudio package administrator. Here I will show both.

1.2 Checking the packages

First of all we will try to load all packages and see if it throws an error:

```
library(gutenbergr)

## Error in library(gutenbergr): there is no package called 'gutenbergr'

library(ggplot2)
library(dplyr)

##
## Attaching package: 'dplyr'

## The following objects are masked from 'package:stats':
##
##   filter, lag

## The following objects are masked from 'package:base':
##
##   intersect, setdiff, setequal, union

library(tidytext)
```

As you see I got an error: Show in New WindowClear OutputExpand/Collapse Output Error in library(gutenbergr): there is no package called 'gutenbergr'. It means that the package gutenbergr is not installed.

1.2.1 Install using your IDE

For installing the package using your IDE support, you will have to look for the tab **packages**. Then you click on it. You will see a list of your system's packages, the ones with the *tick* are loaded. To load a package from IDE with no code, just *tick* package. To install a package, click on install packages, type the name of the package and the IDE will do the job for you. Please, do not forget to choose *install dependencies*, so everything runs smoothly. The images below show the process.

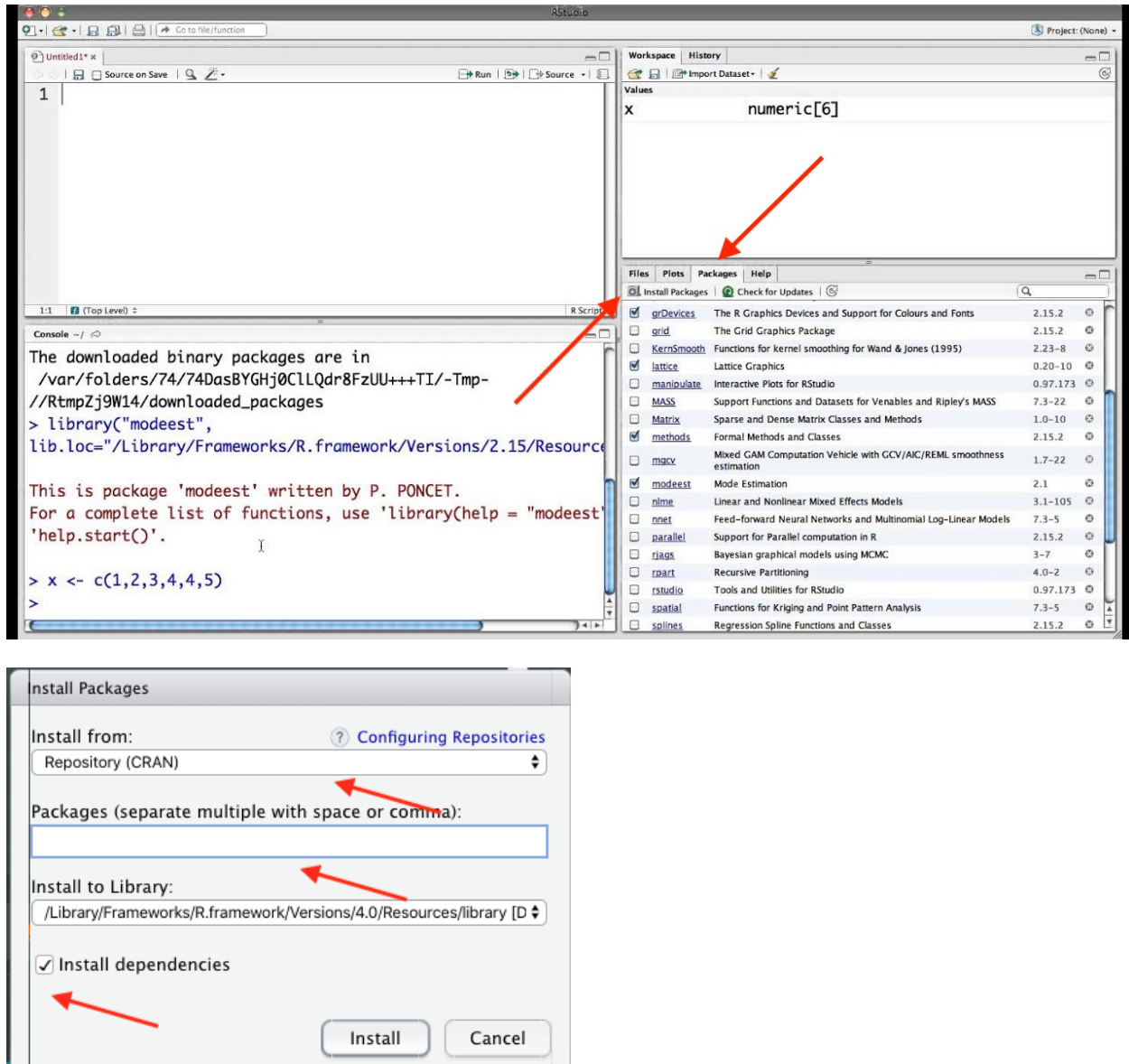


Figure 1: Screen 02