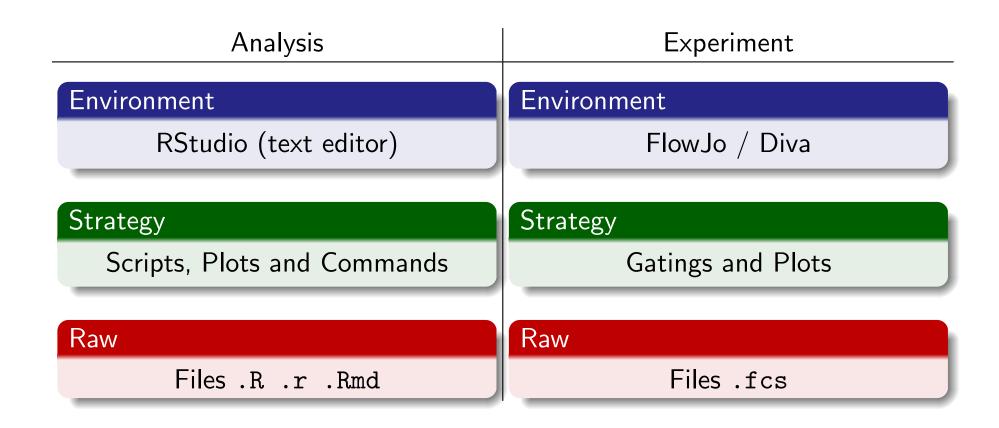
Introduction to R

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What is R? – analogy



About files

- Files .R .r .Rmd are simple **text** files (TextEdit,Notepad,Emacs...)
- Files .fcs .wsp are binary files (as .doc .xls etc.)
 - ⇒ you can always open text files, not binary ones.
- Text files do not depend on a specific software.
- Binary files are only readable by specific softwares.

⇒ What happens if now you have to pay them?

Always open-able files means:

- easy to share
- still access in the future ^a
- a. Try to open a Word document from 1998. But I am reading text files from 1983.

What is R? II

Raw

R is a scripting language

Strategy

A script is a recipe to instruct how to process data

Environment

We write instructions inside an environment

Language = syntax + grammar

Data = how to represents an information

Code is law 1 so **show me the details** 2!

- 1. Lawrence Lessig: https://framablog.org/2010/05/22/code-is-law-lessig
- 2. The devil is in the details.