Introduction to R[*]

Lecture 4: Heterogeneous vectors (lists & data frames)

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Contents

A **heterogeneous** vector (also known as generic vector) is a data structure that may contain **more than one** atomic data type.

There are two kinds[1] of heterogeneous data structures available in `R`:

- lists

- data frames

1 R Lists

1.1 Examples

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[1] `R` has a third data structure i.e. pairlist. This topic will not be discussed in this section. People interested in this subject, should have a look at R-internals.

2 R Dataframes

- categorical variables i.e. factors
- data frame and tibble

2.1 Examples