### functions

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Defining Functions in R Paul Stey, Ph.D. 2020-09-21

### 1 1. Functions in R

- Small, re-usable code chuncks
- Take some input (arguments) and return some output
  - Thus, similar to functions in mathematical sense

#### 1.1 1.1 R Built-in Functions we Have Used

- print()
- c()
- mean()
- is.na()

[1] 4 137 151

### 1.2 1.1.1 Functions with Optional Arguments

## 2 2. Defining a Function

- Why?
  - Modularity, code clarity, re-usability, scope cleanliness

# 2.1 2.1 Defining a More Interesting Fucntion

- Functions can have many arguments
- And even a variable-number of arguments