

## Basic arithmetic and use of scientific notation in R

- The R Console can be used as a basic calculator: For example you can compute the standard 15% tip on a \$16.99 bill by typing  $0.15 * 16.99$  and hitting Enter.
- You can use parentheses to enforce a specific order of operations.
- The caret symbol  $^$  can be used for powers. for example  $2 ^ 4$  would produce the fourth power of 2, i.e. 16.
- Very large or very small numbers can be entered using scientific notation. For example, we can enter the number of 3.2 millions as  $3.2e6$  and the number of 0.000016 as  $1.6e-5$ .
- Depending on the number of digits of the number in question, R may choose to display it via either decimal or scientific notation.