

Using the **AddOne** Package

Luke Tierney

February 23, 2021

1 Introduction

The **AddOne** package includes the function **AddOne** to add one to its argument.

2 Simple Examples

A simple example:

```
> AddOne(2)
```

```
[1] 3
```

Another simple example is

```
> AddOne(3+5)
```

```
[1] 9
```

3 Vectorized Examples

The function is vectorized. If the argument is a vector of more than one element, then the result will be a vector of the same length as the argument with elements equal to the corresponding elements of the argument plus one:

```
> AddOne(1:3)
```

```
[1] 2 3 4
```

A table of the results of adding one to the first 5 integers is given in Table 1. A graph of these results is in Figure 1.

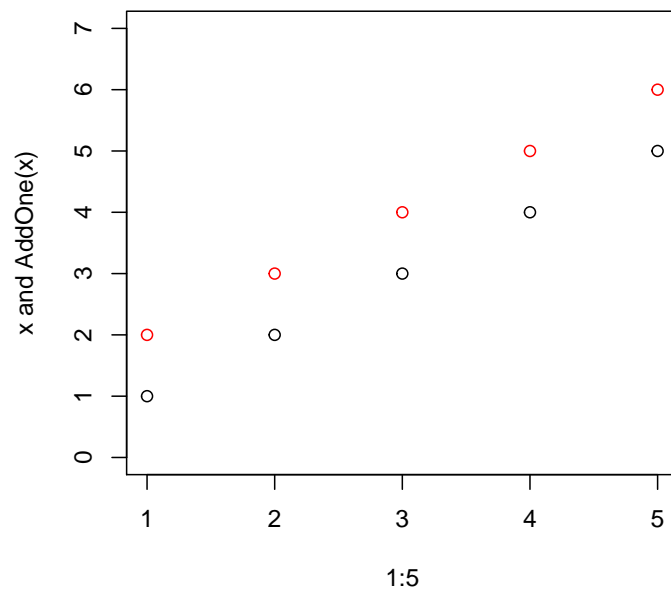


Figure 1: Plot for `AddOne` for the first 5 integers.

	x	AddOne(x)
1	1.00	2.00
2	2.00	3.00
3	3.00	4.00
4	4.00	5.00
5	5.00	6.00

Table 1: Results for `AddOne` for the first 5 integers.