

# How do I use italic font in R, and can you provide examples?

Authored by  
**stats writer**

May 5, 2024

## RECOMMENDED CITATION

stats writer (2024). *How do I use italic font in R, and can you provide examples?*.

PSYCHOLOGICAL SCALES. Retrieved from <https://scales.arabpsychology.com/?p=142876>

The use of italic font in R is a simple process that can enhance the visual appearance of your text. To use italic font in R, you can use the "emph{}" function, which stands for emphasis. Simply place the text you want to be italicized inside the parentheses of the function. For example, "emph{This text will be in italic font.}" Alternatively, you can also use the "textit{}" function, which works the same way as the "emph{}" function. For example, "textit{This text will also be in italic font.}" By using these functions, you can easily incorporate italic font into your R code for a more professional and visually appealing output.

## Use Italic Font in R (With Examples)

You can use the following basic syntax to produce italic font in R plots:

```
substitute(paste(italic('this text is italic')))
```

The following examples show how to use this syntax in practice.

### Example 1: Italic Font in Title of Plot

The following code shows how to use italic font in the title of a plot in R:

```
#define data
```

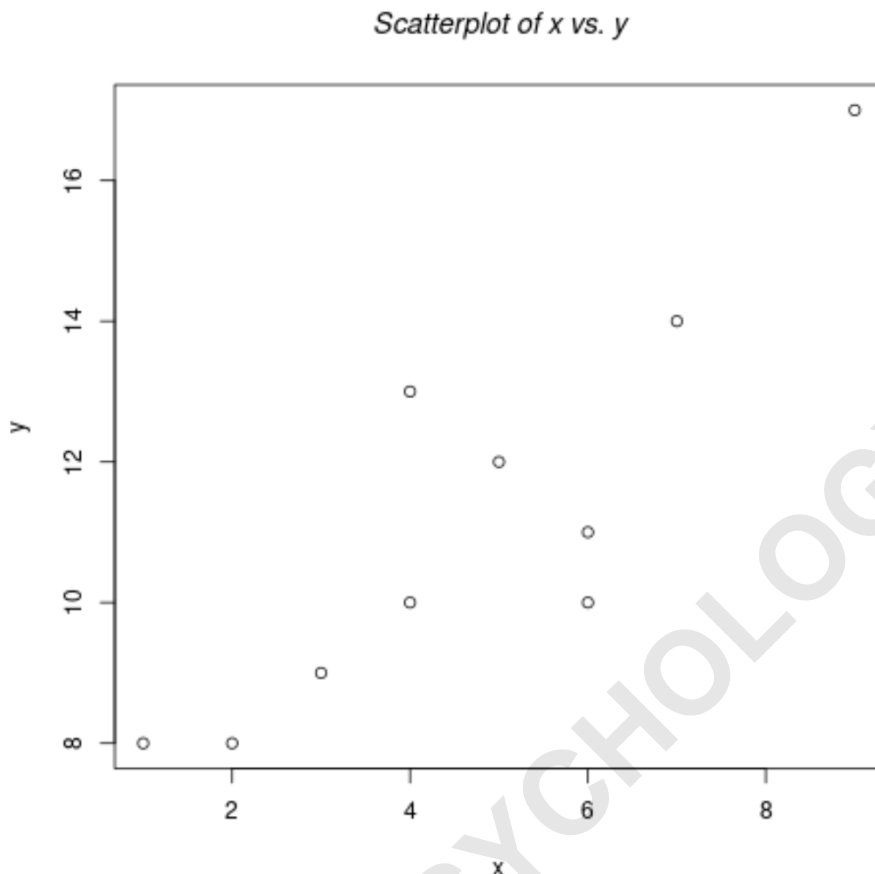
```
x <- c(1, 2, 3, 4, 4, 5, 6, 6, 7, 9)
```

```
y <- c(8, 8, 9, 10, 13, 12, 10, 11, 14, 17)
```

```
#create scatterplot with title in italics
```

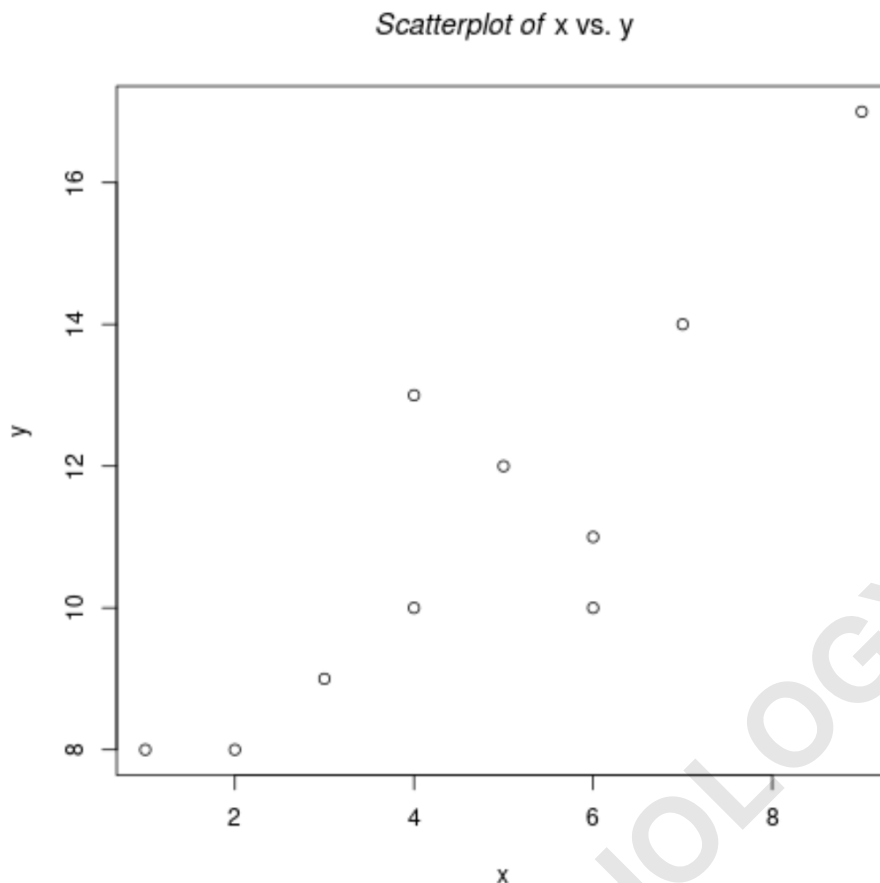
```
plot(x, y, main = substitute(paste(italic('Scatterplot of x
```

**vs. y'))))**



**Note that we can also specify italic font for only some of the words in the title:**

**#create scatterplot with only some of title in italics  
plot(x, y, main = substitute(paste(italic('Scatterplot of'), 'x vs. y'))))**



### Example 2: Italic Font on Axis Labels of Plot

The following code shows how to specify italic font for the x-axis and y-axis labels of a plot:

```
#define data
```

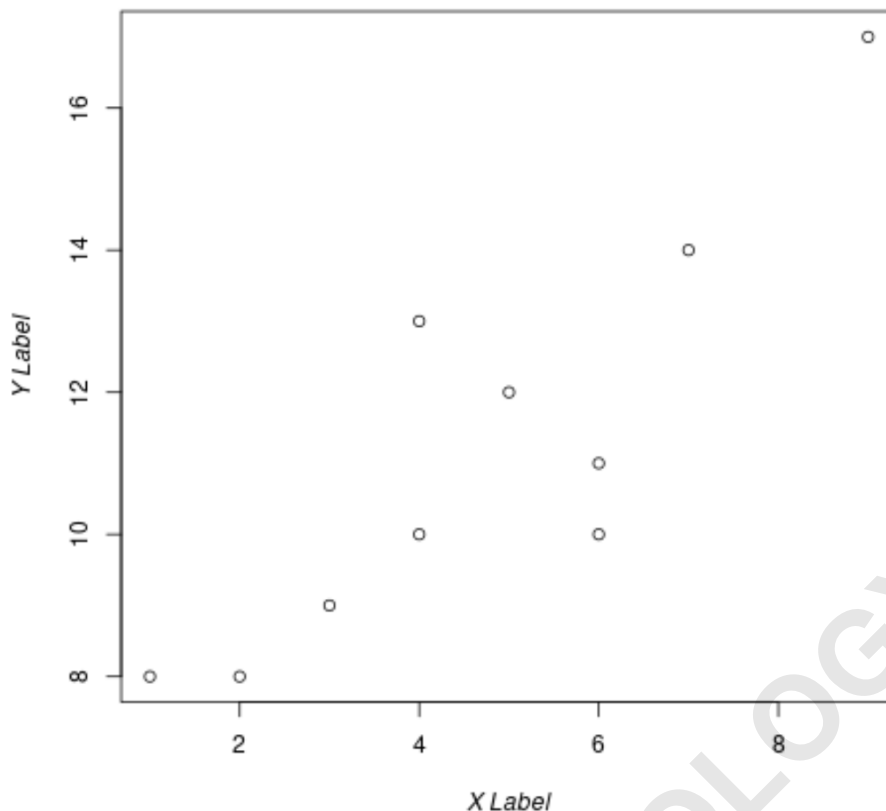
```
x <- c(1, 2, 3, 4, 4, 5, 6, 6, 7, 9)
```

```
y <- c(8, 8, 9, 10, 13, 12, 10, 11, 14, 17)
```

```
#create scatterplot with axes labels in italics
```

```
plot(x, y, xlab = substitute(paste(italic('X Label'))),
```

```
ylab = substitute(paste(italic('Y Label'))))
```



### Example 3: Italic Font with Text in Plot

The following code shows how to include italic font for a text element inside of a plot:

```
#define data
```

```
x <- c(1, 2, 3, 4, 4, 5, 6, 6, 7, 9)
```

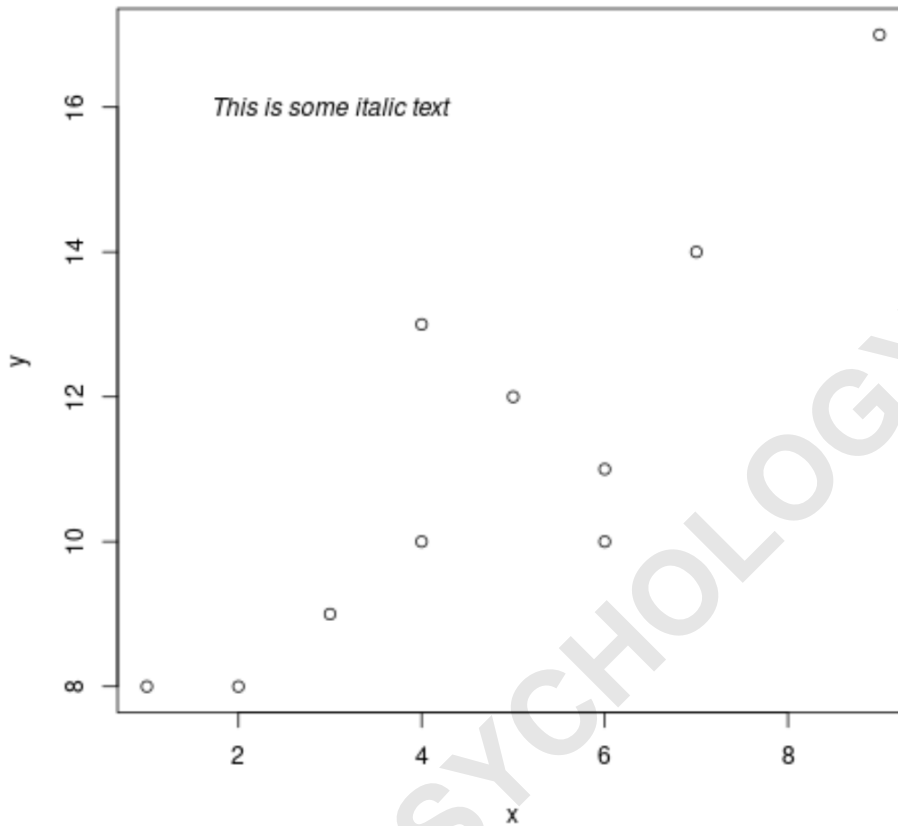
```
y <- c(8, 8, 9, 10, 13, 12, 10, 11, 14, 17)
```

```
#create scatterplot
```

```
plot(x, y)
```

```
#add italic text at location x=3, y=16
```

```
text(3, 16, substitute(paste(italic('This is some italic  
text'))))
```



The following tutorials explain how to perform other common functions in R: