

# how to use the “Fix in R” function? When getting the error “Don’t know how to automatically pick scale for object of type function.”

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## RECOMMENDED CITATION

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The "Fix in R" function is a tool used in the R programming language to automatically correct errors in code. It is designed to identify and fix errors that may occur when trying to run a specific function. However, if the error message "Don't know how to automatically pick scale for object of type function" appears, it indicates that the function is unable to determine the appropriate scale for the object being used. To resolve this issue, the user may need to manually specify the scale or adjust the code to ensure compatibility with the function.

## **Fix in R: Don't know how to automatically pick scale for object of type function**

**One error you may encounter in R is:**

**Don't know how to automatically pick scale for object of type function.**

**Defaulting to continuous.**

**This error occurs when you attempt to create a plot using ggplot2 but provide the name of a built-in R function (such as mean, median, max, sample, range, etc.) to the aes() argument.**

**This tutorial shares exactly how to fix this error.**

**How to Reproduce the Error**

**Suppose we have the following data frame in R that shows the mean number of points scored by players on different basketball teams:**

**#create data frame**

```
df <- data.frame(Team=c('A', 'B', 'C', 'D'),  
Mean=c(12, 22, 30, 31))
```

**#view data frame**

```
df
```

```
Team Mean
```

```
1 A 12
```

```
2 B 22
```

```
3 C 30
```

```
4 D 31
```

Now suppose we attempt to create a bar plot to visualize this data using ggplot2:

```
library(ggplot2)
```

**#attempt to create bar plot**

```
ggplot(df, aes(Team, mean)) +  
geom_bar(stat='identity')
```

**Don't know how to automatically pick scale for object of type function.**

**Defaulting to continuous.**

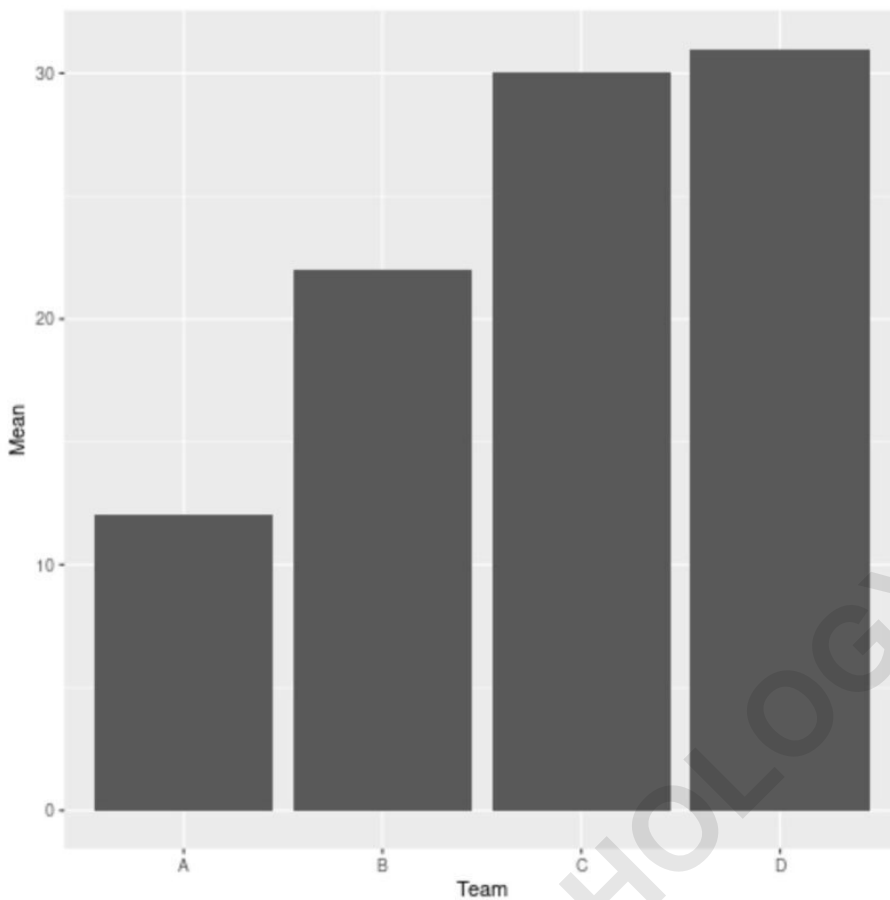
**We receive an error because we used mean within the aes() argument, which is the name of a default function in R.**

### **How to Fix the Error**

**The way to fix this error is to simply spell the variable name exactly as it is spelled in our data frame: Mean.**

**When we spell the variable name this way, we don't receive any error when creating the bar plot:**

```
library(ggplot2)  
  
#create bar plot  
ggplot(df, aes(Team, Mean)) +  
geom_bar(stat='identity')
```



**Notice that we're able to create the bar plot successfully without any error this time.**

**Additional Resources**