**Congratulations! You passed!**
**TO PASS** 80% or higher

Keep Learning

GRADE
100%

# Bar plots

**TOTAL POINTS 5**

1. How do you modify a ggplot() command to tell R to make a bar plot? **1 / 1 point**

- (•) Add a geom_bar() function to the ggplot() function.
- ( ) Add a barplot() function to the ggplot() function.
- ( ) Set a "bar" mapping inside the aes() function in ggplot()

**Correct**
Correct!

2. What is the difference between using geom_bar() and geom_bar(stat="identity")? **1 / 1 point**

- ( ) By default, geom_bar() will plot averges for values in column. geom_bar(stat="identity") will plot a single value on the y-axis.
- (•) By default, geom_bar() will plot counts of discrete values in a column. geom_bar(stat="identity") will plot a single value on the y-axis.
- ( ) By default, geom_bar() will plot counts of discrete values in a column. geom_bar(stat="identity") will identify the bar with a label.

**Correct**
Correct!

3. Say you had a plot that you started with this ggplot() function. Assume that variable1 and variable2 are categorical variables. **1 / 1 point**

ggplot(my_data,aes(x=variable1,fill=variable2))

What do you add to create a stacked barplot, so counts of different values of variable2 "stack" up to equal the sum of counts for the different values of variable1?

- ( ) +stacked_geom_bar()
- (•) +geom_bar()
- ( ) +geom_bar("stack")

**Correct**
Correct!

4. Say you had a plot that you started with this ggplot() function. Assume that variable1 and variable2 are categorical variables. **1 / 1 point**

ggplot(my_data,aes(x=variable1,fill=variable2))

What do you add to create a grouped barplot, so counts of different values of variable2 are grouped by values of variable1?

- ( ) +grouped_geom_bar()
- (•) +geom_bar(position="dodge")
- ( ) +geom_bar(position="group")

**Correct**
Correct!

5. Let's say you drew a bar plot where the bars were filled with colors based on some value in the data. R will automatically generate a legend. Which of these is a correct way to remove the legend? **1 / 1 point**

- ( ) +geom_bar(guides=FALSE)

- (●) +guides(fill=FALSE)
- ( ) +legend(location=FALSE)

✓ **Correct**
Correct.