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## Graded Quiz

Latest Submission Grade 100%

1. Which parameter of the **qplot()** function changes the border color of the bars in a bar chart to blue?

1 / 1 point

- ☐ border = l("blue")
- ☐ fill = l("blue")
- ☒ colour = l("blue")
- ☐ outline = l("blue")



Correct

The color parameter changes the border color of the bar.

2. How can you improve the smoothness of a histogram?

1 / 1 point

- ☐ Always go with the default number of bins.
- ☒ Reduce the number of bins to increase the bin width.
- ☐ Increase the number of bins to reduce the bin width.
- ☐ Changing the number of bins has no impact of the smoothness of the histogram.



Correct

By reducing the number of bins, you increase the bin width. This can smooth out the histogram but keep in mind that this may also reduce some important details in the distribution.

3. What step must you take before you can add the **coord\_polar()** function to **ggplot()** to create a pie chart?

1 / 1 point

- ☒ Add the **geom\_bar(position = "stack")** command to the **ggplot()** function.
- ☐ Add the **geom\_bar(position = "dodge")** command to the **ggplot()** function.
- ☐ Set the x argument of the **aes()** function used in the **ggplot()** function to the factor.
- ☐ Add the **geom\_circle()** command to the **ggplot()** function.



Correct

This command creates a stacked bar chart, which you must do before you can apply the **coord\_polar()** function.