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## Test your knowledge on annotating and saving visualizations

GESAMTPUNKTZAHL 5

1. Which of the following are benefits of adding labels and annotations to your plot? Select all that apply.

1 / 1 Punkt

- ☐ Choosing a geom for your plot
- ☒ Highlighting important data in your plot



Richtig

The benefits of adding annotations to your plot include indicating the main purpose of your plot, highlighting important data in your plot, and helping stakeholders quickly understand your plot.

- ☒ Helping stakeholders quickly understand your plot



Richtig

The benefits of adding annotations to your plot include indicating the main purpose of your plot, highlighting important data in your plot, and helping stakeholders quickly understand your plot.

- ☒ Indicating the main purpose of your plot



Richtig

The benefits of adding annotations to your plot include indicating the main purpose of your plot, highlighting important data in your plot, and helping stakeholders quickly understand your plot.

2. A data analyst is creating a plot for a presentation to stakeholders. The analyst wants to add a title, subtitle, and caption to the plot to help communicate important information. What function could the analyst use?

0 / 1 Punkt

- ☐ The facet\_wrap() function
- ☐ The labs() function
- ☒ The geom\_point() function
- ☐ The geom\_bar() function



Falsch

The analyst could use the labs() function to add a title, subtitle, and caption to the plot. The geom\_point() function uses points to create a scatterplot.

3. What function can you use to put a text label *inside* the grid of your plot to call out specific data points?

1 / 1 Punkt

- ☒ The annotate() function
- ☐ The facet\_wrap() function
- ☐ The aes() function
- ☐ The labs() function



Richtig

You can use the annotate() function to put a text label *inside* the grid of your plot to call out specific data points.

4. A data analyst wants to add the title "Penguins" to a plot that visualizes the penguins dataset. What is the correct syntax for the argument of the labs() function?

1 / 1 Punkt

- ☐ labs("Penguins")
- ☐ labs(title <- "Penguins")
- ☐ labs("Penguins" = title)
- ☒ labs(title = "Penguins")



Richtig

The code `labs(title = "Penguins")` uses the correct syntax for the argument of the labs() function. In the parentheses of the labs() function, write the word title, then an equals sign, then the specific text of the title in quotation marks.

5. Which of the following functions can you use to save your plots in ggplot2?

1 / 1 Punkt

- ☒ The ggsave() function
- ☐ The saveplot() function
- ☐ The ggplot() function
- ☐ The ggplotsave() function



Richtig

You can use the ggsave() function to save your plots in ggplot2.