## Feedback — Week 1 Quiz[Help](https://class.coursera.org/exdata-004/help/quizzes?url=https%3A%2F%2Fclass.coursera.org%2Fexdata-004%2Fquiz%2Ffeedback%3Fsubmission_id%3D3761)

You submitted this quiz on **Sat 12 Jul 2014 9:24 AM PDT**. You got a score of **10.00** out of **10.00**.

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### Question 1

Which of the following is a principle of analytic graphics?

|  |  |  |  |
| --- | --- | --- | --- |
| **Your Answer** |  | **Score** | **Explanation** |
| Make judicious use of color in your scatterplots |  |  |  |
| Don't plot more than two variables at at time |  |  |  |
| Show box plots (univariate summaries) |  |  |  |
| Show comparisons | Correct | 1.00 |  |
| Only do what your tools allow you to do |  |  |  |
| Total |  | 1.00 / 1.00 |  |

### Question 2

What is the role of exploratory graphs in data analysis?

|  |  |  |  |
| --- | --- | --- | --- |
| **Your Answer** |  | **Score** | **Explanation** |
| Only a few are constructed. |  |  |  |
| They are typically made very quickly. | Correct | 1.00 |  |
| Axes, legends, and other details are clean and exactly detailed. |  |  |  |
| They are made for formal presentations. |  |  |  |
| Total |  | 1.00 / 1.00 |  |

### Question 3

Which of the following is true about the base plotting system?

|  |  |  |  |
| --- | --- | --- | --- |
| **Your Answer** |  | **Score** | **Explanation** |
| Plots are typically created with a single function call |  |  |  |
| Plots are created and annotated with separate functions | Correct | 1.00 | Functions like 'plot' or 'hist' typically create the plot on the graphics device and functions like 'lines', 'text', or 'points' will annotate or add data to the plot. |
| Margins and spacings are adjusted automatically depending on the type of plot and the data |  |  |  |
| The system is most useful for conditioning plots |  |  |  |
| Total |  | 1.00 / 1.00 |  |

### Question 4

Which of the following is an example of a valid graphics device in R?

|  |  |  |  |
| --- | --- | --- | --- |
| **Your Answer** |  | **Score** | **Explanation** |
| A socket connection |  |  |  |
| The keyboard |  |  |  |
| A file folder |  |  |  |
| The computer screen | Correct | 1.00 |  |
| Total |  | 1.00 / 1.00 |  |

### Question 5

Which of the following is an example of a vector graphics device in R?

|  |  |  |  |
| --- | --- | --- | --- |
| **Your Answer** |  | **Score** | **Explanation** |
| TIFF |  |  |  |
| PNG |  |  |  |
| SVG | Correct | 1.00 |  |
| JPEG |  |  |  |
| Total |  | 1.00 / 1.00 |  |

### Question 6

Bitmapped file formats can be most useful for

|  |  |  |  |
| --- | --- | --- | --- |
| **Your Answer** |  | **Score** | **Explanation** |
| Plots that may need to be resized |  |  |  |
| Scatterplots with many many points | Correct | 1.00 |  |
| Plots that require animation or interactivity |  |  |  |
| Plots that are not scaled to a specific resolution |  |  |  |
| Total |  | 1.00 / 1.00 |  |

### Question 7

Which of the following functions is typically used to add elements to a plot in the base graphics system?

|  |  |  |  |
| --- | --- | --- | --- |
| **Your Answer** |  | **Score** | **Explanation** |
| plot() |  |  |  |
| points() | Correct | 1.00 |  |
| boxplot() |  |  |  |
| hist() |  |  |  |
| Total |  | 1.00 / 1.00 |  |

### Question 8

Which function opens the screen graphics device for the Mac?

|  |  |  |  |
| --- | --- | --- | --- |
| **Your Answer** |  | **Score** | **Explanation** |
| png() |  |  |  |
| quartz() | Correct | 1.00 |  |
| bitmap() |  |  |  |
| pdf() |  |  |  |
| Total |  | 1.00 / 1.00 |  |

### Question 9

What does the 'pch' option to par() control?

|  |  |  |  |
| --- | --- | --- | --- |
| **Your Answer** |  | **Score** | **Explanation** |
| the orientation of the axis labels on the plot |  |  |  |
| the size of the plotting symbol in a scatterplot |  |  |  |
| the plotting symbol/character in the base graphics system | Correct | 1.00 |  |
| the line width in the base graphics system |  |  |  |
| Total |  | 1.00 / 1.00 |  |

### Question 10

If I want to save a plot to a PDF file, which of the following is a correct way of doing that?

|  |  |  |  |
| --- | --- | --- | --- |
| **Your Answer** |  | **Score** | **Explanation** |
| Construct the plot on the screen device and then copy it to a PDF file with dev.copy2pdf() | Correct | 1.00 |  |
| Open the PostScript device with postscript(), construct the plot, then close the device with dev.off(). |  |  |  |
| Open the screen device with quartz(), construct the plot, and then close the device with dev.off(). |  |  |  |
| Construct the plot on the PNG device with png(), then copy it to a PDF with dev.copy2pdf(). |  |  |  |
| Total |  | 1.00 / 1.00 |  |

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