**R Background Check**

The main purposes of these notes are

* Evaluate whether you have the necessary background to have success in this course. If a significant portion of this material is new, I strongly advise you to talk to me about your R background.
* Provide a reminder of important R topics that I can refer back to as needed.

Questions:

1. What is S?

1. What is the birthdate of R? This is when version 1.0.0 was released.
2. What is an object?
3. What is a function?
4. What is the syntax for writing a function?
5. Why is the last line of a function so important?

1. How do you run a function?

1. What are good ways to organize the results returned from running a function?
2. What is a class in R?
3. Why is R often referred to as an object-oriented language?
4. How can you see a list of methods for a class?
5. How do you see a list of method functions for a generic function?
6. What are good sources for R help?
7. What is an R task view?
8. What is a good R blog?
9. How can you view a function’s code?
10. How can you determine what code in the function does?
11. What does “…” mean?
12. What is an R package?
13. Where can you obtain an R package?
14. What is an IDE?
15. What are good IDE’s for R?