

## Review: Writing functions like a pro / "Tidyverse" rant

1. Why would you create a function like `calc_midrange`?
2. Which argument must be included in built-in functions `max()` and `min()` to correctly handle missing values?
3. What is a key advantage of the one-liner version of `calc_midrange` over the longer version, and can you write the function down now?
4. Why can't you access the variables `max_val` or `min_val` outside of the `calc_midrange` function?
5. What package is used to benchmark R functions, and what function from that package is used to run the benchmark?
6. What is one key benefit of using the Tidyverse pipe operator `%>%` in data workflows? What is one disadvantage of a pipe?
7. What function was created to check whether a package like `microbenchmark` is loaded in the current R session? Can you write the function down?
8. Why might someone prefer Base R over Tidyverse for importing and cleaning a CSV file in a production environment?
9. What R function can save another function to a file for later reuse? Can you write down an example using the function `loaded`, and then check from within R if the file was created?
10. What is a common disadvantage of using Tidyverse functions like `select` and `mutate` compared to Base R?