

# Reproducible Code Self-Assessment

Your Name: \_\_\_\_\_

1. Describe and reflect on your project's current status with regard to documentation and code comments:
2. Describe and reflect on your project's current status with regard to performance and speed:
3. Describe your project's current status with regard to dependencies (operating system, software versions, libraries and library versions, files and data sets, file paths).  
If someone else tried to run your code, what might fail and why?

4. Assessment of “Code Smells”. Do any of these statements describe your code?

\_\_\_\_\_ Contains no user-written functions

\_\_\_\_\_ Contains overpacked functions

\_\_\_\_\_ Contains functions that only call other functions

\_\_\_\_\_ Contains functions with an excessive number of parameters

\_\_\_\_\_ Contains duplicate code (or repeat code with very slight differences)

\_\_\_\_\_ Contains long blocks of if/then statements, or many “levels” of conditional logic

\_\_\_\_\_ Contains memory-intensive task(s) that must be repeated at run time (vs. loading from file)

\_\_\_\_\_ Uses inconsistent or poor variable names (e.g. overly complicated names or non-semantic)

\_\_\_\_\_ Everything is in one monstrous Jupyter Notebook or RMD file

5. Comments on the above code smells that you identified, as well as which would be your top priorities for revision.

6. Additional reflections on the state of your repository: