

Style Rubric

Statistics 506, Fall 2017

Course Homepage (<https://jbhender.github.io/Stats506/>)

About

Style is an important element of writing useful scripts for statistical computing. Scripts submitted for this course will be graded using the rubric below. The rubric consists of five key elements: headers, comments, formatting, naming, and consistency. Each element will be graded according to the three point scale provided below.

Scoring scale

Score	Description
3	Scripts for this assignment are excellent demonstrations of the graded style element.
2	Scripts for this assignment generally follow the graded style element but show occasional lapses in consistency or minor deviations from the guideline. Lapses or inconsistencies affect the aesthetic appeal of the script, but not its overall readability.
1	Scripts for this assignment attempt to follow the grade style element, but do so poorly. The missing or poorly missing style elements affect the overall readability of the script.
0	The script demonstrates no understanding of a given style element.

Style elements

Scripts will be scored on each of the key style elements below.

Style Element	Description
Header	The script contains an informative and clearly demarcated header including essential elements including: author, references to sources for data or approach, relation (if any) to other project scripts, and a concise description of what the script does.
Comments	Comments are used appropriately throughout the script to organize the script and clarify what particular (sets of) commands are meant to accomplish.
Formatting	Indentation and spacing are used consistently to maximize readability and long lines are broken into appropriate pieces.
Naming	Variables (and other objects) are named appropriately and add to the script's readability. Capitalization and word separators are used consistently.

Style Element	Description
Consistency	Stylistic choices are used consistently throughout each script and follow commonly used conventions or agreed upon norms.