Biostatistics Z620 Grading Rubric

Component	Score	Qualities
Method Selection	6	✓ Selection of a reasonable and appropriate method for analyzing the data.
	3	✓ Selection of a method with moderate flaws with respect to the data or selecting multiple methods where one would suffice.
	0	✓ Selection of an inappropriate method for analyzing the data or selecting many methods, only some of which are appropriate.
Implementation	4	✓ Carry out the chosen method correctly.
	2	✓ Minor problems in implementing the chosen method.
	0	✓ Major problems in implementing the chosen method.
Reporting the method	2	✓ Clear description of the statistical methodology.
	1	✓ Some lack of clarity in the description of the statistical methodology.
	0	✓ Major problems in clarity. Report does not clearly describe which statistical methodology was employed.
Communication	2	✓ Clearly re-state the research question, use lay language, include graphics where appropriate to make your point visually, and write a coherent report.
	1	✓ Being accurate but too technical and/or failing to provide useful visual aids.
	0	✓ Being inaccurate in your language or your graphics and/or failing to write a coherent report.
Brevity	2	✓ Write to the point without rambling.
	1	✓ Writing about miscellaneous tests that you conducted before reaching your final approach to the data.
	0	✓ Writing about irrelevant tests and/or writing about things other than the question at hand.
Reporting the Results	4	✓ Summarizing the obtained results accurately in an appropriate paragraph or table. Technical statistical results appropriately placed between parentheses.
	2	✓ Reprinting Minitab or other software output verbatim without regards to readability. Reporting some extraneous results.
	0	✓ Reporting inaccurate results from your implementation of your analysis. Reporting many extraneous results.
Interpretation	3	✓ Interpret the conclusions accurately, on the scale of the original data, for a lay reader.
	2	✓ Minor problems with interpreting the data on the original scale for lay readers.
	1	✓ Moderate problems with interpreting the data on the original scale for lay readers.
	0	✓ Major problems with interpreting the data on the original scale for lay readers.
Inference	3	✓ Valid discussion of the nature of the data (observational or experimental) and the populations to which the conclusions apply.
	2	✓ Minor problems with understanding the limitations of the data.
	1	✓ Moderate problems with understanding the limitations of the data.
	0	✓ Major problems with understanding the limitations of the data.
Grammar	2	✓ Use complete, grammatically correct sentences.
	1	✓ 3-5 problems with grammar.
	0	✓ More than 5 grammatical errors.
Spelling	2	✓ Use correct spelling.
	1	✓ 3-5 spelling errors.
	0	✓ More than 5 spelling errors.

A+: 30	B+: 25	C+: 20	D: 15
A: 27-29	B: 22-24	C: 17-19	F: <15
A-: 26	B-: 21	C-: 16	