Part 1

MARKING CRITERIA	BELOW EXPECTATIONS	MEETS EXPECTATIONS	ABOVE EXPECTATIONS	EXCEEDS EXPECTATIONS
Reproducibility (2 Marks)	Analysis cannot be reproduced by running the R code in the notebook.	Analysis can be reproduced by running the R code in the notebook.		
Conciseness (2 Marks)	Excessive extraneous code and output	Some extraneous code and output.	No or negligible extraneous code.	
Choice of techniques (6 Marks)	Poor or unsuitable statistical techniques selected.	Suitable techniques selected but insufficiently justified.	Suitable techniques selected and sufficiently justified.	
Assumptions and requirements (5 Marks)	No appropriate diagnostics are produced.	Appropriate diagnostics are produced but not discussed or used in the analysis.	Appropriate diagnostics are produced and are discussed but do not affect the analysis.	Appropriate diagnostics are produced and are discussed and affect the subsequent analysis. (E.g., transformations applied, outliers deleted and sensitivity to them checked, nonparametric technique used.)
Implementation (5 Marks)	The analysis to answer the questions is not run.	The analysis to answer the questions is run but has minor mistakes.	The analysis to answer the questions is run without mistakes.	
Annotation of results. (5 Marks)	The results are not annotated or are severely misinterpreted.	The results are somewhat annotated and/or are slightly misinterpreted.	The results are well-annotated and correctly interpreted.	

Part 2

MARKING CRITERIA	BELOW EXPECTATIONS	MEETS EXPECTATIONS	EXCEEDS EXPECTATIONS
Technical (2 Marks)	Many spelling, grammar, and formatting errors.	Some spelling, grammar, and formatting errors.	No or almost no spelling, grammar, and formatting errors.
Reproducibility (3 Marks)	Critical results discussed in Part 2 cannot be found generated in Part 1.	Some results discussed in Part 2 cannot be found generated in Part 1.	All results discussed in Part 2 can be found generated in Part 1.
Audience (3 Marks)	The report can only be comprehended by a specialist (i.e., someone who has had a course in multivariate analysis).	The report can be comprehended by someone with advanced knowledge of Statistics.	The report can be comprehended by someone with basic (e.g., an introductory course) understanding of Statistics.
Answers (7 Marks)	The report fails to answer the substantive questions asked.	The report gives answers to the substantive questions asked but does not situate them in the context of the problem.	The report answers the substantive questions asked and properly situates them in the context of the problem.