Department of Statistics

Assessment Criteria for ST308 Project

Main aspects:

- Knowledge and understanding of basic concepts and principles
- Ability to apply knowledge to formulate a problem mathematically or statistically
- Ability to apply core concepts to solve a problem, selecting and applying appropriate methods and techniques
- Accurate use of mathematical notation
- Ability to make logical arguments
- Ability to interpret results and set them in context
- Ability to write coherent and functioning R and WinBUGS scripts

Mark (%)	Grade Descriptor	Characteristics
70-100	First	- Thorough wide-ranging knowledge and understanding of the subject - Deft application of knowledge to formulate and solve problems using appropriate methods and techniques - Consistently high level of accuracy - Arguments consistently expressed in a clear and logical way - Appropriate and in-depth interpretation of results - Significant capacity to solve more demanding questions requiring non-standard application of knowledge - Coherent and functioning R and WinBUGS scripts, with very few redundancy and errors.
60-69	2:1	- Clear knowledge and understanding of subject - Competent application of knowledge to formulate and solve problems using appropriate methods and techniques - High level of accuracy - Arguments are largely clear and logical - Appropriate interpretation of results - Some capacity to solve more demanding questions requiring non-standard application of knowledge - Working R and WinBUGS scripts, may contain some errors and redundancy but overall coherent.
50-59	2:2	- Sound knowledge and understanding of subject - Application of knowledge to formulate and solve standard problems using appropriate methods and techniques - Largely accurate work - Arguments are in general clear and logical - Largely appropriate but sometimes cursory interpretation of results - Limited capacity to solve more demanding questions requiring non-standard application of knowledge - Working R and WinBUGS scripts, may need to correct some errors before they are fully functioning.
40-49	Third	- Acceptable knowledge of subject, but gaps in understanding - Basic competency in application of knowledge to formulate

		and solve standard problems using appropriate methods and techniques • A number of slips in accuracy • Arguments are sometimes poorly expressed • Cursory interpretation of results • Little capacity to solve more demanding questions • R and WinBUGS scripts may contain substantial errors, although the main idea of what the programmes are aimed to do can still be understood.
0-39	Fail	• Little evidence of knowledge or understanding of subject • Little evidence of ability to apply knowledge to formulate and solve problems using appropriate methods and techniques • A large number of errors • Arguments poorly expressed • Little attempt to interpret results or inappropriate interpretation • R and WinBUGS scripts may not function and can be wrong.