Commentary to support marking

Mathematics SL   IA   May 2014

Criterion	Mark	Out of	Justification
A	4	4	Coherent, concise and well organised Flows well Clear Aim and rationale
B	2	3	Tables, graphs and charts appropriate although lack of colour on pie-charts and poor formatting (p9) detracts from their readability (penalised here and not in A) [Student should have turned in Colour Copy!]
C	3	4	Personal interest in topic clearly demonstrated Did own research to get required values Some independent thought Failed to make the intended links consistent with aim (penalised here not in A) P7 Compares different cultures (what is normal?)
D	3	3	Discusses weaknesses of approach – small sample size etc Considers real-world social implications of results (p7) Considers the issue of Causation implying Correlation Questions the validity of data from internet sources Considers possible extensions
E	4	6	Some errors in carrying out the t-test and the interpretation of the results demonstrates a lack of understanding P5 – not clear why student chooses n-1 formula for SD rather than n t-test not on SL course but commensurate Error in Ratio P8-9 – ratio represents the Average woman: model and not model: Average woman Student does not fully explain use of R^2 value and therefore understanding not demonstrated
Total:	16	20	