

Coursework Marking Grid – Data Visualisation – Part 1

Name MIKE WAKELYN

Mark _____

Grade _____

81%

QUESTION	EXCEPTIONAL 6	MERITORIOUS 5	HIGHLY COMPETENT 4	COMPETENT 3	PASS 2	FAIL 1
Description of what is right with the original poster (20%)	Provides detailed breakdown of cognition in data presentation	Identifies a wide range of good points	Explains the main good points in terms of cognitive processes	Identifies three to six good points	Identifies one or two obvious good points	Provides no ideas relating to the good points of the poster
Description of what is wrong with the original poster (20%)	Provides detailed breakdown of cognitive errors in data presentation	Identifies a wide range of problems	Explains the main problems in terms of cognitive processes	Identifies three to six problems	Identifies one or two obvious problems	Provides no reasons why the original poster was weak
Suggestion of improvements (30%)	Provides detailed breakdown of cognitive support in data presentation	Suggests a wide range of justified improvements	Justifies the main improvements in terms of cognitive processes	Suggests seven or more improvements; may justify some of them	Suggests three to six appropriate improvements	Makes few suggestions for how to improve the poster
Links to literature (10%)	All points referenced	Most points referenced	Considers cognitive issues	Considers other issues	Considers visual issues	No links to the literature
Document presentation (10%)	Reads like a technical review article	Good use of signposting; good use of English; tables of figures and tables	Clear sectioning of content; labelling of tables and figures; reasonable English	Some labelling of tables and figures; clearly needs spell- and grammar-checking	Basic use of introduction, body and conclusion; English is comprehensible.	No clear structure; incomprehensible
Referencing (10%)	>10 references AND three quarters or more of references are book/journal standard	>4 references AND three quarters or more of references are book/journal standard	<5 references AND more than half of references are book/journal standard	<5 references OR fewer than half of references are book/journal standard	<5 references AND fewer than half of references are book/journal standard	No references

Comments

Good abstract, although they're not generally needed for something that short.
 The section on what data visualisation is isn't needed. Focus on answering the questions and don't waste words on background material unless specifically asked for it.
 Good use of the bar chart and particularly for considering the scatterplot.
 There are some good points – the text is mostly clear, provides a title and a data source, for example.
 Well done.

Part 2

QUESTION	EXCEPTIONAL 6	MERITORIOUS 5	HIGHLY COMPETENT 4	COMPETENT 3	PASS 2	FAIL 1
Presentation of data (35%)	All forms are highly effective	Most forms are highly effective	Some forms are highly effective; all forms work	Most forms work; none a wildly inappropriate	Some forms work, others are inappropriate	Uses totally inappropriate forms
Answers questions (15%)	Answers all questions clearly and with minimal cognitive load	Answers all questions clearly	Answers 4 questions clearly	Answers 3 questions clearly	Answers 2 questions clearly	Answers 1 or no questions clearly
Use of colour (20%)	Professional-looking design	All colours are used appropriately and allow for limits of visual system	All colours are used appropriately	Most colours are visible	Some colours are readable	Unreadable
Use of other elements (20%)	Professional-looking design	All elements are used appropriately and allow for limits of visual system	All elements are used appropriately	Text is a sensible size and well-spaced	Text is readable but in an inappropriate manner.	Unreadable
Creativity (10%)	Professional-looking design	Most graphic design elements work well	Aesthetically pleasing/elegant in its simplicity	Some graphic design elements that work well	Plain, with no attempt to add graphic design elements	Ugly

Comments

Looks like a conference poster. 😊 Keeping to the blues would give a pleasing colour consistency.

1) Good

2) Good.

3)

4)

5)

Given that this is clearly aimed at an academic/professional audience these work well. If the poster was aimed at the general public they would cause problems, and bar charts of various kinds would be more suitable.

Well done.