Assessment 2 - Preparation of statistical methods and analysis for peer-reviewed journal

Due: Fri, 9 May 2025 23:59

Attempt 1 ⌄	◯ In Progress **NEXT UP: Submit assignment**	🗨 Add comment

3 Attempts Allowed

⌄ Details

Heading: Assessment 2: Preparation of statistical methods and analysis for a peer-reviewed journal article - Lane 2 Assessment

Purpose: To further develop students' analytical capabilities and ability to articulate their analysis in a form commonly encountered in practice: an academic journal article.

Learning outcomes assessed: 2, 3, 4, 5

Overview: Students will be required to present the findings from their analysis as an academic paper. This will be in the form of a manuscript for submission to the Medical Journal of Australia.

Due date: 9th May before 11:59pm

Weighting: 40%

Length and/or format: 1500 words excluding references, tables and diagrams - Lane 2 category task.

Referencing style: APA7 referencing should be used for this assignment. Information on referencing can be found within the **Library Referencing Guides. (https://libguides.acu.edu.au/referencing/vancouver)**

How to submit: You must submit a .docx file and a .spv file via the upload option below. Please do not upload more than two files.

Return of assignment: Marks and feedback will be returned to students via Canvas

Assessment criteria: Please see marking rubric below

Downloadable PDF for Assessment 2 (https://canvas.acu.edu.au/courses/25162/files/2499286?wrap=1)

AT2 Dataset.sav (https://canvas.acu.edu.au/courses/25162/files/2493451?wrap=1) ⬇ **(https://canvas.acu.edu.au/courses/25162/files/2493451/download?download_frd=1)**

Resources for reporting in APA format

numbers-statistics-guide.pdf (https://canvas.acu.edu.au/courses/25162/files/2117710?wrap=1)

Reporting statistics in APA format 🔗 **(https://www.scribbr.com/apa-style/numbers-and-statistics/)**

Statistical tables in APA 7 format.pdf (https://canvas.acu.edu.au/courses/25162/files/2503904?wrap=1)

Tables and symbols in a logistic regression 🔗 **(https://www.statisticssolutions.com/table-and-symbols-in-a-logistic-regression/)**

Video for creating APA7 tables

Creating tables in APA7 format video 🔗 **(https://www.youtube.com/watch?v=jTp6eK0ZnE8&ab_channel=APAStyleVideosbySam)**

⌄ View Rubric

Assessment 2 Marking Rubric

Criteria	Ratings		
Introduction view longer description	**Criteria Satisfied (4 - 5 marks)** A concise introduction has been written that clearly outlines the objective or research aim of the article. Contextualisation is sound and is understandable to the reader. At least one scholarly and reputable reference has been used in the appropriate context.	**Criteria Partially Satisfied (3 marks)** A concise introduction has been written that clearly outlines the objective or research aim of the article. Contextualisation is not clear and/or is ambiguous. At least one scholarly and reputable reference has been used in the appropriate context.	**Criteria Not Satisfied (< 3 marks)** Introduction does not include a clear research objective or aim. Contextualisation is not clear or ambiguous and no references have been used or references are not scholarly and reputable.
Methods view longer description	**Criteria Satisfied (6 - 7 marks)** Method for data collection is rational and takes into consideration participants, sampling technique and variables of interest. Participant description is clear and statistical methods used are appropriate and well communicated.	**Criteria Partially Satisfied (4 - 5 marks)** Method for data collection is rational and takes into consideration participants, sampling technique and variables of interest but there is still some ambiguity or lack of ability to reproduce the study. Participant description is clear and statistical methods used are appropriate and well communicated but with some minor errors.	**Criteria Not Satisfied (< 4 marks)** Method for data collection is not clear or non-existent and there is no consideration of participants and sampling techniques. Participant description is not clear and statistical methods used are inappropriate and not well communicated.
Results view longer description	**Criteria Satisfied (8 - 10 marks)** Tables and statistical reporting adhere to APA7 format and are well presented. Statistical methods chosen have been conducted well and correct values have been achieved.	**Criteria Partially Satisfied (5 - 7 marks)** Tables and statistical reporting adhere to APA7 format are presented well but with minor errors. In some instances, statistical tests chosen are inappropriate and some values are incorrect or missing.	**Criteria Not Satisfied (< 5 marks)** Tables and statistical reporting do not adhere to APA7 format and are not presented well. Statistical tests chosen are not appropriate or some values are incorrect and/or missing.
Discussion and Conclusion view longer description	**Criteria Satisfied (8 - 10 marks)** Discussion section is written well and clearly discusses the findings from statistical analyses. There is evidence of comparing to other studies and a clear outline of limitations of the study and future implications and/or improvements have been documented or suggested. Conclusion section has been written and gives a good overall summary of the work done.	**Criteria Partially Satisfied (5 - 7 marks)** Discussion section is written well and clearly discusses the findings from statistical analyses. There is however a lack in - comparison of this study to other studies, limitations of the study and/or future implications/improvements to the study. Conclusion section has been written but lacks in its summary of the work done.	**Criteria Not Satisfied (< 5 marks)** Discussion section is not written well and does clearly discuss the findings from statistical analyses. There is no evidence of comparing to other studies and limitations of the study and/or future implications and improvements to the study are not documented or suggested. Conclusion section is written poorly and/or is severely lacking in summary.
References and Written Communication view longer description	**Criteria Satisfied (7 - 8 marks)** At least 10 references have been used. Majority of references are scholarly and reputable and used in an appropriate context. Reference list and citations adhere to the APA7 style of referencing. Overall, written communication is at a high academic standard with no grammatical errors or ambiguity in the construction of English sentences.	**Criteria Partially Satisfied (4 - 6 marks)** Less than 10 references have been used. Majority of references are scholarly and reputable and in an appropriate context. Reference list and citations adhere to the APA7 style of referencing. Overall, written communication is sound but is not articulate and there are grammatical errors, ambiguity, and incorrect phrases in the construction of English sentences.	**Criteria Not Satisfied (< 4 marks)** Less than 5 references have been used. Majority of references are not scholarly or reputable and not used in an appropriate context. Reference list and citations do not adhere to the APA7 style of referencing. Overall, written communication is poor and construction of English sentences are disconnected. Article contains many grammatical errors, ambiguity, and/or incorrect phrases.

Choose a submission type