INF6029

Information on individual report
(80% of INF6029 coursework)

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Coursework - Overview

- Individual project to analyse data using the methods covered in the module

- Produce a **2,500±10% word** essay (excluding: tables, figures, diagrams, references and appendix) on a topic of your choice from the ELSA Wave 7 study

- The Abstract is included in the word count

- Must use the ELSA Wave 7 dataset

Coursework - Analyses

- Define your research question - usually in the form of a single, overarching one

- Select a set of appropriate categorical and continuous variables (discuss with Laura if needed)

- Describe these variables

- Analyse variables using appropriate parametric and non-parametric statistical methods:

  - hypothesis testing (setting of H_0 for each analysis)

  - e.g. Mann-Whitney, Correlation, Chi^2 tests, Regression

- Prepare a report to present, describe and discuss the analyses

Coursework - report (sections)

- Title

- Structured Abstract (must be <u>informative</u>, i.e. including aim, methods, results and conclusions)

- Introduction
  - Background and context for the research (ageing population, why your topic is important)
  - Review of recent relevant studies (Literature review)
  - Overall aim and objectives

- Methods:
  - Description of ELSA study and data (brief)
  - Summary of data and statistical methods used for your analysis

- Results (both as tables/diagrams and text)

- Discussion (critically compare your results with those from the literature)

- Conclusion (with limitations and suggestions for further research)

- References (using APA 7th edition)

- Appendix with SPSS output

Coursework - report

Remember to add an Appendix after your Reference list containing copies of all SPSS output (not part of the word count, but compulsory)

Coursework - report

Use charts and tables within the report to make it more complete and easier to read

P.S. please make sure you format all tables accordingly and not just copy-paste from SPSS!

Example of result reporting in a table

Table 1. Univariate Associations of Self-Rated Health With Demographic and Clinical Variables (1985) and With Status in 1989 and 1993

Variable	N (Missing)	Self-Rating of Health, n		
		Poor/Fair	Average	Good/Excellent
Overall (%)	995‡	213 (21.4%)	167 (16.8%)	615 (61.8%)
Age				
<75	496	184	77	313
75+	499	107	90	302
Sex*				
Male	382	69	55	258
Female	613	144	112	357
Not seen GP in previous month†	651 (6)	107	92	452
Seen GP in previous month	338	103	75	160
Not seen district nurse in previous month†	902 (5)	173	155	574
Seen district nurse in previous month	88	38	12	38
Not seen home help in previous month†	834 (5)	146	137	451
Seen home help in previous month	156	65	30	61
Taking 0/1 prescribed medicine†	495 (18)	54	63	378
Taking 2+ prescribed medicines	482	155	104	223
Status on 30 April 1989				
Alive†	780 (0)	151	126	503
Dead	215	62	41	112
Status on 30 April 1993				
Alive†	570 (0)	93	96	381
Dead	425	120	71	234

*$p < .05$.
†$p < .001$.
‡Forty-seven participants failed to answer this question and are excluded from this table

Coursework - report

Report should be in accordance with the [Student Handbook](#) guidance:

Deadline = 2pm Monday 13th January 2025

Remember to **add the correct word count to the title page** to avoid incurring in penalties!