

PS907-15 Advanced Qualitative and Quantitative Analysis

20/21

Department

Psychology

Level

Taught Postgraduate Level

Module leader

Claudie Fox

Credit value

15

Module duration

10 weeks

Assessment

100% coursework

Study location

University of Warwick main campus, Coventry

Description

Introductory description

This module adopts a clinically relevant practical focus to introduce students to both advanced qualitative and quantitative analysis.

[Module web page](#)

Module aims

To provide background for the student to understand and apply a variety of standard and advanced methods of quantitative and qualitative data analysis.

Outline syllabus

This is an indicative module outline only to give an indication of the sort of topics that may be covered. Actual sessions held may differ.

- Qualitative Data Analysis, including approaches such as Thematic Analysis, Interpretative Phenomenological Analysis, Grounded Theory etc.
- Quantitative Data Analysis, including statistical techniques to compare groups (e.g., t-tests,

ANOVA, ANCOVA, MANOVA) and statistical techniques to explore relationships among variables (e.g., multiple regression, logistic regression, factor analysis)

Learning outcomes

By the end of the module, students should be able to:

- Demonstrate an understanding of a variety of approaches to qualitative analysis and critically appraise the credibility and dependability of qualitative methods within a research study
- Analyse and interpret qualitative data using a specified qualitative analysis method
- Demonstrate an understanding of data interpretation and presentation and justify the conclusions and recommendations arising from the data
- Perform simple and advanced regression analyses
- Perform simple and advanced analysis of variance
- Outline and compare techniques such as multidimensional scaling and factor analysis

Indicative reading list

- Quantitative References
Field, A., Miles, J., & Field, Z. (2018). *Discovering statistics using SPSS* (5th ed.). London: Sage.
Howell, D. C. (2012). *Statistical methods for psychology* (8th ed.). Belmont, CA: Wadsworth. (Electronic Resource).

Qualitative References

A search of the Library catalogue will reveal a lot of relevant texts. You might find the following particularly useful:

- Braun, & Clarke, (2006). Using thematic analysis in psychology. *Qualitative Research in Psychology*, 3, pp. 77-101. (Available through the University of Warwick Library e-resources)
- McLeod, J. (2011) *Qualitative Research in Counselling and Psychotherapy* (2nd ed.). London: Sage Publications.
- Sullivan, C. & Forrester, M. (eds.) (2019). *Doing qualitative research in psychology. A practical Guide* (2nd ed.). London: Sage.

Subject specific skills

- Conduct, interpret and present a variety of approaches to qualitative and quantitative analysis relevant to clinical psychology
- Critical appraisal of the credibility and dependability of qualitative methods
- Effective evaluation of a range of techniques

Transferable skills

- Effective communication skills to present and justify conclusions and recommendations arising from data
- Analysis and interpretation of data

- Critical evaluation of primary and secondary sources
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Study

Study time

Type	Required
Lectures	10 sessions of 1 hour (7%)
Practical classes	10 sessions of 1 hour (7%)
Private study	130 hours (87%)
Total	150 hours

Private study description

130 hours private study and assessment preparation

Costs

No further costs have been identified for this module.

Assessment

You must pass all assessment components to pass the module.

Students can register for this module without taking any assessment.

Assessment group A2

	Weighting	Study time
Assignment 1 - Quantitative Quantitative 3,000 words	50%	
Assignment 2 - Qualitative Assignment 2 - Qualitative 3,000 words	50%	

Feedback on assessment

Formative feedback: during practical sessions/workshops.
Summative feedback: written feedback and comments on assignments.

Availability

Courses

This module is Core for:

- Year 1 of TPSS-C8P5 Postgraduate Taught Clinical Applications of Psychology

This module is Core optional for:

- Year 1 of TPSS-C8P9 Postgraduate Taught Psychological Research

This module is Core option list A for:

- Year 1 of TPSS-C8P9 Postgraduate Taught Psychological Research