

# PS907-10 Advanced Qualitative and Quantitative Analysis (ESRC DTP Version)

**21/22**

**Department**

Psychology

**Level**

Taught Postgraduate Level

**Module leader**

Claudie Fox

**Credit value**

10

**Module duration**

10 weeks

**Assessment**

100% coursework

**Study location**

University of Warwick main campus, Coventry

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## 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 (10%)
Practical classes	10 sessions of 1 hour (10%)
Private study	80 hours (80%)
Total	100 hours

### Private study description

80 hours private study and assessment preparation

### Costs

No further costs have been identified for this module.

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## Assessment

You must pass all assessment components to pass the module.

### Assessment group A2

	Weighting	Study time
Assignment	100%	
written assignment, max 3000 words		

### Feedback on assessment

Formative feedback: during practical sessions/workshops.\r\nSummative feedback: written feedback and comments on assignments.\r\n

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## Availability

### Courses

This module is Optional for:

- Year 1 of TIMA-L981 Postgraduate Social Science Research