

**‘Developing a reusable e-learning object
for
efficient teaching of qualitative coding’**

**Dr Hilary McDermott
Dr Fehmidah Munir
Lee Barnett (E-Learning)
Dr Katryna Kalawsky**



Qualitative methods

- Qualitative data analysis is difficult to teach particularly when teaching in a large lecture learning environment (Clark & Lang, 2002).
- Pedagogical challenges include:
 - The nature of uncertainty
 - readiness of undergraduates to learn qualitative coding (whereby most are ingrained in quantitative hypothesis testing) (Raddon, Raby & Sharpe, 2009)
- Students are often unfamiliar with a subjective and interpretive approach to learning and find the concept of qualitative coding difficult.



Learning Objects

- The aim of this project was to develop and evaluate an interactive, reusable electronic learning object to complement face to face teaching of thematic qualitative coding
- Learning Objects:
 - are an innovative medium through which to demonstrate concepts
 - can empower learner-driven experiences and promote cognitive processing (Bannan-Ritland et al.,2000).
 - Provide resources from any location and at any time



E-Qual

E-Qual @ Lboro

Helping you code qualitative data efficiently

Loughborough University // School of Sport Exercise and Health Sciences // PSB316

Evaluation

- Of those completing the evaluation:
 - 90.6% (n=29) 'strongly agreed' or 'agreed' that the learning object helped them learn to code qualitative data
 - 87% (n=28) 'strongly agreed' or 'agreed' that the learning object helped them learn at their own pace
 - 96.9% (n=31) 'strongly agreed' or 'agreed' that the learning object allowed them to develop better understanding of how to code qualitative data



Thank you for Listening

Dr Hilary McDermott

H.J.McDermott@lboro.ac.uk

Dr Fehmidah Munir

Lee Barnett

Dr Katryna Kalawsky