Background

Finite public resources coupled with an increasing demand for health care means that decisions have to be made about how to most efficiently allocate the scarce health care budget. This requires information about costs and benefits of health care. Health economists have developed techniques that can provide values for health care benefits. A technique that is increasingly used for this purpose is the discrete choice experiment (DCE) method.

DCEs are now widely applied to value health and health care. Furthermore, DCEs are a potential method to recognise the importance of patient centred care, and to value patient experiences in the delivery of health care.

DCEs are also applied more widely to consider population and health care professionals’ preferences in many areas of health policy such as:
- Lifestyle interventions
- Health state valuation
- Medical careers decision making
- Priority setting

HERU’s DCE Course

The Health Economics Research Unit (HERU) has been teaching short courses on DCEs since 2003. This year’s course will take place over 3 days from 19-21 September.

This course introduces the theoretical basis for, and development and application of DCEs. A combination of theoretical and practical sessions are used to provide a step-by-step guide to all stages of conducting a DCE, from conception to interpretation.

Presenters

Professor Mandy Ryan, Dr Verity Watson and Dr Luis Loria from the Health Economics Research Unit (HERU) at the University of Aberdeen will present the course.

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Benefits of Course

After attending this course, participants will be able to:

- understand and communicate the theory underlying discrete choice experiments
- be familiar with the entire process of conducting a DCE, using best practice techniques for design, administration and analysis.
- understand key methodological issues that may arise in applications of discrete choice experiments

Who should attend?

This course is aimed at those interested in applying DCEs in health economics and will focus on the practical and theoretical issues raised when applying the technique.

The course includes practical group work sessions with computers that allow participants to gain first hands-on experience with the conduct and analysis of DCEs.

No prior knowledge of economic theory or DCEs is required to follow the course. Prior experience with regression analysis may be an advantage.

Use of Software

Participants are encouraged to bring their own laptops with trial Software versions of Ngene (www.choice-metrics.com) and STATA (www.stata.com) pre-installed. A trial license of Ngene will be provided as part of the Course.

Times

Registration is from 8.30am on day 1. The course starts at 9.00am on day 1 and finishes at 1.30pm on day 3. Following lunch on day 3, some of the presenters will be available to meet with participants on a one-to-one basis to discuss any remaining questions or the participants’ DCE. To register for the course please complete the registration form Using Discrete Choice Experiments in Health Economics 2022 | University of Aberdeen (abdn.ac.uk)

For further information please contact Lesley Innes – l.innes@abdn.ac.uk

The registration fee includes 3 nights’ accommodation (18, 19 & 20 Sep) at the Park Inn by Radisson, Aberdeen, all lunches, a reception drink and a participant dinner.

Participants will receive a full documentation pack containing:

- A bound copy of the teaching material
- All group work and answers
- A copy of the book “Using discrete choice experiments to value health and health care” by Ryan, M., Gerard, K. and Amaya-Amaya, M.
- A bibliography linked to the subject area

Registration fees:

<table>
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<tr>
<th>Sector</th>
<th>Price (£)</th>
</tr>
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<tbody>
<tr>
<td>Students/Academic/Public</td>
<td>1,695</td>
</tr>
<tr>
<td>Commercial Sector</td>
<td>2,390</td>
</tr>
</tbody>
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Late Registration Fee (if applicable) £1895, £2590 after 1st August 2022

For information on registration, please visit our website: www.abdn.ac.uk/heru/courses/workshops/

We look forward to welcoming you in Aberdeen

Day 1 Monday 19 September 2022

Session 1: Introduction to Discrete Choice Experiments
Session 2: Defining attributes, levels and choice sets
Session 3: Experimental Design 1
Practical Session 1: Using the Catalogue
Group work 1: Using the Catalogue

Day 2 Tuesday 20 September 2022

Practical Session 3: Introduction to Ngene
Group Work 3: Generating multiple choice sets using Ngene

Day 3 Wednesday 21 September 2022

Session 7: Data analysis 1
Group work 5: Data analysis using Stata
Session 8: Data analysis 2
Group work 6: Deriving welfare estimates
Session 9: Advances on choice modelling

Drinks Reception (@Hotel Bar Area)

Course Dinner