STATISTICAL METHODS IN ECONOMIC EVALUATION FOR HEALTH TECHNOLOGY ASSESSMENT

FOUNDATIONS COURSE
Monday 19 March – Tuesday 20 March 2018
york.ac.uk/che/courses/statistical-methods

This 2-day course is designed for those wishing to develop an introductory understanding of the fundamental statistical concepts used in economic evaluation for Health Technology Assessment (HTA). The course includes a mixture of taught modules and practical exercises, where participants will learn the relevant statistical concepts and their estimation using the statistical software package Stata®.

No prior knowledge of Stata® is required to be able to complete these practical exercises, but participants are expected to have a basic familiarity with concepts of cost-effectiveness analysis.

Course fees (UK VAT exempt):
| Public/academic sector delegates | £760 |
| Commercial sector delegates      | £1200 |

REGRESSION METHODS COURSE
Wednesday 21 March – Friday 23 March 2018
york.ac.uk/che/courses/statistical-methods/#tab-2

This course is intended for people currently undertaking health economic evaluations within the pharmaceutical and medical device industries, consultancy, academia or the health service who wish to learn how to use regression methods to analyse individual patient-level cost, health outcomes and cost-effectiveness data.

Exercises will be based on Stata® statistical software so some prior experience of using Stata® would be an advantage. The course will take place in a computer lab within the University of York campus and each participant will have access to a PC with the necessary files and Stata®.

Course fees (UK VAT exempt):
| Public/academic sector delegates | £1150 |
| Commercial sector delegates      | £1800 |

Decision analytic modelling is widely used internationally to estimate costs, outcomes and cost-effectiveness of different interventions and programmes in health care and public health, and to assess the value of new pharmaceuticals as a basis for health systems to determine whether they should be funded.

DEcision ANALYTIC MODelling FOR ECONOMIC EVALUATION

FOUNDATIONS COURSE
Monday 9 April – Tuesday 10 April 2018
york.ac.uk/che/courses/decision-analytic-modelling/#tab-1

This 2-day course provides an introduction to the principles and practice of decision analysis for economic evaluation in health. A collaboration between CHE, University of York and the University of Glasgow, this course uses a combination of lectures and computer-based exercises with Excel®. Topics include model conceptualisation, decision trees, Markov models and diagnostics.

The course is aimed at those currently undertaking economic evaluation within the pharmaceutical and medical device industries, consultancy, academia or the health service.

Course fees (UK VAT exempt):
| Public/academic sector delegates | £760 |
| Commercial sector delegates      | £1200 |

ADVANCED COURSE
Wednesday 11 April – Friday 13 April 2018
york.ac.uk/che/courses/decision-analytic-modelling/#tab-2

This 3-day course, again run jointly with the University of Glasgow, uses a combination of lectures and tutor-supported computer-based exercises with Excel®. It covers more advanced modelling topics including adding time-dependent transition probabilities to Markov models using survival analysis, implementing and presenting probabilistic sensitivity analysis and expected value of information analysis.

It is envisaged that participants will currently be undertaking modelling for health economic evaluation.

Course fees (UK VAT exempt):
| Public/academic sector delegates | £1150 |
| Commercial sector delegates      | £1800 |

Specialist Spring Courses Administrator:
Mrs Linda Baillie e-mail: che-admod@york.ac.uk
(Decision Analytic Modelling courses)
YORK SUMMER WORKSHOPS IN HEALTH ECONOMIC EVALUATION 2018

Successful for over 20 years, and fully subscribed to in 2017, we offer our three York Summer Workshops, aimed at those involved in initiating, undertaking, managing or interpreting economic evaluations or quality of life assessments of medicines and other technologies within pharmaceutical and medical device companies, clinical and health services research and health care decision-making organisations.

**FOUNDATIONS OF ECONOMIC EVALUATION IN HEALTH CARE**

- **Monday 18 June – Friday 22 June 2018 (5 days)**
  - Leaders: Professor Michael Drummond and Professor Mark Sculpher

  The 5-day ‘Foundations’ Workshop includes comprehensive coverage of all key issues in the methods and practice of economic evaluation. It is designed for those, new to the field, wishing to appreciate and appraise studies done by others, or requiring a foundation for more advanced study. It includes discussion of the main design features of studies, such as costing methods, health state preference valuation, integrating economic analysis with clinical trials and modelling approaches. Also, given the increasing demands for studies by health care decision makers, such as the National Institute for Health and Care Excellence (NICE) in the UK, there is in-depth discussion of official requirements and the perspectives of decision makers. The wide range of countries and work backgrounds represented among the participants provides an opportunity to learn from a wide range of experiences.

  The majority of the lectures are given by Professor Michael Drummond and Professor Mark Sculpher. In addition there are a number of tutored practical group exercises, which provide the opportunity to learn by ‘doing’. The Foundations Workshop fee includes a complimentary copy of the latest 4th edition of the best-selling textbook ‘Methods for the Economic Evaluation of Health Care Programmes’ by Michael Drummond, Mark Sculpher and others.

  **Workshop fees (UK VAT exempt):**
  - Early booking fee (before 30 March 2018) £2560
  - Standard booking fee (after 30 March 2018) £2680
  - Discounted fee for public sector employees £1950

Further details on the York Summer Workshops are available at:
york.ac.uk/che/courses/york-summer-workshops

**ADVANCED METHODS FOR COST-EFFECTIVENESS ANALYSIS: MEETING DECISION MAKERS’ REQUIREMENTS**

- **Monday 25 June – Friday 29 June 2018 (5 days)**
  - Leaders: Professor Mark Sculpher and Professor Michael Drummond

  The 5-day ‘Advanced’ Workshop deals with advanced methods in economic evaluation in health care. It is structured around the analytical steps required to develop economic analyses to inform decision makers such as reimbursement agencies, hospital managers and formulary committees. Although many examples relate to medical technologies (e.g. drugs, devices and diagnostics), the principles extend to other types of intervention like public health. Recent developments in the field are covered, including those relating to evidence synthesis, uncertainty and value of information analysis. In addition to presentations, the workshop includes a series of exercises focusing on the development and analysis of a decision model, and includes computer-based work.

  In order to get the most out of the Advanced Workshop, participants should be familiar with Drummond et al. Methods for the Economic Evaluation of Health Care Programmes, Oxford: OUP, 4th Edition, 2015, and ensure they are familiar with the main functions of Excel®.

  The Faculty and tutors come from the Team for Economic Evaluation and Health Technology Assessment at the Centre for Health Economics, University of York.

  **Workshop fees (UK VAT exempt):**
  - Early booking fee (before 30 March 2018) £2560
  - Standard booking fee (after 30 March 2018) £2680
  - Discounted fee for public sector employees £1950

Further details on the York Summer Workshops are available at:
york.ac.uk/che/courses/york-summer-workshops

**OUTCOMES MEASUREMENT AND VALUATION FOR HEALTH TECHNOLOGY ASSESSMENT (HTA)**

- **Monday 2 July – Wednesday 4 July 2018 (3 days)**
  - Leaders: Professor Andrea Manca, Professor Mark Sculpher and Dr Andrew Lloyd

  Revised and updated in 2014, the 3-day ‘Outcomes’ workshop includes new material linked directly to the needs of organisations, such as the National Institute of Health and Care Excellence (NICE), which make decisions about health care delivery and funding. The workshop covers the key principles of outcomes measurement and valuation as well as their practical implementation in health technology assessment. It focusses on the design, construction and application of a range of approaches to measuring and valuing health outcomes. The approaches considered include methods used in healthcare economic evaluation, such as quality-adjusted life years (QALYs) based on preference-based generic measures (e.g. EQ-5D, HUI); approaches used to ‘map’ from clinical and disease-specific outcomes to generic measures; and direct elicitation of preferences. The use of discrete choice experiments and subjective wellbeing is also considered. This workshop assumes participants have a basic familiarity with HTA and focusses on the role and utilisation of outcomes in HTA for decision making.

  The workshop delivers a mixture of lectures and hands-on exercises. The majority of lectures will be delivered by Professor Andrea Manca, Professor Mark Sculpher, and Dr Andrew Lloyd. Tutors will also be available to support participants during the exercises.

  **Workshop fees (UK VAT exempt):**
  - Early booking fee (before 30 March 2018) £1630
  - Standard booking fee (after 30 March 2018) £1700
  - Discounted fee for public sector employees £1080

Further details on the York Summer Workshops are available at:
york.ac.uk/che/courses/york-summer-workshops

York Summer Workshops Coordinator:
Mrs Vanessa King
Centre for Health Economics (CHE), University of York, UK.
Tel: +44 (0)1904 321450  e-mail: irss82@york.ac.uk

York Summer Workshops venue:
The award-winning 4-star Principal York Hotel:
phcompany.com/principal/york-hotel