SCHOOL OF PUBLIC HEALTH, UQ
STATISTICAL SERVICES BRANCH, QUEENSLAND HEALTH

WORKSHOP: INTRODUCTION TO LINKED HEALTH DATA

Date 6 - 7 November 2017
Location UQ Herston Campus, Brisbane
Program Co-ordinator Professor Gita Mishra

Entry requirements For current health researchers; please refer to the enrolment form for details

Workshop Overview

This is a 2 day introductory workshop to acquaint existing health researchers with the skills needed to undertake basic research using linked health data. Participants will be provided with both theoretical and hands on training.

Desktop computers will be available to use at UQ during the workshop. Course notes will be distrubuted to each participant. Places are limited to a maximum of 20. Tea and coffee will be provided.

Who is this workshop for?

Current health researchers, who are working on or planning projects that use linked health record data. For example Medical Benefits Schedule (MBS), Pharmaceutical Benefits Scheme (PBS), admitted patients, or aged care datasets.

Learning outcomes

On completion of this workhop, participants should be able to:
- Understand how linked data is created, and appreciate its role in health research
- Understand the ethical/privacy issues, and the application process for accessing linked health data
- Be able to incorporate linked data in the design of studies
- Be able to manipulate linked data to prepare it for analysis
- Complete basic analysis of linked data.

Topics

Session 1: Background and overview:
- What is linked data?
- Data linked by Queensland Health
- Ethical and privacy issues
- Accessing linked data

Session 2: Working with linked data:
- Examples of linked data
- How data linkage is done, including deterministic and probabilistic methods

Session 3: Analysing linked data:
- Preparing data for analysis, including hands-on exercises
- Basic analysis methods, including hands-on exercises with simulated data

Note: SAS will be used in this workshop, which assumes prior knowledge of the data step to merge, sort and summarise data.

Location

Room 015, Public Health Building (887), Herston, Brisbane (map: http://www.pf.uq.edu.au/maps/Herston.pdf)

Cost

There is no charge for this workshop.
Places are limited and will be allocated on the basis of existing statistical skills, and current or planned projects involving linked health data.

Enrolment

To apply for a place on this course, please complete the online enrolment form
For all enquiries please contact Rickard Hockey (07) 3365 5257 or r.hockey@sph.uq.edu.au

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