Statistical course- Free

Rates, survival, cumulative risks and multistate models with R & Epi::Lexis

Short course delivered by:

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Date: Thursday 22 & Friday 23 February, 10-4 2023

Venue: Tutorial Rooms 4/5. La Trobe University Level 4, 99 Commercial Road. Melbourne

- **Program**.
- **Computing requirements:**
  - A couple of sheets of blank paper and a pencil (fountain pen if available)
  - A computer with an installation of the latest **R** -version (4.1.1)
  - with the latest versions of the **Epi** package (2.44)
  - the **popEpi** package (0.4.8).
- **Practicals with solutions**. Includes the course program. The course is built around the practicals document.
- **R code** for all practicals.
- Very preliminary **slides** --- handouts as 1-ups or 3-ups or 10-ups.
- **Related to the course topics:**
  - **Overview of basic concepts in survival analysis**. A compressed overview of essential quantities and their interrelations.
  - **Epi** package website. Links to vignettes from the package and notes on survival and multistate modeling.
  - **Modern demographic methods in epidemiology** website with links to earlier courses of similar content, with links to papers of relevance. Some really outdated.
  - **Practical Multistate Modeling with R and Epi:Lexis** A draft book manuscript. This is work in progress, so prone to changes.
  - Links to published work using multistate models is **here**.

This course will be conducted in R and will assume basic proficiency in statistics and R. **Register here:** https://www.eventbrite.com.au/e/statistical-course-tickets-528010933917

Registrations are essential as there are limited places available. Registrations will close on *Friday 17th February* or as soon as all places are filled.