



**Karolinska
Institutet**

Beyond classic designs & analysis for health data

National University of Singapore

June 29th - July 8th 2022

Structure of the course

Lectures (some interactive)

Methods exercises (pencil and paper, computational)

Concepts exercises (applications in own research/work)

Optional

Formulation of a design or analysis plan, or implementation of an analysis, preferably based on the participant's own material, with feedback from teachers.

Course web site

WWW.....

Prior to the start of the course, this will contain:

PDF files of selected papers to read in advance of the sessions.

Instructions for setting up necessary R packages and Stata commands, together with a sheet of common commands

Prior to each session:

Lectures, exercises and data sets for the Session

After each session:

Excerpt from draft text book "*Controlled Epidemiological Studies*"

Participant's own work

Prior to the course, participants were invited to describe an investigation from their own work.

During the course, they will be encouraged to update and develop one or more of the following:

a proposed design,
proposed analysis,
results from an actual data analysis.

Written feedback will be offered for a week after the course, regarding the validity of the approach and/or interpretation of results.