Observational study

Intro

A approach of collecting data through observing the effect of risk factor etc,

without trying to intentionally control independent variable and thus independent variables are under the control.

Independent variable refer variables does NOT affect the others.

NOTICE

NOTICE that in observational study there may be more than independent variables

since one does NOT have to intentionally control them (one observes targets to get result.)

Category

Cohort study

Cohort refers any group of targets which are linked in some way.

In cohort study, researcher usually compares what happens to members of cohort that have been exposed to members of cohort that have NOT been exposed.

Case Control Study

In case control study, researchers usually identify with existing cases and problem then compare them with respect to one or more exposures.

Ref

From textbook (see GitHub).

[Observational vs. experimental studies (iwh.on.ca)](https://www.iwh.on.ca/what-researchers-mean-by/observational-vs-experimental-studies)