Estudio Prospectivo de la
Ciudad de México
Mexico City Prospective Study

Facultad de Medicina

DIVISIÓN DE INVESTIGACIÓN
FACULTAD DE MEDICINA
UNAM

UNIVERSITY OF
OXFORD

Workshop #2:

Survival Analysis in MCPS using R

September 26 th 2024

Unidad de Medicina Experimental, Hospital General de Mexico

The workshop is designed for those who wish to analyse time-to-event and understand survival data within MCPS.

During the workshop, participants will be introduced to:

- The concept of survival analysis in epidemiological studies.
- Cox regression models and their assumptions.
- The data available in MCPS for survival analysis.

Through practical sessions using MCPS data, participants will learn how to:

- Run a Cox regression model.
- Conduct an age-at-risk analysis.
- Visualize results using linear plots and floating absolute risks.

By the end of the workshop, participants will be able to:

- Analyse MCPS survival data and interpret results using Cox proportional hazards models.
- Produce and interpret graphical displays appropriate for survival analysis.

Requisites:

Attendees are required to have prior knowledge of statistics, including the use of linear and logistic regression models. Previous basic experience with R or any other statistical software is desirable but not mandatory. Lectures and teaching material will be in English. However, on-site Spanish-speaking staff will facilitate translation where needed.

Workshop Leads: Diego Aguilar-Ramirez, Paulina Baca, Carlos Gonzalez Carballo, Louisa Gnatiuc Friedrichs, Tianshu Liu and Jonathan Emberson.

This in-person workshop is free and limited to **25 places.**
Registration and queries: **paulinabacap@gmail.com**