

El Departamento de Estadística del ITAM

anuncia la siguiente sesión de

EL SEMINARIO ALEATORIO

que con el título

MODELLING GROWTH AND VIRAL LOAD PATTERNS IN CHILDREN BORN TO HIV-1 INFECTED MOTHERS IN EUROPE

impartirá

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RESUMEN

Little is known about changes in growth and HIV-1 RNA level (viral load) in children born to HIV-1 infected mothers. Furthermore, the effect of HIV clinical progression and/or HIV-related treatment on these measurements in infected children requires substantiation.

Viral load is a marker of evolution of HIV-1 infected patients. A crucial analytical problem is that all assays have a lower limit of quantification thus requiring longitudinal models for censored responses.

The data comprise serial measurements of height, weight, and (viral load) from birth to age 15 years on uninfected and HIV-1 infected children exposed to HIV-1 maternal infection from women enrolled in the European Collaborative Study. We fitted mixed effects models allowing for changes in variance over age and within-subject correlation using fractional polynomials and splines as linear predictors. Growth patterns were compared to the British 1990 growth standards and also tested by infection status.

El Seminario ser dictado en Español.

Fecha: Martes 30 de abril

Hora: 16:00

Salón: Sala de Video I Biblioteca, 2. Piso

El Seminario Aleatorio está destinado tanto a profesores como a estudiantes, por lo que el Departamento de Estadística agradece a los profesores que colaboren invitando a sus alumnos a estas sesiones.