

Te invita al curso

Dealing with counts in dental research

Que será impartido por:

Dr. Eduardo Bernabé

Catedrático del King's College London

Cupo máximo 15 alumnos
Costo: \$2,000.00 (externos) \$1,000.00
(alumnos del PMDCMOS)

Programa

Día, horario y aula

13 de marzo

Sala J301 Unidad de Posgrado
13:00 a 16:00 hrs.

14 de marzo

Sala H316 Unidad de Posgrado
10:00 a 14:00 hrs.

15 de marzo

Sala H210 Unidad de Posgrado
13:00 a 16:00 hrs.

16 de marzo

Sala H316 Unidad de Posgrado
10:00 a 14:00 hrs.

Contenido

Count regression models

- Deciding between alternative regression models for count data
- Poisson regression
- Negative Binomial regression
- Interpretation of rate ratios (RR)

Count regression models

- Zero-inflated Poisson regression models
- Zero-inflated Negative Binomial regression models
- Zero-truncated Poisson regression models
- Zero-truncated Negative Binomial regression models

Third-variable analysis I (confounding and mediation)

Confounding in dental research

- Strategies to deal with confounding
- Model and variables selection

Mediation analysis

- The product method (Baron and Kenny approach)
- The difference method (percent attenuation)

Third-variable analysis II (effect modification)

- Definitions and examples
- The Baron & Kenny approach to test for statistical interaction
- Interaction between categorical variables
- Interaction between categorical and continuous variables
- Interaction between continuous variables

Notes:

- STATA programme version 12 or superior is required
- The course will be delivered as a combination of lectures and computer practical sessions
- A list of preparatory readings for each session will be provided close to the date

Inscripciones: aleithia@jmvertiz.posgrado.unam.mx
Referencia pago: martha@jmvertiz.posgrado.unam.mx