

An application of the generalized linear models through logistic regression to study the occurrence of infection in dental surgeries.

Cristiane Mariana Rodrigues da Silva ¹, Pollyane Vieira da Silva ², Valdemiro Piedade Vidas ³, Clarice Garcia Borges Demétrio ⁴, Ananda Schilittler Barreto ⁵, Paulo Afonso de Oliveira Jr ⁶

Abstract: *A generalized linear model was used through logistic regression to verify if covariates that are frequently used in dental surgeries influence the occurrence of infection. The analysis refers to 113 patients submitted to dental surgery in a specialized clinic, in the city of Piracicaba-SP between 2003 and 2018.*

Keywords: dental surgeries; generalized linear models; logistic regression.

¹ESALQ/USP e-mail: cmrsilva@usp.br

²ESALQ/USP. e-mail: vieira_polly@usp.br

³ESALQ/USP. e-mail: val_vigas@usp.br

⁴ESALQ/USP. e-mail: clarice.demetrio@usp.br

⁵CEOPA. e-mail: ananda_schlittler@hotmail.com

⁶CEOPA. e-mail: pauloafj@terra.com.br