

BAYESIAN ANALYSIS OF MORTALITY RATES DUE TO CARDIOVASCULAR DISEASES IN SÃO PAULO STATE

Diorgines Herculano da SILVA¹
Jorge Alberto ACHCAR¹

- **ABSTRACT:** *In this paper, we describe and analyze different models for mortality from acute myocardial infarction for each municipality of São Paulo, for the years 2006 to 2010. To model the temporal count data, we consider the use of Bayesian procedures for estimate the relative risk as an efficient way to get the inferences of interest.*
- **KEYWORDS:** *Temporal models; mortality, myocardial infarction, Bayesian methods*

¹ Universidade de São Paulo - USP, Faculdade de Medicina de Ribeirão Preto - FMRP, Departamento de Medicina Social, CEP: 14049-900, Ribeirão Preto, SP, Brasil. E-mail: diorgines@hotmail.com; achcar@fmrp.usp.br