

**QUALIFYING “FISCAL” SECTORS IN ACCORDANCE WITH THEIR
OBIT INDEX, IN SÃO CARLOS CITY (SÃO PAULO STATE - SP), BY
MEANS OF MULTIVARIATE EXPLORATORY STATISTICS
PROCEEDINGS AND GEOPROCESSING TECHNIQUES**

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- *ABSTRACT: The purpose of this paper is to qualify “fiscal” sectors in accordance with their obit index (basic obit causes – CID10), in São Carlos city (São Paulo State - SP), in the year 2003 by means of multivariate exploratory statistics proceedings: hierarchy group analysis and principal components analysis, which results can be visualized on thematic maps elaborated from geoprocessing techniques. Multi-variate exploratory statistics proceedings discern a group with higher death rate integrated by seven “fiscal” sectors sited downtown São Carlos (SP) where obits occurred mainly by circulatory and respiratory diseases, tumors and uncommon symptoms. It is important to point out that among integrants of that group, women and senior citizens (bearing an age higher than 66 years old) were likely to prevail in obit numbers. The combined work between multivariate exploratory statistics proceedings and geoprocessing techniques evidences a great utility in organizing and summarizing obit information. It confirms the efficiency of such approaches in connection with public health.*
- *KEY-WORDS: Multivariate analysis; urban spacial risk; mortality; geoprocessing techniques.*

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