



Public health management: an analysis of the causality of public health expenditure and traffic accidents for the municipality of Campos dos Goytacazes

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Traffic accidents are among the main causes of death in Brazil, according to Carvalho (2015). Despite some statistics on the object of study, which is a financial expense spent on public health from traffic accidents, it is important to note that data and studies on the subject are scarce, especially when it comes to specific municipalities. The project hypothesis is that despite the total expenditure on public health involves expenses of various kinds, the Granger causality test is still able to capture statistically significant figures with the number of traffic accidents in the municipality under study. The present work aims to verify if there is a reduced causality between the total municipal expenses with public health and the number of traffic accidents in the city of Campos dos Goytacazes, using the Granger causality test. According to the results, there is no statistically significant causal relationship between the total variables of municipal expenditure on public health and the number of traffic accidents.

Keywords: Traffic-accidents. Public expenditure. Causality.

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