

FACTORS CONTRIBUTORS TO THE OCCURRENCE OF MORTALITY FOR CHAGAS DISEASE

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- **ABSTRACT:** *Chagas disease is considered one of the most serious diseases of the Americas, and in Brazil there are higher rates of Chagas disease, which mainly affects the Northern Region. In this context, this paper aims to outline the profile of infected patients by *Trypanosoma cruzi* reported in the state of Pará and identify the major factors contributing to the patient's death due to Chagas disease. For data analysis we used the statistical techniques of exploratory data analysis and binary logistic regression, whose main results were that adults with the disease have a 79% probability of evolving to death compared to children / adolescents. But the senior has three times more likely to lead to death in relation to a child / teenager. Patients with Chagas' disease presenting sign of edema, compared to those without this sign, have about three times more likely to progress to death. Also observed that patients who exhibit signs of congestive heart failure has 4 times more likely to lead to death towards those who do not exhibit this symptom.*
- **KEYWORDS:** *Infected patients; North region; binary logistic.*

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