**IHOSPITAL – A OPEN SOURCE TOOL FOR ANALYSIS PUBLIC HOSPITAL DATA**

Joctã Torres3, Rafael Melo3, João Villas-Boas3, Ricardo Khouri1,2 and Felipe Torres1,\*

1 Postgraduate Course in Biotechnology in Health and Investigative Medicine – FIOCRUZ, Waldemar Falcão Street, 121, Candeal, Salvador, Bahia, Brazil

2 KU Leuven—University of Leuven, Department of Microbiology and Immunology, Rega Institute for Medical Research, Clinical and Epidemiological Virology, Minderbroedersstraat 10, Leuven 3000, Belgium

3 UNIFACS – University of Salvador, José Peroba Doctor Street, 251, Salvador, Bahia.

**\*fgtorres18@gmail.com;**

**ABSTRACT**

The

**Keywords:** big data, data transformation, data science, public hospital, geolocalization.

**INTRODUCTION**

Atualmente,

## MATERIAlS and methods

### **Databases and services**

Foram utilizados para desenvolver essa ferramenta as seguintes bases de dados públicos: SIH (Sistema de Informações Hospitalares) e CNES (Cadastro Nacional de Estabelecimentos de Saúde). Para realizar a integração entre as bases, foi utilizado scripts em R com o R Studio (https://www.rstudio.com/). O serviço do Google Maps (https://www.google.com.br/maps) foi integrado a análise para georeferenciar as bases.

### **Extraction and data transformation**

### **Data Visualization**

Based on RegaDB

## RESULTS

### **The RegaDB Leishmaniasis**

The main goal of this

## referências

Use the "Insert Citation" button to add citations to this document.