# **Methods**

The exploratory analysis and data modelling presented in this study was conducted using R build 4.2.0 via Rstudio IDE 2022.07.1. After importing the NHANES 2007/2008 survey data into R, each of the variables were mapped and factorized as necessary. NHANES records survey responses using numerical values that represent various multiple-choice options including placeholder values for responses such as “Did not respond” or “Did not know”. To prepare these variables for regression analysis, all categorical variables were mapped to their corresponding character response and then set as a factor for analysis. Additionally, each variable was factorized such that ordinal responses are correctly ordered for regression. With the final dataset prepared and factorized, summary statistics are calculated and presented in [Table x].