Analysis of SARS-CoV-2 spike protein mutations in the UK

Abstract

Introduction

Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) is the strain of coronavirus responsible for the ongoing COVID-19 pandemic (source). SARS-CoV-2 was initially detected in Wuhan, China, and has now spread to all corners of globe (source). Approximately 770,000,000 people have contracted the virus and over 7,000,000 people have died due to complication caused by the virus (source). This figure is most likely even higher as a result of government's inability to report cases, as well as, corruption with countries attempting to hide the true values. An estimated value of the number of deaths sits at around 18,000,000 – 32,000,000 (source).