

## ABSTRACT:

The COVID-19 pandemic is one of the most brutal pandemics mankind has had to endure. The novel coronavirus has taken the world by storm, with millions of deaths in just a year. Further research has indicated that the coronavirus responsible, SARS-CoV-2, may attribute to outlasting health defects, such as cardiovascular or pulmonary problems. The survival rate for people infected with this virus is grim, depending on where you are in the world, if there are any comorbidities present, or if variants are present in the area. Emerging literature on ABO blood groups suggest that there may be a correlation between a certain blood group and SARS-CoV-2 susceptibility. The objective of this study was to investigate the rate of infection according to ABO blood groups. In this study, data was compiled and analyzed in a meta-analysis to calculate odds-ratios. Our results show that blood group A individuals may be more susceptible to SARS-COV-2 infection while blood group O individuals may have a protective effect against the virus. This study may provide further insight into how blood groups may affect SARS-CoV-2 susceptibility.