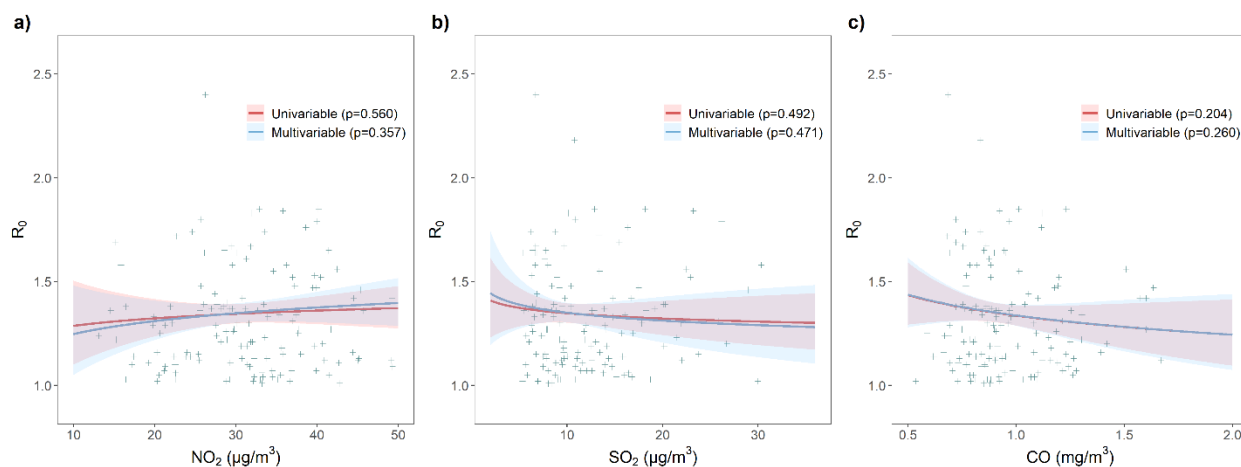


Initial COVID-19 Transmissibility and Three Gaseous Air Pollutants (NO₂, SO₂ and CO): A Nationwide Ecological Study in China

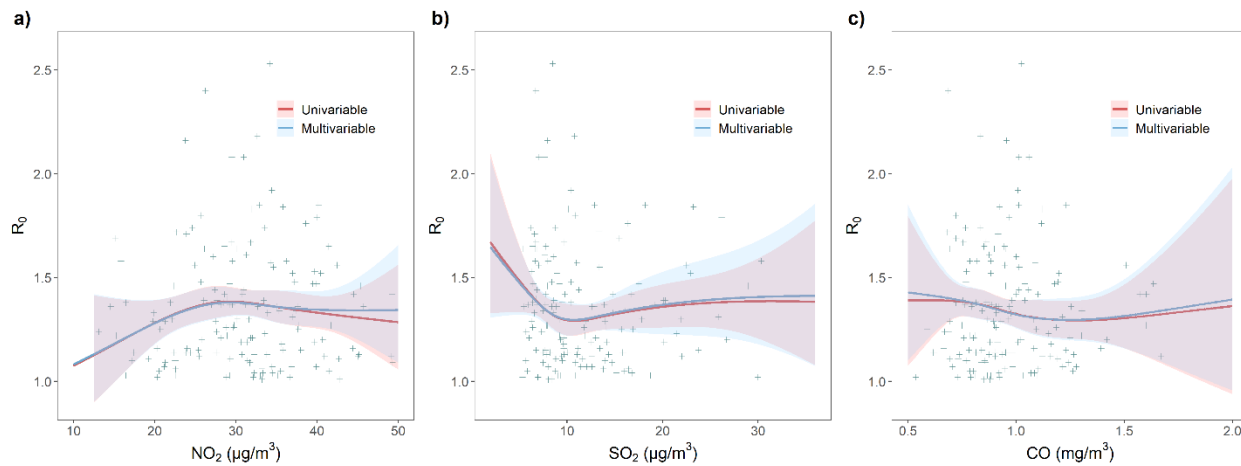
Supplementary Materials

1. Relationships of the R_0 s with NO₂, SO₂, and CO concentrations in the cities outside Hubei



Supplementary Figure 1. The relationships of the COVID-19 R_0 s with NO₂, SO₂, and CO concentrations in the Chinese cities outside Hubei. The red and blue lines indicate the relationship in the univariable and multivariable regressions, respectively. The p -value ≥ 0.05 means the null-hypothesis is not rejected. Panels A, B, C show the relationships with NO₂, SO₂, and CO concentrations, respectively.

2. Relationships of R_0 with the three gaseous pollutants by spline regression



Supplementary Figure 2. Estimated relationships between the COVID-19 R_0 s and the three gaseous pollutants conducted by the natural spline regression with three degrees of freedom. Panel A, B, C show the relationships with NO_2 , SO_2 , and CO concentrations, respectively.