Stock Hypothesis Testing

We assume that the rate of stock price increased in the 18 months after March 1st, 2020, compared to the 18 months before.

N0: There is no significant difference

N1: There is a significant difference between

Reject N1 if p > 0.05

After performing a t-test in R using the data, we find p = 0.3451. This is well above our rejection value, so we accept N0.

This suggests that we need to make a weighted sum, or that there is a loose correlation between covid and the rate of stock increase.