What is the impact of stay-at-home orders due to COVID-19 on economic activity in a state?

* + What is the outcome variable of interest, and how would you characterize the “treatment”? **0.5 points for each causal question**

**The stay-at-home order due to covid -19 is the treatment in this case and**

**The impact on the economic activity of the state due to the order is the treatment effect or outcome variable of interest.**

* + Indicate plausible sources of selection or omitted-variable bias that lead you to believe that direct comparisons of outcomes from observational data would *not* yield a good measure of the causal effect. **0.5 points for each causal question**

Does [sponsored search advertising](https://en.wikipedia.org/wiki/Search_advertising) on Google affect clicks for a website?

* + What is the outcome variable of interest, and how would you characterize the “treatment”? **0.5 points for each causal question**

**The treatment, in this case, is sponsored search advertising on google.**

**The Affect on the clicks for a website is the treatment effect or outcome variable of interest.**

* Indicate plausible sources of selection or omitted-variable bias that lead you to believe that direct comparisons of outcomes from observational data would *not* yield a good measure of the causal effect. **0.5 points for each causal question**